

Table 31. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	13	8	6	1	28	5	35	81
212			Chinese Philosophy	5	5	3	4	5	2	7	25
213			Indian Philosophy (inclu. Buddhist Studies)	11	10	2	2	18	1	12	45
214			Religion	15	8	6	0	26	3	20	66
215			Ethics	4	5	4	0	5	3	15	23
216			History of Philosophy	3	4	0	3	12	1	20	34
217			Aesthetics (inclu. Arts)	35	22	4	3	30	10	84	159
218			Art History	9	2	5	3	7	9	28	50
		Philosophy total	95	64	30	16	131	34	221	483	
221			Experimental Psychology	6	4	30	2	39	20	70	145
222			Educational and Social	17	13	24	5	68	21	128	232
223			Sociology (inclu. Social Welfare)	45	30	28	17	77	28	130	264
224			Education	27	32	47	13	61	20	121	259
225			Cultural Anthropology (i n c l u . Ethnology and Folklore)	20	17	25	8	34	8	56	126
		Psychology• Sociology • Education Cultural Anthropology total	115	96	154	45	279	97	505	1,026	
231			Japanese History	17	9	6	3	9	2	19	57
232			Oriental History	14	21	17	4	21	6	51	107
233			European History	12	6	5	4	23	6	48	86
234			Archaeology (inclu. Prehistory)	4	6	6	3	4	5	18	31
		History total	47	42	34	14	57	19	136	281	
241			Japanese Language	4	5	4	4	12	1	18	39
242			Japanese Literature	16	11	3	4	21	7	39	86
243			Chinese Language and Literature	20	9	5	3	36	2	47	101
244			English Language and Literature	32	36	15	5	178	18	199	403
245			French Language and Literature	8	6	11	1	19	2	27	63
246			German Language and Literature	11	11	7	1	18	4	24	64
247			Other Foreign Languages and Literatures	15	8	5	1	21	3	39	71
248			Linguistics and Phonetics	23	26	25	4	93	10	141	257
249			Literature in General (i n c l u . Literary Theory, Comparative Literature) and Western Classics	8	7	3	1	20	4	28	54
		Literature total	137	119	78	24	418	51	562	1,138	
	ARTS • HUMANITIES Total			394	321	296	99	885	201	1,424	2,928
261	LAW		Basic Science of Law	4	5	4	2	16	7	16	43
262			Public Law	16	6	6	3	19	7	20	55
263			International Law	16	9	4	12	11	8	18	51
264			Civil Law	12	5	9	6	22	17	36	85
265			Social Law	3	4	5	3	4	2	10	21
266			Criminal Law	9	1	1	3	9	3	11	32
267			Politics	37	38	22	20	47	30	74	183
	LAW Total		97	68	51	49	128	74	185	470	
271	ECONOMICS		General Theory of Economics	23	13	28	7	63	20	62	171
272			Economical Statistics	5	3	8	2	11	8	11	33
273			Economic Policy (inclu. Economic Condition)	47	37	24	24	54	26	79	214
274			Economic History	7	4	9	3	17	5	17	51
275			Public Finance, Money and Banking	14	8	10	2	18	10	18	59
276			Commercial Science	7	4	3	2	20	8	32	63
277			Business Administration	39	17	9	11	68	22	82	188
278			Accounting	7	5	3	4	24	7	36	69
	ECONOMICS Total		149	91	94	55	275	106	337	848	
301	SCIENCE		Algebra	26	14	36	0	14	4	24	90
302			Geometry	18	14	38	0	16	6	26	102
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	17	12	66	5	42	13	59	169
305			Basic Analysis	11	15	65	1	30	9	43	148
306			Larger-area Analysis	4	4	20	0	8	3	14	44
		Mathematics total	76	59	225	6	110	35	166	553	
311		Astronomy	6	8	61	5	21	18	18	118	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	55	32	172	22	92	38	111	391
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	22	4	50	23	61	47	82	241
323			Solid - State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	20	13	76	15	66	62	101	300
324			Physics in General	11	7	30	10	24	22	46	124
325			Physics total	129	65	373	75	273	192	376	1,195
331			Physics of Solid Earth	6	6	51	8	15	34	48	147

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
332	S 										

Table 31. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
443	E N G I N E E R I N G	Architecture	City Planning and Building Planning	15	12	21	7	43	23	67	148
444			Architectural History and Design	4	5	5	3	8	5	12	33
		Architecture total		35	24	59	24	114	124	156	438
451		Physical Metallurgy	Physical Metallurgy	6	6	30	4	22	41	21	101
452			Inorganic Materials and	11	8	32	12	44	77	37	180
453		Composed Materials and Properties	Composed Materials and Properties	4	1	11	2	19	26	10	63
454			Structural and Functional Materials	6	9	25	8	26	60	16	120
455		Metallurgy and Material	Metallurgy and Material	3	4	13	6	20	71	22	110
456			Metal Productive Engineering	4	3	11	2	15	45	11	74
		Material Engineering total		34	31	122	34	146	320	117	648
461		Chemical Engineering in General	Chemical Engineering in General	4	5	20	2	24	58	21	110
462			Reaction and Separation Engineering	8	4	12	5	21	43	15	82
463		Catalyst and Chemical Process	Catalyst and Chemical Process	3	6	14	4	15	26	8	62
464			Bioengineering	14	8	28	7	21	46	28	112
465		Industrial Analytical Chemistry	Industrial Analytical Chemistry	5	0	9	2	11	18	13	44
			Process Engineering total	34	23	83	20	92	191	85	410
471		Industrial Physical Chemistry	Industrial Physical Chemistry	8	3	24	5	34	64	26	135
472			Industrial Inorganic Chemistry	2	0	14	2	12	22	10	54
473		Industrial Organic Chemistry	Industrial Organic Chemistry	8	5	15	4	16	30	10	65
474			Synthetic Chemistry	8	7	17	2	16	52	29	107
475		Polymer Synthesis	Polymer Synthesis	15	8	18	5	25	56	24	118
476			Polymer Structure and Property (inclu. Fiber)	15	7	23	4	35	56	35	138
		Industrial Chemistry total		56	30	111	22	138	280	134	617
481		Aeronautics	Aeronautics	7	1	30	2	25	37	20	100
482			Ship Engineering	1	1	11	7	7	17	9	39
483		Marine Engineering	Marine Engineering	1	1	3	3	5	10	6	21
484			Resource Development Engineering	3	4	12	5	12	37	5	60
		Synthetic Engineering total		12	7	56	17	49	101	40	220
		ENGINEERING Total		345	277	1,138	308	1,817	2,989	1,544	6,805
501	A G R I C U L T U R E	Plant Breeding	Plant Breeding	2	2	15	1	5	12	23	53
502			Crop Science	2	1	6	1	2	9	6	21
503		Horticulture and Landscape Architecture	Horticulture and Landscape Architecture	9	8	9	5	12	18	41	79
504			Plant Protection	6	5	17	1	10	18	24	74
505		Sericultural Science and Economic Entomology	Sericultural Science and Economic Entomology	1	0	4	0	3	4	7	18
			Agriculture total	20	16	51	8	32	61	101	245
511		Plant Fertilizer and Manure and Soil Science	Plant Fertilizer and Manure and Soil Science	7	2	16	3	7	15	12	50
512			Applied Microbiochemistry and Applied Biochemistry	13	11	50	17	29	55	45	187
513		Biological Productive Chemistry and Bioorganic Chemistry	Biological Productive Chemistry and Bioorganic Chemistry	5	0	13	6	12	21	16	59
514			Food Science and Nutritional Chemistry	9	7	12	5	35	57	48	148
		Agricultural Chemistry total		34	20	91	31	83	148	121	444
521		Forestry	Forestry	1	6	12	6	4	12	25	49
522			Wood Science	8	5	25	4	9	36	31	91
		Forestry total		9	11	37	10	13	48	56	140
531		Fisheries in General	Fisheries in General	11	9	32	5	18	25	48	118
532			Fisheries Chemistry	3	1	5	1	3	14	8	30
		Fisheries total		14	10	37	6	21	39	56	148
541		Agricultural Economics	Agricultural Economics	12	10	11	5	14	7	27	58
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	5	4	16	1	6	16	16	50
552		Agricultural Machinery	Agricultural Machinery	2	0	12	2	4	16	16	48
553			Biological Environment	1	3	5	5	3	8	8	22
		Agricultural Engineering total		8	7	33	8	13	40	40	120
561		Animal Science and Grassland Science	Animal Science and Grassland Science	1	2	3	1	14	13	22	53
562			Applied Animal Science	2	3	12	2	6	12	23	53
563		Basic Veterinary Medicine and Basic Animal Science	Basic Veterinary Medicine and Basic Animal Science	8	5	18	0	11	21	23	73
564			Applied Veterinary Medicine	5	6	13	3	18	17	19	63
		Animal Science-Veterinary Medicine total		16	16	46	6	49	63	87	242
571		Biological Resource Science	Biological Resource Science	2	4	8	5	3	13	6	29
572			Applied Molecular Cell Biology	2	0	6	2	4	4	2	18
		Interdisciplinary Agricultural Science total		4	4	14	7	7	17	8	47
		AGRICULTURE Total		117	94	320	81	232	423	496	1,444

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601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	11	7	19	2	24	14	69	129
602			Physiology in General	12	10	26	8	30	42	79	169
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	8	4	17	6	19	20	59	100
604			Pharmacology in General	8	9	21	3	24	24	34	103
605			Medical Chemistry in General	15	9	39	2	20	27	41	130
606			Pathological Medical Chemistry	10	4	12	0	12	14	29	62
			Physiology total	64	43	134	21	129	141	311	693
611			Hominal Pathology	12	6	13	1	31	34	71	138
612			Experimental Pathology	15	7	23	4	30	19	39	108
613			Parasitology (inclu. Medical Zoology)	1	3	13	12	6	5	13	41
614			Bacteriology (inclu. Eumycetes)	9	7	18	7	20	25	34	89
615			Virology	11	7	17	7	10	28	22	80
616			Immunology	13	7	36	6	26	29	41	131
			Pathology total	61	37	120	37	123	140	220	587
621			Hygiene	2	3	7	2	16	13	57	91
622			Public Health and Health	22	16	17	8	53	28	97	185
623			Legal Medicine	1	1	4	0	18	5	33	59
			Social Medicine total	25	20	28	10	87	46	187	335
631			Internal Medicine in General	20	9	15	3	38	39	116	203
632			Gastroenterology	37	8	12	2	36	40	198	277
633			Internal Medicine Respiratory System	12	8	3	4	33	17	128	180
634			Neurological Medicine	18	12	21	4	33	32	99	178
635			Cardioangiolog	27	18	26	0	57	46	263	372
636			Pediatrics	27	7	13	5	42	29	164	244
637			Dermatology	16	7	9	5	50	35	93	183
638			Radiology	24	5	21	3	79	78	186	335
639			Neuropsychiatry	16	10	6	4	43	19	143	210
640			Endocrinology and Metabolic Science	19	7	6	0	8	20	61	94
641			Hematology	17	10	22	1	22	32	96	158
642			Internal Medicine of Kidney	6	7	4	1	17	17	94	128
643			Embryology and Newborn	2	0	1	0	0	3	11	14
644			Endocrinology	12	3	2	0	7	12	68	93
645			Metabolic Science	7	3	4	1	13	10	64	86
			Internal Medicine total	260	114	165	33	478	429	1,784	2,755
651			Surgery in General	27	9	10	2	37	24	143	213
652			Gastroenterological Surgery	21	9	14	2	45	26	200	279
653			Thoracic Surgery	9	9	9	3	39	21	101	172
654			Neurosurgery	21	9	13	2	40	39	159	238
655			Orthopedic Surgery	32	13	11	3	43	36	274	344
656			Anesthesiology and Rescue Medicine	16	11	11	1	41	33	147	238
657			Urology	11	18	11	0	46	34	128	216
658			Obstetrics and Gynecology	14	12	9	4	26	21	133	183
659			Oto-rhino-laryngology	16	8	10	1	39	26	101	178
660			Ophthalmology	17	13	6	2	34	29	139	206
661			Pediatric Surgery	3	0	5	0	3	5	39	46
662			Formative Surgery	0	0	0	0	7	0	28	32
			Surgery total	187	111	109	20	400	294	1,592	2,345
671			Oral Anatomy and Morphological Basic Dentistry	3	8	8	1	42	9	37	95
672			Functional Basic Dentistry	5	3	18	2	31	6	41	93
673			Morbid Dentistry (inclu. Dental Radiology)	5	0	13	1	22	6	28	67
674			Conservative Dentistry	13	8	22	0	75	26	67	181
675			Prosthodontics and Dental Technology	10	6	22	4	75	26	124	231
676			Oral Surgery	11	9	23	1	56	19	108	200
677			Orthodontics, Pedodontics and Social Dentistry	10	6	12	2	40	28	84	158
678			Periodontological Dentistry	0	3	0	1	8	6	10	26
			Dentistry total	57	43	118	12	349	126	499	1,051
681			Chemical Pharmaceuticals	14	8	22	0	77	49	21	169
682			Physical Pharmaceuticals	11	5	7	2	26	26	15	75
683			Biopharmaceuticals	19	9	27	7	105	58	57	240
684			Molecular Pharmaceuticals	1	4	3	1	13	5	5	28
685			Environmental Pharmaceuticals	0	0	1	0	1	1	2	5
			Pharmaceuticals total	45	26	60	10	222	139	100	517
691			Medical Sociology	4	2	1	0	5	4	16	27
692			Human Genetics	4	0	9	1	4	9	11	30
693			Applied Pharmacology and Medical Pharmacology	6	3	2	1	20	24	13	56

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694	M E D I C I N E		Pathological Examination	4	0	6	1	12	24	26	62	
696			Science of Basic and Local Nursing	3	4	5	3	14	6	65	94	
697			Science of Clinical Nursing	1	2	3	2	5	3	28	38	
			Medicine in Gene r a l total	22	11	26	8	60	70	159	307	
	MEDICINE Total			721	405	760	151	1,848	1,385	4,852	8,590	
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)	3	3	1	1	13	3	13	34	
703			Physical Education	14	16	18	1	53	35	139	235	
704			Human Geography	8	5	8	4	12	1	30	58	
705			Physical Geography	1	4	9	4	7	7	25	47	
			Geography total	9	9	17	8	19	8	55	105	
706			Home Science(inclu. Cloth/Living Environments)	8	6	8	1	25	5	72	113	
707			Food Culture	1	0	0	0	8	2	18	29	
			Domestic Science total	9	6	8	1	33	7	90	142	
708			Science of Cultural Property	0	3	1	1	0	1	4	8	
711			Science Education	7	4	8	5	6	4	14	31	
712			Educational Engineering	3	3	9	2	15	11	21	51	
713			Curriculum Studies	8	7	18	1	16	7	67	107	
714			Japanese Language Education	4	5	10	3	7	3	22	40	
			Science Education・Curriculum Education total	22	19	45	11	44	25	124	229	
721			Statistics	6	3	18	5	13	19	14	64	
731			Computer Science	11	15	85	7	90	181	89	386	
732			Intelligent Informatics	5	9	78	4	63	135	73	295	
733			Study of Information System (Inclu. Library and Information Science)	8	10	25	10	51	50	41	162	
			Information Science total	24	34	188	21	204	366	203	843	
741			Social System Engineering	5	3	25	4	36	29	28	97	
751			Natural Disaster Science	1	1	10	3	3	12	6	23	
761			Plasma Science and Technology	4	8	56	6	24	58	32	153	
772			Nuclear Fusion	2	4	24	4	12	23	5	56	
773			Energy Science General	2	2	13	3	12	36	13	63	
774			Nuclear Power Science	2	5	10	2	19	34	18	77	
			Energy total	6	11	47	9	43	93	36	196	
801			Environmental Dynamic Analysis	3	7	14	8	9	20	20	56	
802			Environmental Influence Assessment (inclu. Radiobiology)	8	5	10	2	12	19	14	55	
803			Environmental Preservation	15	8	9	9	22	27	12	66	
			Environmental Science total	26	20	33	19	43	66	46	177	
811			Biological Organic Chemistry	4	3	10	6	6	19	18	53	
812			Structured Biochemistry	5	4	25	4	17	22	14	79	
813			Functional Biochemistry	10	9	26	7	20	27	32	109	
			Biological Chemistry total	19	16	61	17	43	68	64	241	
821			Biophysics	16	5	37	6	18	25	33	111	
822			Molecular Biology	36	19	107	18	59	75	93	333	
823			Cell Biology	14	9	30	12	20	21	34	126	
824			Developmental Biology	11	3	36	6	13	16	21	92	
			Basic Biology total	77	36	210	42	110	137	181	662	
831			Neuroanatomy and Neuropathology	5	5	13	3	4	10	33	69	
832			Neurochemistry and Neuropharmacology	8	3	16	5	15	16	19	69	
833			Neuro Science in General	10	9	34	9	39	29	40	150	
834			Neuro and Muscular Physiology	11	6	23	4	16	21	29	97	
			Neuro Science (inclu. Brain Science) total	34	23	86	21	74	76	121	385	
841			Laboratory Animal Science	1	3	4	2	7	11	4	27	
851			Medical Organism Engineering and Material Science of Organism	9	5	53	4	42	65	58	185	
	INTERDISCIPLINARY AREA Total			269	219	881	176	804	1,079	1,218	3,806	
999	WIDE AREA Total			39	30	29	17	89	54	135	311	
	Item n.a. Total			5	6	5	6	14	9	37	68	
	Grand Total			2,513	1,764	4,797	1,118	6,823	6,983	11,474	29,049	

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211	ARTS • HUMANITIES		Philosophy	4	4	2	1	0	3	11	22	
212			Chinese Philosophy	3	0	3	2	1	1	3	13	
213			Indian Philosophy (inclu. Buddhist Studies)	1	3	0	0	0	0	2	6	
214			Religion	2	2	3	0	0	0	4	10	
215			Ethics	2	3	2	0	0	1	6	8	
216			History of Philosophy	0	1	0	1	0	1	5	7	
217			Aesthetics (inclu. Arts)	9	3	2	1	3	2	33	46	
218			Art History	4	1	3	1	3	5	12	23	
		Philosophy total	25	17	15	6	7	13	76	135		
221			Experimental Psychology	3	2	25	1	7	12	42	78	
222			Educational and Social	7	6	19	3	5	15	57	100	
223			Sociology (inclu. Social Welfare)	11	9	14	4	3	6	33	61	
224			Education	15	13	37	8	5	14	63	123	
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	6	6	18	5	3	5	25	54	
		Psychology • Sociology • Education Cultural Anthropology total	42	36	113	21	23	52	220	416		
231			Japanese History	9	5	4	1	0	2	5	24	
232			Oriental History	6	9	8	2	1	4	25	46	
233			European History	4	2	2	2	3	2	14	23	
234			Archaeology (inclu. Prehistory)	1	3	2	1	0	2	5	10	
		History total	20	19	16	6	4	10	49	103		
241			Japanese Language	2	2	3	2	1	0	9	16	
242			Japanese Literature	5	5	3	0	1	1	10	22	
243			Chinese Language and Literature	8	2	4	1	2	2	14	26	
244			English Language and Literature	5	5	9	0	6	7	56	80	
245			French Language and Literature	3	1	8	0	3	1	10	23	
246			German Language and Literature	2	5	6	0	0	2	9	22	
247			Other Foreign Languages and Literatures	4	2	3	0	1	1	16	23	
248			Linguistics and Phonetics	4	9	18	2	6	6	56	87	
249			Literature in General (i ncl u. Literary Theory, Comparative Literature) and Western Classics	1	2	2	0	0	3	13	18	
		Literature total	34	33	56	5	20	23	193	317		
	ARTS • HUMANITIES Total			121	105	200	38	54	98	538	971	
261	LAW		Basic Science of Law	2	2	3	1	1	1	10	18	
262			Public Law	5	3	4	2	3	3	8	21	
263			International Law	10	5	3	8	1	5	7	24	
264			Civil Law	4	2	3	0	0	7	9	22	
265			Social Law	0	1	1	0	2	1	5	8	
266			Criminal Law	2	0	0	1	0	1	3	7	
267			Politics	10	13	13	5	1	10	24	51	
	LAW Total		33	26	27	17	8	28	66	151		
271	ECONOMICS		General Theory of Economics	7	5	19	3	3	14	19	56	
272			Economical Statistics	2	1	5	1	0	7	6	15	
273			Economic Policy (inclu. Economic Condition)	13	7	17	9	6	10	26	69	
274			Economic History	2	3	5	2	1	3	9	21	
275			Public Finance, Money and Banking	5	2	6	2	1	4	5	19	
276			Commercial Science	2	1	0	1	0	4	3	8	
277			Business Administration	7	3	3	2	2	8	13	29	
278			Accounting	1	2	2	1	1	4	8	16	
		ECONOMICS Total	39	24	57	21	14	54	89	233		
301	SCIENCE		Algebra	22	10	25	0	4	4	17	62	
302			Geometry	14	12	30	0	3	6	19	72	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	5	55	4	4	9	38	102	
305			Basic Analysis	9	11	52	0	4	5	33	99	
306			Larger-area Analysis	3	4	14	0	1	3	12	30	
		Mathematics total	58	42	176	4	16	27	119	365		
311			Astronomy	5	7	59	5	14	18	15	105	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics		50	24	149	21	31	31	80	286
322				Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	17	4	46	19	20	44	61	173
323				Solid - State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	16	12	70	14	25	55	86	232
324					15	7	37	4	7	20	30	100
325		Physics in General		10	7	27	9	11	22	32	95	
	Physics total	108	54	329	67	94	172	289	886			
331		Physics of Solid Earth	5	6	49	6	11	30	43	132		

Table 32. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
332	S	Earth Science	Meteorology, Oceanography and Hydrology	15	10	63	12	16	32	26	124
333			Aeronomy	3	3	36	11	11	9	13	62
334			Geology	1	3	15	2	3	8	32	50
335			Stratigraphy and Paleontology	1	1	3	1	2	6	17	29
336			Mineralogy, Petrology and Study of Mineral Deposit	6	5	24	6	7	21	35	79
337			Geochemistry	5	4	13	2	4	15	22	50
			Earth Science total	36	32	203	40	54	121	188	526
341		Chemistry	Physical Chemistry	23	11	70	9	15	69	92	242
342			Organic Chemistry	11	6	37	3	18	48	45	144
343			Inorganic Chemistry	2	3	12	2	7	6	17	42
344			Function, Properties and Materials in Chemistry	5	7	27	4	13	42	30	103
345			Substance Transformation	0	0	3	0	0	2	3	7
346			Separation, Refining and Identification	2	1	9	0	6	16	14	38
			Chemistry total	43	28	158	18	59	183	201	576
351		Biology	Genetics	9	8	28	2	7	6	17	64
352			Ecology	12	8	30	6	5	14	42	87
353			Plant Physiology	8	6	52	4	19	26	35	116
354			Morphology, Structure of Organism	4	0	8	0	4	5	12	30
355			Animal Physiology and	8	0	11	4	2	3	17	41
356			Morphology and Taxonomy	3	5	16	1	1	7	31	55
			Biology total	44	27	145	17	38	61	154	393
361			Physical Anthropology (inclu. Physiological Anthropology)	1	3	6	1	3	4	5	19
	SCIENCE Total			295	193	1,076	152	278	586	971	2,870
401	S	Applied Physics	Applied Physics of Property and Crystallography	6	8	32	4	10	58	19	103
402			Surface Physics	2	2	19	4	12	22	17	66
403			Applied Optics and Quantum Optics	5	6	16	10	21	52	20	100
404			General Applied Physics	1	0	10	0	1	19	10	36
405			Fundamentals of Engineering	0	1	16	2	4	11	8	32
		Applied Physics* Fundamentals of Engineering total		14	17	93	20	48	162	74	337
411		Machine Engineering	Materials for Machines and Strength of Materials	8	4	37	9	21	99	47	185
412			Workshop Processes and Production Engineering	8	6	30	5	17	71	22	122
413			Design Engineering, Machine Elements and Tribology	0	1	11	3	13	53	15	92
414			Fluid Mechanics	8	5	31	3	26	92	32	166
415			Heat Engineering	7	9	23	5	15	76	37	144
416			Mechanics and Control Engineering	1	6	23	5	20	84	44	161
417			Intelligent Mechanics and Machine System	6	4	27	9	27	73	33	149
		Machine Engineering total		38	35	182	39	139	548	230	1,019
421		Electric and Electronic Engineering	Electric Power Engineering and Electric Machinery	1	5	29	8	21	86	26	146
422			Electronic and Electric Materials Engineering	8	7	53	11	31	92	45	195
423			Electron Devices and Apparatus Engineering	8	2	30	4	43	97	19	183
424			Information and Communication Engineering	11	10	44	9	56	181	49	312
425			System Engineering	2	3	22	4	16	44	29	100
427			Electronic Measurements	4	1	25	3	13	76	16	118
428			Control Engineering	2	1	13	0	10	49	24	87
		Electric and Electronic Engineering		36	29	216	39	190	625	208	1,141
431	G	Civil Engineering	Construction Materials and Dynamics in General Civil Engineering	3	2	18	0	13	50	10	79
432			Structural Engineering and Seismology	3	4	18	4	15	51	19	92
433			Ground Engineering	3	5	13	2	26	59	14	103
434			Hydraulics and River Engineering	11	5	16	9	7	65	22	109
435			Traffic Engineering and Regional Planning	4	7	18	9	14	42	21	83
436			Civil Environmental System	7	5	6	6	11	27	11	57
			Civil Engineering total	31	28	89	30	86	294	97	523
441		Building Science and Building Equipment	Building Structure and Materials	4	3	24	10	19	61	15	113
442			Building Science and Building Equipment	3	2	4	2	5	24	20	53

Table 32. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
443	E	Architecture	City Planning and Building Planning	6	9	13	3	14	14	41	79
444			Architectural History and Design	2	2	2	2	0	3	8	15
			Architecture total	15	16	43	17	38	102	84	260
451		Metallurgy	Physical Metallurgy	5	4	27	3	11	39	14	77
452			Inorganic Materials and	8	8	28	11	19	63	21	131
453		Composed Materials and Properties	Composed Materials and Properties	2	1	8	2	8	17	5	36
454			Structural and Functional Materials	4	7	22	5	13	50	11	91
455		Metallurgy and Material	Metallurgy and Material	2	4	12	5	7	65	14	86
456			Metal Productive Engineering	4	3	10	2	12	42	9	67
			Material Engineering total	25	27	107	28	70	276	74	488
461		Chemical Engineering in General	Chemical Engineering in General	3	3	19	2	13	53	16	91
462			Reaction and Separation Engineering	8	3	8	4	12	41	8	65
463		Catalyst and Chemical Process	Catalyst and Chemical Process	3	5	14	2	9	22	6	51
464			Bioengineering	11	6	27	6	11	42	18	90
465		Industrial Analytical Chemistry	Industrial Analytical Chemistry	3	0	7	1	5	16	8	33
			Process Engineering total	28	17	75	15	50	174	56	330
471		Industrial Physical Chemistry	Industrial Physical Chemistry	7	1	22	5	15	57	16	105
472			Industrial Inorganic Chemistry	1	0	12	1	5	21	7	43
473		Industrial Organic Chemistry	Industrial Organic Chemistry	8	3	12	4	4	26	7	46
474			Synthetic Chemistry	6	6	16	2	6	45	22	84
475		Polymer Synthesis	Polymer Synthesis	9	7	13	4	14	48	17	93
476			Polymer Structure and Property (inclu. Fiber)	14	5	21	4	14	49	24	103
			Industrial Chemistry total	45	22	96	20	58	246	93	474
481		Aeronautics	Aeronautics	6	1	27	1	14	35	12	80
482			Ship Engineering	1	0	9	6	4	14	8	31
483		Marine Engineering	Marine Engineering	1	1	3	1	2	10	3	14
484			Resource Development Engineering	1	2	11	5	10	35	3	55
			Synthetic Engineering total	9	4	50	13	30	94	26	180
			ENGINEERING Total	241	195	951	221	709	2,521	942	4,752
501	A	Plant Breeding	Plant Breeding	1	2	12	1	2	11	20	44
502			Crop Science	1	1	6	0	1	8	5	18
503		Horticulture and Landscape Architecture	Horticulture and Landscape Architecture	6	4	8	3	2	13	26	50
504			Plant Protection	3	5	15	0	6	17	18	60
505		Sericultural Science and Economic Entomology	Sericultural Science and Economic Entomology	1	0	4	0	1	4	3	13
			Agriculture total	12	12	45	4	12	53	72	185
511		Plant Fertilizer and Manure and Soil Science	Plant Fertilizer and Manure and Soil Science	6	1	13	2	2	12	8	37
512			Applied Microbiochemistry and Applied Biochemistry	9	8	44	12	16	49	30	144
513		Biological Productive Chemistry and Bioorganic Chemistry	Biological Productive Chemistry and Bioorganic Chemistry	3	0	12	5	9	14	14	48
514			Food Science and Nutritional Chemistry	6	3	9	2	6	49	14	78
			Agricultural Chemistry total	24	12	78	21	33	124	66	307
521		Forestry	Forestry	1	5	11	4	3	11	19	40
522			Wood Science	5	4	24	4	5	35	28	82
			Forestry total	6	9	35	8	8	46	47	122
531		Fisheries in General	Fisheries in General	6	9	28	3	11	25	40	98
532			Fisheries Chemistry	3	1	4	1	3	12	6	25
			Fisheries total	9	10	32	4	14	37	46	123
541		Agricultural Economics	Agricultural Economics	8	8	7	3	3	5	20	33
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	4	14	0	3	16	14	41
552		Agricultural Machinery	Agricultural Machinery	2	0	9	1	1	15	15	39
553			Biological Environment	0	2	4	4	1	7	7	17
			Agricultural Engineering total	5	6	27	5	5	38	36	97
561		Animal Science and Grassland Science	Animal Science and Grassland Science	1	1	2	0	5	10	17	36
562			Applied Animal Science	2	3	11	1	4	10	18	42
563		Basic Veterinary Medicine and Basic Animal Science	Basic Veterinary Medicine and Basic Animal Science	5	4	17	0	4	17	12	50
564			Applied Veterinary Medicine	3	4	12	3	10	15	10	44
			Animal Science-Veterinary Medicine total	11	12	42	4	23	52	57	172
571		Biological Resource Science	Biological Resource Science	1	4	7	5	2	11	5	24
572			Applied Molecular Cell Biology	2	0	6	2	2	4	1	15
			Interdisciplinary Agricultural Science total	3	4	13	7	4	15	6	39
			AGRICULTURE Total	78	73	279	56	102	370	350	1,078

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	7	4	12	2	4	9	39	67
602			Physiology in General	9	6	17	3	7	33	40	97
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	8	3	13	2	2	13	25	49
604			Pharmacology in General	6	4	17	1	8	16	12	55
605			Medical Chemistry in General	9	4	33	1	6	22	22	80
606			Pathological Medical Chemistry	6	3	11	0	7	5	11	33
			Physiology total	45	24	103	9	34	98	149	381
611			Hominal Pathology	7	2	10	1	9	29	31	71
612			Experimental Pathology	5	4	18	3	13	15	21	64
613			Parasitology (inclu. Medical Zoology)	0	1	10	3	2	1	6	18
614			Bacteriology (inclu. Eumycetes)	3	2	12	7	5	14	20	47
615			Virology	7	3	16	4	7	23	14	56
616			Immunology	9	5	31	4	8	22	21	79
			Pathology total	31	17	97	22	44	104	113	335
621			Hygiene	2	3	5	2	3	9	22	41
622			Public Health and Health	14	6	10	6	15	20	53	95
623			Legal Medicine	1	0	4	0	3	3	18	28
			Social Medicine total	17	9	19	8	21	32	93	164
631			Internal Medicine in General	11	4	12	2	9	25	51	98
632			Gastroenterology	16	4	7	1	11	26	95	138
633			Internal Medicine Respiratory System	4	4	3	3	13	14	67	95
634			Neurological Medicine	13	5	17	3	14	26	56	110
635			Cardioangiolog	15	7	20	0	19	39	113	175
636			Pediatrics	8	2	12	4	12	19	80	123
637			Dermatology	7	3	6	3	29	27	35	93
638			Radiology	12	1	19	2	35	67	99	203
639			Neuropsychiatry	4	6	5	2	12	11	61	90
640			Endocrinology and Metabolic Science	11	2	6	0	1	16	32	51
641			Hematology	12	6	16	1	6	24	48	89
642			Internal Medicine of Kidney	5	2	3	0	4	11	42	55
643			Embryology and Newborn	0	0	1	0	0	1	5	6
644			Endocrinology	6	2	1	0	3	12	42	59
645			Metabolic Science	5	2	4	1	3	9	41	54
			Internal Medicine total	129	50	132	22	171	327	867	1,439
651			Surgery in General	12	3	6	1	10	18	56	89
652			Gastroenterological Surgery	12	6	14	1	21	21	84	137
653			Thoracic Surgery	5	5	8	2	14	18	48	90
654			Neurosurgery	8	4	11	2	18	36	73	129
655			Orthopedic Surgery	11	5	9	1	13	30	124	165
656			Anesthesiology and Rescue Medicine	4	2	8	0	20	27	89	141
657			Urology	8	10	11	0	24	31	55	116
658			Obstetrics and Gynecology	6	8	5	3	10	16	67	94
659			Oto-rhino-laryngology	11	4	8	0	12	22	50	94
660			Ophthalmology	7	6	5	1	15	24	79	119
661			Pediatric Surgery	2	0	3	0	0	5	25	29
662			Formative Surgery	0	0	0	0	2	0	6	8
			Surgery total	86	53	88	11	159	248	756	1,211
671	D E N T I S T R Y		Oral Anatomy and Morphological Basic Dentistry	2	3	7	0	1	9	15	32
672			Functional Basic Dentistry	2	1	12	1	1	5	20	39
673			Morbid Dentistry (inclu. Dental Radiology)	3	0	11	1	2	3	13	29
674			Conservative Dentistry	8	5	19	0	11	23	18	69
675			Prosthodontics and Dental Technology	3	2	19	3	8	23	59	98
676			Oral Surgery	6	6	16	0	12	11	63	101
677			Orthodontics, Pedodontics and Social Dentistry	7	2	11	1	9	27	49	90
678			Periodontological Dentistry	0	3	0	1	3	6	2	13
			Dentistry total	31	22	95	7	47	107	239	471
681			Chemical Pharmaceutics	9	2	12	0	11	28	10	62
682			Physical Pharmaceutics	4	1	6	1	4	15	3	27
683			Biopharmaceutics	8	4	21	6	18	41	19	99
684			Molecular Pharmaceutics	0	4	3	1	5	4	3	17
685			Environmental Pharmaceutics	0	0	0	0	1	1	0	2
			Pharmaceutics total	21	11	42	8	39	89	35	207
691	S O C I A L		Medical Sociology	1	1	1	0	0	4	9	14
692			Human Genetics	3	0	7	0	2	7	7	23
693			Applied Pharmacology and Medical Pharmacology	2	0	2	0	4	18	4	27

Table 32. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
694	MEDICINE		Pathological Examination	3	0	3	1	3	17	9	30
696			Science of Basic and Local Nursing	1	3	5	2	0	3	39	50
697			Science of Clinical Nursing	0	1	2	1	0	3	15	19
			Medicine in General total	10	5	20	4	9	52	83	163
	MEDICINE Total			370	191	596	91	524	1,057	2,335	4,371
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	3	0	1	1	1	10	16
703			Physical Education	7	8	15	1	4	25	68	114
704			Human Geography	4	4	8	2	1	1	14	28
705			Physical Geography	0	1	8	4	1	7	15	30
			Geography total	4	5	16	6	2	8	29	58
706			Home Science(inclu. Cloth/Living Environments)	0	1	2	1	0	2	27	32
707			Food Culture	0	0	0	0	1	1	6	8
			Domestic Science total	0	1	2	1	1	3	33	40
708			Science of Cultural Property	0	2	1	1	0	1	4	7
711			Science Education	4	1	6	4	2	2	9	19
712			Educational Engineering	2	2	7	2	4	7	11	26
713			Curriculum Studies	7	4	18	1	2	3	51	73
714			Japanese Language Education	2	3	9	1	1	2	18	29
			Science Education·Curriculum Education total	15	10	40	8	9	14	89	147
721			Statistics	3	3	17	2	1	15	9	44
731			Computer Science	5	7	76	5	28	147	55	272
732			Intelligent Informatics	3	5	62	3	25	110	58	214
733			Study of Information System (Inclu. Library and Information Science)	3	3	19	5	12	35	18	77
			Information Science total	11	15	157	13	65	292	131	563
741			Social System Engineering	1	2	17	3	3	21	18	46
751			Natural Disaster Science	1	1	8	2	1	11	5	18
761			Plasma Science and Technology	4	6	56	6	13	52	25	130
772			Nuclear Fusion	2	4	22	3	10	23	4	52
773			Energy Science General	1	2	13	2	5	32	9	50
774			Nuclear Power Science	2	5	9	2	16	33	17	71
			Energy total	5	11	44	7	31	88	30	173
801			Environmental Dynamic Analysis	3	6	14	7	5	11	16	43
802			Environmental Influence Assessment (inclu. Radiobiology)	4	2	10	2	5	14	7	36
803			Environmental Preservation	11	5	9	6	6	22	5	41
			Environmental Science total	18	13	33	15	16	47	28	120
811			Biological Organic Chemistry	4	3	8	6	4	18	12	43
812			Structured Biochemistry	3	2	18	1	4	13	5	41
813			Functional Biochemistry	8	5	23	5	7	23	19	75
			Biological Chemistry total	15	10	49	12	15	54	36	159
821			Biophysics	13	4	32	4	7	23	26	87
822			Molecular Biology	30	16	91	14	32	64	70	258
823			Cell Biology	11	7	26	10	7	20	26	95
824			Developmental Biology	9	2	33	5	6	14	18	77
			Basic Biology total	63	29	182	33	52	121	140	517
831			Neuroanatomy and Neuropathology	3	3	12	2	0	5	19	41
832			Neurochemistry and Neuropharmacology	3	2	15	4	5	14	9	42
833			Neuro Science in General	5	6	27	5	16	21	23	94
834			Neuro and Muscular Physiology	8	4	19	3	3	18	14	61
			Neuro Science (inclu. Brain Science) total	19	15	73	14	24	58	65	238
841			Laboratory Animal Science	1	1	4	2	1	10	1	17
851			Medical Organism Engineering and Material Science of Organism	2	4	48	3	13	58	30	128
	INTERDISCIPLINARY AREA Total			171	139	762	130	252	879	751	2,535
999	WIDE AREA Total			13	8	19	7	13	34	43	110
	Item n.a. Total			2	2	2	4	3	8	11	27
	Grand Total			1,363	956	3,969	737	1,957	5,635	6,096	17,098

Table 33. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	0	0	0	0	1	0	5	6
212			Chinese Philosophy	0	0	0	1	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0
214			Religion	0	0	1	0	0	0	1	1
215			Ethics	0	0	1	0	0	0	2	2
216			History of Philosophy	1	1	0	1	2	0	5	7
217			Aesthetics (inclu. Arts)	6	2	0	0	3	2	10	19
218			Art History	1	0	0	0	0	0	4	5
		Philosophy total	8	3	2	2	6	2	27	41	
221			Experimental Psychology	0	0	0	0	3	1	6	10
222			Educational and Social	0	0	1	0	2	0	7	8
223			Sociology (inclu. Social Welfare)	3	3	3	2	5	1	17	27
224			Education	1	1	1	0	4	0	6	9
225			Cultural Anthropology (i n c l u . Ethnology and Folklore)	1	1	0	1	3	1	3	6
		Psychology• Sociology • Education Cultural Anthropology total	5	5	5	3	17	3	39	60	
231			Japanese History	0	0	0	0	0	0	0	0
232			Oriental History	0	2	2	0	2	0	7	8
233			European History	0	0	1	0	0	0	2	3
234			Archaeology (inclu. Prehistory)	0	0	0	1	1	1	1	1
		History total	0	2	3	1	3	1	10	12	
241			Japanese Language	0	0	0	0	0	0	1	1
242			Japanese Literature	1	0	0	0	1	0	3	5
243			Chinese Language and Literature	1	0	0	0	0	0	2	3
244			English Language and Literature	0	2	0	1	5	0	14	20
245			French Language and Literature	0	0	1	0	1	0	2	4
246			German Language and Literature	0	0	0	0	2	0	1	3
247			Other Foreign Languages and Literatures	0	1	0	0	1	0	4	6
248			Linguistics and Phonetics	2	0	1	0	3	0	6	11
249			Literature in General (i n c l u . Literary Theory, Comparative Literature) and Western Classics	0	0	0	0	0	0	0	0
		Literature total	4	3	2	1	13	0	33	53	
	ARTS • HUMANITIES Total			17	13	12	7	39	6	109	166
261	LAW	Basic Science of Law	0	0	0	0	0	1	0	1	
262		Public Law	1	0	1	0	0	0	0	1	
263		International Law	0	0	0	0	0	0	1	1	
264		Civil Law	1	0	0	0	1	2	2	6	
265		Social Law	0	0	1	1	0	0	0	2	
266		Criminal Law	0	0	0	0	0	0	1	1	
267		Politics	2	1	0	0	4	4	5	12	
	LAW Total			4	1	2	1	5	7	9	24
271	ECONOMICS	General Theory of Economics	1	0	2	0	6	0	11	16	
272		Economical Statistics	0	0	1	0	0	0	0	1	
273		Economic Policy (inclu. Economic Condition)	2	1	1	2	4	2	12	17	
274		Economic History	0	0	0	0	2	0	1	3	
275		Public Finance, Money and Banking	1	1	2	0	1	2	2	7	
276		Commercial Science	0	0	0	0	1	0	2	3	
277		Business Administration	2	1	1	2	1	3	5	12	
278		Accounting	2	1	0	1	0	0	2	5	
	ECONOMICS Total			8	4	7	5	15	7	35	64
301	SCIENCE		Algebra	0	0	2	0	0	0	2	4
302			Geometry	1	2	4	0	1	0	0	7
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	2	0	3	0	1	6
305			Basic Analysis	1	1	0	0	4	1	2	9
306			Larger-area Analysis	0	0	3	0	3	0	0	5
		Mathematics total	2	3	11	0	11	1	5	31	
311			Astronomy	0	0	1	0	0	0	0	1
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	2	6	0	5	3	5	17
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	1	1	0	1	7	9
323			Solid - State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	1	0	3	0	3	5	6	18
324			Physics in General	0	0	0	0	0	0	4	4
		Physics total	3	2	11	1	10	10	23	53	
331		Physics of Solid Earth	0	0	0	0	0	1	2	3	

Table 33. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
332	S 										

Table 33. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
443	E N G I N E E R I N G	Architecture	City Planning and Building Planning	2	0	3	0	2	1	5	10
444			Architectural History and Design	1	1	0	0	0	0	0	2
		Architecture total		5	1	4	0	3	1	12	21
451		Material Engineering	Physical Metallurgy	1	0	1	0	1	1	1	4
452			Inorganic Materials and	0	0	2	0	1	3	3	7
453		Process Engineering	Composed Materials and Properties	1	0	0	0	3	2	1	7
454			Structural and Functional Materials	0	1	1	0	1	6	0	8
455		Industrial Chemistry	Metallurgy and Material	0	0	0	0	0	2	1	2
456			Metal Productive Engineering	0	0	0	0	0	0	1	1
		Material Engineering total		2	1	4	0	6	14	7	29
461		Chemical Engineering	Chemical Engineering in General	1	1	0	0	2	1	2	5
462			Reaction and Separation Engineering	0	0	2	0	0	1	1	3
463		Catalyst and Chemical Process	Catalyst and Chemical Process	0	0	0	0	1	0	0	1
464			Bioengineering	2	1	0	0	1	0	4	4
465		Industrial Analytical Chemistry	Industrial Analytical Chemistry	0	0	1	1	0	1	3	4
			Process Engineering total	3	2	3	1	4	3	10	17
471		Industrial Physical Chemistry	Industrial Physical Chemistry	1	1	1	0	0	1	2	5
472			Industrial Inorganic Chemistry	0	0	1	0	0	0	1	2
473		Industrial Organic Chemistry	Industrial Organic Chemistry	0	0	1	0	2	0	0	3
474			Synthetic Chemistry	0	0	1	0	1	3	2	6
475		Polymer Synthesis	Polymer Synthesis	2	0	1	0	0	1	4	6
476			Polymer Structure and Property (inclu. Fiber)	0	0	1	0	2	3	4	8
		Industrial Chemistry total		3	1	6	0	5	8	13	30
481		Aeronautics	Aeronautics	0	0	1	0	2	0	3	5
482			Ship Engineering	0	1	2	1	1	1	0	4
483		Marine Engineering	Marine Engineering	0	0	0	0	1	0	0	1
484			Resource Development Engineering	0	0	0	0	0	0	0	0
		Synthetic Engineering total		0	1	3	1	4	1	3	10
		ENGINEERING Total		24	10	47	5	71	87	146	314
501	A G R I C U L T U R E	Plant Breeding	Plant Breeding	1	0	2	0	1	1	1	4
502			Crop Science	0	0	0	0	1	0	0	1
503		Horticulture and Landscape Architecture	Horticulture and Landscape Architecture	1	1	0	0	2	1	7	10
504			Plant Protection	2	0	0	1	0	0	4	7
505		Sericultural Science and Economic Entomology	Sericultural Science and Economic Entomology	0	0	0	0	0	0	0	0
			Agriculture total	4	1	2	1	4	2	12	22
511		Plant Fertilizer and Manure and Soil Science	Plant Fertilizer and Manure and Soil Science	1	0	2	1	0	2	1	5
512			Applied Microbiochemistry and Applied Biochemistry	0	0	1	0	3	1	3	8
513		Biological Productive Chemistry and Bioorganic Chemistry	Biological Productive Chemistry and Bioorganic Chemistry	0	0	1	0	1	4	1	5
514			Food Science and Nutritional Chemistry	2	0	1	1	8	1	10	19
		Agricultural Chemistry total		3	0	5	2	12	8	15	37
521		Forestry	Forestry	0	0	1	2	0	1	3	4
522			Wood Science	3	0	1	0	3	1	1	5
		Forestry total		3	0	2	2	3	2	4	9
531		Fisheries in General	Fisheries in General	1	0	1	0	0	0	0	2
532			Fisheries Chemistry	0	0	0	0	0	0	0	0
		Fisheries total		1	0	1	0	0	0	0	2
541		Agricultural Economics	Agricultural Economics	1	0	1	0	0	0	2	3
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	1	0	0	0	1	2
552		Agricultural Machinery	Agricultural Machinery	0	0	2	0	0	1	0	3
553			Biological Environment	0	0	0	0	1	0	1	2
		Agricultural Engineering total		0	0	3	0	1	1	2	7
561		Animal Science and Grassland Science	Animal Science and Grassland Science	0	0	1	0	1	1	1	2
562			Applied Animal Science	0	0	0	0	0	0	1	1
563		Basic Veterinary Medicine and Basic Animal Science	Basic Veterinary Medicine and Basic Animal Science	1	1	1	0	0	1	2	5
564			Applied Veterinary Medicine	0	0	1	0	2	0	0	3
		Animal Science-Veterinary Medicine total		1	1	3	0	3	2	4	11
571		Biological Resource Science	Biological Resource Science	0	0	0	0	0	1	0	1
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0
		Interdisciplinary Agricultural Science total		0	0	0	0	0	1	0	1
		AGRICULTURE Total		13	2	17	5	23	16	39	92

Table 33. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	0	0	1	0	2	0	7	9
602			Physiology in General	1	1	2	2	2	0	5	8
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	3	0	0	1	4	7
604			Pharmacology in General	0	0	3	0	2	1	5	9
605			Medical Chemistry in General	0	2	0	0	3	3	5	11
606			Pathological Medical Chemistry	2	0	1	0	0	3	5	8
			Physiology total	3	3	10	2	9	8	31	52
611			Hominal Pathology	1	0	0	0	1	0	5	6
612			Experimental Pathology	7	2	3	0	5	2	7	18
613			Parasitology (inclu. Medical Zoology)	0	0	0	1	0	1	2	4
614			Bacteriology (inclu. Eumycetes)	1	2	3	0	2	2	3	8
615			Virology	2	2	0	3	1	2	2	9
616			Immunology	1	1	1	0	1	0	4	7
			Pathology total	12	7	7	4	10	7	23	52
621			Hygiene	0	0	0	0	1	0	5	6
622			Public Health and Health	3	1	3	0	4	0	14	21
623			Legal Medicine	0	1	0	0	3	0	3	7
			Social Medicine total	3	2	3	0	8	0	22	34
631			Internal Medicine in General	2	1	2	0	4	2	13	18
632			Gastroenterology	3	0	1	1	2	6	23	28
633			Internal Medicine Respiratory System	1	0	0	0	0	0	15	16
634			Neurological Medicine	1	0	0	0	1	2	4	8
635			Cardioangiopathy	0	1	0	0	4	1	25	28
636			Pediatrics	2	2	0	1	8	2	24	33
637			Dermatology	1	2	2	1	4	5	17	28
638			Radiology	3	1	1	0	5	0	18	21
639			Neuropsychiatry	1	0	0	0	4	0	19	21
640			Endocrinology and Metabolic Science	2	1	0	0	1	1	3	6
641			Hematology	3	2	2	0	1	0	13	14
642			Internal Medicine of Kidney	0	0	0	0	0	3	6	8
643			Embryology and Newborn	0	0	0	0	0	0	1	1
644			Endocrinology	0	0	0	0	1	0	1	2
645			Metabolic Science	0	1	0	0	0	0	0	1
			Internal Medicine total	19	11	8	3	35	22	182	233
651			Surgery in General	2	2	1	1	5	1	10	19
652			Gastroenterological Surgery	5	0	0	1	2	2	23	28
653			Thoracic Surgery	0	1	0	1	2	0	9	13
654			Neurosurgery	4	1	1	0	2	0	28	31
655			Orthopedic Surgery	6	5	1	0	5	0	45	50
656			Anesthesiology and Rescue Medicine	2	3	1	1	3	2	29	38
657			Urology	1	3	0	0	3	1	20	25
658			Obstetrics and Gynecology	3	2	4	0	3	1	12	19
659			Oto-rhino-laryngology	2	2	1	0	1	2	24	28
660			Ophthalmology	3	0	1	0	9	2	21	32
661			Pediatric Surgery	1	0	1	0	0	0	3	4
662			Formative Surgery	0	0	0	0	0	0	1	1
			Surgery total	29	19	11	4	35	11	225	288
671			Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	2	0	1	3
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	1	0	0	0	2	0	2	5
674			Conservative Dentistry	0	0	0	0	3	0	0	3
675			Prosthodontics and Dental Technology	0	0	0	0	4	0	2	6
676			Oral Surgery	0	1	0	0	3	2	12	17
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	1	1	0	0	2
678			Periodontological Dentistry	0	0	0	0	1	0	0	1
			Dentistry total	1	1	0	1	16	2	17	37
681			Chemical Pharmaceutics	1	2	2	0	3	6	3	14
682			Physical Pharmaceutics	1	1	0	0	2	4	2	5
683			Biopharmaceutics	0	1	1	0	4	5	3	12
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0
			Pharmaceutics total	2	4	3	0	9	15	8	31
691			Medical Sociology	0	0	0	0	0	0	1	1
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

Table 33. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
694	M E D I C I N E		Pathological Examination	0	0	0	0	1	3	5	7
696			Science of Basic and Local Nursing	2	0	0	1	7	3	11	21
697			Science of Clinical Nursing	0	0	0	0	2	0	6	8
			Medicine in Gene r a l total	2	0	0	1	10	6	23	37
	MEDICINE Total			71	47	42	15	132	71	531	764
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	1	
703			Physical Education	1	0	0	0	3	1	11	14
704			Human Geography	0	0	0	2	1	0	3	6
705			Physical Geography	0	0	0	0	1	0	3	4
			Geography total	0	0	0	2	2	0	6	10
706			Home Science(inclu. Cloth/Living Environments)	2	1	1	0	0	1	8	11
707			Food Culture	1	0	0	0	1	0	3	5
			Domestic Science total	3	1	1	0	1	1	11	16
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			Educational Engineering	0	0	0	0	0	1	0	1
713			Curriculum Studies	0	0	0	0	1	0	2	3
714			Japanese Language Education	0	0	0	0	0	0	0	0
			Science Education·Curriculum Education total	0	0	0	0	1	1	2	4
721			Statistics	0	0	0	0	0	0	0	0
731			Computer Science	1	0	2	0	7	2	6	13
732			Intelligent Informatics	1	0	9	1	3	9	4	20
733			Study of Information System (Inclu. Library and Information Science)	0	2	2	2	1	4	2	8
			Information Science total	2	2	13	3	11	15	12	41
741			Social System Engineering	0	0	2	0	1	1	0	4
751			Natural Disaster Science	0	0	1	0	0	1	1	2
761			Plasma Science and Technology	0	1	0	0	0	0	3	4
772			Nuclear Fusion	0	0	1	0	0	0	1	1
773			Energy Science General	0	0	0	0	0	1	1	2
774			Nuclear Power Science	0	0	0	0	0	0	0	0
			Energy total	0	0	1	0	0	1	2	3
801			Environmental Dynamic Analysis	0	0	0	0	0	4	3	4
802			Environmental Influence Assessment (inclu. Radiobiology)	1	1	0	0	0	1	2	4
803			Environmental Preservation	1	0	0	0	1	0	0	2
			Environmental Science total	2	1	0	0	1	5	5	10
811			Biological Organic Chemistry	0	0	0	0	1	0	3	3
812			Structured Biochemistry	0	0	3	0	0	3	3	8
813			Functional Biochemistry	0	0	2	0	2	1	4	8
			Biological Chemistry total	0	0	5	0	3	4	10	19
821			Biophysics	1	1	0	0	1	0	2	5
822			Molecular Biology	2	0	5	0	5	3	4	16
823			Cell Biology	1	0	1	2	2	0	4	9
824			Developmental Biology	1	0	2	0	1	1	2	6
			Basic Biology total	5	1	8	2	9	4	12	36
831			Neuroanatomy and Neuropathology	0	1	1	0	1	3	2	8
832			Neurochemistry and Neuropharmacology	1	0	0	0	2	0	2	4
833			Neuro Science in General	1	1	4	0	3	2	4	13
834			Neuro and Muscular Physiology	1	1	2	0	0	0	8	8
			Neuro Science (inclu. Brain Science) total	3	3	7	0	6	5	16	33
841			Laboratory Animal Science	0	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	2	2	3	6
	INTERDISCIPLINARY AREA Total			16	10	38	7	40	41	96	205
999	WIDE AREA Total			3	2	2	1	6	4	16	28
	Item n.a. Total			0	1	0	1	1	1	8	10
	Grand Total			173	101	217	52	373	263	1,061	1,853

Table 34. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	9	4	4	0	27	2	19	53
212			Chinese Philosophy	2	5	0	1	4	1	4	11
213			Indian Philosophy (inclu. Buddhist Studies)	10	7	2	2	18	1	10	39
214			Religion	13	6	2	0	26	3	15	55
215			Ethics	2	2	1	0	5	2	7	13
216			History of Philosophy	2	2	0	1	10	0	10	20
217			Aesthetics (inclu. Arts)	20	17	2	2	24	6	41	94
218			Art History	4	1	2	2	4	4	12	22
			Philosophy total	62	44	13	8	118	19	118	307
221			Experimental Psychology	3	2	5	1	29	7	22	57
222			Educational and Social	10	7	4	2	61	6	64	124
223			Sociology (inclu. Social Welfare)	31	18	11	11	69	21	80	176
224			Education	11	18	9	5	52	6	52	127
225			Cultural Anthropology (inclu. Ethnology and Folklore)	13	10	7	2	28	2	28	66
			Psychology • Sociology • Education Cultural Anthropology total	68	55	36	21	239	42	246	550
231			Japanese History	8	4	2	2	9	0	14	33
232			Oriental History	8	10	7	2	18	2	19	53
233			European History	8	4	2	2	20	4	32	60
234			Archaeology (inclu. Prehistory)	3	3	4	1	3	2	12	20
			History total	27	21	15	7	50	8	77	166
241			Japanese Language	2	3	1	2	11	1	8	22
242			Japanese Literature	10	6	0	4	19	6	26	59
243			Chinese Language and	11	7	1	2	34	0	31	72
244			English Language and Literature	27	29	6	4	167	11	129	303
245			French Language and Literature	5	5	2	1	15	1	15	36
246			German Language and Literature	9	6	1	1	16	2	14	39
247			Other Foreign Languages and Literatures	11	5	2	1	19	2	19	42
248			Linguistics and Phonetics	17	17	6	2	84	4	79	159
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western	7	5	1	1	20	1	15	36
			Literature total	99	83	20	18	385	28	336	768
			ARTS • HUMANITIES Total	256	203	84	54	792	97	777	1,791
261	LAW		Basic Science of Law	2	3	1	1	15	5	6	24
262			Public Law	10	3	1	1	16	4	12	33
263			International Law	6	4	1	4	10	3	10	26
264			Civil Law	7	3	6	6	21	8	25	57
265			Social Law	3	3	3	2	2	1	5	11
266			Criminal Law	7	1	1	2	9	2	7	24
267			Politics	25	24	9	15	42	16	45	120
			LAW Total	60	41	22	31	115	39	110	295
271	ECONOMICS		General Theory of Economics	15	8	7	4	54	6	32	99
272			Economical Statistics	3	2	2	1	11	1	5	17
273			Economic Policy (inclu. Economic Condition)	32	29	6	13	44	14	41	128
274			Economic History	5	1	4	1	14	2	7	27
275			Public Finance, Money and Banking	8	5	2	0	16	4	11	33
276			Commercial Science	5	3	3	1	19	4	27	52
277			Business Administration	30	13	5	7	65	11	64	147
278			Accounting	4	2	1	2	23	3	26	48
			ECONOMICS Total	102	63	30	29	246	45	213	551
301	SCIENCE		Algebra	4	4	9	0	10	0	5	24
302			Geometry	3	0	4	0	12	0	7	23
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	7	7	9	1	35	4	20	61
305			Basic Analysis	1	3	13	1	22	3	8	40
306			Larger-area Analysis	1	0	3	0	4	0	2	9
			Mathematics total	16	14	38	2	83	7	42	157
311			Astronomy	1	1	1	0	7	0	3	12
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	4	6	17	1	56	4	26	88
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	5	0	3	3	41	2	14	59
323			Solid - State Physics II (Magnetism, Metal Physics, Superconductivity)	3	1	3	1	38	2	9	50
324			Physical Properties in General (inclu. Basic Theories)	5	2	7	1	21	2	5	34
325			Physics in General	1	0	3	1	13	0	10	25
			Physics total	18	9	33	7	169	10	64	256
331			Physics of Solid Earth	1	0	2	2	4	3	3	12
332			Meteorology, Oceanography and Hydrology	2	2	4	1	6	4	2	12

Table 34. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
333	S		Aeronomy	0	0	3	0	1	1	1	6
334			Geology	0	2	0	0	2	1	1	5
335			Stratigraphy and Paleontology	1	2	1	0	2	0	1	5
336			Mineralogy, Petrology and Study of Mineral Deposit	2	0	0	1	3	0	2	7
337			Geochemistry	0	1	0	1	1	0	0	2
			Earth Science total	6	7	10	5	19	9	10	49
341			Physical Chemistry	4	5	3	0	30	8	18	58
342			Organic Chemistry	3	3	1	0	19	3	10	33
343			Inorganic Chemistry	2	2	3	0	12	0	11	26
344			Function, Properties and Materials in Chemistry	2	1	2	1	17	7	7	27
345	C		Substance Transformation	0	0	0	0	3	1	0	3
346			Separation, Refining and Identification	1	2	1	0	6	1	5	12
			Chemistry total	12	13	10	1	87	20	51	159
351			Genetics	1	0	0	0	6	0	2	8
352			Ecology	5	1	1	1	6	4	7	18
353			Plant Physiology	3	1	1	0	16	0	6	24
354			Morphology, Structure of Organism	0	0	1	0	5	1	6	11
355			Animal Physiology and	0	1	1	0	5	2	4	11
356			Morphology and Taxonomy	2	2	0	3	6	1	5	12
			Biology total	11	5	4	4	44	8	30	84
361	E		Physical Anthropology (incl. Physiological Anthropology)	1	0	1	0	3	0	3	6
			SCIENCE Total	65	49	97	19	412	54	203	723
401	G		Applied Physics of Property and Crystallography	2	0	3	2	22	4	9	30
402			Surface Physics	2	1	3	3	14	2	8	24
403			Applied Optics and Quantum Optics	2	1	4	4	27	10	13	46
404			General Applied Physics	0	0	2	0	6	3	6	15
405			Fundamentals of Engineering	0	0	1	0	6	3	3	8
			Applied Physics· Fundamentals of Engineering total	6	2	13	9	75	22	39	123
411			Materials for Machines and Strength of Materials	2	1	5	3	54	17	18	82
412			Workshop Processes and Production Engineering	3	4	7	4	34	8	10	49
413			Design Engineering, Machine Elements and Tribology	0	1	1	0	28	9	7	41
414			Fluid Mechanics	0	1	3	5	42	12	26	72
415	N		Heat Engineering	1	5	6	1	35	16	12	57
416			Mechanics and Control Engineering	2	2	2	0	32	12	13	52
417			Intelligent Mechanics and Machine System	1	2	6	5	28	9	15	56
			Machine Engineering total	9	16	30	18	253	83	101	409
421			Electric Power Engineering and Electric Machinery	2	4	3	6	53	26	20	91
422			Electronic and Electric Materials Engineering	5	5	12	1	59	16	17	85
423			Electron Devices and Apparatus Engineering	5	1	10	2	50	18	19	82
424			Information and Communication Engineering	7	4	12	6	101	45	26	150
425			System Engineering	1	2	3	2	32	4	9	43
427			Electronic Measurements	0	3	1	2	38	21	15	63
428	I		Control Engineering	1	0	2	0	17	5	9	29
			Electric and Electronic Engineering	21	19	43	19	350	135	115	543
431			Construction Materials and Dynamics in General Civil Engineering	0	1	1	1	19	7	5	25
432			Structural Engineering and Seismology	0	3	1	0	23	10	6	35
433			Ground Engineering	0	1	2	1	16	5	7	25
434			Hydraulics and River Engineering	2	1	2	1	13	3	7	26
435			Traffic Engineering and Regional Planning	3	0	3	6	8	10	13	29
436			Civil Environmental System	3	6	5	5	9	9	9	30
			Civil Engineering total	8	12	14	14	88	44	47	170
441			Building Structure and Materials	4	2	3	1	21	9	21	50
442	R		Building Science and Building Equipment	3	0	1	1	17	2	14	32
443			City Planning and Building Planning	7	3	5	4	27	8	21	59
444			Architectural History and Design	1	2	3	1	8	2	4	16
			Architecture total	15	7	12	7	73	21	60	157

Table 34. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation etc.(contribution, entrusted fund included)	At one's own expenses	Total				
451	E N G I N E E R I N G		Physical Metallurgy	0	2	2	1	10	1	6	20				
452			Inorganic Materials and	3	0	2	1	24	11	13	42				
453			Composed Materials and Properties	1	0	3	0	8	7	4	20				
454			Structural and Functional Materials	2	1	2	3	12	4	5	21				
455			Metallurgy and Material	1	0	1	1	13	4	7	22				
456			Metal Productive Engineering	0	0	1	0	3	3	1	6				
			Material Engineering total	7	3	11	6	70	30	36	131				
461			G I N E E R I N G		Chemical Engineering in General	0	1	1	0	9	4	3	14		
462					Reaction and Separation Engineering	0	1	2	1	9	1	6	14		
463					Catalyst and Chemical Process	0	1	0	2	5	4	2	10		
464	Bioengineering	1			1	1	1	9	4	6	18				
465	Industrial Analytical Chemistry	2			0	1	0	6	1	2	7				
	Process Engineering total	3			4	5	4	38	14	19	63				
471	E N G I N E E R I N G				Industrial Physical Chemistry	0	1	1	0	19	6	8	25		
472					Industrial Inorganic Chemistry	1	0	1	1	7	1	2	9		
473					Industrial Organic Chemistry	0	2	2	0	10	4	3	16		
474					Synthetic Chemistry	2	1	0	0	9	4	5	17		
475			Polymer Synthesis	4	1	4	1	11	7	3	19				
476			Polymer Structure and Property (inclu. Fiber)	1	2	1	0	19	4	7	27				
			Industrial Chemistry total	8	7	9	2	75	26	28	113				
481			G		Aeronautics	1	0	2	1	9	2	5	15		
482					Ship Engineering	0	0	0	0	2	2	1	4		
483					Marine Engineering	0	0	0	2	2	0	3	6		
484	Resource Development Engineering	2			2	1	0	2	2	2	5				
	Synthetic Engineering total	3			2	3	3	15	6	11	30				
	ENGINEERING Total			80	72	140	82	1,037	381	456	1,739				
501	A G R I C U L T U R E		Plant Breeding	0	0	1	0	2	0	2	5				
502			Crop Science	1	0	0	1	0	1	1	2				
503			Horticulture and Landscape Architecture	2	3	1	2	8	4	8	19				
504			Plant Protection	1	0	2	0	4	1	2	7				
505			Sericultural Science and Economic Entomology	0	0	0	0	2	0	4	5				
			Agriculture total	4	3	4	3	16	6	17	38				
511			A G R I C U L T U R E		Plant Fertilizer and Manure and Soil Science	0	1	1	0	5	1	3	8		
512					Applied Microbiochemistry and Applied Biochemistry	4	3	5	5	10	5	12	35		
513					Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	1	2	3	1	6		
514					Food Science and Nutritional Chemistry	1	4	2	2	21	7	24	51		
	Agricultural Chemistry total	7			8	8	8	38	16	40	100				
521	C M E D I C I N E				Forestry	0	1	0	0	1	0	3	5		
522					Wood Science	0	1	0	0	1	0	2	4		
					Forestry total	0	2	0	0	2	0	5	9		
531					U N I V E R S I T Y		Fisheries in General	4	0	3	2	7	0	8	18
532							Fisheries Chemistry	0	0	1	0	0	2	2	5
			Fisheries total	4			0	4	2	7	2	10	23		
541			Agricultural Economics	3			2	3	2	11	2	5	22		
551			T E C H N I C A L				Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	0	1	1	3	0	1	7
552							Agricultural Machinery	0	0	1	1	3	0	1	6
553							Biological Environment	1	1	1	1	1	1	0	3
	Agricultural Engineering total	3					1	3	3	7	1	2	16		
561	E N G I N E E R I N G						Animal Science and Grassland Science	0	1	0	1	8	2	4	15
562							Applied Animal Science	0	0	1	1	2	2	4	10
563					Basic Veterinary Medicine and Basic Animal Science	2	0	0	0	7	3	9	18		
564					Applied Veterinary Medicine	2	2	0	0	6	2	9	16		
					Animal Science· Veterinary Medicine total	4	3	1	2	23	9	26	59		
571					A G R I C U L T U R E		Biological Resource Science	1	0	1	0	1	1	1	4
572			Applied Molecular Cell Biology	0			0	0	0	2	0	1	3		
			Interdisciplinary Agricultural Science total	1			0	1	0	3	1	2	7		
			AGRICULTURE Total				26	19	24	20	107	37	107	274	
601			C M E D I C I N E				Anatomy in General (inclu. Histology, Embryology)	4	3	6	0	18	5	23	53
602	Physiology in General	2					3	7	3	21	9	34	64		

Table 34. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
603	M E D I C I N E		Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	1	4	17	6	30	44
604			Pharmacology in General	2	5	1	2	14	7	17	39
605			Medical Chemistry in General	6	3	6	1	11	2	14	39
606			Pathological Medical Chemistry	2	1	0	0	5	6	13	21
			Physiology total	16	16	21	10	86	35	131	260
611			Hominal Pathology	4	4	3	0	21	5	35	61
612			Experimental Pathology	3	1	2	1	12	2	11	26
613			Parasitology (inclu. Medical Zoology)	1	2	3	8	4	3	5	19
614			Bacteriology (inclu. Eumycetes)	5	3	3	0	13	9	11	34
615			Virology	2	2	1	0	2	3	6	15
616			Immunology	3	1	4	2	17	7	16	45
			Pathology total	18	13	16	11	69	29	84	200
621			Hygiene	0	0	2	0	12	4	30	44
622			Public Health and Health	5	9	4	2	34	8	30	69
623			Legal Medicine	0	0	0	0	12	2	12	24
			Social Medicine total	5	9	6	2	58	14	72	137
631			Internal Medicine in General	7	4	1	1	25	12	52	87
632			Gastroenterology	18	4	4	0	23	8	80	111
633			Internal Medicine Respiratory System	7	4	0	1	20	3	46	69
634			Neurological Medicine	4	7	4	1	18	4	39	60
635			Cardioangiopathy	12	10	6	0	34	6	125	169
636			Pediatrics	17	3	1	0	22	8	60	88
637			Dermatology	8	2	1	1	17	3	41	62
638			Radiology	9	3	1	1	39	11	69	111
639			Neuropsychiatry	11	4	1	2	27	8	63	99
640			Endocrinology and Metabolic Science	6	4	0	0	6	3	26	37
641			Hematology	2	2	4	0	15	8	35	55
642			Internal Medicine of Kidney	1	5	1	1	13	3	46	65
643			Embryology and Newborn	2	0	0	0	0	2	5	7
644			Endocrinology	6	1	1	0	3	0	25	32
645			Metabolic Science	2	0	0	0	10	1	23	31
			Internal Medicine total	112	53	25	8	272	80	735	1,083
651	I C I N E		Surgery in General	13	4	3	0	22	5	77	105
652			Gastroenterological Surgery	4	3	0	0	22	3	93	114
653			Thoracic Surgery	4	3	1	0	23	3	44	69
654			Neurosurgery	9	4	1	0	20	3	58	78
655			Orthopedic Surgery	15	3	1	2	25	6	105	129
656			Anesthesiology and Rescue Medicine	10	6	2	0	18	4	29	59
657			Urology	2	5	0	0	19	2	53	75
658			Obstetrics and Gynecology	5	2	0	1	13	4	54	70
659			Oto-rhino-laryngology	3	2	1	1	26	2	27	56
660			Ophthalmology	7	7	0	1	10	3	39	55
661			Pediatric Surgery	0	0	1	0	3	0	11	13
662			Formative Surgery	0	0	0	0	5	0	21	23
			Surgery total	72	39	10	5	206	35	611	846
671			Oral Anatomy and Morphological Basic Dentistry	1	5	1	1	39	0	21	60
672			Functional Basic Dentistry	3	2	6	1	30	1	21	54
673			Morbid Dentistry (inclu. Dental Radiology)	1	0	2	0	18	3	13	33
674			Conservative Dentistry	5	3	3	0	61	3	49	109
675			Prosthodontics and Dental Technology	7	4	3	1	63	3	63	127
676			Oral Surgery	5	2	7	1	41	6	33	82
677			Orthodontics, Pedodontics and Social Dentistry	3	4	1	0	30	1	35	66
678			Periodontological Dentistry	0	0	0	0	4	0	8	12
			Dentistry total	25	20	23	4	286	17	243	543
681			Chemical Pharmaceutics	4	4	8	0	63	15	8	93
682			Physical Pharmaceutics	6	3	1	1	20	7	10	43
683			Biopharmaceutics	11	4	5	1	83	12	35	129
684			Molecular Pharmaceutics	1	0	0	0	8	1	2	11
685			Environmental Pharmaceutics	0	0	1	0	0	0	2	3
			Pharmaceutics total	22	11	15	2	174	35	57	279
691			Medical Sociology	3	1	0	0	5	0	6	12
692			Human Genetics	1	0	2	1	2	2	4	7
693			Applied Pharmacology and Medical Pharmacology	4	3	0	1	16	6	9	29
694			Pathological Examination	1	0	3	0	8	4	12	25
696			Science of Basic and Local Nursing	0	1	0	0	7	0	15	23
697			Science of Clinical Nursing	1	1	1	1	3	0	7	11
			Medicine in Gene r a l total	10	6	6	3	41	12	53	107

Table 34. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
			MEDICINE Total	280	167	122	45	1,192	257	1,986	3,455
702			History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	0	1	0	12	2	2	17
703			Physical Education	6	8	3	0	46	9	60	107
704			Human Geography	4	1	0	0	10	0	13	24
705			Physical Geography	1	3	1	0	5	0	7	13
			Geography total	5	4	1	0	15	0	20	37
706			Home Science(inclu. Cloth/Living Environments)	6	4	5	0	25	2	37	70
707			Food Culture	0	0	0	0	6	1	9	16
			Domestic Science total	6	4	5	0	31	3	46	86
708			Science of Cultural Property	0	1	0	0	0	0	0	1
711			Science Education	3	3	2	1	4	2	5	12
712			Educational Engineering	1	1	2	0	11	3	10	24
713			Curriculum Studies	1	3	0	0	13	4	14	31
714			Japanese Language Education	2	2	1	2	6	1	4	11
			Science Education·Curriculum Education total	7	9	5	3	34	10	33	78
721			Statistics	3	0	1	3	12	4	5	20
731			Computer Science	5	8	7	2	55	32	28	101
732			Intelligent Informatics	1	4	7	0	35	16	11	61
733			Study of Information System (Inclu. Library and Information Science)	5	5	4	3	38	11	21	77
			Information Science total	11	17	18	5	128	59	60	239
741			Social System Engineering	4	1	6	1	32	7	10	47
751			Natural Disaster Science	0	0	1	1	2	0	0	3
761			Plasma Science and Technology	0	1	0	0	11	6	4	19
772			Nuclear Fusion	0	0	1	1	2	0	0	3
773			Energy Science General	1	0	0	1	7	3	3	11
774			Nuclear Power Science	0	0	1	0	3	1	1	6
			Energy total	1	0	2	2	12	4	4	20
801			Environmental Dynamic Analysis	0	1	0	1	4	5	1	9
802			Environmental Influence Assessment (inclu. Radiobiology)	3	2	0	0	7	4	5	15
803			Environmental Preservation	3	3	0	3	15	5	7	23
			Environmental Science total	6	6	0	4	26	14	13	47
811			Biological Organic Chemistry	0	0	2	0	1	1	3	7
812			Structured Biochemistry	2	2	4	3	13	6	6	30
813			Functional Biochemistry	2	4	1	2	11	3	9	26
			Biological Chemistry total	4	6	7	5	25	10	18	63
821			Biophysics	2	0	5	2	10	2	5	19
822			Molecular Biology	4	3	11	4	22	8	19	59
823			Cell Biology	2	2	3	0	11	1	4	22
824			Developmental Biology	1	1	1	1	6	1	1	9
			Basic Biology total	9	6	20	7	49	12	29	109
831			Neuroanatomy and Neuropathology	2	1	0	1	3	2	12	20
832			Neurochemistry and Neuropharmacology	4	1	1	1	8	2	8	23
833			Neuro Science in General	4	2	3	4	20	6	13	43
834			Neuro and Muscular Physiology	2	1	2	1	13	3	7	28
			Neuro Science (inclu. Brain Science) total	12	5	6	7	44	13	40	114
841			Laboratory Animal Science	0	1	0	0	6	1	2	8
851			Medical Organism Engineering and Material Science of Organism	7	1	5	1	27	5	25	51
			INTERDISCIPLINARY AREA Total	82	70	81	39	512	159	371	1,066
999			WIDE AREA Total	23	20	8	9	70	16	76	173
			Item n.a. Total	3	3	3	1	10	0	18	31
			Grand Total	977	707	611	329	4,493	1,085	4,317	10,098

Table 35. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
211	A R T S · H U M A N I T I E S		Philosophy	15	13	8	1	35	5	40	117	
212			Chinese Philosophy	6	6	3	6	7	2	11	41	
213			Indian Philosophy (inclu. Buddhist Studies)	17	13	2	2	28	1	84	147	
214			Religion	17	8	6	0	32	3	23	89	
215			Ethics	11	6	5	0	8	5	20	55	
216			History of Philosophy	3	5	0	3	16	1	29	57	
217			Aesthetics (inclu. Arts)	62	34	7	3	39	11	126	281	
218			Art History	18	2	20	4	12	26	36	118	
		Philosophy total	149	87	51	19	177	54	369	905		
221			Experimental Psychology	7	5	35	5	46	24	98	220	
222			Educational and Social	18	14	27	5	88	26	156	334	
223			Sociology (inclu. Social Welfare)	59	35	35	20	95	33	181	458	
224			Education	35	43	88	16	83	26	161	452	
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	32	22	31	10	39	8	68	210	
		Psychology· Sociology · Education Cultural Anthropology total	151	119	216	56	351	117	664	1,674		
231			Japanese History	25	11	8	3	9	2	24	82	
232			Oriental History	18	27	22	4	25	6	66	168	
233			European History	14	7	7	5	30	7	60	130	
234			Archaeology (inclu. Prehistory)	5	11	9	3	5	10	21	64	
		History total	62	56	46	15	69	25	171	444		
241			Japanese Language	6	6	4	4	17	1	24	62	
242			Japanese Literature	23	12	6	4	26	7	54	130	
243			Chinese Language and Literature	25	11	5	3	39	2	60	146	
244			English Language and Literature	39	42	18	11	232	21	273	640	
245			French Language and Literature	8	6	15	1	21	2	30	83	
246			German Language and Literature	11	12	7	1	23	5	33	92	
247			Other Foreign Languages and Literatures	22	9	5	1	23	3	50	113	
248			Linguistics and Phonetics	31	41	30	4	126	11	191	432	
249			Literature in General (i n c l u . Literary Theory, Comparative Literature) and Western Classics	9	7	6	1	22	4	43	92	
		Literature total	174	146	96	30	529	56	758	1,790		
	ARTS · HUMANITIES Total			536	408	409	120	1,126	252	1,962	4,813	
261	L A W		Basic Science of Law	7	5	6	2	17	7	17	61	
262			Public Law	18	6	6	4	24	10	33	92	
263			International Law	26	22	6	20	13	9	21	117	
264			Civil Law	14	5	15	7	27	23	52	142	
265			Social Law	4	11	15	5	7	3	16	60	
266			Criminal Law	10	1	1	3	14	10	14	53	
267			Politics	57	52	27	26	57	49	92	359	
	LAW Total			136	102	76	67	159	111	245	884	
271	E C O N O M I C S		General Theory of Economics	27	15	38	8	73	23	75	259	
272			Economical Statistics	6	4	11	3	13	11	14	62	
273			Economic Policy (inclu. Economic Condition)	64	54	29	41	68	34	105	395	
274			Economic History	7	5	13	3	25	10	25	86	
275			Public Finance, Money and Banking	18	10	12	3	26	12	32	115	
276			Commercial Science	7	5	3	2	25	8	44	94	
277			Business Administration	46	19	12	13	89	31	114	324	
278			Accounting	10	6	4	4	28	7	50	109	
	ECONOMICS Total			185	118	122	77	347	136	459	1,444	
301	S C I E N C E		Algebra	30	15	40	0	23	5	34	147	
302			Geometry	21	17	43	0	17	6	30	134	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	27	14	88	7	48	14	71	269	
305			Basic Analysis	15	19	91	1	36	11	59	232	
306			Larger-area Analysis	4	4	25	0	9	3	16	61	
		Mathematics total	97	69	287	8	133	39	210	843		
311		Astronomy	7	9	99	6	25	24	21	191		
321		P H Y S I C S		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	86	47	257	27	109	52	142	720
322				Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	29	5	59	36	82	66	97	394
323				Solid - State Physics II (Magnetism, Metal Physics, Superconductivity)	21	16	91	21	81	79	112	421
324				Physical Properties in General (inclu. Basic Theories)	28	16	53	7	36	27	39	206
325				Physics in General	14	10	50	15	28	30	51	198
		Physics total	178	94	510	106	336	254	441	1,939		
331	E A R T H S C I E N C E		Physics of Solid Earth	6	6	71	9	17	39	53	201	
332			Meteorology, Oceanography and Hydrology	25	17	106	20	28	45	37	278	

Table 35. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
333			Aeronomy	3	4	77	13	22	14	16	149
334			Geology	2	13	27	3	5	10	49	109
335			Stratigraphy and Paleontology	2	3	7	1	4	6	21	44
336			Mineralogy, Petrology and Study of Mineral Deposit	8	6	26	8	14	26	49	137
337			Geochemistry	7	6	19	3	5	18	29	87
	S		Earth Science total	53	55	333	57	95	158	254	1,005
341			Physical Chemistry	46	27	98	13	61	89	142	476
342	C		Organic Chemistry	19	15	56	3	46	65	67	271
343			Inorganic Chemistry	7	6	20	2	23	7	32	97
344	I		Function, Properties and Materials in Chemistry	11	10	42	7	43	81	55	249
345	E		Substance Transformation	0	0	3	0	3	3	5	14
346	N		Separation, Refining and Identification	9	5	14	0	17	23	35	103
			Chemistry total	92	63	233	25	193	268	336	1,210
351	C		Genetics	11	9	42	5	16	8	22	113
352			Ecology	20	12	44	9	18	29	61	193
353	E		Plant Physiology	17	9	76	5	42	35	51	235
354			Morphology, Structure of	6	0	12	0	9	8	19	54
355			Animal Physiology and Metabolism	9	1	14	7	10	9	24	74
356			Morphology and Taxonomy	6	10	19	4	8	8	41	96
			Biology total	69	41	207	30	103	97	218	765
361			Physical Anthropology (inclu. Physiological Anthropology)	3	4	9	1	6	5	8	36
			SCIENCE Total	499	335	1,678	233	891	845	1,488	5,989
401			Applied Physics of Property and Crystallography	8	8	47	6	43	109	39	260
402			Surface Physics	6	6	27	13	35	38	33	157
403			Applied Optics and Quantum Optics	11	9	28	19	64	97	43	271
404			General Applied Physics	1	0	14	0	11	26	18	70
405			Fundamentals of Engineering	1	5	21	2	12	21	14	76
			Applied Physics•Fundamentals of Engineering total	27	28	137	40	165	291	147	834
411			Materials for Machines and Strength of Materials	16	5	54	13	98	177	98	460
412			Workshop Processes and Production Engineering	16	19	53	14	92	146	52	392
413			Design Engineering, Machine Elements and Tribology	4	2	19	3	50	87	31	196
414			Fluid Mechanics	8	9	45	11	96	156	86	411
415	E		Heat Engineering	9	17	43	8	66	172	58	373
416			Mechanics and Control	4	11	38	7	63	144	93	360
417	N		Intelligent Mechanics and Machine System	10	8	49	21	89	143	69	389
			Machine Engineering total	67	71	301	77	554	1,025	487	2,581
421	G		Electric Power Engineering and Electric Machinery	3	11	41	24	94	190	64	427
422	I		Electronic and Electric Materials Engineering	16	19	102	19	117	180	83	536
423	N		Electron Devices and Apparatus Engineering	14	3	54	10	132	197	52	461
424	E		Information and Communication Engineering	28	17	73	19	226	403	131	897
425	E		System Engineering	6	7	35	15	67	84	56	272
427	R		Electronic Measurements	4	10	39	5	66	136	47	307
428			Control Engineering	5	2	30	0	45	90	43	215
			Electric and Electronic Engineering total	76	69	374	92	747	1,280	476	3,115
431	I		Construction Materials and Dynamics in General Civil Engineering	3	3	26	1	40	94	23	190
432	G		Structural Engineering and Seismology	3	9	21	5	49	100	56	243
433			Ground Engineering	4	12	16	3	51	104	28	218
434			Hydraulics and River Engineering	16	9	30	14	24	97	41	231
435			Traffic Engineering and Regional Planning	13	9	28	27	30	78	59	244
436			Civil Environmental System	12	12	11	12	24	58	29	157
			Civil Engineering total	51	54	132	62	218	531	236	1,283
441			Building Structure and Materials	9	6	41	18	68	110	49	301
442			Building Science and Building Equipment	7	2	7	4	27	35	50	132
443			City Planning and Building	18	13	26	9	56	34	92	248
444			Architectural History and Design	6	7	6	6	8	5	16	54
			Architecture total	40	28	80	37	159	184	207	735
451			Physical Metallurgy	6	6	43	5	28	61	30	179
452			Inorganic Materials and Properties	12	10	57	16	52	122	55	324
453			Composed Materials and	4	1	14	2	22	31	12	86
454			Structural and Functional	6	12	36	9	34	101	20	218

Table 35. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
455	E N G I N E E R I N G		Metallurgy and Material	3	4	20	6	24	115	29	201
456			Metal Productive Engineering	4	3	13	3	22	66	15	126
			Material Engineering total	35	36	183	41	182	496	161	1,134
461			Chemical Engineering in General	5	7	28	2	29	88	24	183
462			Reaction and Separation Engineering	8	7	15	7	35	67	23	162
463			Catalyst and Chemical Process	3	11	24	4	26	42	9	119
464			Bioengineering	20	8	40	12	23	72	34	209
465			Industrial Analytical Chemistry	5	0	10	2	12	19	13	61
			Process Engineering total	41	33	117	27	125	288	103	734
471			Industrial Physical Chemistry	10	3	34	5	43	95	28	218
472			Industrial Inorganic Chemistry	2	0	18	4	25	32	14	95
473			Industrial Organic Chemistry	11	5	16	5	21	50	13	121
474			Synthetic Chemistry	10	10	21	4	25	70	34	174
475			Polymer Synthesis	20	9	30	5	36	85	38	223
476			Polymer Structure and Property (inclu. Fiber)	17	11	34	4	39	91	58	251
			Industrial Chemistry total	70	38	153	27	189	423	185	1,082
481			Aeronautics	9	2	40	3	39	62	27	182
482			Ship Engineering	1	1	11	9	8	30	11	69
483			Marine Engineering	2	1	4	4	8	19	7	45
484			Resource Development	3	6	19	6	17	57	10	118
			Synthetic Engineering total	15	10	74	22	72	168	55	414
			ENGINEERING Total	422	367	1,551	425	2,411	4,686	2,057	11,912
501	A G R I C U L T U R E		Plant Breeding	2	3	20	1	5	13	30	74
502			Crop Science	3	1	9	1	2	9	8	33
503			Horticulture and Landscape Architecture	9	9	12	8	17	25	52	132
504			Plant Protection	6	6	18	1	10	18	25	84
505			Sericultural Science and Economic Entomology	2	0	4	0	3	4	8	21
			Agriculture total	22	19	63	11	37	69	123	344
511			Plant Fertilizer and Manure and Soil Science	8	2	18	4	7	15	15	69
512			Applied Microbiochemistry and Applied Biochemistry	16	13	63	19	34	68	53	266
513			Biological Productive Chemistry and Bioorganic Chemistry	8	0	19	7	17	26	22	99
514			Food Science and Nutritional Chemistry	10	7	15	5	52	65	55	209
			Agricultural Chemistry total	42	22	115	35	110	174	145	643
521			Forestry	1	7	16	6	5	18	26	79
522			Wood Science	8	7	32	4	11	48	35	145
			Forestry total	9	14	48	10	16	66	61	224
531			Fisheries in General	11	10	40	8	21	33	56	179
532			Fisheries Chemistry	4	1	5	1	4	17	9	41
			Fisheries total	15	11	45	9	25	50	65	220
541			Agricultural Economics	14	13	13	7	16	10	53	126
551			Irrigation, Drainage and Reclamation Engineering and	5	4	17	1	9	19	19	74
552			Agricultural Machinery	4	0	14	2	4	21	18	63
553			Biological Environment	1	4	7	8	3	13	11	47
			Agricultural Engineering total	10	8	38	11	16	53	48	184
561			Animal Science and Grassland Science	1	2	3	2	16	13	24	61
562			Applied Animal Science	2	4	15	2	6	16	29	74
563			Basic Veterinary Medicine and Basic Animal Science	8	6	19	0	16	27	26	102
564			Applied Veterinary Medicine	6	9	14	3	20	20	25	97
			Animal Science-Veterinary Medicine total	17	21	51	7	58	76	104	334
571			Biological Resource Science	4	4	12	7	3	21	6	57
572			Applied Molecular Cell Biology	2	0	7	2	4	4	3	22
			Interdisciplinary Agricultural Science total	6	4	19	9	7	25	9	79
			AGRICULTURE Total	135	112	392	99	285	523	608	2,154
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	12	7	21	2	28	19	84	173
602			Physiology in General	14	10	30	12	30	55	90	241
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	14	7	20	8	26	30	79	184
604			Pharmacology in General	11	10	23	3	35	27	44	153
605			Medical Chemistry in General	32	17	47	3	25	35	50	206
606			Pathological Medical Chemistry	11	5	16	0	17	16	34	99
			Physiology total	94	56	157	28	161	182	381	1,056
611			Hominal Pathology	13	9	14	1	33	51	87	208
612			Experimental Pathology	27	10	24	4	31	28	51	175

Table 35. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
613	MEDICINE		Parasitology (inclu. Medical	5	6	26	22	7	5	17	88
614			Bacteriology (inclu. Eumycetes)	14	10	21	7	24	33	37	146
615			Virology	13	8	20	9	10	37	23	120
616			Immunology	20	9	49	6	28	40	49	201
			Pathology total	92	52	154	49	133	194	264	938
621			Hygiene	2	4	8	5	17	16	76	128
622			Public Health and Health Science	38	19	27	11	65	44	122	326
623			Legal Medicine	1	1	4	0	19	7	41	73
			Social Medicine total	41	24	39	16	101	67	239	527
631			Internal Medicine in General	41	20	22	3	47	43	163	339
632			Gastroenterology	47	11	14	2	42	52	257	425
633			Internal Medicine Respiratory System	18	8	3	5	43	21	152	250
634			Neurological Medicine	22	12	30	5	35	39	119	262
635			Cardioangiopathy	42	27	32	0	79	80	362	622
636			Pediatrics	43	7	14	5	49	34	200	352
637			Dermatology	20	15	12	5	58	45	119	274
638			Radiology	32	10	26	3	105	120	257	553
639			Neuropsychiatry	22	11	6	4	51	32	164	290
640			Endocrinology and Metabolic Science	29	10	10	0	12	29	82	172
641			Hematology	21	19	36	1	29	46	137	289
642			Internal Medicine of Kidney	6	8	5	1	21	31	117	189
643			Embryology and Newborn	4	0	1	0	0	3	11	19
644			Endocrinology	13	5	2	0	10	17	84	131
645			Metabolic Science	9	3	6	1	16	14	84	133
			Internal Medicine total	369	166	219	35	597	606	2,308	4,300
651			Surgery in General	41	13	10	2	46	31	206	349
652			Gastroenterological Surgery	38	12	17	2	57	41	268	435
653			Thoracic Surgery	12	18	12	4	46	39	143	274
654			Neurosurgery	40	12	14	3	58	62	223	412
655			Orthopedic Surgery	40	14	17	4	52	67	426	620
656			Anesthesiology and Rescue Medicine	17	13	15	1	50	53	196	345
657			Urology	13	20	12	0	59	54	177	335
658			Obstetrics and Gynecology	18	16	10	7	30	38	175	299
659			Oto-rhino-laryngology	21	14	21	4	52	40	141	293
660			Ophthalmology	21	20	7	2	47	52	187	336
661			Pediatric Surgery	5	0	5	0	3	9	58	80
662			Formative Surgery	0	0	0	0	7	0	35	42
			Surgery total	266	152	140	29	507	486	2,235	3,820
671			Oral Anatomy and Morphological Basic Dentistry	3	9	12	1	47	11	47	130
672			Functional Basic Dentistry	5	5	23	2	36	7	52	130
673			Morbid Dentistry (inclu. Dental Radiology)	6	0	13	1	28	7	33	88
674			Conservative Dentistry	15	10	27	0	92	42	81	267
675			Prosthodontics and Dental Technology	13	14	29	6	86	50	161	359
676			Oral Surgery	13	12	30	6	85	21	133	300
677			Orthodontics, Pedodontics and Social Dentistry	12	6	13	2	43	35	97	208
678			Periodontological Dentistry	0	3	0	1	11	7	10	32
			Dentistry total	67	59	147	19	428	180	614	1,514
681			Chemical Pharmaceuticals	23	9	24	0	80	54	30	215
682			Physical Pharmaceuticals	18	5	11	2	32	36	16	120
683			Biopharmaceuticals	24	11	35	9	113	74	71	333
684			Molecular Pharmaceuticals	1	4	3	1	16	9	6	39
685			Environmental Pharmaceuticals	0	0	1	0	1	1	2	5
			Pharmaceuticals total	66	29	74	12	242	174	125	712
691			Medical Sociology	4	3	1	0	5	9	27	49
692			Human Genetics	4	0	9	1	5	12	13	44
693			Applied Pharmacology and Medical Pharmacology	7	3	3	1	29	39	18	97
694			Pathological Examination	5	0	10	1	14	40	33	103
696			Science of Basic and Local	3	4	6	4	17	8	73	115
697			Science of Clinical Nursing	1	3	3	2	5	4	31	49
			Medicine in General total	24	13	32	9	75	112	195	457
			MEDICINE Total	1,019	551	962	197	2,244	2,001	6,361	13,324
702	INTERNATIONAL AREA RESEARCH		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	4	5	1	1	15	4	20	50
703			Physical Education	16	30	21	2	65	60	180	374
704			Human Geography	9	6	10	6	15	1	34	81
705			Physical Geography	1	5	9	4	8	8	32	67
			Geography total	10	11	19	10	23	9	66	148
706			Home Science (inclu. Cloth/Living Environments)	8	7	8	1	30	5	89	148
707			Food Culture	1	0	0	0	8	4	19	32
			Domestic Science total	9	7	8	1	38	9	108	180

Table 35. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
708	I N T E R D I S C I P L I N A R Y		Science of Cultural Property	0	3	4	1	0	1	4	13	
711			Science Education	8	4	10	7	7	4	22	62	
712			Educational Engineering	4	3	10	3	15	16	24	75	
713			Curriculum Studies	11	7	21	1	18	7	101	166	
714			Japanese Language Education	4	5	14	3	8	3	27	64	
			Science Education・Curriculum Education total		27	19	55	14	48	30	174	367
721			Statistics		7	3	26	5	16	34	19	110
731				Computer Science	13	25	122	10	119	299	109	694
732				Intelligent Informatics	7	12	115	6	84	204	95	521
733				Study of Information System (Inclu. Library and Information	9	12	43	15	80	90	61	310
			Information Science total		29	49	280	31	283	593	265	1,525
741			Social System Engineering		7	3	30	6	49	43	34	172
751			Natural Disaster Science		1	1	20	6	5	23	6	62
761			Plasma Science and Technology		5	8	89	8	34	77	39	260
772				Nuclear Fusion	3	5	30	6	14	34	5	97
773				Energy Science General	2	3	20	5	18	64	23	135
774				Nuclear Power Science	2	6	11	3	26	47	21	116
			Energy total		7	14	61	14	58	145	49	348
801				Environmental Dynamic Analysis	4	7	19	10	13	33	27	113
802				Environmental Influence Assessment (inclu. Radiobiology)	15	8	11	2	16	28	33	113
803				Environmental Preservation	18	11	13	15	27	45	18	145
			Environmental Science total		37	26	43	27	56	106	78	371
811				Biological Organic Chemistry	4	4	16	7	7	30	25	93
812				Structured Biochemistry	5	4	32	4	19	26	15	105
813				Functional Biochemistry	16	11	28	7	25	36	34	157
			Biological Chemistry total		25	19	76	18	51	92	74	355
821				Biophysics	23	7	45	9	25	31	36	176
822				Molecular Biology	47	26	141	22	64	114	106	520
823				Cell Biology	16	11	35	15	22	22	36	157
824				Developmental Biology	16	3	44	8	13	19	23	126
			Basic Biology total		102	47	265	54	124	186	201	979
831				Neuroanatomy and	5	5	15	5	4	10	36	80
832				Neurochemistry and Neuropharmacology	11	3	20	9	16	18	24	101
833				Neuro Science in General	10	13	41	12	43	32	48	199
834				Neuro and Muscular Physiology	14	9	30	4	19	25	31	132
			Neuro Science (inclu. Brain Science) total		40	30	106	30	82	85	139	512
841			Laboratory Animal Science		1	3	4	3	8	12	4	35
851			Medical Organism Engineering and Material Science of Organism		10	5	74	5	46	102	74	316
	INTERDISCIPLINARY AREA Total			337	283	1,182	236	1,001	1,611	1,534	6,177	
999	WIDE AREA Total			50	53	43	26	118	79	200	569	
	Item n.a. Total			5	10	7	7	14	14	46	103	
	Grand Total			3,324	2,339	6,422	1,487	8,596	10,258	14,960	47,369	

Table 36. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	A R T S · H U M A N I T I E S		Philosophy	5	9	2	1	0	3	13	33
212			Chinese Philosophy	4	0	3	3	1	1	5	17
213			Indian Philosophy (inclu. Buddhist Studies)	1	4	0	0	0	0	2	7
214			Religion	2	2	3	0	0	0	4	11
215			Ethics	8	3	3	0	0	1	7	22
216			History of Philosophy	0	2	0	1	0	1	6	10
217			Aesthetics (inclu. Arts)	13	3	5	1	3	2	55	82
218			Art History	5	1	4	1	5	6	18	40
			Philosophy total	38	24	20	7	9	14	110	222
221			Experimental Psychology	4	3	30	4	8	15	57	121
222			Educational and Social	7	7	21	3	5	20	71	134
223			Sociology (inclu. Social Welfare)	13	11	20	4	4	7	45	104
224			Education	21	15	70	11	7	18	84	226
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	11	8	24	6	3	5	31	88
			Psychology· Sociology · Education Cultural Anthropology total	56	44	165	28	27	65	288	673
231			Japanese History	12	6	6	1	0	2	7	34
232			Oriental History	6	12	8	2	1	4	30	63
233			European History	4	2	3	2	4	2	18	35
234			Archaeology (inclu. Prehistory)	1	7	2	1	0	4	6	21
			History total	23	27	19	6	5	12	61	153
241			Japanese Language	2	3	3	2	1	0	10	21
242			Japanese Literature	8	5	6	0	1	1	14	35
243			Chinese Language and	12	3	4	1	2	2	18	42
244			English Language and Literature	5	5	11	0	6	8	72	107
245			French Language and Literature	3	1	12	0	3	1	11	31
246			German Language and Literature	2	5	6	0	0	3	13	29
247			Other Foreign Languages and Literatures	5	2	3	0	1	1	20	32
248			Linguistics and Phonetics	4	19	18	2	8	7	74	132
249			Literature in General (i n c l u . Literary Theory, Comparative Literature) and Western Classics	2	2	4	0	0	3	25	36
			Literature total	43	45	67	5	22	26	257	465
	ARTS · HUMANITIES Total			160	140	271	46	63	117	716	1,513
261	L A W		Basic Science of Law	5	2	4	1	1	1	10	24
262			Public Law	5	3	4	3	3	4	9	31
263			International Law	20	6	5	13	1	6	8	59
264			Civil Law	4	2	4	0	0	9	13	32
265			Social Law	0	1	10	0	5	1	5	22
266			Criminal Law	3	0	0	1	0	8	5	17
267			Politics	14	15	17	8	1	17	31	103
		LAW Total	51	29	44	26	11	46	81	288	
271	E C O N O M I C S		General Theory of Economics	9	6	28	3	3	17	23	89
272			Economical Statistics	3	1	7	1	0	10	8	30
273			Economic Policy (inclu. Economic Condition)	15	9	21	17	7	13	30	112
274			Economic History	2	4	6	2	1	8	12	35
275			Public Finance, Money and Banking	5	3	6	3	1	6	9	33
276			Commercial Science	2	1	0	1	0	4	5	13
277			Business Administration	7	3	4	2	2	11	20	49
278			Accounting	1	3	2	1	1	4	9	21
	ECONOMICS Total			44	30	74	30	15	73	116	382
301	S C I E N C E		Algebra	25	10	29	0	7	5	23	99
302			Geometry	16	15	34	0	4	6	21	96
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	17	7	77	6	5	10	46	168
305			Basic Analysis	12	14	72	0	4	6	43	151
306			Larger-area Analysis	3	4	18	0	1	3	14	43
			Mathematics total	73	50	230	6	21	30	147	557
311			Astronomy	6	8	97	6	17	24	18	176
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	75	35	221	26	42	42	106	547
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	22	5	54	31	29	63	72	276
323			Solid - State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	16	15	85	19	30	72	95	332
324			Physics in General	13	10	44	14	14	30	37	162
325			Physics total	145	77	449	96	123	231	343	1,464
331			Physics of Solid Earth	5	6	69	7	13	34	48	182
332			Meteorology, Oceanography and Hydrology	21	13	99	19	21	38	35	246

Table 36. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
333	S C I E N C E		Aeronomy	3	4	74	13	21	13	15	143
334			Geology	1	8	25	3	3	9	46	95
335			Stratigraphy and Paleontology	1	1	4	1	2	6	19	34
336			Mineralogy, Petrology and Study of Mineral Deposit	6	6	26	7	11	26	46	128
337			Geochemistry	6	5	17	2	4	18	27	79
			Earth Science total	43	43	314	52	75	144	236	907
341			Physical Chemistry	35	17	89	12	21	77	107	358
342			Organic Chemistry	15	11	52	3	24	58	51	214
343			Inorganic Chemistry	2	3	16	2	8	7	18	56
344			Function, Properties and Materials in Chemistry	5	7	39	6	20	68	33	178
345			Substance Transformation	0	0	3	0	0	2	5	10
346			Separation, Refining and Identification	4	2	13	0	8	22	20	69
			Chemistry total	61	40	212	23	81	234	234	885
351			Genetics	10	8	39	3	8	8	19	95
352			Ecology	13	9	42	6	8	22	49	149
353			Plant Physiology	12	7	61	4	21	34	38	177
354			Morphology, Structure of Organism	5	0	11	0	4	7	13	40
355			Animal Physiology and	8	0	12	7	2	3	18	50
356			Morphology and Taxonomy	4	7	19	1	1	7	34	73
			Biology total	52	31	184	21	44	81	171	584
361			Physical Anthropology (inclu. Physiological Anthropology)	2	4	8	1	3	5	5	28
			SCIENCE Total	382	253	1,494	205	364	749	1,154	4,601
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	6	8	42	4	20	90	23	193
402			Surface Physics	2	2	23	6	12	30	19	94
403			Applied Optics and Quantum Optics	8	8	24	12	29	79	20	180
404			General Applied Physics	1	0	12	0	1	23	11	48
405			Fundamentals of Engineering	0	5	18	2	5	14	10	54
			Applied Physics-Fundamentals of Engineering total	17	23	119	24	67	236	83	569
411			Materials for Machines and Strength of Materials	11	4	46	10	31	147	61	310
412			Workshop Processes and Production Engineering	13	7	38	6	32	116	23	235
413			Design Engineering, Machine Elements and Tribology	0	1	14	3	17	73	18	126
414			Fluid Mechanics	8	7	38	4	38	137	40	272
415			Heat Engineering	8	12	37	7	22	131	40	257
416			Mechanics and Control Engineering	1	9	33	7	22	121	59	252
417			Intelligent Mechanics and Machine System	8	5	38	12	52	123	49	287
			Machine Engineering total	49	45	244	49	214	848	290	1,739
421			Electric Power Engineering and Electric Machinery	1	6	36	10	26	138	29	246
422			Electronic and Electric Materials Engineering	9	10	83	14	38	147	56	357
423			Electron Devices and Apparatus Engineering	9	2	43	4	70	169	23	320
424			Information and Communication Engineering	16	11	58	12	76	305	70	548
425			System Engineering	4	5	30	12	18	79	37	185
427			Electronic Measurements	4	1	35	3	18	105	24	190
428			Control Engineering	2	1	19	0	12	75	27	136
			Electric and Electronic Engineering	45	36	304	55	258	1,018	266	1,982
431			Construction Materials and Dynamics in General Civil Engineering	3	2	23	0	20	75	15	138
432			Structural Engineering and Seismology	3	5	20	5	19	82	38	172
433			Ground Engineering	4	11	14	2	31	98	17	177
434			Hydraulics and River Engineering	14	8	26	12	10	92	29	191
435			Traffic Engineering and Regional Planning	10	9	25	17	21	66	37	185
436			Civil Environmental System	9	5	6	6	15	42	16	99
			Civil Engineering total	43	40	114	42	116	455	152	962
441			Building Structure and Materials	4	4	36	17	35	97	19	212
442			Building Science and Building Equipment	3	2	5	2	6	33	25	76
443			City Planning and Building Planning	7	10	17	3	20	22	55	134
444			Architectural History and Design	4	4	2	2	0	3	12	27
			Architecture total	18	20	60	24	61	155	111	449

Table 36. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
451	E N G I N E E R I N G		Physical Metallurgy	5	4	40	4	13	59	19	144
452			Inorganic Materials and	8	10	46	15	21	102	28	230
453			Composed Materials and Properties	2	1	11	2	8	21	6	51
454			Structural and Functional Materials	4	8	31	6	14	89	14	166
455			Metallurgy and Material	2	4	19	5	7	108	21	166
456			Metal Productive Engineering	4	3	11	3	14	62	11	108
			Material Engineering total	25	30	158	35	77	441	99	865
461			Chemical Engineering in General	3	3	27	2	16	81	18	150
462			Reaction and Separation Engineering	8	5	9	4	22	64	16	128
463			Catalyst and Chemical Process	3	10	24	2	10	33	7	89
464			Bioengineering	17	6	39	9	13	65	24	173
465			Industrial Analytical Chemistry	3	0	8	1	5	17	8	42
			Process Engineering total	34	24	107	18	66	260	73	582
471			Industrial Physical Chemistry	8	1	30	5	21	86	18	169
472			Industrial Inorganic Chemistry	1	0	15	1	5	31	11	64
473			Industrial Organic Chemistry	11	3	13	5	5	45	10	92
474			Synthetic Chemistry	7	7	20	4	11	60	27	136
475			Polymer Synthesis	12	7	24	4	18	73	20	158
476			Polymer Structure and Property (inclu. Fiber)	15	8	32	4	15	79	29	182
			Industrial Chemistry total	54	26	134	23	75	374	115	801
481			Aeronautics	8	2	37	1	21	60	14	143
482			Ship Engineering	1	0	9	7	4	23	10	52
483			Marine Engineering	2	1	4	1	3	19	3	33
484			Resource Development Engineering	1	2	13	6	15	54	3	94
			Synthetic Engineering total	12	5	63	15	43	156	30	322
			ENGINEERING Total	297	249	1,303	285	977	3,943	1,219	8,271
501	A G R I C U L T U R E		Plant Breeding	1	3	17	1	2	12	26	62
502			Crop Science	1	1	9	0	1	8	5	25
503			Horticulture and Landscape Architecture	6	4	11	5	2	18	33	79
504			Plant Protection	3	6	16	0	6	17	18	66
505			Sericultural Science and Economic Entomology	2	0	4	0	1	4	3	14
			Agriculture total	13	14	57	6	12	59	85	246
511			Plant Fertilizer and Manure and Soil Science	6	1	14	2	2	12	11	48
512			Applied Microbiochemistry and Applied Biochemistry	11	10	56	13	19	56	36	201
513			Biological Productive Chemistry and Bioorganic Chemistry	5	0	18	6	12	18	20	79
514			Food Science and Nutritional Chemistry	6	3	10	2	8	56	14	99
			Agricultural Chemistry total	28	14	98	23	41	142	81	427
521			Forestry	1	5	13	4	4	15	20	62
522			Wood Science	5	6	31	4	6	47	32	131
			Forestry total	6	11	44	8	10	62	52	193
531			Fisheries in General	6	10	36	3	13	33	44	145
532			Fisheries Chemistry	4	1	4	1	4	15	6	35
			Fisheries total	10	11	40	4	17	48	50	180
541			Agricultural Economics	10	9	8	5	3	8	46	89
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	4	15	0	5	19	17	63
552			Agricultural Machinery	4	0	11	1	1	20	17	54
553			Biological Environment	0	3	6	7	1	11	10	38
			Agricultural Engineering total	7	7	32	8	7	50	44	155
561			Animal Science and Grassland Science	1	1	2	0	5	10	17	36
562			Applied Animal Science	2	4	14	1	4	14	24	63
563			Basic Veterinary Medicine and Basic Animal Science	5	5	18	0	5	23	15	71
564			Applied Veterinary Medicine	3	5	13	3	10	17	13	64
			Animal Science-Veterinary Medicine total	11	15	47	4	24	64	69	234
571			Biological Resource Science	2	4	11	7	2	16	5	47
572			Applied Molecular Cell Biology	2	0	7	2	2	4	1	18
			Interdisciplinary Agricultural Science total	4	4	18	9	4	20	6	65
			AGRICULTURE Total	89	85	344	67	118	453	433	1,589
601	C M I N D I E I		Anatomy in General (inclu. Histology, Embryology)	7	4	13	2	4	13	47	90
602			Physiology in General	10	6	17	3	7	45	46	134

Table 36. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
603	M E D I C I N E		Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	14	6	16	3	4	18	36	97
604			Pharmacology in General	9	4	19	1	11	19	14	77
605			Medical Chemistry in General	19	4	39	2	9	28	25	126
606			Pathological Medical Chemistry	6	3	15	0	12	6	11	53
			Physiology total	65	27	119	11	47	129	179	577
611			Hominal Pathology	8	3	11	1	9	43	35	110
612			Experimental Pathology	6	6	19	3	13	24	27	98
613			Parasitology (inclu. Medical Zoology)	0	1	15	5	2	1	9	33
614			Bacteriology (inclu. Eumycetes)	3	4	13	7	7	18	21	73
615			Virology	9	3	19	6	7	32	14	90
616			Immunology	15	7	43	4	8	32	26	135
			Pathology total	41	24	120	26	46	150	132	539
621			Hygiene	2	4	5	5	3	10	28	57
622			Public Health and Health	21	7	19	9	18	32	63	169
623			Legal Medicine	1	0	4	0	3	3	24	35
			Social Medicine total	24	11	28	14	24	45	115	261
631			Internal Medicine in General	18	12	19	2	11	25	71	158
632			Gastroenterology	21	7	8	1	12	33	112	194
633			Internal Medicine Respiratory System	7	4	3	4	18	17	72	125
634			Neurological Medicine	16	5	21	4	14	32	66	158
635			Cardioangiopathy	25	11	23	0	28	67	155	309
636			Pediatrics	17	2	13	4	16	22	102	176
637			Dermatology	7	8	9	3	33	35	46	141
638			Radiology	14	1	24	2	46	103	131	321
639			Neuropsychiatry	7	6	5	2	18	18	70	126
640			Endocrinology and Metabolic Science	14	2	10	0	1	25	41	93
641			Hematology	13	7	25	1	10	35	61	152
642			Internal Medicine of Kidney	5	3	4	0	7	23	51	93
643			Embryology and Newborn	0	0	1	0	0	1	5	7
644			Endocrinology	7	3	1	0	5	17	53	86
645			Metabolic Science	7	2	6	1	3	13	51	83
			Internal Medicine total	178	73	172	24	222	466	1,087	2,222
651			Surgery in General	21	3	6	1	14	23	85	153
652			Gastroenterological Surgery	25	8	17	1	30	36	118	235
653			Thoracic Surgery	5	7	11	3	17	34	70	147
654			Neurosurgery	9	4	12	3	26	59	88	201
655			Orthopedic Surgery	12	6	14	2	17	57	173	281
656			Anesthesiology and Rescue Medicine	4	2	12	0	25	44	116	203
657			Urology	9	11	12	0	32	48	74	186
658			Obstetrics and Gynecology	7	12	6	6	14	32	89	166
659			Oto-rhino-laryngology	14	8	19	0	15	36	66	158
660			Ophthalmology	10	11	5	1	21	37	101	186
661			Pediatric Surgery	3	0	3	0	0	9	38	53
662			Formative Surgery	0	0	0	0	2	0	6	8
			Surgery total	119	72	117	17	213	415	1,024	1,977
671			Oral Anatomy and Morphological Basic Dentistry	2	3	11	0	1	11	19	47
672			Functional Basic Dentistry	2	1	15	1	1	6	28	54
673			Morbid Dentistry (inclu. Dental Radiology)	4	0	11	1	2	4	14	36
674			Conservative Dentistry	9	6	24	0	13	35	19	106
675			Prosthodontics and Dental Technology	4	5	24	5	8	46	80	172
676			Oral Surgery	6	9	21	0	12	12	71	131
677			Orthodontics, Pedodontics and Social Dentistry	9	2	12	1	9	34	56	123
678			Periodontological Dentistry	0	3	0	1	4	7	2	17
			Dentistry total	36	29	118	9	50	155	289	686
681			Chemical Pharmaceutics	16	3	12	0	11	31	16	89
682			Physical Pharmaceutics	5	1	10	1	6	20	3	46
683			Biopharmaceutics	9	4	25	8	22	55	25	148
684			Molecular Pharmaceutics	0	4	3	1	8	7	4	27
685			Environmental Pharmaceutics	0	0	0	0	1	1	0	2
			Pharmaceutics total	30	12	50	10	48	114	48	312
691			Medical Sociology	1	2	1	0	0	9	14	27
692			Human Genetics	3	0	7	0	2	9	7	28
693			Applied Pharmacology and Medical Pharmacology	2	0	3	0	5	32	4	46
694			Pathological Examination	4	0	6	1	4	31	9	55
696			Science of Basic and Local Nursing	1	3	6	3	0	5	44	62
697			Science of Clinical Nursing	0	1	2	1	0	4	18	26
			Medicine in Gene r a l total	11	6	25	5	11	90	96	244

Table 36. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
			MEDICINE Total	504	254	749	116	661	1,564	2,970	6,818
702			History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	5	0	1	1	1	16	26
703			Physical Education	8	10	17	2	7	41	90	175
704			Human Geography	5	5	10	2	1	1	17	41
705			Physical Geography	0	1	8	4	1	8	22	44
			Geography total	5	6	18	6	2	9	39	85
706			Home Science(inclu. Cloth/Living Environments)	0	1	2	1	0	2	30	36
707			Food Culture	0	0	0	0	1	3	7	11
			Domestic Science total	0	1	2	1	1	5	37	47
708			Science of Cultural Property	0	2	4	1	0	1	4	12
711			Science Education	4	1	7	6	3	2	13	36
712			Educational Engineering	3	2	8	3	4	11	13	44
713			Curriculum Studies	9	4	21	1	2	3	77	117
714			Japanese Language Education	2	3	13	1	1	2	23	45
			Science Education· Curriculum Education total	18	10	49	11	10	18	126	242
721			Statistics	4	3	25	2	3	30	14	81
731			Computer Science	6	14	108	7	41	237	68	481
732			Intelligent Informatics	5	8	94	5	32	169	76	389
733			Study of Information System (Inclu. Library and Information Science)	3	3	36	7	13	56	25	143
			Information Science total	14	25	238	19	86	462	169	1,013
741			Social System Engineering	1	2	21	5	6	34	21	90
751			Natural Disaster Science	1	1	18	4	1	22	5	52
761			Plasma Science and Technology	5	6	89	8	22	71	30	231
772			Nuclear Fusion	3	5	28	5	12	34	4	91
773			Energy Science General	1	3	20	2	9	56	18	109
774			Nuclear Power Science	2	6	10	3	23	44	19	107
			Energy total	6	14	58	10	44	134	41	307
801			Environmental Dynamic Analysis	4	6	19	9	8	21	23	90
802			Environmental Influence Assessment (inclu. Radiobiology)	7	2	11	2	8	19	10	59
803			Environmental Preservation	13	8	13	11	6	39	6	96
			Environmental Science total	24	16	43	22	22	79	39	245
811			Biological Organic Chemistry	4	4	13	7	5	28	16	77
812			Structured Biochemistry	3	2	23	1	6	15	5	55
813			Functional Biochemistry	14	6	25	5	11	31	19	111
			Biological Chemistry total	21	12	61	13	22	74	40	243
821			Biophysics	18	6	38	6	10	29	27	134
822			Molecular Biology	40	21	123	16	35	102	81	418
823			Cell Biology	13	9	31	13	7	21	27	121
824			Developmental Biology	14	2	41	7	6	16	20	106
			Basic Biology total	85	38	233	42	58	168	155	779
831			Neuroanatomy and Neuropathology	3	3	14	2	0	5	19	46
832			Neurochemistry and Neuropharmacology	3	2	18	8	5	16	13	65
833			Neuro Science in General	5	7	33	7	18	24	26	120
834			Neuro and Muscular Physiology	10	7	24	3	4	22	15	85
			Neuro Science (inclu. Brain Science) total	21	19	89	20	27	67	73	316
841			Laboratory Animal Science	1	1	4	3	1	11	1	22
851			Medical Organism Engineering and Material Science of Organism	3	4	65	3	14	94	42	225
			INTERDISCIPLINARY AREA Total	219	175	1,034	173	327	1,321	942	4,191
999			WIDE AREA Total	17	15	28	10	17	53	63	203
			Item n.a. Total	2	2	4	5	3	13	13	42
			Grand Total	1,765	1,232	5,345	963	2,556	8,332	7,707	27,898

Table 37. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	A R T S · H U M A N I T I E S		Philosophy	0	0	0	0	1	0	5	6
212			Chinese Philosophy	0	0	0	2	0	0	0	2
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0	0	0	0	0
214			Religion	0	0	1	0	0	0	1	2
215			Ethics	0	0	1	0	0	0	6	7
216			History of Philosophy	1	1	0	1	2	0	11	16
217			Aesthetics (inclu. Arts)	9	4	0	0	3	3	13	31
218			Art History	1	0	0	0	0	0	5	6
			Philosophy total	11	5	2	3	6	3	41	70
221			Experimental Psychology	0	0	0	0	3	1	6	10
222			Educational and Social	0	0	1	0	3	0	7	11
223			Sociology (inclu. Social Welfare)	3	3	3	2	5	1	22	39
224			Education	1	1	1	0	5	0	8	16
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	1	2	0	1	3	1	3	11
			Psychology· Sociology · Education Cultural Anthropology total	5	6	5	3	19	3	46	87
231			Japanese History	0	0	0	0	0	0	0	0
232			Oriental History	0	3	3	0	4	0	10	20
233			European History	0	0	1	0	0	0	5	6
234			Archaeology (inclu. Prehistory)	0	0	0	1	2	2	1	6
			History total	0	3	4	1	6	2	16	32
241			Japanese Language	0	0	0	0	0	0	1	1
242			Japanese Literature	3	0	0	0	1	0	3	7
243			Chinese Language and	1	0	0	0	0	0	2	3
244			English Language and Literature	0	2	0	1	7	0	25	35
245			French Language and Literature	0	0	1	0	1	0	2	4
246			German Language and Literature	0	0	0	0	2	0	1	3
247			Other Foreign Languages and Literatures	0	1	0	0	1	0	6	8
248			Linguistics and Phonetics	2	0	3	0	3	0	7	15
249			Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western	0	0	0	0	0	0	0	0
			Literature total	6	3	4	1	15	0	47	76
			ARTS · HUMANITIES Total	22	17	15	8	46	8	150	265
261	L A W		Basic Science of Law	0	0	0	0	0	1	0	1
262			Public Law	1	0	1	0	0	0	0	2
263			International Law	0	0	0	0	0	0	1	1
264			Civil Law	1	0	0	0	1	3	2	7
265			Social Law	0	0	1	1	0	0	0	2
266			Criminal Law	0	0	0	0	0	0	1	1
267			Politics	2	2	0	0	4	5	6	19
			LAW Total	4	2	2	1	5	9	10	33
271	E C O N O M I C S		General Theory of Economics	1	0	2	0	9	0	11	23
272			Economical Statistics	0	0	1	0	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	4	2	1	3	5	4	13	32
274			Economic History	0	0	0	0	4	0	1	5
275			Public Finance, Money and Banking	1	1	2	0	1	2	4	11
276			Commercial Science	0	0	0	0	1	0	3	4
277			Business Administration	2	1	1	3	1	6	5	19
278			Accounting	4	1	0	1	0	0	3	9
			ECONOMICS Total	12	5	7	7	21	12	40	104
301	S C I E N C E		Algebra	0	0	2	0	0	0	2	4
302			Geometry	1	2	4	0	1	0	0	8
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	2	0	3	0	1	6
305			Basic Analysis	1	1	0	0	4	1	5	12
306			Larger-area Analysis	0	0	3	0	3	0	0	6
			Mathematics total	2	3	11	0	11	1	8	36
311			Astronomy	0	0	1	0	0	0	0	1
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	6	3	9	0	6	6	5	35
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	1	1	0	1	8	11
323			Solid - State Physics II (Magnetism, Metal Physics,	2	0	3	0	4	5	7	21
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	0	3	1	1	7
325			Physics in General	0	0	0	0	0	0	4	4
			Physics total	9	3	14	1	13	13	25	78
331			Physics of Solid Earth	0	0	0	0	0	1	2	3
332			Meteorology, Oceanography and Hydrology	2	0	1	0	0	0	0	3

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
333			Aeronomy	0	0	0	0	0	0	0	0
334			Geology	1	2	2	0	0	0	2	7
335			Stratigraphy and Paleontology	0	0	1	0	0	0	1	2
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0	0	0	1	1
337			Geochemistry	1	0	2	0	0	0	2	5
			Earth Science total	4	2	6	0	0	1	8	21
341			Physical Chemistry	3	2	5	1	4	2	15	32
342			Organic Chemistry	1	0	3	0	3	3	4	14
343			Inorganic Chemistry	0	0	1	0	1	0	2	4
344			Function, Properties and Materials in Chemistry	0	0	0	0	2	2	2	6
345			Substance Transformation	0	0	0	0	0	0	0	0
346			Separation, Refining and Identification	3	0	0	0	2	0	3	8
			Chemistry total	7	2	9	1	12	7	26	64
351			Genetics	0	1	3	2	2	0	1	9
352			Ecology	0	1	1	2	4	3	5	16
353			Plant Physiology	2	1	11	1	2	1	6	24
354			Morphology, Structure of Organism	1	0	0	0	0	0	0	1
355			Animal Physiology and	1	0	1	0	2	0	2	6
356			Morphology and Taxonomy	0	0	0	0	0	0	2	2
			Biology total	4	3	16	5	10	4	16	58
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0	0	0	0	0
			SCIENCE Total	26	13	57	7	46	26	83	258
401			Applied Physics of Property and Crystallography	0	0	1	0	1	13	7	22
402			Surface Physics	0	0	0	0	0	0	5	5
403			Applied Optics and Quantum Optics	0	0	0	0	1	1	3	5
404			General Applied Physics	0	0	0	0	3	0	1	4
405			Fundamentals of Engineering	1	0	2	0	1	1	1	6
			Applied Physics· Fundamentals of Engineering total	1	0	3	0	6	15	17	42
411			Materials for Machines and Strength of Materials	2	0	2	0	3	3	14	24
412			Workshop Processes and Production Engineering	0	0	2	0	3	4	14	23
413			Design Engineering, Machine Elements and Tribology	4	0	4	0	1	2	3	14
414			Fluid Mechanics	0	0	2	0	6	1	10	19
415			Heat Engineering	0	0	0	0	2	6	5	13
416			Mechanics and Control Engineering	1	0	2	0	2	4	20	29
417			Intelligent Mechanics and Machine System	0	0	3	0	3	5	1	12
			Machine Engineering total	7	0	15	0	20	25	67	134
421			Electric Power Engineering and Electric Machinery	0	0	1	0	2	2	6	11
422			Electronic and Electric Materials Engineering	2	0	4	2	2	9	5	24
423			Electron Devices and Apparatus Engineering	0	0	0	0	3	1	2	6
424			Information and Communication Engineering	0	2	1	0	12	23	12	50
425			System Engineering	1	0	2	0	3	1	3	10
427			Electronic Measurements	0	6	2	0	1	1	5	15
428			Control Engineering	2	1	8	0	5	9	2	27
			Electric and Electronic Engineering	5	9	18	2	28	46	35	143
431			Construction Materials and Dynamics in General Civil Engineering	0	0	1	0	1	0	3	5
432			Structural Engineering and Seismology	0	0	0	0	0	1	4	5
433			Ground Engineering	0	0	0	0	0	0	3	3
434			Hydraulics and River Engineering	0	0	0	1	0	1	3	5
435			Traffic Engineering and Regional Planning	0	0	0	0	0	0	0	0
436			Civil Environmental System	0	0	0	0	0	1	2	3
			Civil Engineering total	0	0	1	1	1	3	15	21
441			Building Structure and Materials	1	0	2	0	1	0	3	7
442			Building Science and Building Equipment	1	0	0	0	0	0	5	6
443			City Planning and Building Planning	2	0	3	0	2	2	6	15
444			Architectural History and Design	1	1	0	0	0	0	0	2

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
			Architecture total	5	1	5	0	3	2	14	30
451			Physical Metallurgy	1	0	1	0	1	1	1	5
452			Inorganic Materials and	0	0	3	0	1	3	4	11
453			Composed Materials and	1	0	0	0	3	2	1	7
454			Properties								
454	E		Structural and Functional	0	3	1	0	1	6	0	11
455	N		Materials								
455			Metallurgy and Material	0	0	0	0	0	2	1	3
456			Metal Productive Engineering	0	0	0	0	0	0	2	2
	G		Material Engineering total	2	3	5	0	6	14	9	39
461			Chemical Engineering in General	2	3	0	0	2	2	3	12
462	I		Reaction and Separation	0	0	2	0	0	2	1	5
463	N		Engineering								
464			Catalyst and Chemical Process	0	0	0	0	1	0	0	1
465	E		Bioengineering	2	1	0	0	1	0	4	8
			Industrial Analytical Chemistry	0	0	1	1	0	1	3	6
			Process Engineering total	4	4	3	1	4	5	11	32
471	E		Industrial Physical Chemistry	2	1	3	0	0	1	2	9
472			Industrial Inorganic Chemistry	0	0	2	0	0	0	1	3
473	R		Industrial Organic Chemistry	0	0	1	0	3	0	0	4
474			Synthetic Chemistry	0	0	1	0	1	4	2	8
475	I		Polymer Synthesis	2	0	1	0	0	4	6	13
476	N		Polymer Structure and Property	0	0	1	0	2	5	22	30
			(inclu. Fiber)								
			Industrial Chemistry total	4	1	9	0	6	14	33	67
481	G		Aeronautics	0	0	1	0	2	0	7	10
482			Ship Engineering	0	1	2	2	2	5	0	12
483			Marine Engineering	0	0	0	0	1	0	0	1
484			Resource Development	0	0	0	0	0	0	0	0
			Engineering								
			Synthetic Engineering total	0	1	3	2	5	5	7	23
			ENGINEERING Total	28	19	62	6	79	129	208	531
501			Plant Breeding	1	0	2	0	1	1	1	6
502			Crop Science	0	0	0	0	1	0	0	1
503			Horticulture and Landscape	1	2	0	0	2	1	9	15
504			Architecture								
504			Plant Protection	2	0	0	1	0	0	5	8
505			Sericultural Science and	0	0	0	0	0	0	0	0
			Economic Entomology								
			Agriculture total	4	2	2	1	4	2	15	30
511	A		Plant Fertilizer and Manure and	2	0	2	2	0	2	1	9
512			Soil Science								
512	G		Applied Microbiochemistry and	0	0	1	0	3	2	4	10
513			Applied Biochemistry								
513	R		Biological Productive Chemistry	0	0	1	0	1	4	1	7
514			and Bioorganic Chemistry								
514			Food Science and Nutritional	2	0	2	1	8	1	12	26
			Chemistry								
			Agricultural Chemistry total	4	0	6	3	12	9	18	52
521	I		Forestry	0	0	3	2	0	3	3	11
522	C		Wood Science	3	0	1	0	4	1	1	10
			Forestry total	3	0	4	2	4	4	4	21
531	U		Fisheries in General	1	0	1	0	0	0	0	2
532			Fisheries Chemistry	0	0	0	0	0	0	0	0
			Fisheries total	1	0	1	0	0	0	0	2
541	L		Agricultural Economics	1	0	2	0	0	0	2	5
551	T		Irrigation, Drainage and	0	0	1	0	0	0	1	2
552	U		Reclamation Engineering and								
553	R		Rural Planning	0	0	2	0	0	1	0	3
			Agricultural Machinery								
			Biological Environment	0	0	0	0	1	0	1	2
			Agricultural Engineering total	0	0	3	0	1	1	2	7
561	E		Animal Science and Grassland	0	0	1	0	2	1	1	5
562			Science								
562			Applied Animal Science	0	0	0	0	0	0	1	1
563			Basic Veterinary Medicine and	1	1	1	0	0	1	2	6
564			Basic Animal Science								
564			Applied Veterinary Medicine	0	0	1	0	2	0	0	3
			Animal Science· Veterinary Medicine								
			total	1	1	3	0	4	2	4	15
571			Biological Resource Science	0	0	0	0	0	2	0	2
572			Applied Molecular Cell Biology	0	0	0	0	0	0	0	0
			Interdisciplinary Agricultural Science	0	0	0	0	0	2	0	2
			total								
			AGRICULTURE Total	14	3	21	6	25	20	45	134
601	CM IND EI		Anatomy in General (inclu.	0	0	1	0	2	0	7	10
602			Histology, Embryology)								
602			Physiology in General	2	1	2	5	2	0	6	18

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	3	0	0	1	4	8
604			Pharmacology in General	0	0	3	0	2	1	7	13
605			Medical Chemistry in General	0	9	0	0	3	5	7	24
606			Pathological Medical Chemistry	2	0	1	0	0	3	8	14
			Physiology total	4	10	10	5	9	10	39	87
611			Hominal Pathology	1	0	0	0	1	0	5	7
612			Experimental Pathology	15	3	3	0	6	2	10	39
613			Parasitology (inclu. Medical Zoology)	0	0	0	2	0	1	3	6
614			Bacteriology (inclu. Eumycetes)	1	2	4	0	2	2	3	14
615			Virology	2	3	0	3	1	2	2	13
616			Immunology	1	1	1	0	1	0	4	8
			Pathology total	20	9	8	5	11	7	27	87
621			Hygiene	0	0	0	0	1	0	7	8
622			Public Health and Health	3	1	4	0	4	0	16	28
623			Legal Medicine	0	1	0	0	4	0	4	9
			Social Medicine total	3	2	4	0	9	0	27	45
631			Internal Medicine in General	4	1	2	0	4	3	15	29
632			Gastroenterology	3	0	1	1	2	8	28	43
633			Internal Medicine Respiratory System	1	0	0	0	0	0	17	18
634			Neurological Medicine	1	0	0	0	1	2	5	9
635			Cardioangiopathy	0	2	0	0	4	4	39	49
636			Pediatrics	3	2	0	1	8	2	29	45
637			Dermatology	1	4	2	1	4	6	21	39
638			Radiology	5	4	1	0	5	0	20	35
639			Neuropsychiatry	2	0	0	0	4	0	25	31
640			Endocrinology and Metabolic Science	7	2	0	0	2	1	3	15
641	M		Hematology	4	10	4	0	1	0	27	46
642	E		Internal Medicine of Kidney	0	0	0	0	0	4	7	11
643			Embryology and Newborn	0	0	0	0	0	0	1	1
644			Endocrinology	0	0	0	0	1	0	1	2
645	D		Metabolic Science	0	1	0	0	0	0	0	1
			Internal Medicine total	31	26	10	3	36	30	238	374
651	I		Surgery in General	2	3	1	1	5	1	11	24
652			Gastroenterological Surgery	6	0	0	1	2	2	27	38
653	C		Thoracic Surgery	0	3	0	1	4	0	16	24
654			Neurosurgery	14	2	1	0	2	0	37	56
655	I		Orthopedic Surgery	10	5	2	0	5	0	84	106
656	N		Anesthesiology and Rescue Medicine	2	4	1	1	3	2	37	50
657			Urology	1	4	0	0	4	2	27	38
658	E		Obstetrics and Gynecology	3	2	4	0	3	1	18	31
659			Oto-rhino-laryngology	2	4	1	0	1	2	33	43
660			Ophthalmology	3	0	2	0	12	9	32	58
661			Pediatric Surgery	2	0	1	0	0	0	4	7
662			Formative Surgery	0	0	0	0	0	0	2	2
			Surgery total	45	27	13	4	41	19	328	477
671			Oral Anatomy and Morphological Basic Dentistry	0	0	0	0	3	0	1	4
672			Functional Basic Dentistry	0	0	0	0	0	0	0	0
673			Morbid Dentistry (inclu. Dental Radiology)	1	0	0	0	3	0	2	6
674			Conservative Dentistry	0	0	0	0	3	0	0	3
675			Prosthodontics and Dental Technology	0	0	0	0	4	0	2	6
676			Oral Surgery	0	1	0	0	3	2	22	28
677			Orthodontics, Pedodontics and Social Dentistry	0	0	0	1	1	0	0	2
678			Periodontological Dentistry	0	0	0	0	1	0	0	1
			Dentistry total	1	1	0	1	18	2	27	50
681			Chemical Pharmaceutics	2	2	2	0	3	6	4	19
682			Physical Pharmaceutics	2	1	0	0	2	5	2	12
683			Biopharmaceutics	0	2	1	0	4	5	5	17
684			Molecular Pharmaceutics	0	0	0	0	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0	0	0	0	0
			Pharmaceutics total	4	5	3	0	9	16	11	48
691			Medical Sociology	0	0	0	0	0	0	1	1
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	4	6	11
696			Science of Basic and Local Nursing	2	0	0	1	10	3	11	27
697			Science of Clinical Nursing	0	0	0	0	2	0	6	8
			Medicine in Gene r a l total	2	0	0	1	13	7	24	47

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Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
			MEDICINE Total	110	80	48	19	146	91	721	1,215
702			History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	0	0	0	1	1
703			Physical Education	2	0	0	0	3	1	12	18
704			Human Geography	0	0	0	4	1	0	3	8
705			Physical Geography	0	0	0	0	1	0	3	4
			Geography total	0	0	0	4	2	0	6	12
706			Home Science(inclu. Cloth/Living Environments)	2	2	1	0	0	1	8	14
707			Food Culture	1	0	0	0	1	0	3	5
			Domestic Science total	3	2	1	0	1	1	11	19
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			Educational Engineering	0	0	0	0	0	1	0	1
713			Curriculum Studies	0	0	0	0	1	0	2	3
714			Japanese Language Education	0	0	0	0	0	0	0	0
			Science Education· Curriculum Education total	0	0	0	0	1	1	2	4
721			Statistics	0	0	0	0	0	0	0	0
731			Computer Science	1	0	3	0	10	5	8	27
732			Intelligent Informatics	1	0	11	1	4	12	6	35
733			Study of Information System (Inclu. Library and Information Science)	0	3	2	2	1	16	2	26
			Information Science total	2	3	16	3	15	33	16	88
741			Social System Engineering	0	0	3	0	1	1	0	5
751			Natural Disaster Science	0	0	1	0	0	1	1	3
761			Plasma Science and Technology	0	1	0	0	0	0	3	4
772			Nuclear Fusion	0	0	1	0	0	0	1	2
773			Energy Science General	0	0	0	0	0	2	1	3
774			Nuclear Power Science	0	0	0	0	0	0	0	0
			Energy total	0	0	1	0	0	2	2	5
801			Environmental Dynamic Analysis	0	0	0	0	0	4	3	7
802			Environmental Influence Assessment (inclu. Radiobiology)	3	4	0	0	0	1	2	10
803			Environmental Preservation	1	0	0	0	1	0	0	2
			Environmental Science total	4	4	0	0	1	5	5	19
811			Biological Organic Chemistry	0	0	0	0	1	0	6	7
812			Structured Biochemistry	0	0	4	0	0	3	4	11
813			Functional Biochemistry	0	0	2	0	2	1	4	9
			Biological Chemistry total	0	0	6	0	3	4	14	27
821			Biophysics	3	1	0	0	1	0	3	8
822			Molecular Biology	3	0	6	0	5	3	6	23
823			Cell Biology	1	0	1	2	2	0	4	10
824			Developmental Biology	1	0	2	0	1	1	2	7
			Basic Biology total	8	1	9	2	9	4	15	48
831			Neuroanatomy and Neuropathology	0	1	1	0	1	3	3	9
832			Neurochemistry and Neuropharmacology	3	0	0	0	2	0	2	7
833			Neuro Science in General	1	4	4	0	3	2	5	19
834			Neuro and Muscular Physiology	1	1	2	0	0	0	8	12
			Neuro Science (inclu. Brain Science) total	5	6	7	0	6	5	18	47
841			Laboratory Animal Science	0	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0	2	2	4	8
			INTERDISCIPLINARY AREA Total	24	18	44	9	44	60	111	310
999			WIDE AREA Total	3	2	2	1	6	5	23	42
			Item n.a. Total	0	3	0	1	1	1	9	15
			Grand Total	243	162	258	65	419	361	1,400	2,907

Table 38. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subdi vision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total		
211	A R T S · H U M A N I T I E S		Philosophy	10	4	6	0	34	2	22	78		
212			Chinese Philosophy	2	6	0	1	6	1	6	22		
213			Indian Philosophy (inclu. Buddhist Studies)	16	9	2	2	28	1	82	140		
214			Religion	15	6	2	0	32	3	18	76		
215			Ethics	3	3	1	0	8	4	7	26		
216			History of Philosophy	2	2	0	1	14	0	12	31		
217			Aesthetics (inclu. Arts)	40	27	2	2	33	6	58	168		
218			Art History	12	1	16	3	7	20	13	72		
		Philosophy total			100	58	29	9	162	37	218	613	
221				Experimental Psychology	3	2	5	1	35	8	35	89	
222				Educational and Social	11	7	5	2	80	6	78	189	
223				Sociology (inclu. Social Welfare)	43	21	12	14	86	25	114	315	
224				Education	13	27	17	5	71	8	69	210	
225				Cultural Anthropology (i n c l u. Ethnology and Folklore)	20	12	7	3	33	2	34	111	
		Psychology· Sociology · Education Cultural Anthropology total			90	69	46	25	305	49	330	914	
231				Japanese History	13	5	2	2	9	0	17	48	
232				Oriental History	12	12	11	2	20	2	26	85	
233				European History	10	5	3	3	26	5	37	89	
234				Archaeology (inclu. Prehistory)	4	4	7	1	3	4	14	37	
			History total			39	26	23	8	58	11	94	259
241					Japanese Language	4	3	1	2	16	1	13	40
242					Japanese Literature	12	7	0	4	24	6	37	88
243					Chinese Language and	12	8	1	2	37	0	40	101
244					English Language and Literature	34	35	7	10	219	13	176	498
245					French Language and Literature	5	5	2	1	17	1	17	48
246					German Language and Literature	9	7	1	1	21	2	19	60
247					Other Foreign Languages and Literatures	17	6	2	1	21	2	24	73
248		Linguistics and Phonetics			25	22	9	2	115	4	110	285	
249				Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western	7	5	2	1	22	1	18	56	
				Literature total			125	98	25	24	492	30	454
	ARTS · HUMANITIES Total			354	251	123	66	1,017	127	1,096	3,035		
261	L A W		Basic Science of Law	2	3	2	1	16	5	7	36		
262			Public Law	12	3	1	1	21	6	24	59		
263			International Law	6	16	1	7	12	3	12	57		
264			Civil Law	9	3	11	7	26	11	37	103		
265			Social Law	4	10	4	4	2	2	11	36		
266			Criminal Law	7	1	1	2	14	2	8	35		
267			Politics	41	35	10	18	52	27	55	237		
	LAW Total			81	71	30	40	143	56	154	563		
271	E C O N O M I C S		General Theory of Economics	17	9	8	5	61	6	41	147		
272			Economical Statistics	3	3	3	2	13	1	6	31		
273			Economic Policy (inclu. Economic Condition)	45	43	7	21	56	17	62	251		
274			Economic History	5	1	7	1	20	2	12	46		
275			Public Finance, Money and Banking	12	6	4	0	24	4	19	71		
276			Commercial Science	5	4	3	1	24	4	36	77		
277			Business Administration	37	15	7	8	86	14	89	256		
278			Accounting	5	2	2	2	27	3	38	79		
	ECONOMICS Total			129	83	41	40	311	51	303	958		
301	S C I E N C E		Algebra	5	5	9	0	16	0	9	44		
302			Geometry	4	0	5	0	12	0	9	30		
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	7	9	1	40	4	24	95		
305			Basic Analysis	2	4	19	1	28	4	11	69		
306			Larger-area Analysis	1	0	4	0	5	0	2	12		
		Mathematics total			22	16	46	2	101	8	55	250	
311				Astronomy	1	1	1	0	8	0	3	14	
321				Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	5	9	27	1	61	4	31	138	
322				Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	7	0	4	4	53	2	17	107	
323				Solid - State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories)	3	1	3	2	47	2	10	68	
324				Physics in General	1	0	6	1	14	0	10	32	
				Physics total			24	14	47	9	200	10	73
331			Physics of Solid Earth	1	0	2	2	4	4	3	16		
332			Meteorology, Oceanography and Hydrology	2	4	6	1	7	7	2	29		

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333	S C I E N C E		Aeronomy	0	0	3	0	1	1	1	6
334			Geology	0	3	0	0	2	1	1	7
335			Stratigraphy and Paleontology	1	2	2	0	2	0	1	8
336			Mineralogy, Petrology and Study of Mineral Deposit	2	0	0	1	3	0	2	8
337			Geochemistry	0	1	0	1	1	0	0	3
			Earth Science total	6	10	13	5	20	13	10	77
341			Physical Chemistry	8	8	4	0	36	10	20	86
342			Organic Chemistry	3	4	1	0	19	4	12	43
343			Inorganic Chemistry	5	3	3	0	14	0	12	37
344			Function, Properties and Materials in Chemistry	6	3	3	1	21	11	20	65
345			Substance Transformation	0	0	0	0	3	1	0	4
346			Separation, Refining and Identification	2	3	1	0	7	1	12	26
			Chemistry total	24	21	12	1	100	27	76	261
351			Genetics	1	0	0	0	6	0	2	9
352			Ecology	7	2	1	1	6	4	7	28
353			Plant Physiology	3	1	4	0	19	0	7	34
354			Morphology, Structure of Organism	0	0	1	0	5	1	6	13
355			Animal Physiology and	0	1	1	0	6	6	4	18
356			Morphology and Taxonomy	2	3	0	3	7	1	5	21
			Biology total	13	7	7	4	49	12	31	123
361			Physical Anthropology (inclu. Physiological Anthropology)	1	0	1	0	3	0	3	8
			SCIENCE Total	91	69	127	21	481	70	251	1,130
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	2	0	4	2	22	6	9	45
402			Surface Physics	4	4	4	7	23	8	9	58
403			Applied Optics and Quantum Optics	3	1	4	7	34	17	20	86
404			General Applied Physics	0	0	2	0	7	3	6	18
405			Fundamentals of Engineering	0	0	1	0	6	6	3	16
			Applied Physics-Fundamentals of Engineering total	9	5	15	16	92	40	47	223
411			Materials for Machines and Strength of Materials	3	1	6	3	64	27	23	126
412			Workshop Processes and Production Engineering	3	12	13	8	57	26	15	134
413			Design Engineering, Machine Elements and Tribology	0	1	1	0	32	12	10	56
414			Fluid Mechanics	0	2	5	7	52	18	36	120
415			Heat Engineering	1	5	6	1	42	35	13	103
416			Mechanics and Control Engineering	2	2	3	0	39	19	14	79
417			Intelligent Mechanics and Machine System	2	3	8	9	34	15	19	90
			Machine Engineering total	11	26	42	28	320	152	130	708
421			Electric Power Engineering and Electric Machinery	2	5	4	14	66	50	29	170
422			Electronic and Electric Materials Engineering	5	9	15	3	77	24	22	155
423			Electron Devices and Apparatus Engineering	5	1	11	6	59	27	27	135
424			Information and Communication Engineering	12	4	14	7	138	75	49	299
425			System Engineering	1	2	3	3	46	4	16	77
427			Electronic Measurements	0	3	2	2	47	30	18	102
428			Control Engineering	1	0	3	0	28	6	14	52
			Electric and Electronic Engineering	26	24	52	35	461	216	175	990
431	G		Construction Materials and Dynamics in General Civil Engineering	0	1	2	1	19	19	5	47
432			Structural Engineering and Seismology	0	4	1	0	30	17	14	66
433			Ground Engineering	0	1	2	1	20	6	8	38
434			Hydraulics and River Engineering	2	1	4	1	14	4	9	35
435			Traffic Engineering and Regional Planning	3	0	3	10	9	12	22	59
436			Civil Environmental System	3	7	5	6	9	15	11	55
			Civil Engineering total	8	14	17	19	101	73	69	300
441			Building Structure and Materials	4	2	3	1	32	13	27	82
442			Building Science and Building Equipment	3	0	2	2	21	2	20	50
443			City Planning and Building Planning	9	3	6	6	34	10	31	99
444			Architectural History and Design	1	2	4	4	8	2	4	25
			Architecture total	17	7	15	13	95	27	82	256

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451	E N G I N E E R I N G		Physical Metallurgy	0	2	2	1	14	1	10	30										
452			Inorganic Materials and	4	0	8	1	30	17	23	83										
453			Composed Materials and Properties	1	0	3	0	11	8	5	28										
454			Structural and Functional Materials	2	1	4	3	19	6	6	41										
455			Metallurgy and Material	1	0	1	1	17	5	7	32										
456			Metal Productive Engineering	0	0	2	0	8	4	2	16										
			Material Engineering total	8	3	20	6	99	41	53	230										
461			G I N E E R I N G		Chemical Engineering in General	0	1	1	0	11	5	3	21								
462					Reaction and Separation Engineering	0	2	4	3	13	1	6	29								
463					Catalyst and Chemical Process	0	1	0	2	15	9	2	29								
464					Bioengineering	1	1	1	3	9	7	6	28								
465					Industrial Analytical Chemistry	2	0	1	0	7	1	2	13								
					Process Engineering total	3	5	7	8	55	23	19	120								
471					E N G I N E E R I N G		Industrial Physical Chemistry	0	1	1	0	22	8	8	40						
472							Industrial Inorganic Chemistry	1	0	1	3	20	1	2	28						
473							Industrial Organic Chemistry	0	2	2	0	13	5	3	25						
474							Synthetic Chemistry	3	3	0	0	13	6	5	30						
475							Polymer Synthesis	6	2	5	1	18	8	12	52						
476							Polymer Structure and Property (inclu. Fiber)	2	3	1	0	22	7	7	39						
							Industrial Chemistry total	12	11	10	4	108	35	37	214						
481							G I N E E R I N G		Aeronautics	1	0	2	2	16	2	6	29				
482									Ship Engineering	0	0	0	0	2	2	1	5				
483									Marine Engineering	0	0	0	3	4	0	4	11				
484									Resource Development Engineering	2	4	6	0	2	3	7	24				
									Synthetic Engineering total	3	4	8	5	24	7	18	69				
									ENGINEERING Total	97	99	186	134	1,355	614	630	3,110				
501	A G R I C U L T U R A L								Plant Breeding	0	0	1	0	2	0	3	6				
502									Crop Science	2	0	0	1	0	1	3	7				
503									Horticulture and Landscape Architecture	2	3	1	3	13	6	10	38				
504									Plant Protection	1	0	2	0	4	1	2	10				
505									Sericultural Science and Economic Entomology	0	0	0	0	2	0	5	7				
									Agriculture total	5	3	4	4	21	8	23	68				
511									A G R I C U L T U R A L		Plant Fertilizer and Manure and Soil Science	0	1	2	0	5	1	3	12		
512			Applied Microbiochemistry and Applied Biochemistry	5							3	6	6	12	10	13	55				
513			Biological Productive Chemistry and Bioorganic Chemistry	3							0	0	1	4	4	1	13				
514			Food Science and Nutritional Chemistry	2							4	3	2	36	8	29	84				
			Agricultural Chemistry total	10							8	11	9	57	23	46	164				
521			U N I V E R S I T Y								Forestry	0	2	0	0	1	0	3	6		
522											Wood Science	0	1	0	0	1	0	2	4		
					Forestry total	0					3	0	0	2	0	5	10				
531					U N I V E R S I T Y						Fisheries in General	4	0	3	5	8	0	12	32		
532											Fisheries Chemistry	0	0	1	0	0	2	3	6		
											Fisheries total	4	0	4	5	8	2	15	38		
541											Agricultural Economics	3	4	3	2	13	2	5	32		
551											E N G I N E E R I N G		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	0	1	1	4	0	1	9
552													Agricultural Machinery	0	0	1	1	3	0	1	6
553							Biological Environment	1					1	1	1	1	2	0	7		
							Agricultural Engineering total	3					1	3	3	8	2	2	22		
561							E N G I N E E R I N G						Animal Science and Grassland Science	0	1	0	2	9	2	6	20
562													Applied Animal Science	0	0	1	1	2	2	4	10
563													Basic Veterinary Medicine and Basic Animal Science	2	0	0	0	11	3	9	25
564													Applied Veterinary Medicine	3	4	0	0	8	3	12	30
	Animal Science-Veterinary Medicine total	5											5	1	3	30	10	31	85		
571	E N G I N E E R I N G												Biological Resource Science	2	0	1	0	1	3	1	8
572													Applied Molecular Cell Biology	0	0	0	0	2	0	2	4
													Interdisciplinary Agricultural Science total	2	0	1	0	3	3	3	12
													AGRICULTURE Total	32	24	27	26	142	50	130	431
601													C M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	5	3	7	0	22	6
602									Physiology in General	2					3	11	4	21	10	38	89

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603	M E D I C I N E		Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	1	5	22	11	39	79
604			Pharmacology in General	2	6	1	2	22	7	23	63
605			Medical Chemistry in General	13	4	8	1	13	2	18	56
606			Pathological Medical Chemistry	3	2	0	0	5	7	15	32
			Physiology total	25	19	28	12	105	43	163	392
611			Hominal Pathology	4	6	3	0	23	8	47	91
612			Experimental Pathology	6	1	2	1	12	2	14	38
613			Parasitology (inclu. Medical Zoology)	5	5	11	15	5	3	5	49
614			Bacteriology (inclu. Eumycetes)	10	4	4	0	15	13	13	59
615			Virology	2	2	1	0	2	3	7	17
616			Immunology	4	1	5	2	19	8	19	58
			Pathology total	31	19	26	18	76	37	105	312
621			Hygiene	0	0	3	0	13	6	41	63
622			Public Health and Health	14	11	4	2	43	12	43	129
623			Legal Medicine	0	0	0	0	12	4	13	29
			Social Medicine total	14	11	7	2	68	22	97	221
631			Internal Medicine in General	19	7	1	1	32	15	77	152
632			Gastroenterology	23	4	5	0	28	11	117	188
633			Internal Medicine Respiratory System	10	4	0	1	25	4	63	107
634			Neurological Medicine	5	7	9	1	20	5	48	95
635			Cardioangiopathy	17	14	9	0	47	9	168	264
636			Pediatrics	23	3	1	0	25	10	69	131
637			Dermatology	12	3	1	1	21	4	52	94
638			Radiology	13	5	1	1	54	17	106	197
639			Neuropsychiatry	13	5	1	2	29	14	69	133
640			Endocrinology and Metabolic Science	8	6	0	0	9	3	38	64
641			Hematology	4	2	7	0	18	11	49	91
642			Internal Medicine of Kidney	1	5	1	1	14	4	59	85
643			Embryology and Newborn	4	0	0	0	0	2	5	11
644			Endocrinology	6	2	1	0	4	0	30	43
645			Metabolic Science	2	0	0	0	13	1	33	49
			Internal Medicine total	160	67	37	8	339	110	983	1,704
651			Surgery in General	18	7	3	0	27	7	110	172
652			Gastroenterological Surgery	7	4	0	0	25	3	123	162
653			Thoracic Surgery	7	8	1	0	25	5	57	103
654			Neurosurgery	17	6	1	0	30	3	98	155
655			Orthopedic Surgery	18	3	1	2	30	10	169	233
656			Anesthesiology and Rescue Medicine	11	7	2	0	22	7	43	92
657			Urology	3	5	0	0	23	4	76	111
658			Obstetrics and Gynecology	8	2	0	1	13	5	68	102
659			Oto-rhino-laryngology	5	2	1	4	36	2	42	92
660			Ophthalmology	8	9	0	1	14	6	54	92
661			Pediatric Surgery	0	0	1	0	3	0	16	20
662			Formative Surgery	0	0	0	0	5	0	27	32
			Surgery total	102	53	10	8	253	52	883	1,366
671	D E N T I S T R Y		Oral Anatomy and Morphological Basic Dentistry	1	6	1	1	43	0	27	79
672			Functional Basic Dentistry	3	4	8	1	35	1	24	76
673			Morbid Dentistry (inclu. Dental Radiology)	1	0	2	0	23	3	17	46
674			Conservative Dentistry	6	4	3	0	76	7	62	158
675			Prosthodontics and Dental Technology	9	9	5	1	74	4	79	181
676			Oral Surgery	7	2	9	6	70	7	40	141
677			Orthodontics, Pedodontics and Social Dentistry	3	4	1	0	33	1	41	83
678			Periodontological Dentistry	0	0	0	0	6	0	8	14
			Dentistry total	30	29	29	9	360	23	298	778
681			Chemical Pharmaceuticals	5	4	10	0	66	17	10	107
682			Physical Pharmaceuticals	11	3	1	1	24	11	11	62
683			Biopharmaceuticals	15	5	9	1	87	14	41	168
684			Molecular Pharmaceuticals	1	0	0	0	8	2	2	12
685			Environmental Pharmaceuticals	0	0	1	0	0	0	2	3
			Pharmaceuticals total	32	12	21	2	185	44	66	352
691	M E D I C I N E		Medical Sociology	3	1	0	0	5	0	12	21
692			Human Genetics	1	0	2	1	3	3	6	16
693			Applied Pharmacology and Medical Pharmacology	5	3	0	1	24	7	14	51
694			Pathological Examination	1	0	4	0	9	5	18	37
696			Science of Basic and Local Nursing	0	1	0	0	7	0	18	26
697			Science of Clinical Nursing	1	2	1	1	3	0	7	15
			Medicine in Gene r a l total	11	7	7	3	51	15	75	166

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			MEDICINE Total	405	217	165	62	1,437	346	2,670	5,291
702			History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	0	1	0	14	3	3	23
703			Physical Education	6	20	4	0	55	18	78	181
704			Human Geography	4	1	0	0	13	0	14	32
705			Physical Geography	1	4	1	0	6	0	7	19
			Geography total	5	5	1	0	19	0	21	51
706			Home Science(inclu. Cloth/Living Environments)	6	4	5	0	30	2	51	98
707			Food Culture	0	0	0	0	6	1	9	16
			Domestic Science total	6	4	5	0	36	3	60	114
708			Science of Cultural Property	0	1	0	0	0	0	0	1
711			Science Education	4	3	3	1	4	2	9	26
712			Educational Engineering	1	1	2	0	11	4	11	30
713			Curriculum Studies	2	3	0	0	15	4	22	46
714			Japanese Language Education	2	2	1	2	7	1	4	19
			Science Education· Curriculum Education total	9	9	6	3	37	11	46	121
721			Statistics	3	0	1	3	13	4	5	29
731			Computer Science	6	11	11	3	68	57	33	186
732			Intelligent Informatics	1	4	10	0	48	23	13	97
733			Study of Information System (Inclu. Library and Information Science)	6	6	5	6	66	18	34	141
			Information Science total	13	21	26	9	182	98	80	424
741			Social System Engineering	6	1	6	1	42	8	13	77
751			Natural Disaster Science	0	0	1	2	4	0	0	7
761			Plasma Science and Technology	0	1	0	0	12	6	6	25
772			Nuclear Fusion	0	0	1	1	2	0	0	4
773			Energy Science General	1	0	0	3	9	6	4	23
774			Nuclear Power Science	0	0	1	0	3	3	2	9
			Energy total	1	0	2	4	14	9	6	36
801			Environmental Dynamic Analysis	0	1	0	1	5	8	1	16
802			Environmental Influence Assessment (inclu. Radiobiology)	5	2	0	0	8	8	21	44
803			Environmental Preservation	4	3	0	4	20	6	12	47
			Environmental Science total	9	6	0	5	33	22	34	107
811			Biological Organic Chemistry	0	0	3	0	1	2	3	9
812			Structured Biochemistry	2	2	5	3	13	8	6	39
813			Functional Biochemistry	2	5	1	2	12	4	11	37
			Biological Chemistry total	4	7	9	5	26	14	20	85
821			Biophysics	2	0	7	3	14	2	6	34
822			Molecular Biology	4	5	12	6	24	9	19	79
823			Cell Biology	2	2	3	0	13	1	5	26
824			Developmental Biology	1	1	1	1	6	2	1	13
			Basic Biology total	9	8	23	10	57	14	31	152
831			Neuroanatomy and Neuropathology	2	1	0	3	3	2	14	25
832			Neurochemistry and Neuropharmacology	5	1	2	1	9	2	9	29
833			Neuro Science in General	4	2	4	5	22	6	17	60
834			Neuro and Muscular Physiology	3	1	4	1	15	3	8	35
			Neuro Science (inclu. Brain Science) total	14	5	10	10	49	13	48	149
841			Laboratory Animal Science	0	1	0	0	7	1	2	11
851			Medical Organism Engineering and Material Science of Organism	7	1	9	2	30	6	28	83
			INTERDISCIPLINARY AREA Total	94	90	104	54	630	230	481	1,676
999			WIDE AREA Total	30	36	13	15	95	21	114	324
			Item n.a. Total	3	5	3	1	10	0	24	46
			Grand Total	1,316	945	819	459	5,621	1,565	5,853	16,564

Table 39. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
211	A R T S · H U M A N I T I E S		Philosophy	779	604	124	6	1	323	3	28	231	1,010
212			Chinese Philosophy	137	41	4	0	0	3	124	3	90	227
213			Indian Philosophy (inclu. Buddhist Studies)	290	280	10	0	0	23	10	17	223	513
214			Religion	352	308	29	7	0	82	1	27	119	471
215			Ethics	159	137	5	2	1	59	1	4	96	255
216			History of Philosophy	223	164	30	8	6	61	14	22	101	324
217			Aesthetics (inclu. Arts)	963	744	90	11	8	211	15	97	1,814	2,777
218			Art History	320	268	39	4	1	33	18	48	188	508
			Philosophy total	3,223	2,546	331	38	17	795	186	246	2,862	6,085
221			Experimental Psychology	727	726	2	1	1	15	2	7	153	880
222			Educational and Social Psychology	1,809	1,788	27	6	4	44	10	18	707	2,516
223			Sociology (inclu. Social Welfare)	1,638	1,577	69	12	5	72	32	60	866	2,504
224			Education	1,816	1,701	59	15	25	162	31	63	1,194	3,010
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	643	580	33	37	6	19	41	88	143	786
			Psychology· Sociology · Education Cultural Anthropology total	6,633	6,372	190	71	41	312	116	236	3,063	9,696
231			Japanese History	346	320	8	2	3	12	13	24	889	1,235
232			Oriental History	434	267	12	1	4	3	219	97	173	607
233			European History	651	517	92	44	27	128	1	59	144	795
234			Archaeology (inclu. Prehistory)	225	199	2	4	3	5	20	16	137	362
			History total	1,656	1,303	114	51	37	148	253	196	1,343	2,999
241			Japanese Language	259	227	4	1	1	9	26	31	544	803
242			Japanese Literature	408	352	14	1	2	14	28	50	1,873	2,281
243			Chinese Language and Literature	521	73	3	0	1	2	517	23	145	666
244			English Language and Literature	4,428	4,419	94	26	6	34	3	83	705	5,133
245			French Language and Literature	716	162	708	7	1	8	1	7	79	795
246			German Language and Literature	966	212	16	1	1	958	3	15	118	1,084
247			Other Foreign Languages and Literatures	439	232	15	106	108	9	7	190	53	492
248			Linguistics and Phonetics	1,403	1,340	78	39	12	62	23	103	203	1,606
249			Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western Classics	290	241	54	2	5	42	14	34	94	384
			Literature total	9,430	7,258	986	183	137	1,138	622	536	3,814	13,244
			ARTS · HUMANITIES Total	20,942	17,479	1,621	343	232	2,393	1,177	1,214	11,082	32,024
261	L A W		Basic Science of Law	280	214	26	2	5	70	15	14	128	408
262			Public Law	419	339	51	1	1	106	6	6	239	658
263			International Law	257	252	27	4	0	13	4	6	61	318
264			Civil Law	736	603	63	3	1	222	10	14	370	1,106
265			Social Law	167	144	9	1	0	32	1	4	76	243
266			Criminal Law	221	169	12	0	1	77	5	0	112	333
267			Politics	948	886	62	20	27	62	38	72	266	1,214
			LAW Total	3,028	2,607	250	31	35	582	79	116	1,252	4,280
271	E C O N O M I C S		General Theory of Economics	1,088	1,067	30	2	6	46	15	15	305	1,393
272			Economical Statistics	193	193	2	1	1	3	3	1	65	258
273			Economic Policy (inclu. Economic Condition)	1,141	1,080	19	18	19	44	61	62	361	1,502
274			Economic History	424	376	24	7	8	50	15	21	184	608
275			Public Finance, Money and Banking	492	482	8	2	0	22	5	5	176	668
276			Commercial Science	415	407	11	6	2	11	10	9	187	602
277			Business Administration	1,108	1,080	20	5	6	58	25	46	476	1,584
278			Accounting	638	616	13	1	2	49	10	12	365	1,003
			ECONOMICS Total	5,499	5,301	127	42	44	283	144	171	2,119	7,618
301	M A T H E M A T I C S		Algebra	596	595	17	1	3	6	0	1	126	722
302			Geometry	534	532	12	0	1	3	2	1	129	663
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	664	664	10	0	2	4	6	5	174	838
305			Basic Analysis	624	618	39	1	1	3	3	3	112	736
306			Larger-area Analysis	133	133	6	0	1	2	0	0	23	156
			Mathematics total	2,551	2,542	84	2	8	18	11	10	564	3,115
311			Astronomy	370	370	1	0	2	1	0	1	39	409
321	P H Y S I C S		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,290	1,290	7	1	6	10	3	0	145	1,435
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	700	700	4	0	2	7	4	5	60	760
323			Solid - State Physics II (Magnetism, Metal Physics, Superconductivity)	796	796	4	0	2	6	5	3	87	883

Table 39. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
324			Physical Properties in General (inclu. Basic Theories)	541	541	3	1	2	7	1	1	73	614
325			Physics in General	408	407	0	0	0	4	0	1	76	484
			Physics total	3,735	3,734	18	2	12	34	13	10	441	4,176
331			Physics of Solid Earth	400	400	0	0	0	0	1	0	47	447
332			Meteorology, Oceanography and Hydrology	410	409	1	1	2	4	3	6	61	471
333			Aeronomy	148	148	0	0	0	1	0	0	17	165
334			Geology	244	244	2	1	0	2	2	0	28	272
335			Stratigraphy and Paleontology	139	139	1	0	1	2	0	2	21	160
336			Mineralogy, Petrology and Study of Mineral Deposit	294	294	2	4	0	3	0	1	34	328
337			Geochemistry	225	224	2	0	0	2	1	3	41	266
			Earth Science total	1,860	1,858	8	6	3	14	7	12	249	2,109
341			Physical Chemistry	963	963	5	3	4	9	6	0	145	1,108
342			Organic Chemistry	837	837	2	2	1	9	3	4	161	998
343			Inorganic Chemistry	382	382	0	1	1	2	0	0	63	445
344			Function, Properties and Materials in Chemistry	423	424	0	0	0	2	3	3	62	485
345			Substance Transformation	40	40	0	0	0	0	0	0	11	51
346			Separation, Refining and Identification	281	281	0	0	0	0	1	2	67	348
			Chemistry total	2,926	2,927	7	6	6	22	13	9	509	3,435
351			Genetics	316	316	0	1	0	0	0	1	60	376
352			Ecology	587	586	5	1	0	4	1	6	109	696
353			Plant Physiology	412	410	0	0	0	6	1	1	72	484
354			Morphology, Structure of Organism	207	207	0	1	0	2	0	1	51	258
355			Animal Physiology and Metabolism	278	278	1	0	2	4	0	4	41	319
356			Morphology and Taxonomy	323	323	1	1	1	2	1	3	74	397
			Biology total	2,123	2,120	7	4	3	18	3	16	407	2,530
361			Physical Anthropology (inclu. Physiological Anthropology)	124	123	2	3	0	2	1	0	12	136
			SCIENCE Total	13,689	13,674	127	23	34	109	48	58	2,221	15,910
401			Applied Physics of Property and Crystallography	362	362	2	0	0	2	5	1	26	388
402			Surface Physics	253	253	1	0	0	2	0	3	17	270
403			Applied Optics and Quantum	417	416	3	0	2	4	4	5	49	466
404			General Applied Physics	171	171	3	0	0	1	1	1	39	210
405			Fundamentals of Engineering	114	114	1	1	0	3	0	0	20	134
			Applied Physics·Fundamentals of Engineering total	1,317	1,316	10	1	2	12	10	10	151	1,468
411			Materials for Machines and Strength of Materials	831	829	0	0	0	4	12	5	129	960
412			Workshop Processes and Production Engineering	549	548	1	2	1	6	3	2	131	680
413			Design Engineering, Machine Elements and Tribology	390	390	3	0	1	4	3	1	96	486
414			Fluid Mechanics	717	717	2	0	1	9	3	0	136	853
415			Heat Engineering	648	648	1	0	0	6	8	3	136	784
416			Mechanics and Control Engineering	566	566	2	1	1	3	5	2	116	682
417			Intelligent Mechanics and Machine System	483	483	4	0	4	5	6	8	68	551
			Machine Engineering total	4,184	4,181	13	3	8	37	40	21	812	4,996
421			Electric Power Engineering and Electric Machinery	622	622	1	0	0	7	3	3	141	763
422			Electronic and Electric Materials Engineering	744	744	4	1	0	7	8	4	83	827
423			Electron Devices and Apparatus Engineering	690	689	2	0	0	5	3	1	99	789
424			Information and Communication Engineering	1,387	1,386	3	2	0	2	12	3	264	1,651
425			System Engineering	394	394	4	2	1	3	4	4	62	456
427			Electronic Measurements	549	549	2	0	1	5	8	3	125	674
428			Control Engineering	273	272	1	0	2	1	4	2	33	306
			Electric and Electronic Engineering total	4,659	4,656	17	5	4	30	42	20	807	5,466
431			Construction Materials and Dynamics in General Civil Engineering	269	269	0	0	0	1	1	3	63	332
432			Structural Engineering and Seismology	382	381	2	3	0	6	4	6	76	458
433			Ground Engineering	358	358	3	0	1	3	3	6	76	434
434			Hydraulics and River Engineering	400	399	2	0	1	0	2	4	66	466

Table 39. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
435			Traffic Engineering and Regional Planning	286	285	1	1	0	2	0	6	64	350
436			Civil Environmental System	254	254	3	0	0	0	1	2	59	313
			Civil Engineering total	1,949	1,946	11	4	2	12	11	27	404	2,353
441			Building Structure and Materials	557	556	2	1	0	3	3	3	180	737
442			Building Science and Building Equipment	318	317	1	0	0	2	1	0	68	386
443			City Planning and Building Planning	671	663	11	3	1	11	11	22	306	977
444			Architectural History and Design	253	240	25	3	0	11	3	20	163	416
			Architecture total	1,799	1,776	39	7	1	27	18	45	717	2,516
451	E		Physical Metallurgy	299	299	2	1	1	3	3	1	29	328
452			Inorganic Materials and Properties	459	459	3	0	0	5	1	1	47	506
453	N		Composed Materials and	179	179	2	1	1	2	2	1	25	204
454			Structural and Functional Materials	321	320	2	0	0	1	3	0	46	367
455	G		Metallurgy and Material Processing	342	341	1	1	2	5	3	3	58	400
456			Metal Productive Engineering	179	178	1	0	2	4	2	2	22	201
	I		Material Engineering total	1,779	1,776	11	3	6	20	14	8	227	2,006
461			Chemical Engineering in General	330	330	1	1	1	0	1	2	58	388
462	N		Reaction and Separation Engineering	220	220	1	0	1	1	1	1	26	246
463	E		Catalyst and Chemical Process	191	191	0	0	0	0	1	1	19	210
464			Bioengineering	295	295	0	0	0	2	3	0	42	337
465	E		Industrial Analytical Chemistry	146	146	0	0	1	0	1	1	25	171
			Process Engineering total	1,182	1,182	2	1	3	3	7	5	170	1,352
471	R		Industrial Physical Chemistry	317	317	1	0	0	3	3	0	38	355
472			Industrial Inorganic Chemistry	150	150	1	0	0	1	1	0	27	177
473	I		Industrial Organic Chemistry	196	196	0	1	0	0	0	0	32	228
474			Synthetic Chemistry	387	387	0	0	0	0	1	0	65	452
475	N		Polymer Synthesis	312	312	3	0	1	1	2	1	75	387
476	G		Polymer Structure and Property (inclu. Fiber)	402	402	3	0	1	2	2	2	72	474
			Industrial Chemistry total	1,764	1,764	8	1	2	7	9	3	309	2,073
481			Aeronautics	230	230	0	0	0	0	2	1	21	251
482			Ship Engineering	132	132	0	0	0	0	1	3	37	169
483			Marine Engineering	49	49	0	0	0	0	1	0	9	58
484			Resource Development	139	139	0	0	0	2	4	1	22	161
			Synthetic Engineering total	550	550	0	0	0	2	8	5	89	639
			ENGINEERING Total	19,183	19,147	111	25	28	150	159	144	3,686	22,869
501			Plant Breeding	187	187	1	0	0	2	2	0	46	233
502			Crop Science	159	157	0	1	0	0	5	8	35	194
503			Horticulture and Landscape Architecture	358	353	2	0	1	3	6	6	126	484
504			Plant Protection	273	273	0	0	0	1	1	3	51	324
505			Sericultural Science and Economic Entomology	73	73	0	0	0	0	1	1	18	91
			Agriculture total	1,050	1,043	3	1	1	6	15	18	276	1,326
511			Plant Fertilizer and Manure and Soil Science	230	230	0	0	0	0	1	1	39	269
512	A		Applied Microbiochemistry and Applied Biochemistry	716	714	4	2	2	5	4	3	171	887
513	G		Biological Productive Chemistry and Bioorganic Chemistry	217	217	0	0	0	2	0	1	34	251
514	R		Food Science and Nutritional Chemistry	668	668	4	2	0	6	5	3	356	1,024
	I		Agricultural Chemistry total	1,831	1,829	8	4	2	13	10	8	600	2,431
521			Forestry	339	337	3	2	1	6	3	5	72	411
522	C		Wood Science	249	249	4	0	0	2	0	2	45	294
			Forestry total	588	586	7	2	1	8	3	7	117	705
531	U		Fisheries in General	461	459	4	4	2	0	3	9	107	568
532			Fisheries Chemistry	178	178	1	0	0	1	0	2	38	216
	L		Fisheries total	639	637	5	4	2	1	3	11	145	784
541			Agricultural Economics	321	312	5	0	0	13	13	12	146	467
551	T		Irrigation, Drainage and Reclamation Engineering and Rural	236	236	1	0	0	2	1	2	74	310
552	U		Agricultural Machinery	147	147	1	0	0	1	3	1	38	185
553			Biological Environment	84	83	0	0	1	1	1	3	16	100
	R		Agricultural Engineering total	467	466	2	0	1	4	5	6	128	595
561	E		Animal Science and Grassland Science	213	211	0	0	0	1	3	3	51	264
562			Applied Animal Science	190	189	0	1	0	3	0	0	33	223
563			Basic Veterinary Medicine and Basic Animal Science	359	359	3	1	1	5	3	3	86	445
564			Applied Veterinary Medicine	270	270	0	3	0	1	1	2	86	356

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Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
			Animal Science- Veterinary Medicine total	1,032	1,029	3	5	1	10	7	8	256	1,288
571			Biological Resource Science	87	86	2	2	1	0	2	6	25	112
572			Applied Molecular Cell Biology	72	72	0	0	1	0	1	1	4	76
			Interdisciplinary Agricultural Science total	159	158	2	2	2	0	3	7	29	188
			AGRICULTURE Total	6,087	6,060	35	18	10	55	59	77	1,697	7,784
601			Anatomy in General (inclu. Histology, Embryology)	520	520	1	1	1	10	5	2	87	607
602			Physiology in General	525	524	3	0	1	6	3	4	115	640
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	326	325	1	1	0	9	3	1	70	396
604			Pharmacology in General	404	405	2	0	0	2	3	0	59	463
605			Medical Chemistry in General	469	467	1	1	0	4	2	1	81	550
606			Pathological Medical Chemistry	169	169	0	0	0	1	0	0	20	189
			Physiology total	2,413	2,410	8	3	2	32	16	8	432	2,845
611			Hominal Pathology	540	540	0	1	0	13	3	0	127	667
612			Experimental Pathology	339	339	1	0	0	5	7	0	76	415
613			Parasitology (inclu. Medical)	211	209	3	4	0	2	2	5	29	240
614			Bacteriology (inclu. Eumycetes)	321	321	2	0	0	1	1	1	79	400
615			Virology	324	323	5	0	1	2	3	2	73	397
616			Immunology	519	519	1	0	0	1	3	0	115	634
			Pathology total	2,254	2,251	12	5	1	24	19	8	499	2,753
621			Hygiene	298	298	0	0	0	1	0	0	73	371
622			Public Health and Health Science	789	783	11	2	0	7	7	6	266	1,055
623			Legal Medicine	276	276	2	0	0	14	3	2	39	315
			Social Medicine total	1,363	1,357	13	2	0	22	10	8	378	1,741
631			Internal Medicine in General	535	535	3	2	1	3	1	1	157	692
632			Gastroenterology	830	829	4	2	1	7	1	2	227	1,057
633			Internal Medicine Respiratory System	436	435	0	1	0	3	0	2	77	513
634			Neurological Medicine	468	468	6	1	0	4	0	0	100	568
635			Cardioangiology	923	922	0	0	1	6	3	2	196	1,119
636			Pediatrics	752	752	1	0	0	3	1	0	199	951
637			Dermatology	518	518	1	0	0	4	2	0	175	693
638			Radiology	863	863	4	1	0	4	1	1	170	1,033
639			Neuropsychiatry	759	753	24	1	0	29	3	1	167	926
640			Endocrinology and Metabolic Science	252	252	1	0	0	1	0	0	26	278
641			Hematology	510	510	1	0	0	4	1	0	86	596
642			Internal Medicine of Kidney	281	281	2	0	0	1	0	0	56	337
643			Embryology and Newborn Medicine	52	52	0	0	0	1	0	0	7	59
644			Endocrinology	185	185	0	0	0	0	0	0	28	213
645			Metabolic Science	157	157	0	1	0	0	0	0	38	195
			Internal Medicine total	7,521	7,512	47	9	3	70	13	9	1,709	9,230
651			Surgery in General	639	639	3	0	0	3	1	0	167	806
652			Gastroenterological Surgery	825	826	0	2	0	3	2	1	183	1,008
653			Thoracic Surgery	478	477	3	0	0	6	2	1	111	589
654			Neurosurgery	594	595	5	0	0	2	1	0	149	743
655			Orthopedic Surgery	857	857	5	0	0	12	2	2	219	1,076
656			Anesthesiology and Rescue Medicine	685	684	3	0	0	5	0	1	184	869
657			Urology	521	521	0	0	0	5	2	0	137	658
658			Obstetrics and Gynecology	645	645	1	0	0	3	2	0	151	796
659			Oto-rhino-laryngology	558	558	4	0	0	9	1	2	176	734
660			Ophthalmology	582	582	1	0	0	6	0	0	125	707
661			Pediatric Surgery	126	126	0	0	0	3	0	0	14	140
662			Formative Surgery	73	73	0	0	0	0	1	0	26	99
			Surgery total	6,583	6,583	25	2	0	57	14	7	1,642	8,225
671			Oral Anatomy and Morphological Basic Dentistry	404	403	0	0	0	3	3	4	133	537
672			Functional Basic Dentistry	345	344	2	1	0	2	1	1	84	429
673			Morbid Dentistry (inclu. Dental Radiology)	231	231	0	0	0	0	0	1	103	334
674			Conservative Dentistry	559	559	1	0	0	2	4	1	267	826
675			Prosthodontics and Dental Technology	726	724	2	3	1	9	2	5	375	1,101
676			Oral Surgery	822	819	0	0	0	14	2	5	368	1,190
677			Orthodontics, Pedodontics and Social Dentistry	711	711	0	3	0	7	3	9	363	1,074
678			Periodontological Dentistry	83	83	0	1	0	0	1	3	85	168
			Dentistry total	3,881	3,874	5	8	1	37	16	29	1,778	5,659

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Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
681			Chemical Pharmaceuticals	766	765	3	2	1	8	4	1	216	982
682			Physical Pharmaceuticals	281	281	2	0	0	1	0	0	77	358
683			Biopharmaceutics	962	962	2	0	0	2	3	1	260	1,222
684			Molecular Pharmaceuticals	90	90	0	1	0	0	1	0	13	103
685			Environmental Pharmaceuticals	27	27	0	0	0	0	0	0	8	35
			Pharmaceutics total	2,126	2,125	7	3	1	11	8	2	574	2,700
691			Medical Sociology	117	117	0	1	0	1	1	0	40	157
692			Human Genetics	77	77	0	0	0	1	0	0	20	97
693	M E D I C I N		Applied Pharmacology and Medical Pharmacology	201	199	1	0	0	1	3	1	41	242
694			Pathological Examination	231	231	0	0	0	1	1	0	71	302
696			Science of Basic and Local	452	452	2	1	0	3	1	2	802	1,254
697			Science of Clinical Nursing	238	238	1	0	0	1	0	1	387	625
			Medicine in Gene r a l total	1,316	1,314	4	2	0	8	6	4	1,361	2,677
			MEDICINE Total	27,457	27,426	121	34	8	261	102	75	8,373	35,830
702			History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	138	138	3	0	2	5	2	4	40	178
703			Physical Education	1,306	1,262	10	7	3	68	7	11	1,540	2,846
704			Human Geography	383	372	12	4	1	15	9	11	143	526
705			Physical Geography	179	178	3	3	1	5	2	4	33	212
			Geography total	562	550	15	7	2	20	11	15	176	738
706			Home Science(inclu. Cloth/Living Environments)	581	574	8	0	0	3	2	5	1,167	1,748
707			Food Culture	135	135	0	0	0	0	2	0	239	374
			Domestic Science total	716	709	8	0	0	3	4	5	1,406	2,122
708			Science of Cultural Property	20	20	3	0	0	0	0	0	6	26
711			Science Education	155	154	3	1	1	3	0	0	70	225
712			Educational Engineering	254	252	1	0	0	2	1	2	121	375
713			Curriculum Studies	692	674	8	5	1	28	4	10	564	1,256
714			Japanese Language Education	176	163	7	3	1	2	12	14	81	257
			Science Education- Curriculum Education total	1,277	1,243	19	9	3	35	17	26	836	2,113
721			Statistics	203	203	1	0	0	2	1	0	36	239
731			Computer Science	1,109	1,107	3	0	4	5	10	7	230	1,339
732			Intelligent Informatics	846	846	0	0	0	6	8	5	113	959
733			Study of Information System (Inclu. Library and Information Science)	630	627	13	2	0	7	4	4	300	930
			Information Science total	2,585	2,580	16	2	4	18	22	16	643	3,228
741			Social System Engineering	265	265	1	0	0	1	1	0	32	297
751			Natural Disaster Science	51	51	0	0	0	3	0	0	4	55
761			Plasma Science and Technology	382	382	2	0	0	0	1	0	30	412
772			Nuclear Fusion	151	151	1	0	1	0	0	0	10	161
773			Energy Science General	171	171	3	0	1	1	0	0	22	193
774			Nuclear Power Science	172	171	0	0	4	1	2	3	12	184
			Energy total	494	493	4	0	6	2	2	3	44	538
801			Environmental Dynamic Analysis	199	199	0	0	1	1	1	0	26	225
802			Environmental Influence Assessment (inclu. Radiobiology)	217	217	0	0	0	1	1	0	38	255
803			Environmental Preservation	226	224	1	0	1	3	3	2	54	280
			Environmental Science total	642	640	1	0	2	5	5	2	118	760
811			Biological Organic Chemistry	262	262	0	0	0	1	1	0	43	305
812			Structured Biochemistry	305	305	0	0	0	1	0	0	45	350
813			Functional Biochemistry	389	388	4	2	0	1	2	1	46	435
			Biological Chemistry total	956	955	4	2	0	3	3	1	134	1,090
821			Biophysics	346	346	1	0	0	3	0	0	35	381
822			Molecular Biology	1,060	1,060	4	1	1	2	3	3	223	1,283
823			Cell Biology	502	502	0	0	0	2	1	2	89	591
824			Developmental Biology	334	334	2	1	0	0	0	2	54	388
			Basic Biology total	2,242	2,242	7	2	1	7	4	7	401	2,643
831			Neuroanatomy and Neuropathology	215	215	5	0	0	1	0	1	18	233
832			Neurochemistry and Neuropharmacology	207	207	0	0	0	1	1	2	21	228
833			Neuro Science in General	390	388	6	1	1	2	3	3	51	441
834			Neuro and Muscular Physiology	270	269	2	0	0	4	2	2	35	305
			Neuro Science (inclu. Brain Science) total	1,082	1,079	13	1	1	8	6	8	125	1,207
841			Laboratory Animal Science	103	102	1	1	0	2	0	0	38	141
851			Medical Organism Engineering and Material Science of Organism	426	426	2	0	0	4	5	2	32	458
			INTERDISCIPLINARY AREA Total	13,450	13,340	110	31	24	186	91	100	5,641	19,091
999			WIDE AREA Total	1,219	1,098	47	17	15	104	30	69	1,376	2,595
			Item n.a. Total	313	296	19	6	1	14	5	13	1,445	1,758
			Grand Total	110,867	106,428	2,568	570	431	4,137	1,894	2,037	38,892	149,759

Table 40. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
211	ARTS • HUMANITIES		Philosophy	811	651	153	9	1	409	3	29	199	1,010
212			Chinese Philosophy	149	49	2	0	0	3	134	4	78	227
213			Indian Philosophy (inclu. Buddhist Studies)	302	289	14	1	0	31	14	17	211	513
214			Religion	355	312	33	5	0	103	1	26	116	471
215			Ethics	181	155	8	2	2	92	2	5	74	255
216			History of Philosophy	226	176	31	7	6	68	14	19	98	324
217			Aesthetics (inclu. Arts)	839	703	88	9	8	194	16	54	1,938	2,777
218			Art History	319	278	48	4	1	34	20	51	189	508
		Philosophy total	3,182	2,613	377	37	18	934	204	205	2,903	6,085	
221			Experimental Psychology	752	753	5	0	1	18	2	4	128	880
222			Educational and Social Psychology	1,839	1,828	36	7	5	58	8	8	677	2,516
223			Sociology (inclu. Social Welfare)	1,667	1,617	89	8	4	112	28	53	837	2,504
224			Education	1,871	1,772	65	15	40	235	31	47	1,139	3,010
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	635	585	35	38	4	23	40	71	151	786
		Psychology• Sociology • Education Cultural Anthropology total	6,764	6,555	230	68	54	446	109	183	2,932	9,696	
231			Japanese History	358	334	6	1	5	19	15	23	877	1,235
232			Oriental History	432	266	13	1	6	2	229	89	175	607
233			European History	663	542	99	44	33	148	1	60	132	795
234			Archaeology (inclu. Prehistory)	225	199	4	4	2	7	24	15	137	362
		History total	1,678	1,341	122	50	46	176	269	187	1,321	2,999	
241			Japanese Language	259	231	5	1	1	6	28	23	544	803
242			Japanese Literature	382	339	17	1	2	10	24	34	1,899	2,281
243			Chinese Language and Literature	513	102	3	0	1	1	506	19	153	666
244			English Language and Literature	4,430	4,424	106	22	7	55	1	50	703	5,133
245			French Language and Literature	718	215	713	6	1	9	1	4	77	795
246			German Language and Literature	985	301	18	1	2	980	3	14	99	1,084
247			Other Foreign Languages and Literatures	440	260	15	108	108	9	7	185	52	492
248			Linguistics and Phonetics	1,393	1,349	92	36	13	62	20	92	213	1,606
249			Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western Classics	293	250	61	1	5	49	14	34	91	384
		Literature total	9,413	7,471	1,030	176	140	1,181	604	455	3,831	13,244	
	ARTS • HUMANITIES Total			21,037	17,980	1,759	331	258	2,737	1,186	1,030	10,987	32,024
261	LAW		Basic Science of Law	291	231	28	2	5	89	17	12	117	408
262			Public Law	437	362	60	0	0	144	5	4	221	658
263			International Law	254	248	30	7	0	22	4	5	64	318
264			Civil Law	764	632	91	3	1	310	11	11	342	1,106
265			Social Law	175	150	13	1	1	43	1	3	68	243
266			Criminal Law	229	185	17	0	1	105	4	3	104	333
267			Politics	949	900	68	20	31	75	36	81	265	1,214
	LAW Total		3,099	2,708	307	33	39	788	78	119	1,181	4,280	
271	ECONOMICS		General Theory of Economics	1,147	1,131	47	0	12	94	13	12	246	1,393
272			Economical Statistics	208	208	4	1	4	7	3	1	50	258
273			Economic Policy (inclu. Economic Condition)	1,168	1,115	31	14	30	85	60	63	334	1,502
274			Economic History	436	396	31	7	9	63	16	23	172	608
275			Public Finance, Money and Banking	501	493	11	2	0	34	5	6	167	668
276			Commercial Science	424	418	15	6	2	26	7	8	178	602
277			Business Administration	1,136	1,115	33	4	6	92	22	40	448	1,584
278			Accounting	681	660	34	1	2	93	11	12	322	1,003
		ECONOMICS Total	5,701	5,536	206	35	65	494	137	165	1,917	7,618	
301	SCIENCE		Algebra	648	647	30	1	4	16	0	2	74	722
302			Geometry	579	578	21	0	2	9	2	0	84	663
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	709	710	15	0	2	11	3	4	129	838
305			Basic Analysis	670	668	66	1	2	13	1	1	66	736
306			Larger-area Analysis	134	134	11	0	2	3	0	0	22	156
		Mathematics total	2,740	2,737	143	2	12	52	6	7	375	3,115	
311	E		Astronomy	379	379	2	0	1	1	0	1	30	409
321	NATURAL SCIENCES		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,323	1,323	7	1	4	21	1	0	112	1,435
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	718	718	4	0	2	7	2	4	42	760
323			Solid - State Physics II (Magnetism, Metal Physics, Cryogenics)	822	822	4	0	2	8	4	2	61	883

Table 40. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
324	S C I E N C E		Physical Properties in General (inclu. Basic Theories)	565	565	2	1	2	8	0	1	49	614
325			Physics in General	434	434	3	0	0	7	0	1	50	484
			Physics total	3,862	3,862	20	2	10	51	7	8	314	4,176
331			Physics of Solid Earth	404	404	0	0	0	2	3	0	43	447
332			Meteorology, Oceanography and Hydrology	416	416	3	0	2	3	2	5	55	471
333			Aeronomy	151	151	0	0	0	0	0	0	14	165
334			Geology	246	246	2	0	0	4	2	0	26	272
335			Stratigraphy and Paleontology	141	141	3	0	1	5	0	2	19	160
336			Mineralogy, Petrology and Study of Mineral Deposit	298	298	0	4	0	3	0	0	30	328
337			Geochemistry	231	230	1	0	0	3	2	3	35	266
			Earth Science total	1,887	1,886	9	4	3	20	9	10	222	2,109
341			Physical Chemistry	1,003	1,004	5	2	4	13	5	0	105	1,108
342			Organic Chemistry	867	868	1	1	1	17	1	2	131	998
343			Inorganic Chemistry	399	399	2	1	1	8	0	0	46	445
344			Function, Properties and Materials in Chemistry	434	434	0	0	0	4	3	1	51	485
345			Substance Transformation	43	43	0	0	0	1	0	0	8	51
346			Separation, Refining and	308	308	0	0	0	7	0	1	40	348
			Chemistry total	3,054	3,056	8	4	6	50	9	4	381	3,435
351			Genetics	319	320	0	1	0	1	0	1	57	376
352			Ecology	599	599	5	2	2	10	2	2	97	696
353			Plant Physiology	422	422	0	0	0	4	1	1	62	484
354			Morphology, Structure of Organism	220	220	2	0	0	5	0	0	38	258
355			Animal Physiology and Metabolism	285	285	2	0	1	3	0	2	34	319
356			Morphology and Taxonomy	341	341	2	2	0	7	2	4	56	397
			Biology total	2,186	2,187	11	5	3	30	5	10	344	2,530
361			Physical Anthropology (inclu. Physiological Anthropology)	121	120	2	1	0	1	1	0	15	136
			SCIENCE Total	14,229	14,227	195	18	35	205	37	40	1,681	15,910
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	369	369	1	0	0	6	4	2	19	388
402			Surface Physics	256	256	2	0	0	2	0	3	14	270
403			Applied Optics and Quantum Optics	428	428	3	0	1	7	4	1	38	466
404			General Applied Physics	182	182	0	0	1	2	0	1	28	210
405			Fundamentals of Engineering	117	117	1	1	0	2	0	0	17	134
			Applied Physics: Fundamentals of Engineering total	1,352	1,352	7	1	2	19	8	7	116	1,468
411			Materials for Machines and Strength of Materials	858	856	2	0	0	15	11	4	102	960
412			Workshop Processes and Production Engineering	570	570	3	2	1	21	4	2	110	680
413			Design Engineering, Machine Elements and Tribology	400	400	3	0	1	10	3	2	86	486
414			Fluid Mechanics	735	735	2	0	3	18	2	0	118	853
415			Heat Engineering	666	666	0	0	0	13	6	2	118	784
416			Mechanics and Control Engineering	584	584	3	0	2	13	4	2	98	682
417			Intelligent Mechanics and Machine System	483	483	3	0	3	6	4	6	68	551
			Machine Engineering total	4,296	4,294	16	2	10	96	34	18	700	4,996
421			Electric Power Engineering and Electric Machinery	644	642	4	1	1	9	1	2	119	763
422			Electronic and Electric Materials Engineering	752	752	4	0	2	9	8	3	75	827
423			Electron Devices and Apparatus Engineering	702	702	1	0	1	8	3	1	87	789
424			Information and Communication Engineering	1,421	1,419	6	1	0	10	9	2	230	1,651
425			System Engineering	391	391	3	1	1	4	3	3	65	456
427			Electronic Measurements	564	564	3	0	1	13	8	3	110	674
428			Control Engineering	274	272	2	0	2	3	5	2	32	306
			Electric and Electronic Engineering total	4,748	4,742	23	3	8	56	37	16	718	5,466
431			Construction Materials and Dynamics in General Civil	280	280	2	0	0	1	0	2	52	332
432			Structural Engineering and Seismology	391	390	4	2	0	15	4	6	67	458
433			Ground Engineering	356	356	3	0	1	2	4	6	78	434
434			Hydraulics and River Engineering	399	398	5	0	1	3	2	4	67	466
435			Traffic Engineering and Regional Planning	287	286	2	3	0	8	1	3	63	350

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Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
436			Civil Environmental System	258	258	4	0	0	0	1	1	55	313
			Civil Engineering total	1,971	1,968	20	5	2	29	12	22	382	2,353
441			Building Structure and Materials	596	595	3	0	0	10	1	3	141	737
442			Building Science and Building Equipment	332	332	3	0	0	7	2	0	54	386
443			City Planning and Building Planning	690	686	14	3	1	14	10	20	287	977
444			Architectural History and Design	265	254	31	3	0	17	5	16	151	416
	E		Architecture total	1,883	1,867	51	6	1	48	18	39	633	2,516
451			Physical Metallurgy	299	299	2	1	1	8	2	1	29	328
452			Inorganic Materials and Properties	460	460	4	0	0	7	0	1	46	506
453			Composed Materials and Properties	187	187	2	1	0	3	2	1	17	204
454			Structural and Functional Materials	326	325	3	0	0	2	3	1	41	367
455			Metalurgy and Material Processing	356	356	1	1	2	7	2	3	44	400
456			Metal Productive Engineering	181	181	2	0	1	3	1	1	20	201
			Material Engineering total	1,809	1,808	14	3	4	30	10	8	197	2,006
461			Chemical Engineering in General	334	334	1	1	1	2	2	2	54	388
462			Reaction and Separation	225	225	0	0	0	1	0	0	21	246
463			Catalyst and Chemical Process	189	189	0	0	0	0	0	1	21	210
464			Bioengineering	305	305	1	0	1	3	1	1	32	337
465			Industrial Analytical Chemistry	153	153	0	0	1	2	2	1	18	171
			Process Engineering total	1,206	1,206	2	1	3	8	5	5	146	1,352
471			Industrial Physical Chemistry	319	319	0	0	0	9	3	0	36	355
472			Industrial Inorganic Chemistry	154	154	1	0	0	3	1	0	23	177
473			Industrial Organic Chemistry	206	206	0	1	0	3	0	0	22	228
474			Synthetic Chemistry	411	411	2	0	0	4	1	0	41	452
475			Polymer Synthesis	342	342	0	0	0	4	3	1	45	387
476			Polymer Structure and Property (inclu. Fiber)	422	422	4	0	1	7	2	1	52	474
			Industrial Chemistry total	1,854	1,854	7	1	1	30	10	2	219	2,073
481			Aeronautics	231	231	0	0	0	2	2	1	20	251
482			Ship Engineering	133	133	0	0	0	2	1	2	36	169
483			Marine Engineering	49	49	0	0	0	0	0	0	9	58
484			Resource Development Engineering	138	138	0	1	1	4	3	1	23	161
			Synthetic Engineering total	551	551	0	1	1	8	6	4	88	639
			ENGINEERING Total	19,670	19,642	140	23	32	324	140	121	3,199	22,869
501			Plant Breeding	195	195	0	0	1	0	2	0	38	233
502			Crop Science	159	158	0	0	0	1	5	4	35	194
503			Horticulture and Landscape Architecture	376	374	2	1	0	7	7	6	108	484
504			Plant Protection	279	279	0	0	0	1	0	1	45	324
505			Sericultural Science and Economic Entomology	77	77	0	0	0	1	1	1	14	91
			Agriculture total	1,086	1,083	2	1	1	10	15	12	240	1,326
511			Plant Fertilizer and Manure and Soil Science	240	240	0	0	0	3	1	1	29	269
512			Applied Microbiochemistry and Applied Biochemistry	749	748	2	0	2	6	3	4	138	887
513			Biological Productive Chemistry and Bioorganic Chemistry	224	224	0	0	0	1	1	0	27	251
514			Food Science and Nutritional Chemistry	729	728	3	1	1	12	6	2	295	1,024
			Agricultural Chemistry total	1,942	1,940	5	1	3	22	11	7	489	2,431
521			Forestry	348	348	5	3	3	17	2	5	63	411
522			Wood Science	252	252	2	0	0	7	0	1	42	294
			Forestry total	600	600	7	3	3	24	2	6	105	705
531			Fisheries in General	471	470	3	3	2	2	3	4	97	568
532			Fisheries Chemistry	191	191	0	0	0	1	0	2	25	216
			Fisheries total	662	661	3	3	2	3	3	6	122	784
541			Agricultural Economics	328	324	5	1	1	19	13	11	139	467
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	243	243	2	0	0	2	1	1	67	310
552			Agricultural Machinery	147	147	1	1	0	6	2	0	38	185
553			Biological Environment	85	84	0	0	1	2	1	3	15	100
			Agricultural Engineering total	475	474	3	1	1	10	4	4	120	595
561			Animal Science and Grassland Science	213	212	0	0	0	2	3	1	51	264
562			Applied Animal Science	195	194	0	1	0	3	0	0	28	223
563			Basic Veterinary Medicine and Basic Animal Science	375	375	3	1	1	7	0	2	70	445
564			Applied Veterinary Medicine	281	281	0	3	0	2	1	1	75	356
			Animal Science· Veterinary Medicine total	1,064	1,062	3	5	1	14	4	4	224	1,288
571			Biological Resource Science	92	91	2	3	1	1	2	7	20	112
572			Applied Molecular Cell Biology	71	71	0	0	1	0	1	1	5	76

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Code	Subj ect	Subdi vision	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
			Interdisciplinary Agricultural Science total	163	162	2	3	2	1	3	8	25	188
			AGRICULTURE Total	6,320	6,306	30	18	14	103	55	58	1,464	7,784
601			Anatomy in General (inclu. Histology, Embryology)	531	531	3	2	1	11	6	1	76	607
602			Physiology in General	536	536	4	0	2	8	3	3	104	640
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	330	330	1	0	0	8	0	1	66	396
604			Pharmacology in General	412	412	1	0	0	4	2	0	51	463
605			Medical Chemistry in General	476	475	1	1	0	3	1	0	74	550
606			Pathological Medical Chemistry	174	174	0	0	0	1	0	0	15	189
			Physiology total	2,459	2,458	10	3	3	35	12	5	386	2,845
611			Hominal Pathology	552	551	1	2	0	16	4	0	115	667
612			Experimental Pathology	343	343	0	0	0	6	2	0	72	415
613			Parasitology (inclu. Medical Zoology)	216	216	2	5	0	2	2	2	24	240
614			Bacteriology (inclu. Eumycetes)	333	333	2	0	0	3	0	0	67	400
615			Virology	323	323	4	0	1	1	2	1	74	397
616			Immunology	525	525	1	0	0	1	3	0	109	634
			Pathology total	2,292	2,291	10	7	1	29	13	3	461	2,753
621			Hygiene	306	306	0	0	0	3	0	0	65	371
622			Public Health and Health Science	791	790	11	1	0	8	8	4	264	1,055
623			Legal Medicine	279	279	3	0	1	24	5	2	36	315
			Social Medicine total	1,376	1,375	14	1	1	35	13	6	365	1,741
631			Internal Medicine in General	535	535	1	1	1	4	1	1	157	692
632			Gastroenterology	831	831	3	0	2	2	0	0	226	1,057
633			Internal Medicine Respiratory	430	430	0	1	0	1	0	1	83	513
634			Neurological Medicine	468	468	7	0	0	5	0	0	100	568
635			Cardioangiolog	914	912	0	0	0	4	3	1	205	1,119
636			Pediatrics	751	750	2	0	0	3	1	0	200	951
637			Dermatology	517	517	0	0	0	2	0	0	176	693
638			Radiology	869	868	2	0	0	4	1	2	164	1,033
639			Neuropsychiatry	756	753	30	1	0	48	2	2	170	926
640			Endocrinology and Metabolic	251	251	1	0	0	1	0	0	27	278
641			Hematology	514	514	1	0	0	5	1	0	82	596
642			Internal Medicine of Kidney	279	279	1	0	0	2	0	0	58	337
643			Embryology and Newborn Medicine	51	51	0	0	0	0	0	0	8	59
644			Endocrinology	186	186	0	0	0	0	0	0	27	213
645			Metabolic Science	156	156	0	0	0	0	0	0	39	195
			Internal Medicine total	7,508	7,501	48	3	3	81	9	7	1,722	9,230
651			Surgery in General	627	627	5	0	0	5	1	0	179	806
652			Gastroenterological Surgery	808	808	0	1	0	0	2	1	200	1,008
653			Thoracic Surgery	475	474	2	0	0	8	2	1	114	589
654			Neurosurgery	578	578	1	0	0	3	1	0	165	743
655			Orthopedic Surgery	842	842	2	0	0	11	2	1	234	1,076
656			Anesthesiology and Rescue	683	683	3	0	0	3	0	1	186	869
657			Urology	517	517	0	0	0	5	2	0	141	658
658			Obstetrics and Gynecology	638	638	0	0	0	5	1	0	158	796
659			Oto-rhino-laryngology	552	552	1	0	0	10	0	3	182	734
660			Ophthalmology	569	569	1	0	0	3	0	0	138	707
661			Pediatric Surgery	125	125	0	0	0	1	0	0	15	140
662			Formative Surgery	67	67	0	0	0	0	1	0	32	99
			Surgery total	6,481	6,480	15	1	0	54	12	7	1,744	8,225
671			Oral Anatomy and Morphological Basic Dentistry	413	413	0	0	0	3	2	3	124	537
672			Functional Basic Dentistry	351	351	1	1	0	4	0	0	78	429
673			Morbid Dentistry (inclu. Dental Radiology)	219	219	1	0	0	1	0	1	115	334
674			Conservative Dentistry	549	549	0	0	0	5	4	1	277	826
675			Prosthodontics and Dental Technology	713	711	0	3	1	10	2	4	388	1,101
676			Oral Surgery	814	813	1	0	0	14	2	3	376	1,190
677			Orthodontics, Pedodontics and Social Dentistry	701	700	0	4	0	4	2	9	373	1,074
678			Periodontological Dentistry	81	81	0	1	0	0	1	2	87	168
			Dentistry total	3,841	3,837	3	9	1	41	13	23	1,818	5,659
681			Chemical Pharmaceutics	830	830	5	1	1	17	5	1	152	982
682			Physical Pharmaceutics	298	298	0	0	0	3	0	0	60	358
683			Biopharmaceutics	1,019	1,019	3	0	0	5	3	1	203	1,222
684			Molecular Pharmaceutics	92	92	0	1	0	0	1	0	11	103
685			Environmental Pharmaceutics	29	29	0	0	0	0	0	0	6	35
			Pharmaceutics total	2,268	2,268	8	2	1	25	9	2	432	2,700
691			Medical Sociology	118	118	1	0	0	4	1	0	39	157

Table 40. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
692			Human Genetics	79	79	0	0	0	1	0	0	18	97
693	MEDICINE		Applied Pharmacology and Medical Pharmacology	207	206	0	0	0	0	3	1	35	242
694			Pathological Examination	233	233	0	0	0	5	2	0	69	302
696			Science of Basic and Local Nursing	433	431	3	1	0	5	3	1	821	1,254
697			Science of Clinical Nursing	229	229	1	0	0	1	0	0	396	625
			Medicine in General total	1,299	1,296	5	1	0	16	9	2	1,378	2,677
	MEDICINE Total			27,524	27,506	113	27	10	316	90	55	8,306	35,830
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	144	143	7	0	3	8	2	6	34	178
703			Physical Education	1,296	1,256	10	3	3	74	9	4	1,550	2,846
704			Human Geography	388	380	19	3	1	21	12	13	138	526
705			Physical Geography	184	181	4	1	1	12	2	4	28	212
			Geography total	572	561	23	4	2	33	14	17	166	738
706			Home Science (inclu. Cloth/Living Environments)	606	601	9	0	0	18	3	4	1,142	1,748
707			Food Culture	142	142	0	0	0	0	2	0	232	374
			Domestic Science total	748	743	9	0	0	18	5	4	1,374	2,122
708			Science of Cultural Property	19	19	3	0	0	0	0	0	7	26
711			Science Education	166	166	3	1	0	4	0	0	59	225
712			Educational Engineering	268	265	2	0	0	5	3	2	107	375
713			Curriculum Studies	702	689	5	3	1	24	3	7	554	1,256
714			Japanese Language Education	180	166	8	2	1	5	13	12	77	257
			Science Education·Curriculum Education total	1,316	1,286	18	6	2	38	19	21	797	2,113
721			Statistics	209	209	4	0	0	3	1	0	30	239
731			Computer Science	1,134	1,134	4	0	6	10	10	7	205	1,339
732			Intelligent Informatics	859	859	1	1	1	7	9	4	100	959
733			Study of Information System (Inclu. Library and Information Science)	646	644	12	1	2	11	5	3	284	930
			Information Science total	2,639	2,637	17	2	9	28	24	14	589	3,228
741			Social System Engineering	267	267	3	0	0	6	1	0	30	297
751			Natural Disaster Science	50	50	0	0	0	4	0	0	5	55
761			Plasma Science and Technology	384	384	1	0	1	6	1	0	28	412
772			Nuclear Fusion	151	151	2	0	1	1	0	0	10	161
773			Energy Science General	175	175	2	0	0	1	0	0	18	193
774			Nuclear Power Science	171	170	0	0	4	1	2	3	13	184
			Energy total	497	496	4	0	5	3	2	3	41	538
801			Environmental Dynamic Analysis	200	200	0	0	1	3	1	0	25	225
802			Environmental Influence Assessment (inclu. Radiobiology)	221	221	0	0	0	5	0	2	34	255
803			Environmental Preservation	227	227	2	0	0	2	5	2	53	280
			Environmental Science total	648	648	2	0	1	10	6	4	112	760
811			Biological Organic Chemistry	280	280	1	0	0	2	1	0	25	305
812			Structured Biochemistry	311	311	0	0	0	1	0	0	39	350
813			Functional Biochemistry	394	394	3	2	0	1	2	0	41	435
			Biological Chemistry total	985	985	4	2	0	4	3	0	105	1,090
821			Biophysics	353	353	0	0	0	2	0	0	28	381
822			Molecular Biology	1,066	1,066	1	1	1	4	3	1	217	1,283
823			Cell Biology	511	511	1	0	0	2	1	1	80	591
824			Developmental Biology	340	340	2	0	0	2	0	1	48	388
			Basic Biology total	2,270	2,270	4	1	1	10	4	3	373	2,643
831			Neuroanatomy and Neuropathology	214	214	2	0	0	3	0	1	19	233
832			Neurochemistry and Neuropharmacology	215	215	1	0	0	2	1	1	13	228
833			Neuro Science in General	387	386	5	1	0	5	5	3	54	441
834			Neuro and Muscular Physiology	272	271	1	0	0	2	2	1	33	305
			Neuro Science (inclu. Brain Science) total	1,088	1,086	9	1	0	12	8	6	119	1,207
841			Laboratory Animal Science	111	111	2	1	0	2	0	0	30	141
851			Medical Organism Engineering and Material Science of Organism	425	425	3	1	0	5	4	3	33	458
	INTERDISCIPLINARY AREA Total			13,668	13,576	123	21	27	264	103	85	5,423	19,091
999	WIDE AREA Total			1,156	1,070	41	15	17	78	30	43	1,439	2,595
	Item n.a. Total			298	282	19	5	0	13	3	11	1,460	1,758
	Grand Total			112,702	108,833	2,933	526	497	5,322	1,859	1,727	37,057	149,759

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subje ct	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
211	ARTS • HUMANITIES		Philosophy	59	73	103	242	172	196	74	40	51	1,010
212			Chinese Philosophy	4	7	34	66	45	34	16	8	13	227
213			Indian Philosophy (inclu. Buddhist Studies)	42	30	53	70	71	103	62	31	51	513
214			Religion	54	63	75	96	93	44	23	9	14	471
215			Ethics	14	18	40	49	44	41	27	7	15	255
216			History of Philosophy	31	28	55	88	55	29	17	8	13	324
217			Aesthetics (inclu. Arts)	803	722	522	379	189	105	28	18	11	2,777
218			Art History	49	100	131	112	49	47	14	3	3	508
			Philosophy total	1,056	1,041	1,013	1,102	718	599	261	124	171	6,085
221			Experimental Psychology	41	42	106	188	169	161	63	51	59	880
222			Educational and Social Psychology	109	132	247	495	503	480	243	129	178	2,516
223			Sociology (inclu. Social Welfare)	201	228	446	581	444	316	148	73	67	2,504
224			Education	239	295	441	695	501	406	219	94	120	3,010
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	62	108	149	186	123	85	44	9	20	786
		Psychology • Sociology • Education Cultural Anthropology total	652	805	1,389	2,145	1,740	1,448	717	356	444	9,696	
231			Japanese History	103	102	148	278	165	185	93	64	97	1,235
232			Oriental History	62	42	75	130	106	93	46	22	31	607
233			European History	63	77	154	205	132	89	42	22	11	795
234			Archaeology (inclu. Prehistory)	34	44	69	77	54	39	19	6	20	362
			History total	262	265	446	690	457	406	200	114	159	2,999
241			Japanese Language	54	88	142	207	136	94	40	17	25	803
242			Japanese Literature	155	229	352	530	364	327	144	89	91	2,281
243			Chinese Language and Literature	51	87	147	156	98	72	35	6	14	666
244			English Language and Literature	413	664	1,162	1,269	779	458	211	95	82	5,133
245			French Language and Literature	63	239	248	147	61	28	6	2	1	795
246			German Language and Literature	65	275	305	267	88	45	24	10	5	1,084
247			Other Foreign Languages and Literatures	32	128	161	88	44	22	9	4	4	492
248			Linguistics and Phonetics	150	232	330	372	251	147	76	25	23	1,606
249			Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western Classics	47	77	91	74	46	29	7	6	7	384
			Literature total	1,030	2,019	2,938	3,110	1,867	1,222	552	254	252	13,244
			ARTS • HUMANITIES Total	3,000	4,130	5,786	7,047	4,782	3,675	1,730	848	1,026	32,024
261	LAW		Basic Science of Law	44	75	76	98	56	34	13	3	9	408
262			Public Law	75	83	122	151	110	68	21	16	12	658
263			International Law	29	40	55	86	51	39	7	7	4	318
264			Civil Law	110	175	220	234	140	107	62	28	30	1,106
265			Social Law	18	28	70	64	32	20	7	1	3	243
266			Criminal Law	24	93	74	67	35	27	9	3	1	333
267			Politics	140	150	298	286	184	102	35	14	5	1,214
			LAW Total	440	644	915	986	608	397	154	72	64	4,280
271	ECONOMICS		General Theory of Economics	115	295	312	350	163	85	50	10	13	1,393
272			Economical Statistics	27	45	62	64	27	18	7	3	5	258
273			Economic Policy (inclu. Economic Condition)	140	203	320	347	225	144	68	28	27	1,502
274			Economic History	51	55	122	137	108	76	32	17	10	608
275			Public Finance, Money and Banking	52	61	141	186	102	67	37	13	9	668
276			Commercial Science	41	69	117	159	99	62	30	12	13	602
277			Business Administration	135	146	245	342	264	227	117	53	55	1,584
278			Accounting	91	90	175	245	173	114	61	25	29	1,003
	ECONOMICS Total	652	964	1,494	1,830	1,161	793	402	161	161	7,618		
301	SCIENCE		Algebra	109	501	69	26	11	2	4	0	0	722
302			Geometry	105	446	71	32	3	4	1	0	1	663
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	129	278	180	133	59	32	13	7	7	838
305			Basic Analysis	60	497	123	43	10	1	1	1	0	736
306			Larger-area Analysis	32	99	21	4	0	0	0	0	0	156
			Mathematics total	435	1,821	464	238	83	39	19	8	8	3,115
311		Astronomy	22	212	112	39	15	6	2	0	1	409	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	140	904	248	91	37	10	4	1	0	1,435

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subject	Subdivision	Item	Number of Academic Societies									Total
				0	1	2	3	4	5	6	7	8 or more	
322			Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	42	217	227	160	63	33	11	4	3	760
323			Solid - State Physics II (Magnetism, Metal Physics,	42	458	189	120	54	16	3	0	1	883
324			Physical Properties in General (inclu. Basic Theories)	40	271	156	83	36	17	9	0	2	614
325			Physics in General	38	114	145	100	54	17	11	2	3	484
			Physics total	302	1,964	965	554	244	93	38	7	9	4,176
331			Physics of Solid Earth	34	130	123	90	42	16	8	1	3	447
332			Meteorology, Oceanography and Hydrology	37	138	83	78	57	38	20	15	5	471
333	S		Aeronomy	23	65	42	20	10	5	0	0	0	165
334			Geology	16	32	51	69	36	29	12	14	13	272
335	C		Stratigraphy and Paleontology	5	12	35	39	27	19	11	3	9	160
336	I		Mineralogy, Petrology and Study of Mineral Deposit	24	32	63	77	58	39	19	9	7	328
337			Geochemistry	33	49	52	43	33	28	11	11	6	266
	E		Earth Science total	172	458	449	416	263	174	81	53	43	2,109
341			Physical Chemistry	144	219	289	205	146	60	20	17	8	1,108
342	N		Organic Chemistry	88	235	354	197	70	30	14	4	6	998
343			Inorganic Chemistry	45	120	105	84	54	21	10	1	5	445
344	C		Function, Properties and Materials in Chemistry	44	92	120	91	68	36	19	8	7	485
345	E		Substance Transformation	3	7	14	14	6	5	1	0	1	51
346			Separation, Refining and Identification	26	17	88	110	47	39	14	5	2	348
			Chemistry total	350	690	970	701	391	191	78	35	29	3,435
351			Genetics	41	98	73	68	46	36	6	4	4	376
352			Ecology	53	68	133	166	102	84	46	25	19	696
353			Plant Physiology	47	57	130	114	66	31	28	7	4	484
354			Morphology, Structure of Organism	29	36	50	64	36	25	8	5	5	258
355			Animal Physiology and Metabolism	35	37	69	77	54	34	7	3	3	319
356			Morphology and Taxonomy	28	39	72	89	76	48	23	13	9	397
			Biology total	233	335	527	578	380	258	118	57	44	2,530
361			Physical Anthropology (inclu. Physiological Anthropology)	5	7	27	38	19	21	12	3	4	136
			SCIENCE Total	1,519	5,487	3,514	2,564	1,395	782	348	163	138	15,910
401			Applied Physics of Property and Crystallography	24	59	101	96	55	33	12	3	5	388
402			Surface Physics	17	53	54	65	36	29	10	2	4	270
403			Applied Optics and Quantum	26	70	119	122	66	23	18	14	8	466
404			General Applied Physics	14	33	54	45	32	13	13	3	3	210
405	E		Fundamentals of Engineering	13	23	25	30	24	9	4	3	3	134
	N		Applied Physics: Fundamentals of Engineering total	94	238	353	358	213	107	57	25	23	1,468
411	G		Materials for Machines and Strength of Materials	45	104	219	238	150	92	60	32	20	960
412	I		Workshop Processes and Production Engineering	38	71	152	171	114	71	35	12	16	680
413	N		Design Engineering, Machine Elements and Tribology	30	64	103	127	71	43	30	10	8	486
414			Fluid Mechanics	61	124	162	188	140	86	39	27	26	853
415	E		Heat Engineering	50	64	147	181	129	107	48	25	33	784
416			Mechanics and Control Engineering	42	103	154	170	103	59	26	11	14	682
417	E		Intelligent Mechanics and Machine System	54	82	110	117	88	46	27	13	14	551
	R		Machine Engineering total	320	612	1,047	1,192	795	504	265	130	131	4,996
421	I		Electric Power Engineering and Electric Machinery	41	199	199	151	104	37	16	9	7	763
422	N		Electronic and Electric Materials Engineering	51	176	183	180	126	56	29	13	13	827
423	G		Electron Devices and Apparatus Engineering	68	191	245	160	75	28	8	5	9	789
424			Information and Communication Engineering	138	497	466	294	133	73	30	13	7	1,651
425			System Engineering	56	90	84	83	47	52	19	13	12	456
427			Electronic Measurements	40	90	152	160	104	56	32	17	23	674
428			Control Engineering	31	42	71	65	43	34	11	7	2	306

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subje ct	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
			Electric and Electronic Engineering total	425	1,285	1,400	1,093	632	336	145	77	73	5,466
431			Construction Materials and Dynamics in General Civil Engineering	19	48	84	90	47	23	14	4	3	332
432			Structural Engineering and Seismology	35	123	128	84	45	28	8	4	3	458
433			Ground Engineering	30	22	159	101	65	25	20	4	8	434
434			Hydraulics and River Engineering	34	118	107	110	51	25	13	5	3	466
435			Traffic Engineering and Regional Planning	16	39	63	84	67	43	20	9	9	350
436			Civil Environmental System	31	45	73	53	47	33	12	9	10	313
			Civil Engineering total	165	395	614	522	322	177	87	35	36	2,353
441	E		Building Structure and Materials	32	176	240	141	72	37	18	12	9	737
442	N		Building Science and Building Equipment	23	30	84	96	64	46	12	12	19	386
443			City Planning and Building Planning	57	193	227	215	126	82	41	17	19	977
444	G		Architectural History and Design	48	100	110	86	30	28	7	5	2	416
			Architecture total	160	499	661	538	292	193	78	46	49	2,516
451	I		Physical Metallurgy	22	55	77	67	55	28	14	6	4	328
452			Inorganic Materials and Properties	41	67	104	96	75	56	29	16	22	506
453	N		Composed Materials and	21	32	23	44	37	23	11	2	11	204
454			Structural and Functional	28	47	77	78	44	41	22	11	19	367
455	E		Metallurgy and Material Processing	23	35	59	85	77	53	42	11	15	400
456			Metal Productive Engineering	13	27	30	52	33	19	12	10	5	201
	E		Material Engineering total	148	263	370	422	321	220	130	56	76	2,006
461			Chemical Engineering in General	27	77	72	71	52	44	18	13	14	388
462	R		Reaction and Separation Engineering	11	44	40	45	35	27	19	12	13	246
463	I		Catalyst and Chemical Process	16	21	38	39	33	28	12	11	12	210
464			Bioengineering	22	40	66	56	62	43	20	7	21	337
465	N		Industrial Analytical Chemistry	13	8	44	39	29	22	6	3	7	171
			Process Engineering total	89	190	260	250	211	164	75	46	67	1,352
471	G		Industrial Physical Chemistry	26	34	74	81	57	32	26	10	15	355
472			Industrial Inorganic Chemistry	4	19	35	32	31	21	13	12	10	177
473			Industrial Organic Chemistry	13	36	40	56	35	24	13	5	6	228
474			Synthetic Chemistry	27	98	131	103	47	24	14	6	2	452
475			Polymer Synthesis	27	48	121	73	55	38	17	4	4	387
476			Polymer Structure and Property (inclu. Fiber)	33	66	104	104	75	50	21	14	7	474
			Industrial Chemistry total	130	301	505	449	300	189	104	51	44	2,073
481			Aeronautics	27	54	56	51	26	18	7	6	6	251
482			Ship Engineering	13	29	31	33	32	20	6	2	3	169
483			Marine Engineering	5	12	10	15	3	9	2	2	0	58
484			Resource Development	12	26	27	30	24	17	7	6	12	161
			Synthetic Engineering total	57	121	124	129	85	64	22	16	21	639
			ENGINEERING Total	1,588	3,904	5,334	4,953	3,171	1,954	963	482	520	22,869
501			Plant Breeding	16	47	63	39	35	23	8	1	1	233
502			Crop Science	20	30	41	39	24	23	11	2	4	194
503			Horticulture and Landscape Architecture	27	77	90	112	70	52	32	12	12	484
504			Plant Protection	25	62	69	59	53	30	14	6	6	324
505			Sericultural Science and Economic Entomology	10	20	21	16	11	7	1	0	5	91
			Agriculture total	98	236	284	265	193	135	66	21	28	1,326
511	A		Plant Fertilizer and Manure and Soil Science	23	46	55	54	37	27	10	7	10	269
512	G		Applied Microbiochemistry and Applied Biochemistry	67	105	162	212	159	101	37	18	26	887
513	R		Biological Productive Chemistry and Bioorganic Chemistry	20	34	40	63	50	18	19	4	3	251
514	I		Food Science and Nutritional Chemistry	71	65	160	222	172	156	87	43	48	1,024
			Agricultural Chemistry total	181	250	417	551	418	302	153	72	87	2,431
521			Forestry	28	30	74	103	80	46	25	16	9	411
522			Wood Science	12	53	81	58	45	23	9	8	5	294
			Forestry total	40	83	155	161	125	69	34	24	14	705
531			Fisheries in General	57	96	100	106	80	72	32	16	9	568
532			Fisheries Chemistry	8	41	37	55	28	21	13	5	8	216
			Fisheries total	65	137	137	161	108	93	45	21	17	784

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subje ct	Subdi vision	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
541	A G R I C U L T U R E		Agricultural Economics	27	28	49	97	86	84	41	22	33	467	
551			Irrigation, Drainage and Reclamation Engineering and Rural	14	34	47	80	59	29	26	10	11	310	
552			Agricultural Machinery	7	24	31	38	32	23	11	12	7	185	
553			Biological Environment	8	17	11	13	10	19	6	8	8	100	
			Agricultural Engineering total		29	75	89	131	101	71	43	30	26	595
561				Animal Science and Grassland Science	19	19	43	60	48	31	26	12	6	264
562				Applied Animal Science	18	24	30	47	39	35	10	9	11	223
563				Basic Veterinary Medicine and Basic Animal Science	50	36	69	88	78	50	44	12	18	445
564				Applied Veterinary Medicine	47	36	47	68	57	36	23	13	29	356
				Animal Science· Veterinary Medicine total	134	115	189	263	222	152	103	46	64	1,288
571				Biological Resource Science	12	17	13	20	21	11	5	4	9	112
572				Applied Molecular Cell Biology	9	10	13	14	15	6	5	1	3	76
				Interdisciplinary Agricultural Science total	21	27	26	34	36	17	10	5	12	188
		AGRICULTURE Total			595	951	1,346	1,663	1,289	923	495	241	281	7,784
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	46	42	106	137	110	77	44	24	21	607	
602			Physiology in General	58	53	115	154	88	85	34	28	25	640	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	12	21	39	79	63	71	45	24	42	396	
604			Pharmacology in General	25	48	64	101	76	71	32	16	30	463	
605			Medical Chemistry in General	49	70	114	137	89	50	20	9	12	550	
606			Pathological Medical Chemistry	10	13	43	41	28	23	14	7	10	189	
			Physiology total		200	247	481	649	454	377	189	108	140	2,845
611				Hominal Pathology	46	34	90	137	117	105	55	38	45	667
612				Experimental Pathology	45	28	62	107	63	62	21	11	16	415
613				Parasitology (inclu. Medical	11	18	40	55	38	41	21	9	7	240
614				Bacteriology (inclu. Eumycetes)	19	42	58	90	68	60	26	16	21	400
615				Virology	57	43	66	102	53	43	15	8	10	397
616				Immunology	70	67	119	153	92	78	28	12	15	634
			Pathology total		248	232	435	644	431	389	166	94	114	2,753
621				Hygiene	25	21	36	51	52	66	43	32	45	371
622				Public Health and Health Science	70	61	104	169	167	183	106	75	120	1,055
623				Legal Medicine	8	23	51	79	49	48	21	14	22	315
			Social Medicine total		103	105	191	299	268	297	170	121	187	1,741
631				Internal Medicine in General	73	20	56	108	105	132	63	50	85	692
632				Gastroenterology	98	14	22	200	207	246	89	60	121	1,057
633				Internal Medicine Respiratory System	47	11	37	91	91	114	48	28	46	513
634				Neurological Medicine	41	23	73	120	110	82	44	28	47	568
635				Cardioangiopathy	114	28	110	205	205	219	85	32	121	1,119
636				Pediatrics	68	28	65	192	147	209	92	51	99	951
637				Dermatology	74	105	116	149	76	74	34	23	42	693
638				Radiology	79	90	191	192	158	127	73	46	77	1,033
639				Neuropsychiatry	81	71	106	165	136	168	68	49	82	926
640				Endocrinology and Metabolic Science	11	11	10	56	75	47	27	11	30	278
641			Hematology	47	9	34	102	105	152	58	35	54	596	
642			Internal Medicine of Kidney	30	12	29	96	61	45	27	18	19	337	
643			Embryology and Newborn Medicine	2	1	1	11	15	16	7	3	3	59	
644			Endocrinology	21	13	25	47	33	38	14	8	14	213	
645			Metabolic Science	18	7	28	64	33	29	5	5	6	195	
		Internal Medicine total		804	443	903	1,798	1,557	1,698	734	447	846	9,230	
651			Surgery in General	93	18	43	114	92	188	61	51	146	806	
652			Gastroenterological Surgery	84	22	44	125	109	288	89	57	190	1,008	
653			Thoracic Surgery	53	8	16	76	62	166	49	32	127	589	
654			Neurosurgery	78	120	101	130	105	88	41	22	58	743	
655			Orthopedic Surgery	112	72	115	220	158	172	74	46	107	1,076	
656			Anesthesiology and Rescue Medicine	70	43	85	199	133	136	66	40	97	869	
657			Urology	66	67	74	139	125	76	35	27	49	658	
658			Obstetrics and Gynecology	83	53	73	137	135	116	62	37	100	796	
659			Oto-rhino-laryngology	85	45	54	144	80	148	47	38	93	734	

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subject	Subdivision	Item	Number of Academic Societies									Total
				0	1	2	3	4	5	6	7	8 or more	
660	M E D I C I N E		Ophthalmology	83	110	151	160	98	42	21	17	25	707
661			Pediatric Surgery	7	2	9	26	22	25	14	12	23	140
662			Formative Surgery	11	11	20	14	12	17	3	4	7	99
			Surgery total	825	571	785	1,484	1,131	1,462	562	383	1,022	8,225
671			Oral Anatomy and Morphological Basic Dentistry	54	26	66	97	96	75	38	30	55	537
672			Functional Basic Dentistry	23	34	57	93	74	53	50	19	26	429
673			Morbid Dentistry (inclu. Dental Radiology)	20	25	42	61	56	41	34	26	29	334
674			Conservative Dentistry	51	105	183	195	118	79	42	19	34	826
675			Prosthodontics and Dental Technology	80	104	192	259	176	110	42	60	78	1,101
676			Oral Surgery	127	62	120	193	180	182	93	71	162	1,190
677			Orthodontics, Pedodontics and Social Dentistry	96	123	162	196	160	122	74	45	96	1,074
678			Periodontological Dentistry	32	30	43	29	20	8	1	4	1	168
			Dentistry total	483	509	865	1,123	880	670	374	274	481	5,659
681			Chemical Pharmaceutics	65	205	303	222	98	52	20	12	5	982
682			Physical Pharmaceutics	29	33	90	73	49	44	15	12	13	358
683			Biopharmaceutics	87	123	242	252	197	152	78	45	46	1,222
684			Molecular Pharmaceutics	9	10	17	25	21	8	8	2	3	103
685			Environmental Pharmaceutics	2	7	7	6	7	4	1	0	1	35
			Pharmaceutics total	192	378	659	578	372	260	122	71	68	2,700
691			Medical Sociology	19	13	15	33	16	28	12	9	12	157
692			Human Genetics	7	14	15	18	14	20	0	4	5	97
693			Applied Pharmacology and Medical Pharmacology	13	21	26	48	44	36	24	16	14	242
694			Pathological Examination	12	22	26	56	53	54	34	19	26	302
696			Science of Basic and Local	186	132	152	250	180	191	89	39	35	1,254
697			Science of Clinical Nursing	109	59	67	118	86	111	35	12	28	625
			Medicine in Gene r a l total	346	261	301	523	393	440	194	99	120	2,677
			MEDICINE Total	3,201	2,746	4,620	7,098	5,486	5,593	2,511	1,597	2,978	35,830
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)	15	21	41	36	30	17	7	6	5	178
703			Physical Education	172	355	628	704	451	270	131	67	68	2,846
704			Human Geography	25	20	43	79	91	94	66	40	68	526
705			Physical Geography	9	6	19	33	26	43	22	29	25	212
			Geography total	34	26	62	112	117	137	88	69	93	738
706			Home Science(inclu. Cloth/Living Environments)	181	171	267	403	279	213	119	62	53	1,748
707			Food Culture	46	35	52	87	63	37	25	14	15	374
			Domestic Science total	227	206	319	490	342	250	144	76	68	2,122
708			Science of Cultural Property	1	4	4	5	4	3	3	1	1	26
711			Science Education	10	23	31	45	43	32	17	12	12	225
712			Educational Engineering	27	27	61	103	55	52	22	9	19	375
713			Curriculum Studies	107	141	219	250	203	171	93	37	35	1,256
714			Japanese Language Education	13	44	62	62	41	23	7	5	0	257
			Science Education· Curriculum Education total	157	235	373	460	342	278	139	63	66	2,113
721			Statistics	17	25	51	35	47	26	12	12	14	239
731			Computer Science	127	255	420	280	159	53	25	11	9	1,339
732			Intelligent Informatics	89	146	220	195	134	84	43	25	23	959
733			Study of Information System (Inclu. Library and Information	95	161	199	189	130	85	31	22	18	930
			Information Science total	311	562	839	664	423	222	99	58	50	3,228
741			Social System Engineering	8	23	43	61	49	45	28	16	24	297
751			Natural Disaster Science	2	3	7	9	6	8	10	3	7	55
761			Plasma Science and Technology	19	53	133	100	58	29	15	2	3	412
772			Nuclear Fusion	11	23	47	48	13	10	6	2	1	161
773			Energy Science General	7	42	47	29	27	22	8	7	4	193
774			Nuclear Power Science	19	65	30	34	16	10	6	2	2	184
			Energy total	37	130	124	111	56	42	20	11	7	538
801			Environmental Dynamic Analysis	20	21	34	39	50	33	16	6	6	225
802			Environmental Influence Assessment (inclu. Radiobiology)	18	33	40	52	55	19	18	7	13	255
803			Environmental Preservation	24	28	46	57	38	33	14	15	25	280
			Environmental Science total	62	82	120	148	143	85	48	28	44	760
811			Biological Organic Chemistry	23	56	68	84	34	23	9	3	5	305

Table 41. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subject	Subdivision	Item	Number of Academic Societies									Total
				0	1	2	3	4	5	6	7	8 or more	
812	INTERDISCIPLINARY AREA		Structured Biochemistry	41	50	59	73	62	40	17	4	4	350
813			Functional Biochemistry	34	75	84	109	72	33	11	11	6	435
			Biological Chemistry total	98	181	211	266	168	96	37	18	15	1,090
821			Biophysics	19	67	108	79	52	31	14	7	4	381
822			Molecular Biology	180	266	310	250	154	81	26	8	8	1,283
823			Cell Biology	59	88	126	138	86	50	24	10	10	591
824			Developmental Biology	36	52	113	100	43	30	7	2	5	388
			Basic Biology total	294	473	657	567	335	192	71	27	27	2,643
831			Neuroanatomy and Neuropathology	23	9	47	49	34	37	20	8	6	233
832			Neurochemistry and Neuropharmacology	18	19	32	54	47	26	14	8	10	228
833			Neuro Science in General	50	55	93	76	78	42	23	12	12	441
834			Neuro and Muscular Physiology	19	24	84	78	43	30	12	11	4	305
			Neuro Science (inclu. Brain Science) total	110	107	256	257	202	135	69	39	32	1,207
841			Laboratory Animal Science	8	9	25	26	25	24	10	4	10	141
851			Medical Organism Engineering and Material Science of Organism	35	40	57	83	75	63	37	25	43	458
	INTERDISCIPLINARY AREA Total			1,607	2,535	3,950	4,134	2,873	1,922	968	525	577	19,091
999	WIDE AREA Total			650	523	483	408	215	139	84	35	58	2,595
	Item n.a. Total			1,125	235	161	122	53	51	7	3	1	1,758
	Grand Total			14,377	22,119	27,603	30,805	21,033	16,229	7,662	4,127	5,804	149,759

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
211	A R T S · H U M A N I T I E S		Philosophy	869	96	29	10	4	2	0	0	0	1,010
212			Chinese Philosophy	207	18	0	1	1	0	0	0	0	227
213			Indian Philosophy (inclu. Buddhist Studies)	439	52	14	2	6	0	0	0	0	513
214			Religion	384	56	18	9	3	1	0	0	0	471
215			Ethics	233	13	4	1	1	2	1	0	0	255
216			History of Philosophy	271	39	9	5	0	0	0	0	0	324
217			Aesthetics (inclu. Arts)	2,588	140	34	7	6	1	0	0	1	2,777
218			Art History	461	35	7	4	1	0	0	0	0	508
			Philosophy total	5,452	449	115	39	22	6	1	0	1	6,085
221			Experimental Psychology	675	140	39	17	6	1	1	0	1	880
222			Educational and Social	2,132	252	77	40	10	4	0	0	1	2,516
223			Sociology (inclu. Social Welfare)	2,150	239	77	27	7	4	0	0	0	2,504
224			Education	2,625	261	89	25	5	5	0	0	0	3,010
225			Cultural Anthropology (i n c l u . Ethnology and Folklore)	586	102	57	25	10	4	0	1	1	786
			Psychology· Sociology · Education Cultural Anthropology total	8,168	994	339	134	38	18	1	1	3	9,696
231			Japanese History	1,179	41	9	3	3	0	0	0	0	1,235
232			Oriental History	533	57	8	3	2	3	1	0	0	607
233			European History	627	117	28	12	4	5	2	0	0	795
234			Archaeology (inclu. Prehistory)	302	41	13	5	1	0	0	0	0	362
			History total	2,641	256	58	23	10	8	3	0	0	2,999
241			Japanese Language	760	29	10	3	1	0	0	0	0	803
242			Japanese Literature	2,209	54	12	3	3	0	0	0	0	2,281
243			Chinese Language and Literature	551	87	18	6	3	1	0	0	0	666
244			English Language and Literature	3,996	803	232	65	22	10	2	3	0	5,133
245			French Language and Literature	619	128	31	16	1	0	0	0	0	795
246			German Language and Literature	859	161	42	16	1	1	3	0	1	1,084
247			Other Foreign Languages and Literatures	366	80	27	14	2	1	2	0	0	492
248			Linguistics and Phonetics	1,074	316	129	56	19	5	6	0	1	1,606
249			Literature in General (i n c l u . Literary Theory, Comparative Literature) and Western Classics	278	73	21	10	1	1	0	0	0	384
			Literature total	10,712	1,731	522	189	53	19	13	3	2	13,244
			ARTS · HUMANITIES Total	26,973	3,430	1,034	385	123	51	18	4	6	32,024
261	L A W		Basic Science of Law	337	54	12	2	3	0	0	0	0	408
262			Public Law	611	43	4	0	0	0	0	0	0	658
263			International Law	209	79	22	5	2	1	0	0	0	318
264			Civil Law	1,033	53	11	8	1	0	0	0	0	1,106
265			Social Law	216	24	1	2	0	0	0	0	0	243
266			Criminal Law	301	25	5	2	0	0	0	0	0	333
267			Politics	965	166	56	22	4	1	0	0	0	1,214
		LAW Total	3,672	444	111	41	10	2	0	0	0	4,280	
271	E C O N O M I C S		General Theory of Economics	1,091	198	79	17	4	3	0	0	1	1,393
272			Economical Statistics	175	52	20	10	1	0	0	0	0	258
273			Economic Policy (inclu. Economic Condition)	1,241	182	52	19	6	2	0	0	0	1,502
274			Economic History	523	61	14	7	1	0	1	1	0	608
275			Public Finance, Money and Banking	531	110	23	3	0	1	0	0	0	668
276			Commercial Science	498	79	20	3	1	1	0	0	0	602
277			Business Administration	1,337	170	53	12	9	3	0	0	0	1,584
278			Accounting	782	151	56	12	2	0	0	0	0	1,003
		ECONOMICS Total	6,178	1,003	317	83	24	10	1	1	1	7,618	
301	S C I E N C E		Algebra	611	98	10	1	2	0	0	0	0	722
302			Geometry	559	92	7	4	1	0	0	0	0	663
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	640	122	51	16	7	1	1	0	0	838
305			Basic Analysis	596	115	21	2	1	0	1	0	0	736
306			Larger-area Analysis	136	15	4	1	0	0	0	0	0	156
			Mathematics total	2,542	442	93	24	11	1	2	0	0	3,115
311			Astronomy	262	91	40	11	5	0	0	0	0	409
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,221	187	22	4	1	0	0	0	0	1,435

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
322	S C I E N C E		Solid - State Physics I (Optical Properties, Semiconductor and Dielectrics)	634	103	22	1	0	0	0	0	0	760
323			Solid - State Physics II (Magnetism, Metal Physics,	758	115	10	0	0	0	0	0	0	883
324			Physical Properties in General (inclu. Basic Theories)	512	84	10	6	2	0	0	0	0	614
325			Physics in General	393	65	22	1	2	1	0	0	0	484
			Physics total	3,518	554	86	12	5	1	0	0	0	4,176
331			Physics of Solid Earth	228	158	54	5	0	1	1	0	0	447
332			Meteorology, Oceanography and Hydrology	310	114	35	9	1	2	0	0	0	471
333			Aeronomy	67	81	13	3	0	0	1	0	0	165
334			Geology	150	61	40	16	4	1	0	0	0	272
335			Stratigraphy and Paleontology	76	38	27	10	6	1	1	0	1	160
336			Mineralogy, Petrology and Study of Mineral Deposit	180	75	50	13	4	1	4	1	0	328
337			Geochemistry	159	64	28	9	6	0	0	0	0	266
			Earth Science total	1,170	591	247	65	21	6	7	1	1	2,109
341			Physical Chemistry	865	177	57	7	1	1	0	0	0	1,108
342			Organic Chemistry	671	246	70	6	4	1	0	0	0	998
343			Inorganic Chemistry	329	94	18	4	0	0	0	0	0	445
344			Function, Properties and Materials in Chemistry	368	85	26	6	0	0	0	0	0	485
345			Substance Transformation	32	13	4	1	1	0	0	0	0	51
346			Separation, Refining and Identification	274	53	17	4	0	0	0	0	0	348
			Chemistry total	2,539	668	192	28	6	2	0	0	0	3,435
351				Genetics	287	62	17	5	3	0	0	2	0
352		Ecology		438	147	69	25	12	5	0	0	0	696
353		Plant Physiology		340	97	40	7	0	0	0	0	0	484
354		Morphology, Structure of Organism		203	31	15	3	3	2	1	0	0	258
355		Animal Physiology and		258	45	13	2	1	0	0	0	0	319
356		Morphology and Taxonomy		187	100	52	32	13	4	5	1	3	397
		Biology total		1,713	482	206	74	32	11	6	3	3	2,530
361			Physical Anthropology (inclu. Physiological Anthropology)	81	40	8	5	2	0	0	0	0	136
		SCIENCE Total			11,825	2,868	872	219	82	21	15	4	4
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	287	69	26	3	2	0	1	0	0	388
402			Surface Physics	207	43	14	3	2	1	0	0	0	270
403			Applied Optics and Quantum Optics	270	125	58	8	5	0	0	0	0	466
404			General Applied Physics	166	30	12	1	1	0	0	0	0	210
405			Fundamentals of Engineering	98	20	11	2	2	0	1	0	0	134
		Applied Physics· Fundamentals of Engineering total	1,028	287	121	17	12	1	2	0	0	1,468	
411			Materials for Machines and Strength of Materials	795	107	46	10	1	1	0	0	0	960
412			Workshop Processes and Production Engineering	554	86	27	8	4	1	0	0	0	680
413			Design Engineering, Machine Elements and Tribology	418	60	5	3	0	0	0	0	0	486
414			Fluid Mechanics	716	100	27	9	0	1	0	0	0	853
415			Heat Engineering	657	105	19	2	0	1	0	0	0	784
416			Mechanics and Control Engineering	568	92	18	4	0	0	0	0	0	682
417			Intelligent Mechanics and Machine System	398	115	31	6	1	0	0	0	0	551
			Machine Engineering total	4,106	665	173	42	6	4	0	0	0	4,996
421			Electric Power Engineering and Electric Machinery	483	235	37	5	2	1	0	0	0	763
422			Electronic and Electric Materials Engineering	626	138	45	11	5	2	0	0	0	827
423			Electron Devices and Apparatus Engineering	504	221	51	12	1	0	0	0	0	789
424			Information and Communication Engineering	885	606	131	20	7	0	1	1	0	1,651

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
425	E N G I N E E R I N G		System Engineering	327	98	23	6	1	1	0	0	0	456
427			Electronic Measurements	461	177	25	9	1	0	0	0	1	674
428			Control Engineering	186	100	16	3	1	0	0	0	0	306
		Electric and Electronic Engineering	3,472	1,575	328	66	18	4	1	1	1	5,466	
431			Construction Materials and Dynamics in General Civil Engineering	239	60	20	9	4	0	0	0	0	332
432			Structural Engineering and Seismology	349	71	27	7	3	1	0	0	0	458
433			Ground Engineering	293	99	28	11	1	2	0	0	0	434
434			Hydraulics and River Engineering	302	122	30	8	3	0	0	0	1	466
435			Traffic Engineering and Regional Planning	224	86	31	6	3	0	0	0	0	350
436			Civil Environmental System	214	71	24	3	1	0	0	0	0	313
			Civil Engineering total	1,621	509	160	44	15	3	0	0	1	2,353
441				Building Structure and Materials	577	105	40	7	7	1	0	0	0
442		Building Science and Building Equipment		317	47	13	6	3	0	0	0	0	386
443		City Planning and Building Planning		871	84	13	6	3	0	0	0	0	977
444		Architectural History and Design		386	25	4	1	0	0	0	0	0	416
		Architecture total	2,151	261	70	20	13	1	0	0	0	2,516	
451			Physical Metallurgy	262	47	14	4	0	0	1	0	0	328
452			Inorganic Materials and	338	110	44	11	2	0	0	0	1	506
453			Composed Materials and Properties	169	30	4	1	0	0	0	0	0	204
454			Structural and Functional Materials	272	69	16	8	1	1	0	0	0	367
455			Metallurgy and Material	316	62	12	8	2	0	0	0	0	400
456			Metal Productive Engineering	141	43	13	3	1	0	0	0	0	201
		Material Engineering total	1,498	361	103	35	6	1	1	0	1	2,006	
461			Chemical Engineering in General	310	58	17	3	0	0	0	0	0	388
462			Reaction and Separation Engineering	184	47	12	3	0	0	0	0	0	246
463			Catalyst and Chemical Process	160	43	7	0	0	0	0	0	0	210
464			Bioengineering	276	41	14	4	2	0	0	0	0	337
465			Industrial Analytical Chemistry	143	23	4	0	1	0	0	0	0	171
		Process Engineering total	1,073	212	54	10	3	0	0	0	0	1,352	
471			Industrial Physical Chemistry	232	66	35	19	2	1	0	0	0	355
472			Industrial Inorganic Chemistry	132	32	9	4	0	0	0	0	0	177
473			Industrial Organic Chemistry	152	58	16	2	0	0	0	0	0	228
474			Synthetic Chemistry	294	126	26	6	0	0	0	0	0	452
475			Polymer Synthesis	270	100	14	2	0	1	0	0	0	387
476			Polymer Structure and Property (inclu. Fiber)	366	75	21	7	3	2	0	0	0	474
	Industrial Chemistry total	1,446	457	121	40	5	4	0	0	0	2,073		
481		Aeronautics	140	82	21	7	1	0	0	0	0	251	
482		Ship Engineering	144	19	4	1	1	0	0	0	0	169	
483		Marine Engineering	41	14	2	1	0	0	0	0	0	58	
484		Resource Development Engineering	99	41	14	4	3	0	0	0	0	161	
	Synthetic Engineering total	424	156	41	13	5	0	0	0	0	639		
	ENGINEERING Total	16,819	4,483	1,171	287	83	18	4	1	3	22,869		
501	A G R I C U L T U R E		Plant Breeding	173	39	11	6	3	0	1	0	0	233
502			Crop Science	144	29	16	4	1	0	0	0	0	194
503			Horticulture and Landscape Architecture	292	103	65	16	4	3	1	0	0	484
504			Plant Protection	206	79	25	13	1	0	0	0	0	324
505			Sericultural Science and Economic Entomology	67	18	5	1	0	0	0	0	0	91
		Agriculture total	882	268	122	40	9	3	2	0	0	1,326	
511			Plant Fertilizer and Manure and Soil Science	166	68	22	7	4	1	1	0	0	269
512			Applied Microbiochemistry and Applied Biochemistry	725	124	28	4	4	2	0	0	0	887
513			Biological Productive Chemistry and Bioorganic Chemistry	190	50	4	7	0	0	0	0	0	251
514			Food Science and Nutritional Chemistry	885	108	23	5	1	1	1	0	0	1,024

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
	A G R I C U L T U R E		Agricultural Chemistry total	1,966	350	77	23	9	4	2	0	0	2,431	
521			Forestry	320	61	21	5	4	0	0	0	0	411	
522			Wood Science	207	63	20	4	0	0	0	0	0	294	
			Forestry total	527	124	41	9	4	0	0	0	0	705	
531			Fisheries in General	428	89	29	16	5	1	0	0	0	568	
532			Fisheries Chemistry	167	39	6	3	0	1	0	0	0	216	
			Fisheries total	595	128	35	19	5	2	0	0	0	784	
541			Agricultural Economics	341	86	23	12	4	1	0	0	0	467	
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	239	44	21	5	1	0	0	0	0	310	
552			Agricultural Machinery	101	57	18	8	1	0	0	0	0	185	
553			Biological Environment	67	20	10	0	1	0	2	0	0	100	
			Agricultural Engineering total	407	121	49	13	3	0	2	0	0	595	
561			Animal Science and Grassland Science	197	43	18	5	1	0	0	0	0	264	
562			Applied Animal Science	132	53	28	6	3	0	0	1	0	223	
563			Basic Veterinary Medicine and Basic Animal Science	337	67	23	13	4	1	0	0	0	445	
564			Applied Veterinary Medicine	275	59	17	2	2	1	0	0	0	356	
			Animal Science· Veterinary Medicine total	941	222	86	26	10	2	0	1	0	1,288	
571				Biological Resource Science	76	19	15	2	0	0	0	0	112	
572				Applied Molecular Cell Biology	59	13	4	0	0	0	0	0	76	
				Interdisciplinary Agricultural Science total	135	32	19	2	0	0	0	0	188	
			AGRICULTURE Total	5,794	1,331	452	144	44	12	6	1	0	7,784	
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	464	101	26	13	2	1	0	0	0	607	
602			Physiology in General	466	110	36	19	6	2	0	0	1	640	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	274	75	28	8	6	4	0	0	1	396	
604			Pharmacology in General	345	79	25	9	3	1	1	0	0	463	
605			Medical Chemistry in General	458	67	16	2	3	1	1	1	1	550	
606			Pathological Medical Chemistry	138	36	10	3	2	0	0	0	0	189	
			Physiology total	2,145	468	141	54	22	9	2	1	3	2,845	
611			Hominal Pathology	495	113	39	10	8	1	1	0	0	667	
612			Experimental Pathology	332	56	20	4	2	1	0	0	0	415	
613			Parasitology (inclu. Medical Zoology)	179	39	14	4	3	1	0	0	0	240	
614			Bacteriology (inclu. Eumycetes)	279	84	24	9	2	1	0	0	1	400	
615			Virology	327	48	16	4	2	0	0	0	0	397	
616			Immunology	508	87	26	9	3	1	0	0	0	634	
			Pathology total	2,120	427	139	40	20	5	1	0	1	2,753	
621				Hygiene	265	61	31	7	5	1	1	0	0	371
622				Public Health and Health Science	828	151	50	14	7	2	2	1	0	1,055
623				Legal Medicine	221	65	23	1	2	1	0	1	1	315
				Social Medicine total	1,314	277	104	22	14	4	3	2	1	1,741
631				Internal Medicine in General	525	99	47	12	8	1	0	0	0	692
632				Gastroenterology	917	83	34	15	4	1	1	2	0	1,057
633			Internal Medicine Respiratory System	352	81	43	23	9	3	2	0	0	513	
634			Neurological Medicine	422	89	31	16	6	0	2	1	1	568	
635			Cardioangiopathy	881	158	51	20	3	5	1	0	0	1,119	
636			Pediatrics	784	109	41	16	0	1	0	0	0	951	
637			Dermatology	571	76	30	9	3	2	2	0	0	693	
638			Radiology	734	174	91	26	4	3	1	0	0	1,033	
639			Neuropsychiatry	729	135	44	13	2	1	0	1	1	926	
640			Endocrinology and Metabolic Science	167	58	40	11	0	2	0	0	0	278	
641			Hematology	438	92	44	10	7	1	4	0	0	596	
642			Internal Medicine of Kidney	192	71	48	17	5	2	1	0	1	337	
643			Embryology and Newborn	50	7	2	0	0	0	0	0	0	59	
644			Endocrinology	147	28	23	10	4	0	1	0	0	213	
645			Metabolic Science	143	31	19	2	0	0	0	0	0	195	
			Internal Medicine total	7,052	1,291	588	200	55	22	15	4	3	9,230	
651			Surgery in General	622	97	49	21	10	6	1	0	0	806	

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
652	M E D I C I N E		Gastroenterological Surgery	805	119	52	12	12	5	2	0	1	1,008	
653			Thoracic Surgery	438	85	34	16	9	1	4	1	1	589	
654			Neurosurgery	573	112	38	14	2	2	2	0	0	743	
655			Orthopedic Surgery	806	158	67	25	9	10	1	0	0	1,076	
656			Anesthesiology and Rescue Medicine	604	168	67	17	10	1	2	0	0	869	
657			Urology	447	108	58	34	7	2	2	0	0	658	
658			Obstetrics and Gynecology	632	95	42	19	5	1	1	0	1	796	
659			Oto-rhino-laryngology	623	70	27	10	3	1	0	0	0	734	
660			Ophthalmology	450	166	55	24	11	0	1	0	0	707	
661			Pediatric Surgery	98	24	12	3	1	2	0	0	0	140	
662			Formative Surgery	76	16	2	3	0	1	1	0	0	99	
			Surgery total	6,174	1,218	503	198	79	32	17	1	3	8,225	
671		E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	350	133	40	12	1	1	0	0	537	
672				Functional Basic Dentistry	267	129	25	4	3	1	0	0	0	429
673				Morbid Dentistry (inclu. Dental Radiology)	227	76	25	4	2	0	0	0	0	334
674				Conservative Dentistry	546	196	62	15	4	2	1	0	0	826
675				Prosthodontics and Dental Technology	726	251	89	25	6	4	0	0	0	1,101
676				Oral Surgery	913	195	63	17	1	1	0	0	0	1,190
677				Orthodontics, Pedodontics and Social Dentistry	789	186	72	20	4	2	1	0	0	1,074
678				Periodontological Dentistry	138	22	6	1	1	0	0	0	0	168
				Dentistry total	3,956	1,188	382	98	22	11	2	0	0	5,659
681		E		Chemical Pharmaceutics	752	168	49	11	0	1	1	0	0	982
682				Physical Pharmaceutics	291	48	12	4	2	1	0	0	0	358
683				Biopharmaceutics	998	158	42	21	2	0	1	0	0	1,222
684				Molecular Pharmaceutics	65	31	4	2	0	1	0	0	0	103
685				Environmental Pharmaceutics	30	3	1	1	0	0	0	0	0	35
				Pharmaceutics total	2,136	408	108	39	4	3	2	0	0	2,700
691				Medical Sociology	128	17	8	4	0	0	0	0	0	157
692				Human Genetics	73	18	4	1	1	0	0	0	0	97
693				Applied Pharmacology and Medical Pharmacology	193	36	12	0	1	0	0	0	0	242
694				Pathological Examination	249	36	12	4	1	0	0	0	0	302
696				Science of Basic and Local Nursing	1,184	51	11	6	2	0	0	0	0	1,254
697				Science of Clinical Nursing	591	27	5	2	0	0	0	0	0	625
				Medicine in Gene r a l total	2,418	185	52	17	5	0	0	0	0	2,677
		MEDICINE Total			27,315	5,462	2,017	668	221	86	42	8	11	35,830
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)	131	26	13	5	1	2	0	0	0	178	
703			Physical Education	2,465	276	84	16	4	1	0	0	0	2,846	
704			Human Geography	460	48	14	1	2	0	1	0	0	526	
705			Physical Geography	150	38	17	6	1	0	0	0	0	212	
			Geography total	610	86	31	7	3	0	1	0	0	738	
706			Home Science(inclu. Cloth/Living Environments)	1,610	124	13	1	0	0	0	0	0	1,748	
707			Food Culture	353	19	2	0	0	0	0	0	0	374	
			Domestic Science total	1,963	143	15	1	0	0	0	0	0	2,122	
708			Science of Cultural Property	15	8	3	0	0	0	0	0	0	26	
711			Science Education	185	20	15	4	1	0	0	0	0	225	
712			Educational Engineering	319	29	20	5	2	0	0	0	0	375	
713			Curriculum Studies	1,051	137	59	6	2	1	0	0	0	1,256	
714			Japanese Language Education	214	33	6	3	1	0	0	0	0	257	
			Science Education· Curriculum Education total	1,769	219	100	18	6	1	0	0	0	2,113	
721			Statistics	151	42	26	11	3	4	1	0	1	239	
731			Computer Science	813	282	202	34	5	2	1	0	0	1,339	
732			Intelligent Informatics	649	186	81	31	8	3	1	0	0	959	
733			Study of Information System (Inclu. Library and Information Science)	743	125	46	15	1	0	0	0	0	930	
			Information Science total	2,205	593	329	80	14	5	2	0	0	3,228	
741			Social System Engineering	198	59	28	9	3	0	0	0	0	297	
751			Natural Disaster Science	38	11	4	1	1	0	0	0	0	55	

Table 42. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subdi vision	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
761	I N T E R D I S C I P L I N A R Y A R E A		Plasma Science and Technology	335	61	13	3	0	0	0	0	0	412
772			Nuclear Fusion	130	29	2	0	0	0	0	0	0	161
773			Energy Science General	148	36	7	1	0	1	0	0	0	193
774			Nuclear Power Science	155	22	6	0	0	1	0	0	0	184
			Energy total	433	87	15	1	0	2	0	0	0	538
801			Environmental Dynamic Analysis	160	38	16	9	1	1	0	0	0	225
802			Environmental Influence Assessment (inclu. Radiobiology)	198	41	11	3	0	1	0	1	0	255
803			Environmental Preservation	208	48	16	5	2	1	0	0	0	280
			Environmental Science total	566	127	43	17	3	3	0	1	0	760
811			Biological Organic Chemistry	222	55	20	6	2	0	0	0	0	305
812			Structured Biochemistry	283	49	10	5	2	1	0	0	0	350
813			Functional Biochemistry	356	61	17	1	0	0	0	0	0	435
			Biological Chemistry total	861	165	47	12	4	1	0	0	0	1,090
821			Biophysics	309	57	11	3	0	1	0	0	0	381
822			Molecular Biology	1,108	121	37	12	5	0	0	0	0	1,283
823			Cell Biology	496	70	20	3	2	0	0	0	0	591
824			Developmental Biology	326	46	10	5	1	0	0	0	0	388
			Basic Biology total	2,239	294	78	23	8	1	0	0	0	2,643
831	A R E A		Neuroanatomy and Neuropathology	131	80	17	5	0	0	0	0	0	233
832			Neurochemistry and Neuropharmacology	143	54	22	5	4	0	0	0	0	228
833			Neuro Science in General	271	117	41	10	1	1	0	0	0	441
834			Neuro and Muscular Physiology	177	86	30	7	3	2	0	0	0	305
			Neuro Science (inclu. Brain Science) total	722	337	110	27	8	3	0	0	0	1,207
841		Laboratory Animal Science	110	23	5	2	1	0	0	0	0	141	
851		Medical Organism Engineering and Material Science of Organism	296	99	41	15	5	2	0	0	0	458	
		INTERDISCIPLINARY AREA Total	15,107	2,656	985	248	64	25	4	1	1	19,091	
999		WIDE AREA Total	2,229	238	82	31	9	5	0	0	1	2,595	
		Item n.a. Total	1,701	44	9	3	0	1	0	0	0	1,758	
		Grand Total	#####	21,959	7,050	2,109	660	231	90	20	27	149,759	

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	A R T S · H U M A N I T I E S		Philosophy	53	2	0	0	0	0	55
212			Chinese Philosophy	25	3	1	0	0	0	29
213			Indian Philosophy (inclu. Buddhist Studies)	103	13	2	2	0	4	124
214			Religion	47	6	0	0	0	0	53
215			Ethics	21	2	1	0	0	0	24
216			History of Philosophy	28	4	0	0	0	0	32
217			Aesthetics (inclu. Arts)	515	243	3	1	2	0	764
218			Art History	58	8	0	0	6	1	73
			Philosophy total	850	281	7	3	8	5	1,154
221			Experimental Psychology	89	5	0	0	2	0	96
222			Educational and Social	197	29	0	6	1	1	234
223			Sociology (inclu. Social Welfare)	141	26	0	2	0	1	170
224			Education	142	53	0	0	9	1	205
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	96	13	0	12	0	0	121
			Psychology· Sociology · Education Cultural Anthropology total	665	126	0	20	12	3	826
231			Japanese History	96	13	0	1	0	2	112
232			Oriental History	49	3	0	0	0	2	54
233			European History	32	4	0	0	0	0	36
234			Archaeology (inclu. Prehistory)	37	1	0	0	1	0	39
			History total	214	21	0	1	1	4	241
241			Japanese Language	64	7	1	0	1	0	73
242			Japanese Literature	197	57	3	7	0	0	264
243			Chinese Language and Literature	46	3	0	0	0	0	49
244			English Language and Literature	228	44	1	0	0	0	273
245			French Language and Literature	49	3	0	0	0	0	52
246			German Language and Literature	71	0	0	0	0	0	71
247			Other Foreign Languages and Literatures	37	0	0	0	0	0	37
248			Linguistics and Phonetics	78	10	0	2	0	0	90
249			Literature in General (i nclu. Literary Theory, Comparative Literature) and Western Classics	42	7	0	0	0	0	49
			Literature total	812	131	5	9	1	0	958
			ARTS · HUMANITIES Total	2,541	559	12	33	22	12	3,179
261	L A W		Basic Science of Law	22	1	0	0	0	0	23
262			Public Law	31	2	0	0	0	0	33
263			International Law	39	0	0	0	0	0	39
264			Civil Law	67	1	1	0	0	1	70
265			Social Law	21	0	0	0	0	0	21
266			Criminal Law	8	0	0	0	0	0	8
267			Politics	107	1	0	0	0	0	108
			LAW Total	295	5	1	0	0	1	302
271	E C O N O M I C S		General Theory of Economics	77	0	0	0	0	0	77
272			Economical Statistics	19	0	0	0	0	0	19
273			Economic Policy (inclu. Economic Condition)	176	4	1	0	0	0	181
274			Economic History	47	3	0	0	0	0	50
275			Public Finance, Money and Banking	45	4	0	0	0	0	49
276			Commercial Science	88	7	0	0	0	0	95
277			Business Administration	157	10	0	0	0	0	167
278			Accounting	117	5	0	0	0	0	122
			ECONOMICS Total	726	33	1	0	0	0	760
301	S C I E N C E		Algebra	24	0	0	0	0	0	24
302			Geometry	19	0	0	0	0	0	19
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	41	0	0	1	0	0	42
305			Basic Analysis	27	0	0	0	0	0	27
306			Larger-area Analysis	4	0	0	0	0	0	4
			Mathematics total	115	0	0	1	0	0	116
311			Astronomy	17	1	1	11	0	0	30
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	64	1	1	12	0	0	78

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

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)	61	1	2	0	0	0	64
323			Solid - State Physics II (Magnetism, Metal Physics,	80	0	0	1	0	0	81
324			Physical Properties in General (inclu. Basic Theories)	50	1	0	1	0	0	52
325			Physics in General	35	0	1	2	0	4	42
			Physics total	290	3	4	16	0	4	317
331			Physics of Solid Earth	47	0	0	2	0	0	49
332			Meteorology, Oceanography and Hydrology	100	1	1	6	0	0	108
333			Aeronomy	37	0	0	7	0	0	44
334			Geology	69	0	0	0	0	0	69
335			Stratigraphy and Paleontology	56	0	0	0	4	0	60
336			Mineralogy, Petrology and Study of Mineral Deposit	88	1	0	0	2	0	91
337			Geochemistry	50	1	0	0	0	0	51
			Earth Science total	447	3	1	15	6	0	472
341			Physical Chemistry	126	0	1	7	0	1	135
342			Organic Chemistry	142	1	1	3	0	1	148
343			Inorganic Chemistry	44	1	1	2	0	0	48
344			Function, Properties and Materials in Chemistry	82	3	3	0	0	0	88
345			Substance Transformation	8	0	1	0	0	0	9
346			Separation, Refining and Identification	64	2	3	1	0	0	70
			Chemistry total	466	7	10	13	0	2	498
351			Genetics	40	1	0	6	0	0	47
352			Ecology	49	8	0	0	1	1	59
353			Plant Physiology	49	2	0	6	0	0	57
354			Morphology, Structure of Organism	25	2	0	2	0	1	30
355			Animal Physiology and	43	1	0	1	0	1	46
356			Morphology and Taxonomy	35	2	0	2	5	3	47
			Biology total	241	16	0	17	6	6	286
361			Physical Anthropology (inclu. Physiological Anthropology)	19	1	0	0	1	0	21
	SCIENCE Total			1,595	31	16	73	13	12	1,740
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	92	0	1	2	0	0	95
402			Surface Physics	56	0	0	0	0	0	56
403			Applied Optics and Quantum Optics	119	1	6	3	0	0	129
404			General Applied Physics	44	1	2	0	0	5	52
405			Fundamentals of Engineering	26	0	0	0	0	0	26
			Applied Physics· Fundamentals of Engineering total	337	2	9	5	0	5	358
411			Materials for Machines and Strength of Materials	274	4	15	0	0	0	293
412			Workshop Processes and Production Engineering	263	2	27	0	0	0	292
413			Design Engineering, Machine Elements and Tribology	132	1	14	0	0	0	147
414			Fluid Mechanics	211	3	14	1	0	0	229
415			Heat Engineering	217	4	14	1	0	0	236
416			Mechanics and Control Engineering	153	1	14	0	0	0	168
417			Intelligent Mechanics and Machine System	156	3	5	0	0	0	164
			Machine Engineering total	1,406	18	103	2	0	0	1,529
421			Electric Power Engineering and Electric Machinery	231	5	22	1	0	1	260
422			Electronic and Electric Materials Engineering	173	3	12	0	0	0	188
423			Electron Devices and Apparatus Engineering	182	5	14	0	0	0	201
424			Information and Communication Engineering	347	8	13	7	0	1	376

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	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	Electric and Electronic Engineering	System Engineering	106	4	4	0	0	1	115
427			Electronic Measurements	166	2	20	1	0	0	189
428			Control Engineering	80	1	6	1	0	0	88
			Electric and Electronic Engineering	1,285	28	91	10	0	3	1,417
431		Civil Engineering	Construction Materials and Dynamics in General Civil Engineering	96	0	9	0	0	0	105
432			Structural Engineering and Seismology	94	1	8	0	0	0	103
433			Ground Engineering	96	0	8	0	0	1	105
434			Hydraulics and River Engineering	79	1	5	0	0	1	86
435			Traffic Engineering and Regional Planning	95	3	3	0	0	0	101
436			Civil Environmental System	71	0	3	0	0	0	74
			Civil Engineering total	531	5	36	0	0	2	574
441		Architecture	Building Structure and Materials	174	3	5	0	0	1	183
442			Building Science and Building Equipment	116	10	3	0	0	0	129
443			City Planning and Building Planning	225	10	3	0	0	0	238
444			Architectural History and Design	91	9	1	0	1	0	102
			Architecture total	606	32	12	0	1	1	652
451		Material Engineering	Physical Metallurgy	125	0	2	0	0	1	128
452			Inorganic Materials and Composed Materials and Properties	156	0	4	0	0	0	160
453			Structural and Functional Materials	56	0	4	0	0	0	60
454			Metallurgy and Material	136	2	4	1	0	0	143
455			Metal Productive Engineering	177	2	13	0	0	2	194
456			Material Engineering total	749	5	30	1	0	3	788
461		Industrial Chemistry	Chemical Engineering in General Reaction and Separation Engineering	89	0	5	0	0	0	94
462			Catalyst and Chemical Process	59	0	1	0	0	0	60
463			Bioengineering	47	0	0	0	0	0	47
464			Industrial Analytical Chemistry	74	0	1	0	0	0	75
465			Process Engineering total	48	0	1	0	0	0	49
			Industrial Chemistry total	317	0	8	0	0	0	325
471		Agriculture	Industrial Physical Chemistry	101	2	1	0	0	1	105
472			Industrial Inorganic Chemistry	47	0	2	0	0	0	49
473			Industrial Organic Chemistry	52	2	3	0	0	0	57
474			Synthetic Chemistry	100	0	3	0	0	0	103
475			Polymer Synthesis	83	2	3	0	0	0	88
476			Polymer Structure and Property (inclu. Fiber)	112	8	0	0	0	0	120
			Industrial Chemistry total	495	14	12	0	0	1	522
481		Synthetic Engineering	Aeronautics	51	0	1	5	0	0	57
482			Ship Engineering	54	0	6	0	0	0	60
483			Marine Engineering	20	0	0	0	0	0	20
484			Resource Development Engineering	61	0	0	0	0	0	61
			Synthetic Engineering total	186	0	7	5	0	0	198
			ENGINEERING Total	5,912	104	308	23	1	15	6,363
501	A G R I C U L T U R E	Agriculture	Plant Breeding	24	2	0	0	0	0	26
502			Crop Science	32	3	0	0	0	0	35
503			Horticulture and Landscape Architecture	110	15	1	0	0	0	126
504			Plant Protection	77	1	0	0	0	0	78
505			Sericultural Science and Economic Entomology	17	1	0	0	0	4	22
			Agriculture total	260	22	1	0	0	4	287
511		Food Science and Nutritional Chemistry	Plant Fertilizer and Manure and Soil Science	55	5	0	0	0	0	60
512			Applied Microbiochemistry and Applied Biochemistry	174	9	2	0	0	6	191
513			Biological Productive Chemistry and Bioorganic Chemistry	71	2	0	0	0	2	75
514			Food Science and Nutritional Chemistry	136	34	0	0	0	1	171

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
	A G R I C U L T U R E		Agricultural Chemistry total	436	50	2	0	0	9	497
521			Forestry	81	1	0	0	0	0	82
522			Wood Science	70	4	0	0	0	0	74
			Forestry total	151	5	0	0	0	0	156
531			Fisheries in General	74	1	1	0	0	0	76
532			Fisheries Chemistry	52	1	0	0	0	0	53
			Fisheries total	126	2	1	0	0	0	129
541			Agricultural Economics	107	2	0	0	0	0	109
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	64	0	0	0	0	2	66
552			Agricultural Machinery	33	4	0	0	0	0	37
553			Biological Environment	36	1	0	0	0	0	37
			Agricultural Engineering total	133	5	0	0	0	2	140
561			Animal Science and Grassland Science	67	1	0	0	0	0	68
562			Applied Animal Science	55	3	0	0	0	0	58
563			Basic Veterinary Medicine and Basic Animal Science	61	1	0	0	1	5	68
564			Applied Veterinary Medicine	86	0	0	0	0	2	88
			Animal Science· Veterinary Medicine total	269	5	0	0	1	7	282
571			Biological Resource Science	17	0	0	0	0	1	18
572			Applied Molecular Cell Biology	20	0	0	0	0	0	20
			Interdisciplinary Agricultural Science total	37	0	0	0	0	1	38
			AGRICULTURE Total	1,519	91	4	0	1	23	1,638
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	64	7	0	1	0	1	73
602			Physiology in General	78	6	0	0	0	0	84
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	60	6	1	0	0	0	67
604			Pharmacology in General	78	1	0	0	0	1	80
605			Medical Chemistry in General	93	2	0	0	0	4	99
606			Pathological Medical Chemistry	39	0	0	0	0	2	41
			Physiology total	412	22	1	1	0	8	444
611			Hominal Pathology	66	2	0	0	0	0	68
612			Experimental Pathology	53	0	0	0	0	3	56
613			Parasitology (inclu. Medical Zoology)	53	1	0	0	0	0	54
614			Bacteriology (inclu. Eumycetes)	70	9	0	0	0	1	80
615			Virology	45	0	0	0	0	0	45
616			Immunology	83	4	0	0	0	0	87
			Pathology total	370	16	0	0	0	4	390
621			Hygiene	52	2	0	0	0	4	58
622			Public Health and Health Science	133	37	0	0	0	0	170
623			Legal Medicine	32	1	0	0	0	0	33
			Social Medicine total	217	40	0	0	0	4	261
631			Internal Medicine in General	108	2	0	0	0	0	110
632			Gastroenterology	149	1	0	0	0	0	150
633			Internal Medicine Respiratory System	88	1	0	0	0	0	89
634			Neurological Medicine	59	1	0	0	0	0	60
635			Cardioangiopathy	160	3	0	0	0	0	163
636			Pediatrics	108	5	0	0	1	0	114
637			Dermatology	68	0	0	0	0	0	68
638			Radiology	125	15	0	0	0	0	140
639			Neuropsychiatry	79	2	0	0	0	0	81
640			Endocrinology and Metabolic Science	53	3	0	0	0	0	56
641			Hematology	66	2	0	0	0	0	68
642			Internal Medicine of Kidney	47	0	0	0	0	0	47
643			Embryology and Newborn	4	0	0	0	0	0	4
644			Endocrinology	54	1	0	0	0	0	55
645			Metabolic Science	19	0	0	0	0	0	19
			Internal Medicine total	1,187	36	0	0	1	0	1,224
651			Surgery in General	67	1	0	0	0	0	68

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
652	M E D I C I N E		Gastroenterological Surgery	102	2	0	0	0	1	105
653			Thoracic Surgery	50	1	0	0	0	0	51
654			Neurosurgery	92	1	0	0	0	2	95
655			Orthopedic Surgery	126	7	0	0	0	0	133
656			Anesthesiology and Rescue Medicine	84	0	0	0	0	0	84
657			Urology	84	0	0	0	0	1	85
658			Obstetrics and Gynecology	93	2	0	0	0	0	95
659			Oto-rhino-laryngology	42	1	0	0	0	0	43
660			Ophthalmology	83	0	0	0	0	0	83
661			Pediatric Surgery	15	0	0	0	0	0	15
662			Formative Surgery	4	0	0	0	0	0	4
			Surgery total	842	15	0	0	0	4	861
671		D E N T I S T R Y		Oral Anatomy and Morphological Basic Dentistry	50	1	0	0	0	51
672				Functional Basic Dentistry	54	3	0	0	0	57
673				Morbid Dentistry (inclu. Dental Radiology)	7	0	0	0	0	7
674				Conservative Dentistry	38	1	0	0	0	39
675				Prosthodontics and Dental Technology	62	1	0	0	0	63
676				Oral Surgery	36	1	0	0	0	37
677				Orthodontics, Pedodontics and Social Dentistry	37	5	0	0	0	42
678				Periodontological Dentistry	7	0	0	0	0	7
		Dentistry total	291	12	0	0	0	0	303	
681		P H A R M A C E U T I C S		Chemical Pharmaceutics	134	1	0	0	0	3
682	Physical Pharmaceutics			66	1	0	0	0	0	67
683	Biopharmaceutics			161	0	1	0	0	4	166
684	Molecular Pharmaceutics			18	0	0	0	0	0	18
685	Environmental Pharmaceutics			2	0	0	0	0	0	2
	Pharmaceutics total			381	2	1	0	0	7	391
691			Medical Sociology	22	4	0	0	0	0	26
692			Human Genetics	15	0	0	0	0	1	16
693			Applied Pharmacology and Medical Pharmacology	43	0	0	0	0	0	43
694			Pathological Examination	42	14	0	0	0	0	56
696			Science of Basic and Local Nursing	28	9	0	0	0	0	37
697			Science of Clinical Nursing	3	3	0	0	0	0	6
	Medicine in Gene r a l total	153	30	0	0	0	1	184		
	MEDICINE Total			3,853	173	2	1	1	28	4,058
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)	19	0	1	0	1	0	21
703			Physical Education	145	16	2	0	0	0	163
704			Human Geography	48	0	0	0	0	0	48
705			Physical Geography	22	1	0	0	0	0	23
			Geography total	70	1	0	0	0	0	71
706			Home Science(inclu. Cloth/Living Environments)	133	122	0	0	0	0	255
707			Food Culture	15	24	0	0	0	0	39
			Domestic Science total	148	146	0	0	0	0	294
708			Science of Cultural Property	1	0	0	0	0	0	1
711			Science Education	32	2	2	0	4	0	40
712			Educational Engineering	38	7	4	6	1	0	56
713			Curriculum Studies	128	22	0	0	0	0	150
714			Japanese Language Education	5	0	0	0	1	0	6
			Science Education• Curriculum Education total	203	31	6	6	6	0	252
721			Statistics	32	1	0	8	0	0	41
731			Computer Science	233	3	8	0	0	0	244
732			Intelligent Informatics	225	2	3	2	0	0	232
733			Study of Information System (Inclu. Library and Information Science)	133	15	2	3	0	0	153
			Information Science total	591	20	13	5	0	0	629
741			Social System Engineering	91	1	3	0	0	0	95
751			Natural Disaster Science	15	0	1	0	0	0	16

Table 43. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
761	I N T E R D I S C I P L I N A R Y A R E A		Plasma Science and Technology	61	0	6	7	0	2	76
772			Nuclear Fusion	24	0	1	6	0	1	32
773			Energy Science General	55	4	0	1	0	0	60
774			Nuclear Power Science	34	0	2	1	0	0	37
			Energy total	113	4	3	8	0	1	129
801			Environmental Dynamic Analysis	51	0	0	0	0	0	51
802			Environmental Influence Assessment (inclu. Radiobiology)	35	3	0	1	0	3	42
803			Environmental Preservation	61	1	1	0	0	1	64
			Environmental Science total	147	4	1	1	0	4	157
811			Biological Organic Chemistry	53	3	1	0	0	0	57
812			Structured Biochemistry	47	1	0	1	0	1	50
813			Functional Biochemistry	59	2	0	0	0	0	61
			Biological Chemistry total	159	6	1	1	0	1	168
821			Biophysics	30	0	0	1	0	0	31
822			Molecular Biology	114	1	1	3	0	4	123
823			Cell Biology	72	0	0	0	0	1	73
824			Developmental Biology	39	0	0	1	0	0	40
			Basic Biology total	255	1	1	5	0	5	267
831			Neuroanatomy and Neuropathology	28	0	0	1	0	0	29
832			Neurochemistry and Neuropharmacology	30	0	0	0	0	1	31
833			Neuro Science in General	54	0	0	2	0	1	57
834			Neuro and Muscular Physiology	31	4	0	0	0	0	35
			Neuro Science (inclu. Brain Science) total	143	4	0	3	0	2	152
841			Laboratory Animal Science	18	0	0	0	0	3	21
851			Medical Organism Engineering and Material Science of Organism	116	8	6	0	0	0	130
			INTERDISCIPLINARY AREA Total	2,327	243	44	44	7	18	2,683
999	WIDE AREA Total			345	133	7	4	1	2	492
	Item n.a. Total			61	17	0	1	0	1	80
	Grand Total			19,174	1,389	395	179	46	112	21,295

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	A R T S · H U M A N I T I E S		Philosophy	14	0	0	0	0	0	14
212			Chinese Philosophy	3	0	0	0	0	0	3
213			Indian Philosophy (inclu. Buddhist Studies)	3	1	0	0	0	0	4
214			Religion	5	1	0	0	0	0	6
215			Ethics	3	0	0	0	0	0	3
216			History of Philosophy	10	0	0	0	0	0	10
217			Aesthetics (inclu. Arts)	110	43	1	1	1	0	156
218			Art History	6	1	0	0	0	0	7
			Philosophy total	154	46	1	1	1	0	203
221			Experimental Psychology	6	2	0	0	0	0	8
222			Educational and Social	22	3	0	0	0	0	25
223			Sociology (inclu. Social Welfare)	27	4	0	0	0	0	31
224			Education	30	15	0	0	1	0	46
225			Cultural Anthropology (i n c l u. Ethnology and Folklore)	34	4	0	0	0	0	38
			Psychology· Sociology · Education Cultural Anthropology total	119	28	0	0	1	0	148
231			Japanese History	7	0	0	0	0	0	7
232			Oriental History	6	1	0	0	0	0	7
233			European History	19	2	0	0	0	0	21
234			Archaeology (inclu. Prehistory)	2	0	0	0	0	0	2
			History total	34	3	0	0	0	0	37
241			Japanese Language	4	1	0	0	0	0	5
242			Japanese Literature	6	1	0	0	0	0	7
243			Chinese Language and Literature	11	1	0	0	0	0	12
244			English Language and Literature	90	28	0	0	0	0	118
245			French Language and Literature	17	1	0	0	0	0	18
246			German Language and Literature	6	0	0	0	0	0	6
247			Other Foreign Languages and Literatures	17	1	0	0	0	0	18
248			Linguistics and Phonetics	46	3	0	0	1	0	50
249			Literature in General (i n c l u. Literary Theory, Comparative Literature) and Western Classics	9	2	0	0	0	0	11
			Literature total	206	38	0	0	1	0	245
			ARTS · HUMANITIES Total	513	115	1	1	3	0	633
261	L A W		Basic Science of Law	4	0	0	0	0	0	4
262			Public Law	4	0	0	0	0	0	4
263			International Law	9	0	0	0	0	0	9
264			Civil Law	4	0	0	0	0	0	4
265			Social Law	0	0	0	0	0	0	0
266			Criminal Law	0	1	0	0	0	0	1
267			Politics	22	1	0	0	0	0	23
			LAW Total	43	2	0	0	0	0	45
271	E C O N O M I C S		General Theory of Economics	16	2	0	0	0	0	18
272			Economical Statistics	5	0	0	0	0	0	5
273			Economic Policy (inclu. Economic Condition)	15	0	0	0	0	2	17
274			Economic History	3	0	0	0	0	0	3
275			Public Finance, Money and Banking	4	0	0	0	0	0	4
276			Commercial Science	2	0	0	0	0	0	2
277			Business Administration	28	1	0	0	0	0	29
278			Accounting	2	0	0	0	0	0	2
			ECONOMICS Total	75	3	0	0	0	2	80
301	S C I E N C E		Algebra	6	0	0	0	0	0	6
302			Geometry	1	0	0	0	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	0	0	1	0	0	11
305			Basic Analysis	1	0	0	0	0	0	1
306			Larger-area Analysis	1	0	0	0	0	0	1
			Mathematics total	19	0	0	1	0	0	20
311			Astronomy	6	0	0	1	0	0	7
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	23	0	0	3	0	0	26

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

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)	9	1	0	0	0	0	10
323			Solid - State Physics II (Magnetism, Metal Physics,	10	0	0	0	0	0	10
324			Physical Properties in General (inclu. Basic Theories)	7	0	0	2	0	0	9
325			Physics in General	5	0	0	0	0	0	5
			Physics total	54	1	0	5	0	0	60
331			Physics of Solid Earth	11	0	0	3	0	0	14
332			Meteorology, Oceanography and Hydrology	8	0	0	0	0	0	8
333			Aeronomy	8	0	0	1	0	0	9
334			Geology	7	0	0	0	0	0	7
335			Stratigraphy and Paleontology	0	0	0	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	0	0	0	6
337			Geochemistry	7	0	0	0	0	0	7
			Earth Science total	47	0	0	4	0	0	51
341			Physical Chemistry	14	0	0	1	0	0	15
342			Organic Chemistry	20	0	0	0	0	1	21
343			Inorganic Chemistry	5	0	0	0	0	0	5
344			Function, Properties and Materials in Chemistry	8	0	0	0	0	0	8
345			Substance Transformation	1	0	0	0	0	0	1
346			Separation, Refining and Identification	7	0	2	0	0	0	9
			Chemistry total	55	0	2	1	0	1	59
351			Genetics	4	0	0	0	0	0	4
352			Ecology	11	0	0	0	0	0	11
353			Plant Physiology	6	0	0	0	0	0	6
354			Morphology, Structure of Organism	2	0	0	1	0	0	3
355			Animal Physiology and	6	0	0	0	0	0	6
356			Morphology and Taxonomy	11	0	0	0	1	0	12
			Biology total	40	0	0	1	1	0	42
361			Physical Anthropology (inclu. Physiological Anthropology)	3	0	0	0	0	0	3
	SCIENCE Total			224	1	2	13	1	1	242
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	22	0	0	1	0	0	23
402			Surface Physics	3	0	0	0	0	0	3
403			Applied Optics and Quantum Optics	22	0	0	0	0	0	22
404			General Applied Physics	4	0	2	0	0	0	6
405			Fundamentals of Engineering	4	0	0	0	0	0	4
			Applied Physics· Fundamentals of Engineering total	55	0	2	1	0	0	58
411			Materials for Machines and Strength of Materials	37	0	1	0	0	0	38
412			Workshop Processes and Production Engineering	27	0	2	0	0	0	29
413			Design Engineering, Machine Elements and Tribology	21	1	0	0	0	0	22
414			Fluid Mechanics	24	0	0	0	0	0	24
415			Heat Engineering	26	1	3	1	0	0	31
416			Mechanics and Control Engineering	24	2	2	0	0	0	28
417			Intelligent Mechanics and Machine System	36	0	0	0	0	0	36
			Machine Engineering total	195	4	8	1	0	0	208
421			Electric Power Engineering and Electric Machinery	34	0	1	1	0	0	36
422			Electronic and Electric Materials Engineering	34	0	1	0	0	0	35
423			Electron Devices and Apparatus Engineering	43	1	0	0	0	0	44
424			Information and Communication Engineering	73	0	1	1	0	1	76

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	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	20	1	0	0	0	0	21
427			Electronic Measurements	29	0	1	0	0	0	30
428			Control Engineering	17	0	0	0	0	0	17
			Electric and Electronic Engineering	250	2	4	2	0	1	259
431			Construction Materials and Dynamics in General Civil Engineering	17	1	0	0	0	0	18
432			Structural Engineering and Seismology	11	0	1	0	0	0	12
433			Ground Engineering	18	0	0	0	0	0	18
434			Hydraulics and River Engineering	23	0	0	0	0	0	23
435			Traffic Engineering and Regional Planning	14	1	0	0	0	0	15
436			Civil Environmental System	10	1	1	0	0	0	12
			Civil Engineering total	93	3	2	0	0	0	98
441			Building Structure and Materials	20	0	1	0	0	0	21
442			Building Science and Building Equipment	15	2	1	0	0	0	18
443			City Planning and Building Planning	28	0	0	0	0	0	28
444			Architectural History and Design	13	0	0	0	0	0	13
			Architecture total	76	2	2	0	0	0	80
451			Physical Metallurgy	18	0	0	0	0	0	18
452			Inorganic Materials and Composed Materials and Properties	41	1	0	0	0	0	42
453			Structural and Functional Materials	9	0	2	0	0	0	11
454			Metallurgy and Material	24	0	0	0	0	0	24
455			Metal Productive Engineering	24	0	0	0	0	0	24
456			Material Engineering total	15	0	1	0	0	0	16
			Material Engineering total	131	1	3	0	0	0	135
461			Chemical Engineering in General Reaction and Separation Engineering	8	0	0	0	0	0	8
462			Catalyst and Chemical Process	8	0	1	0	0	0	9
463			Bioengineering	3	0	0	0	0	0	3
464			Industrial Analytical Chemistry	8	0	0	0	0	0	8
465			Process Engineering total	9	0	0	0	0	0	9
			Process Engineering total	36	0	1	0	0	0	37
471			Industrial Physical Chemistry	13	0	0	0	0	1	14
472			Industrial Inorganic Chemistry	8	0	0	0	0	0	8
473			Industrial Organic Chemistry	6	0	0	0	0	0	6
474			Synthetic Chemistry	6	0	0	0	0	0	6
475			Polymer Synthesis	7	0	0	0	0	0	7
476			Polymer Structure and Property (inclu. Fiber)	14	0	0	0	0	0	14
			Industrial Chemistry total	54	0	0	0	0	1	55
481			Aeronautics	11	0	0	6	0	0	17
482			Ship Engineering	8	1	0	0	0	0	9
483			Marine Engineering	3	0	0	0	0	0	3
484			Resource Development Engineering	7	0	0	0	0	0	7
			Synthetic Engineering total	29	1	0	6	0	0	36
			ENGINEERING Total	919	13	22	10	0	2	966
501	A G R I C U L T U R E		Plant Breeding	4	0	0	0	0	0	4
502			Crop Science	2	0	0	0	0	0	2
503			Horticulture and Landscape Architecture	9	0	0	0	0	0	9
504			Plant Protection	10	0	0	0	0	0	10
505			Sericultural Science and Economic Entomology	5	0	0	0	0	2	7
			Agriculture total	30	0	0	0	0	2	32
511			Plant Fertilizer and Manure and Soil Science	4	0	0	0	0	0	4
512			Applied Microbiochemistry and Applied Biochemistry	13	1	0	0	0	1	15
513			Biological Productive Chemistry and Bioorganic Chemistry	3	0	0	0	0	1	4
514			Food Science and Nutritional Chemistry	11	2	0	0	0	0	13

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
			Agricultural Chemistry total	31	3	0	0	0	2	36
521			Forestry	3	0	0	1	0	0	4
522			Wood Science	4	2	0	0	0	0	6
			Forestry total	7	2	0	1	0	0	10
531			Fisheries in General	7	0	0	0	0	0	7
532			Fisheries Chemistry	5	0	0	0	0	0	5
			Fisheries total	12	0	0	0	0	0	12
541			Agricultural Economics	9	0	0	0	0	0	9
551			Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	0	0	0	0	1	4
552			Agricultural Machinery	1	2	0	0	0	0	3
553			Biological Environment	7	0	0	0	0	0	7
			Agricultural Engineering total	11	2	0	0	0	1	14
561			Animal Science and Grassland Science	5	0	0	0	0	0	5
562			Applied Animal Science	4	1	0	0	0	0	5
563			Basic Veterinary Medicine and Basic Animal Science	8	0	0	0	0	0	8
564			Applied Veterinary Medicine	6	0	0	0	0	0	6
			Animal Science· Veterinary Medicine total	23	1	0	0	0	0	24
571			Biological Resource Science	2	0	0	0	0	0	2
572			Applied Molecular Cell Biology	1	0	0	0	0	0	1
			Interdisciplinary Agricultural Science total	3	0	0	0	0	0	3
			AGRICULTURE Total	126	8	0	1	0	5	140
601			Anatomy in General (inclu. Histology, Embryology)	9	1	0	1	0	0	11
602			Physiology in General	23	0	0	1	0	0	24
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	10	0	0	0	0	0	10
604			Pharmacology in General	13	0	0	0	0	0	13
605			Medical Chemistry in General	14	0	0	0	0	1	15
606			Pathological Medical Chemistry	5	0	0	0	0	0	5
			Physiology total	74	1	0	2	0	1	78
611			Hominal Pathology	16	0	0	0	0	0	16
612			Experimental Pathology	14	1	0	0	0	0	15
613			Parasitology (inclu. Medical Zoology)	8	0	0	0	0	0	8
614			Bacteriology (inclu. Eumycetes)	7	1	0	0	0	1	9
615			Virology	8	0	0	0	0	0	8
616			Immunology	17	0	0	0	0	1	18
			Pathology total	70	2	0	0	0	2	74
621			Hygiene	6	0	0	0	0	0	6
622			Public Health and Health Science	16	0	0	0	0	1	17
623			Legal Medicine	6	0	0	0	0	0	6
			Social Medicine total	28	0	0	0	0	1	29
631			Internal Medicine in General	30	0	0	0	0	0	30
632			Gastroenterology	31	0	0	0	0	0	31
633			Internal Medicine Respiratory System	11	0	0	0	0	0	11
634			Neurological Medicine	13	1	0	0	0	0	14
635			Cardioangiopathy	39	2	0	0	0	0	41
636			Pediatrics	15	0	0	0	0	0	15
637			Dermatology	16	0	0	0	0	0	16
638			Radiology	73	2	0	0	0	0	75
639			Neuropsychiatry	19	0	0	0	0	0	19
640			Endocrinology and Metabolic Science	9	0	0	0	0	0	9
641			Hematology	10	0	0	0	0	0	10
642			Internal Medicine of Kidney	10	0	0	0	0	0	10
643			Embryology and Newborn	2	0	0	0	0	0	2
644			Endocrinology	14	1	0	0	0	0	15
645			Metabolic Science	6	0	0	0	0	0	6
			Internal Medicine total	298	6	0	0	0	0	304
651			Surgery in General	17	0	0	0	0	0	17

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total	
652	M E D I C I N E		Gastroenterological Surgery	26	0	0	0	0	1	27	
653			Thoracic Surgery	13	0	0	0	0	0	13	
654			Neurosurgery	19	0	0	0	0	0	19	
655			Orthopedic Surgery	48	1	0	0	0	0	49	
656			Anesthesiology and Rescue Medicine	18	0	0	0	0	0	18	
657			Urology	22	0	0	0	0	1	23	
658			Obstetrics and Gynecology	30	1	0	0	0	0	31	
659			Oto-rhino-laryngology	9	0	0	0	0	0	9	
660			Ophthalmology	20	0	0	0	0	0	20	
661			Pediatric Surgery	5	0	0	0	0	0	5	
662			Formative Surgery	5	0	0	0	0	0	5	
			Surgery total	232	2	0	0	0	2	236	
671		D I C I N E		Oral Anatomy and Morphological Basic Dentistry	10	0	0	0	0	10	
672				Functional Basic Dentistry	14	0	0	0	0	14	
673				Morbid Dentistry (inclu. Dental Radiology)	3	0	0	0	0	3	
674				Conservative Dentistry	19	0	0	0	0	19	
675				Prosthodontics and Dental Technology	14	1	0	0	0	15	
676				Oral Surgery	15	1	0	0	0	16	
677				Orthodontics, Pedodontics and Social Dentistry	17	0	0	0	0	17	
678				Periodontological Dentistry	4	0	0	0	0	4	
				Dentistry total	96	2	0	0	0	98	
681		E		Chemical Pharmaceutics	11	0	0	0	0	11	
682	Physical Pharmaceutics			10	0	0	0	0	10		
683	Biopharmaceutics			19	0	0	0	0	19		
684	Molecular Pharmaceutics			2	0	0	1	0	3		
685	Environmental Pharmaceutics			1	0	0	0	0	1		
	Pharmaceutics total			43	0	0	1	0	44		
691			Medical Sociology	2	0	0	0	0	2		
692			Human Genetics	2	0	0	0	0	2		
693			Applied Pharmacology and Medical Pharmacology	7	0	0	0	0	7		
694			Pathological Examination	9	0	0	0	0	9		
696			Science of Basic and Local Nursing	9	4	0	0	0	13		
697			Science of Clinical Nursing	4	0	0	0	0	4		
			Medicine in Gene r a l total	33	4	0	0	0	37		
	MEDICINE Total			874	17	0	3	0	6	900	
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)	5	0	0	0	0	0	5	
703			Physical Education	15	1	0	0	0	0	16	
704			Human Geography	5	0	0	0	0	0	5	
705			Physical Geography	2	0	0	0	0	0	2	
			Geography total	7	0	0	0	0	0	7	
706			Home Science(inclu. Cloth/Living Environments)	5	2	0	0	0	0	7	
707			Food Culture	1	1	0	0	0	0	2	
			Domestic Science total	6	3	0	0	0	0	9	
708			Science of Cultural Property	0	0	0	0	0	0	0	
711			Science Education	3	0	0	0	0	0	3	
712			Educational Engineering	3	0	0	1	0	0	4	
713			Curriculum Studies	16	3	0	0	0	0	19	
714			Japanese Language Education	3	0	0	0	0	0	3	
			Science Education· Curriculum Education total	25	3	0	1	0	0	29	
721			Statistics	4	0	0	0	0	0	4	
731				Computer Science	44	0	0	0	0	0	44
732				Intelligent Informatics	44	0	1	0	0	0	45
733				Study of Information System (Inclu. Library and Information Science)	15	1	0	1	0	0	17
			Information Science total	103	1	1	1	0	0	106	
741			Social System Engineering	9	0	0	0	0	0	9	
751			Natural Disaster Science	1	0	0	0	0	0	1	

Table 44. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subdi vision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
761	I N T E R D I S C I P L I N A R Y A R E A		Plasma Science and Technology	8	0	0	2	0	0	10
772			Nuclear Fusion	8	0	0	1	0	0	9
773			Energy Science General	5	0	0	0	0	0	5
774			Nuclear Power Science	6	0	0	0	0	0	6
			Energy total	19	0	0	1	0	0	20
801			Environmental Dynamic Analysis	3	0	0	0	0	0	3
802			Environmental Influence Assessment (inclu. Radiobiology)	4	0	0	0	0	0	4
803			Environmental Preservation	13	1	1	0	0	0	15
			Environmental Science total	20	1	1	0	0	0	22
811			Biological Organic Chemistry	7	0	0	0	0	1	8
812			Structured Biochemistry	2	0	0	0	0	0	2
813			Functional Biochemistry	6	0	0	0	0	0	6
			Biological Chemistry total	15	0	0	0	0	1	16
821			Biophysics	7	0	0	0	0	0	7
822			Molecular Biology	24	0	0	0	0	0	24
823			Cell Biology	13	0	0	0	0	0	13
824			Developmental Biology	4	0	0	0	0	0	4
			Basic Biology total	48	0	0	0	0	0	48
831			Neuroanatomy and Neuropathology	6	0	0	0	0	0	6
832			Neurochemistry and Neuropharmacology	4	0	0	0	0	0	4
833			Neuro Science in General	9	0	1	0	0	0	10
834			Neuro and Muscular Physiology	7	0	0	0	0	0	7
			Neuro Science (inclu. Brain Science) total	26	0	1	0	0	0	27
841			Laboratory Animal Science	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	32	3	2	0	0	0	37
			INTERDISCIPLINARY AREA Total	344	12	5	5	0	2	368
999			WIDE AREA Total	79	21	1	0	0	1	102
			Item n.a. Total	17	3	0	0	0	0	20
			Grand Total	3,214	195	31	33	4	19	3,496

Table 45. Number of Researchers by Institution Type / by Professional Title / by Gender

Organizations		President/Vice President				Professor				Associate Professor				Lecturer				Research Assistant			
		Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Universities	National	101	1	0	102	15,018	636	2	15,656	12,042	1,008	8	13,058	3,601	485	2	4,088	12,013	1,743	8	13,764
	Municipal	24	1	0	25	1,857	189	1	2,047	1,456	197	1	1,654	798	167	0	965	1,353	325	0	1,678
	Private	259	17	0	276	20,346	1,994	9	22,349	9,152	1,743	5	10,900	6,607	1,482	2	8,091	6,300	2,345	2	8,647
	total	384	19	0	403	37,221	2,819	12	40,052	22,650	2,948	14	25,612	11,006	2,134	4	13,144	19,666	4,413	10	24,089
Junior Colleges	National	2	0	0	2	207	50	0	257	134	81	0	215	41	56	0	97	73	121	0	194
	Municipal	17	0	0	17	362	130	0	492	257	165	0	422	106	184	0	290	41	218	0	259
	Private	171	22	0	193	3,541	1,584	1	5,126	2,219	1,682	1	3,902	1,434	1,340	1	2,775	131	580	0	711
	total	190	22	0	212	4,110	1,764	1	5,875	2,610	1,928	1	4,539	1,581	1,580	1	3,162	245	919	0	1,164
Colleges of Technology	National	1	0	0	1	1,310	8	0	1,318	1,225	40	0	1,265	447	39	0	486	434	54	0	488
	Municipal	0	0	0	0	134	2	0	136	95	3	0	98	46	8	0	54	9	1	0	10
	Private	0	0	0	0	61	0	0	61	59	0	0	59	31	5	0	36	4	1	0	5
	total	1	0	0	1	1,505	10	0	1,515	1,379	43	0	1,422	524	52	0	576	447	56	0	503
Inter-University Research Institutes		0	0	0	0	234	3	0	237	248	23	0	271	1	3	0	4	353	35	0	388
Government Research Institutes		0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1	2	0	0	2
Private Scientific Research Institutes		0	0	0	0	7	0	0	7	4	0	0	4	4	1	0	5	3	0	0	3
Grand Total	National	104	1	0	105	16,770	697	2	17,469	13,649	1,152	8	14,809	4,091	583	2	4,676	12,875	1,953	8	14,836
	Municipal	41	1	0	42	2,353	321	1	2,675	1,808	365	1	2,174	950	359	0	1,309	1,403	544	0	1,947
	Private	430	39	0	469	23,955	3,578	10	27,543	11,434	3,425	6	14,865	8,076	2,828	3	10,907	6,438	2,926	2	9,366
	total	575	41	0	616	43,078	4,596	13	47,687	26,891	4,942	15	31,848	13,117	3,770	5	16,892	20,716	5,423	10	26,149

Table 45. Number of Researchers by Institution Type / by Professional Title / by Gender

Organizations		others				Graduate Student				Part - time Researcher				Unknown				Total			
		Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Universities	National	439	102	1	542	12,830	3,071	12	15,913	1,003	230	3	1,236	85	19	9	113	57,132	7,295	45	64,472
	Municipal	145	22	0	167	700	220	2	922	27	8	0	35	15	7	0	22	6,375	1,136	4	7,515
	Private	1,612	249	1	1,862	2,543	1,179	2	3,724	51	22	0	73	145	45	4	194	47,015	9,076	25	56,116
	total	2,196	373	2	2,571	16,073	4,470	16	20,559	1,081	260	3	1,344	245	71	13	329	110,522	17,507	74	128,103
Junior Colleges	National	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	460	308	0	768
	Municipal	8	2	0	10	0	0	0	0	0	0	0	0	0	3	0	3	791	702	0	1,493
	Private	198	58	0	256	0	0	0	0	2	2	0	4	7	13	0	20	7,703	5,281	3	12,987
	total	209	60	0	269	0	0	0	0	2	2	0	4	7	16	0	23	8,954	6,291	3	15,248
Colleges of Technology	National	49	0	0	49	0	0	0	0	1	0	0	1	2	0	0	2	3,469	141	0	3,610
	Municipal	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	286	14	0	300
	Private	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	159	6	0	165
	total	55	0	0	55	0	0	0	0	1	0	0	1	2	0	0	2	3,914	161	0	4,075
Inter-University Research Institutes		29	3	0	32	2	0	0	2	83	23	0	106	1	1	0	2	951	91	0	1,042
Government Research Institutes		345	55	1	401	1	0	0	1	1	1	0	2	3	0	0	3	354	56	1	411
Private Scientific Research Institutes		697	149	1	847	1	1	0	2	2	2	0	4	6	2	0	8	724	155	1	880
Grand Total	National	865	160	2	1,027	12,833	3,071	12	15,916	1,088	254	3	1,345	91	20	9	120	62,366	7,891	46	70,303
	Municipal	155	24	0	179	700	220	2	922	27	8	0	35	15	10	0	25	7,452	1,852	4	9,308
	Private	2,511	456	2	2,969	2,544	1,180	2	3,726	55	26	0	81	158	60	4	222	55,601	14,518	29	70,148
	total	3,531	640	4	4,175	16,077	4,471	16	20,564	1,170	288	3	1,461	264	90	13	367	125,419	24,261	79	149,759

Table 46. Last Degree Course Completed by Institution Type

Organizations		Total	Graduate School				Faculty at Universities	Others (inclu. Unknown)	Country		
			Doctral course	Master's course	Unknown	total			Japan	Foreign Countries	Unknown
Universities	National	64,472	26,002	23,509	636	50,147	13,332	993	57,596	3,057	3,819
	Municipal	7,515	2,964	2,202	80	5,246	2,100	169	6,690	262	563
	Private	56,116	22,009	14,357	895	37,261	17,139	1,716	49,114	3,082	3,920
	total	128,103	50,975	40,068	1,611	92,654	32,571	2,878	113,400	6,401	8,302
Junior Colleges	National	768	140	204	13	357	295	116	690	18	60
	Municipal	1,493	379	411	27	817	481	195	1,325	34	134
	Private	12,987	2,769	3,630	212	6,611	4,910	1,466	11,259	832	896
	total	15,248	3,288	4,245	252	7,785	5,686	1,777	13,274	884	1,090
Colleges of Technology	National	3,610	773	1,470	25	2,268	1,134	208	3,403	45	162
	Municipal	300	86	130	3	219	75	6	288	1	11
	Private	165	12	45	3	60	94	11	140	8	17
	total	4,075	871	1,645	31	2,547	1,303	225	3,831	54	190
Inter-University Research Institutes		1,042	734	176	7	917	100	25	939	36	67
Government Research Institutes		411	150	173	6	329	75	7	372	15	24
Private Scientific Research Institutes		880	238	196	6	440	377	63	808	19	53
Grand Total	National	70,303	27,799	25,532	687	54,018	14,936	1,349	63,000	3,171	4,132
	Municipal	9,308	3,429	2,743	110	6,282	2,656	370	8,303	297	708
	Private	70,148	25,028	18,228	1,116	44,372	22,520	3,256	61,321	3,941	4,886
	total	149,759	56,256	46,503	1,913	104,672	40,112	4,975	132,624	7,409	9,726

Table 47. Number of Doctorate Degree Holders by Institution Type / by Professional Title

Organizations		President / Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
Universities	National	84	11,776	9,285	3,105	8,654	201	283	935	23	34,346
	Municipal	18	1,289	1,000	652	895	65	24	21	2	3,966
	Private	158	11,007	4,619	4,230	3,645	927	61	35	23	24,705
	total	260	24,072	14,904	7,987	13,194	1,193	368	991	48	63,017
Junior Colleges	National	1	179	82	11	12	3	0	0	0	288
	Municipal	9	197	102	40	14	4	0	0	0	366
	Private	67	1,026	421	195	16	85	0	0	2	1,812
	total	77	1,402	605	246	42	92	0	0	2	2,466
Colleges of Technology	National	1	615	443	118	98	38	0	1	0	1,314
	Municipal	0	45	34	17	3	1	0	0	0	100
	Private	0	10	4	1	0	1	0	0	0	16
	total	1	670	481	136	101	40	0	1	0	1,430
Inter-University Research Institutes		0	205	202	2	286	29	0	94	1	819
Government Research Institutes		0	0	0	1	0	114	0	2	1	118
Private Scientific Research Institutes		0	3	1	1	1	386	0	1	1	394
Grand Total	National	86	12,775	10,012	3,237	9,050	385	283	1,032	25	36,885
	Municipal	27	1,531	1,136	709	912	70	24	21	2	4,432
	Private	225	12,046	5,045	4,427	3,662	1,399	61	36	26	26,927
	total	338	26,352	16,193	8,373	13,624	1,854	368	1,089	53	68,244

Table 48. Number of Researchers Who Have Traveled Abroad by Institution Type / by Professional Title

Organization		President/Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
Universities	National	4	1,776	1,732	380	1,121	49	833	170	9	6,074
	Municipal	2	245	225	114	126	7	37	3	0	759
	Private	10	2,056	979	541	328	126	215	10	7	4,272
	total	16	4,077	2,936	1,035	1,575	182	1,085	183	16	11,105
Junior Colleges	National	0	17	14	3	4	0	0	0	0	38
	Municipal	2	11	22	12	1	0	0	0	0	48
	Private	8	224	185	97	4	11	0	1	2	532
	total	10	252	221	112	9	11	0	1	2	618
Colleges of Technology	National	0	25	41	12	4	1	0	0	0	83
	Municipal	0	1	3	1	0	0	0	0	0	5
	Private	0	0	1	1	0	0	0	0	0	2
	total	0	26	45	14	4	1	0	0	0	90
Inter-University Research Institutes		0	45	60	1	61	4	0	18	0	189
Government Research Institutes		0	0	0	0	0	77	0	0	0	77
Private Scientific Research Institutes		0	1	0	2	0	42	0	0	0	45
Grand Total	National	4	1,863	1,847	396	1,190	131	833	188	9	6,461
	Municipal	4	257	250	127	127	7	37	3	0	812
	Private	18	2,281	1,165	641	332	179	215	11	9	4,851
	total	26	4,401	3,262	1,164	1,649	317	1,085	202	18	12,124

Table 49. Number of Reserchers Who Have Participated in International Conferences, Etc., Overseas by Institution Type / by Professional Title

Organizations		President/Vice President	Professor	Associate Professor	Lecturer	Research Assistant	Others	Graduate Student	Part-time Researcher	Unknown	Total
Universities	National	24	5,211	3,827	1,161	3,349	123	2,195	357	15	16,262
	Municipal	7	560	371	263	357	28	131	8	3	1,728
	Private	32	4,132	1,790	1,441	1,255	296	388	18	10	9,362
	total	63	9,903	5,988	2,865	4,961	447	2,714	383	28	27,352
Junior Colleges	National	1	49	28	4	10	0	0	0	0	92
	Municipal	4	41	31	21	2	2	0	0	0	101
	Private	13	284	182	108	19	17	0	1	1	625
	total	18	374	241	133	31	19	0	1	1	818
Colleges of Technology	National	0	90	105	45	40	10	0	0	0	290
	Municipal	0	6	12	6	0	0	0	0	0	24
	Private	0	2	2	0	0	0	0	0	0	4
	total	0	98	119	51	40	10	0	0	0	318
Inter-University Research Institutes		0	108	105	1	132	12	0	36	0	394
Government Research Institutes		0	0	0	0	0	60	0	0	0	60
Private Scientific Research Institutes		0	0	0	1	1	105	0	0	0	107
Grand Total	National	25	5,458	4,065	1,211	3,531	205	2,195	393	15	17,098
	Municipal	11	607	414	290	359	30	131	8	3	1,853
	Private	45	4,418	1,974	1,550	1,275	418	388	19	11	10,098
	total	81	10,483	6,453	3,051	5,165	653	2,714	420	29	29,049

Table 50. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Institution Type / by Party Covering Expenses

Organizations		Promoters	Foreign organizations	MOE/JSP S	Other Japanese governmental organizations	Affiliated institution	Foundation, etc. (contribution, entrusted fund included)	At one's own expenses	Total (excl. duplicated sponsors)
Universities	National	1,315	908	3,685	707	1,871	5,403	5,803	16,262
	Municipal	167	99	207	48	350	251	976	1,728
	Private	916	656	584	309	4,180	1,036	3,969	9,362
	total	2,398	1,663	4,476	1,064	6,401	6,690	10,748	27,352
Junior Colleges	National	7	4	12	3	1	20	52	92
	Municipal	6	2	9	4	22	5	68	101
	Private	45	44	14	16	262	34	316	625
	total	58	50	35	23	285	59	436	818
Colleges of Technology	National	3	13	44	7	16	101	133	290
	Municipal	0	0	1	0	1	7	17	24
	Private	0	0	0	0	4	0	1	4
	total	3	13	45	7	21	108	151	318
Inter-University Research Institutes		31	26	207	17	60	105	81	394
Government Research Institutes		7	5	21	3	9	6	27	60
Private Scientific Research Institutes		16	7	13	4	47	15	31	107
Grand Total	National	1,363	956	3,969	737	1,957	5,635	6,096	17,098
	Municipal	173	101	217	52	373	263	1,061	1,853
	Private	977	707	611	329	4,493	1,085	4,317	10,098
	total	2,513	1,764	4,797	1,118	6,823	6,983	11,474	29,049

Table 51. Number of Academic Society Affiliations (Japanese) by Institution Type

Organizations		Number of Academic Societies									Total
		0	1	2	3	4	5	6	7	8 or more	
Universities	National	6,523	10,802	12,104	12,751	8,648	6,683	3,053	1,685	2,223	64,472
	Municipal	683	857	1,233	1,553	1,131	1,036	425	244	353	7,515
	Private	4,690	6,795	9,786	11,893	8,492	6,699	3,240	1,779	2,742	56,116
	total	11,896	18,454	23,123	26,197	18,271	14,418	6,718	3,708	5,318	128,103
Junior Colleges	National	33	74	126	173	128	92	52	35	55	768
	Municipal	147	162	227	357	239	202	80	38	41	1,493
	Private	1,800	1,999	2,398	2,716	1,716	1,157	636	262	303	12,987
	total	1,980	2,235	2,751	3,246	2,083	1,451	768	335	399	15,248
Colleges of Technology	National	216	852	1,045	823	366	162	81	34	31	3,610
	Municipal	24	60	76	80	36	16	5	1	2	300
	Private	37	50	34	23	13	6	2	0	0	165
	total	277	962	1,155	926	415	184	88	35	33	4,075
Inter -University Research Institutes		69	269	270	209	107	58	30	16	14	1,042
Government Research Institutes		39	49	87	82	57	46	29	13	9	411
Private Scientific Research Institutes		116	150	217	145	100	72	29	20	31	880
Grand Total	National	6,880	12,046	13,632	14,038	9,306	7,041	3,245	1,783	2,332	70,303
	Municipal	854	1,079	1,536	1,990	1,406	1,254	510	283	396	9,308
	Private	6,643	8,994	12,435	14,777	10,321	7,934	3,907	2,061	3,076	70,148
	total	14,377	22,119	27,603	30,805	21,033	16,229	7,662	4,127	5,804	149,759

Table 52. Number of Academic Society Affiliations (Overseas) by Institution Type

Organizations		Number of Academic Societies									Total
		0	1	2	3	4	5	6	7	8 or more	
Universities	National	48,393	10,971	3,558	1,042	344	104	42	6	12	64,472
	Municipal	5,738	1,214	393	117	34	10	8	0	1	7,515
	Private	44,104	8,078	2,695	831	245	106	34	10	13	56,116
	total	98,235	20,263	6,646	1,990	623	220	84	16	26	128,103
Junior Colleges	National	645	94	21	6	1	0	1	0	0	768
	Municipal	1,338	111	32	7	2	1	1	1	0	1,493
	Private	11,877	828	204	53	17	6	2	0	0	12,987
	total	13,860	1,033	257	66	20	7	4	1	0	15,248
Colleges of Technology	National	3,296	265	35	12	2	0	0	0	0	3,610
	Municipal	272	24	4	0	0	0	0	0	0	300
	Private	154	11	0	0	0	0	0	0	0	165
	total	3,722	300	39	12	2	0	0	0	0	4,075
Inter-University Research Institutes		745	204	58	21	8	2	1	2	1	1,042
Government Research Institutes		313	56	27	8	5	1	1	0	0	411
Private Scientific Research Institutes		738	103	23	12	2	1	0	1	0	880
Grand Total	National	53,392	11,590	3,699	1,089	360	107	45	8	13	70,303
	Municipal	7,348	1,349	429	124	36	11	9	1	1	9,308
	Private	56,873	9,020	2,922	896	264	113	36	11	13	70,148
	total	117,613	21,959	7,050	2,109	660	231	90	20	27	149,759

Table 53. Number of Research Themes Related to Specific Areas by Institution Type

Code	Area		Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research	Total
31	Space Science		1,468	22	37	206	5	3	1,741
32	Ocean Science		1,411	26	41	8	4	7	1,497
33	Environmental Science		5,333	257	172	42	16	29	5,849
34	Energy Studies	Nuclear Fusion Studies	766	7	15	107	0	3	898
35		Atomic Studies	707	7	21	13	0	1	749
36		O t h e r Energy Studies	1,955	43	139	12	2	6	2,157
37	S t u d i e s of Natural Disasters	Earthquake Prediction Studies	418	2	8	10	1	2	441
38		Volcanic Eruption Prediction Studies	160	1	0	1	1	0	163
39		Other Natural Disasters Studies	1,125	28	53	3	0	13	1,222
40	Accelerator Science		374	6	7	93	0	0	480
41	S t u d i e s of New Materials	Studies for Superconducting Materials	958	6	58	23	0	0	1,045
42		Studies for Amorphous Materials	695	7	41	1	0	4	748
43		Other Materials	5,597	64	215	32	2	21	5,931
44	Information Science		4,280	338	160	56	6	8	4,848
45	Biological Sciences	Cancer Studies	7,634	159	11	4	0	117	7,925
46		S t u d i e s of Incurable (except	3,383	67	5	8	0	52	3,515
47		Other Life Science Studies	13,105	388	30	148	10	121	13,802
48	Bioengineering	Recombinant DNA Studies	2,881	35	10	30	3	32	2,991
49		Cell Fusion Studies	169	10	5	2	0	1	187
50		Other Bioengineering Studies	1,945	55	43	5	0	18	2,066
51	A r e a Studies	North East Asia Studies	2,812	255	20	16	18	23	3,144
52		Southeast Asia Studies	1,698	132	9	17	11	16	1,883
53		South Asia Studies	392	46	2	4	6	12	462
54		West Asia and North Africa Studies	447	37	1	7	0	11	503
55		Africa Studies(Sub Sahara)	272	17	1	6	0	6	302
56		Central and South America Studies	385	27	2	9	3	3	429
57		Oceania Studies	309	44	4	12	0	0	369
58		Europe Studies	3,120	277	24	7	7	8	3,443
59		North America Studies	1,397	234	13	3	1	2	1,650
60	Relationship with Research Theses of the United Nations	Peace, Security, Settlement of Dispute and Transformation of World	695	58	7	1	3	5	769
61		World Economy	397	38	0	0	0	1	436
62		Starvation,Poverty,Resources and Environment	807	97	8	0	1	3	916
63		Development of People and Society, and Coexistence of Different Nations, Cultures and Social	2,670	542	30	22	16	10	3,290
64		Science and Technology, and Related Social and Ethical Problems	861	114	14	2	4	1	996
	Area N.A.		0	0	0	0	0	0	0
	TOTAL		70,626	3,446	1,206	910	120	539	76,847

Table 54. Number of Research Themes Related to Specific Areas by Age of Researcher

Code	Area		21-30 years old	31-40 years old	41-50 years old	51-60 years old	61-70 years old	71 or more	Unknown	Total
31	Space Science		328	406	399	480	114	8	6	1,741
32	Ocean Science		249	357	425	359	102	2	3	1,497
33	Environmental Science		735	1,178	1,513	1,797	593	29	4	5,849
34	Energy Studies	Nuclear Fusion Studies	159	216	228	223	61	4	7	898
35		Atomic Studies	102	149	153	238	106	1	0	749
36		O t h e r Energy Studies	272	504	477	656	238	10	0	2,157
37	S t u d i e s of Natural Disasters	Earthquake Prediction	68	100	95	144	34	0	0	441
38		Volcanic Eruption Prediction Studies	22	45	45	43	6	1	1	163
39		Other Natural Disasters Studies	112	224	339	412	131	4	0	1,222
40	Accelerator Science		118	119	91	122	26	2	2	480
41	S t u d i e s of New Materials	Studies for Superconducting Materials	183	296	225	263	74	3	1	1,045
42		Studies for Amorphous Materials	101	201	155	229	59	1	2	748
43		Other Materials	758	1,521	1,412	1,731	463	33	13	5,931
44	Information Science		1,029	1,310	1,055	958	457	19	20	4,848
45	Biological Sciences	Cancer Studies	817	2,875	2,620	1,188	386	21	18	7,925
46		S t u d i e s of Incurable (except Cancer)	323	1,194	1,217	582	173	12	14	3,515
47		Other Life Science Studies	1,741	4,430	4,151	2,532	880	39	29	13,802
48	Bioengineering	Recombinant DNA Studies	616	1,128	733	392	110	7	5	2,991
49		Cell Fusion Studies	28	50	45	48	15	1	0	187
50		Other Bioengineering	387	623	475	436	135	3	7	2,066
51	A r e a Studies	North East Asia Studies	227	805	950	623	491	33	15	3,144
52		Southeast Asia Studies	162	426	617	462	204	9	3	1,883
53		South Asia Studies	39	108	134	115	61	2	3	462
54		West Asia and North Africa Studies	41	94	195	105	65	3	0	503
55		Africa Studies(Sub Sahara)	31	77	87	72	31	2	2	302
56		Central and South America Studies	18	118	137	108	43	3	2	429
57		Oceania Studies	18	75	137	96	43	0	0	369
58		Europe Studies	233	751	1,160	813	438	29	19	3,443
59		North America Studies	101	360	484	445	236	13	11	1,650
60	Relationship with Research Theses of the United Nations	Peace, Security, Settlement of Dispute and Transformation of World	51	169	225	174	141	9	0	769
61		World Economy	44	109	103	86	85	6	3	436
62		Starvation,Poverty,Resource s and Environment	82	207	242	248	130	5	2	916
63		Development of People and Society, and Coexistence of Different Nations, Cultures and Social Structures	250	734	1,010	761	493	31	11	3,290
64		Science and Technology, and Related Social and Ethical Problems	50	227	296	276	136	8	3	996
	Area N.A.		0	0	0	0	0	0	0	0
	TOTAL		9,495	21,186	21,630	17,217	6,760	353	206	76,847

Appendixes

1998 Academic Research Activities Survey -- Survey Form

1. Instructions for Researchers (for new entry)
2. Individual Survey Form (Form A)

Academic Research Activities in Japan
- A Report on the 1998 Academic Research Activities Survey -

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