

Table 46. Number of Researchers Who Have Spoken at 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
211	ARTS • HUMANITIES	Philosophy	Philosophy	7	7	1	0
212			Chinese Philosophy	0	5	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	8	12	3	0
214			Religion	12	8	3	1
215			Ethics	2	0	0	1
216			History of Philosophy	3	4	1	0
217			Aesthetics (inclu. Arts)	24	19	5	7
218			Art History	2	1	1	0
			Philosophy total	58	56	14	9
221		Psychology • Sociology • Education	Experimental Psychology	1	2	10	1
222			Educational and Social	6	9	18	0
223			Sociology	21	23	12	5
224			Education	18	11	3	2
225			Cultural Anthropology (inclu. Ethnology and Folklore)	13	4	6	3
			Psychology • Sociology • Education Cultural Anthropology total	59	49	49	11
231		History	Japanese History	3	0	4	0
232			Oriental History	10	9	4	0
233			European History	3	6	5	1
234			Archaeology (inclu. Prehistory)	3	3	7	0
			History total	19	18	20	1
241		Language and Literature	Japanese Language	4	10	4	2
242			Japanese Literature	12	14	2	0
243			Chinese Language and Literature	11	8	6	1
244			English Language and Literature	14	21	9	3
245			French Language and Literature	3	4	4	1
246			German Language and Literature	5	3	2	1
247			Other Foreign Languages and Literatures	11	7	4	0
248			Linguistics and Phonetics	18	15	6	4
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	4	1	0
			Literature total	80	86	38	12
			ARTS • HUMANITIES Total	216	209	121	33
261	LAW	Basic Science of Law	Basic Science of Law	9	3	2	0
262			Public Law	4	1	1	0
263			International Law	4	7	3	1
264			Civil Law	7	7	3	1
265			Social Law	0	0	4	0
266			Criminal Law	3	2	0	0
267			Politics	20	17	8	2
			LAW Total	47	37	21	4
271	ECONOMICS	General Theory of Economics	General Theory of Economics	7	7	12	1
272			Economical Statistics	1	1	2	1
273			Economic Policy (inclu. Economic Condition)	13	21	4	6
274			Economic History	2	5	5	0
275			Public Finance, Money and Banking	7	6	2	2
276			Commercial Science	5	3	4	0
277			Business Administration	13	13	8	2
278			Accounting	5	6	2	0
			ECONOMICS Total	53	62	39	12
301	SCIENCE	Mathematics	Algebra	6	3	10	0
302			Geometry	3	1	3	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	6	3	20	3
305			Basic Analysis	1	2	13	0
306			Larger-area Analysis	3	1	4	1
			Mathematics total	19	10	50	4
311		Astronomy	Astronomy	2	1	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	4	3	10	2

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Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS・HUMANITIES		Philosophy	11	2	9	29
212			Chinese Philosophy	4	1	2	11
213			Indian Philosophy (inclu. Buddhist Studies)	14	5	8	37
214			Religion	16	1	4	32
215			Ethics	3	0	1	5
216			History of Philosophy	11	1	9	20
217			Aesthetics (inclu. Arts)	18	6	29	78
218			Art History	1	2	1	8
			Philosophy total	78	18	63	220
221			Experimental Psychology	26	3	11	44
222			Educational and Social	51	8	46	118
223			Sociology	45	6	29	95
224			Education	32	6	23	76
225			Cultural Anthropology (inclu. Ethnology and Folklore)	18	6	15	45
			Psychology・Sociology・Education Cultural Anthropology total	172	29	124	378
231			Japanese History	7	0	4	16
232			Oriental History	9	2	13	34
233			European History	7	2	3	22
234			Archaeology (inclu. Prehistory)	3	1	6	15
			History total	26	5	26	87
241			Japanese Language	8	0	5	22
242			Japanese Literature	15	2	9	40
243			Chinese Language and Literature	19	2	16	45
244			English Language and Literature	64	9	28	115
245			French Language and Literature	11	1	5	22
246			German Language and Literature	5	1	2	12
247			Other Foreign Languages and Literatures	25	0	13	45
248			Linguistics and Phonetics	45	3	26	87
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	1	4	17
			Literature total	201	19	108	405
			ARTS・HUMANITIES Total	477	71	321	1,090
261	LAW		Basic Science of Law	7	1	3	15
262			Public Law	3	1	1	9
263			International Law	9	3	3	20
264			Civil Law	5	2	4	21
265			Social Law	1	0	2	6
266			Criminal Law	2	0	2	8
267			Politics	20	8	10	58
			LAW Total	47	15	25	137
271	ECONOMICS		General Theory of Economics	30	3	13	53
272			Economical Statistics	6	1	2	13
273			Economic Policy (inclu. Economic Condition)	22	8	18	60
274			Economic History	7	1	1	16
275			Public Finance, Money and Banking	9	1	3	20
276			Commercial Science	8	4	4	25
277			Business Administration	40	4	21	81
278			Accounting	16	3	3	27
			ECONOMICS Total	138	25	65	295
301	SCIENCE		Algebra	12	0	5	25
302			Geometry	5	1	0	11
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	20	2	18	45
305			Basic Analysis	15	0	6	25
306			Larger-area Analysis	7	1	2	13
			Mathematics total	59	4	31	119
311			Astronomy	6	1	0	7
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	26	4	8	42

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Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	0	6	0
323			Solid-State Physics II (Magnetism, Metal Physics,	3	4	7	0
324			Physical Properties in General (inclu. Basic Theories)	1	2	4	0
325			Physics in General	2	3	7	1
			Physics total	11	12	34	3
331			Physics of Solid Earth	0	0	3	0
332			Meteorology, Oceanography and Hydrology	2	2	5	1
333			Aeronomy	1	1	1	0
334			Geology	1	1	1	1
335			Stratigraphy and Paleontology	1	0	1	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	1	1	1	0
			Earth Science total	6	5	12	2
341			Physical Chemistry	4	3	5	1
342			Organic Chemistry	3	0	1	1
343			Inorganic Chemistry	0	1	1	1
344			Function, Properties and Materials in Chemistry	3	1	2	2
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	2	0	1	2
			Chemistry total	12	5	10	7
351			Genetics	1	2	1	0
352			Ecology	3	2	6	2
353			Plant Physiology	2	3	3	1
354			Morphology, Structure of Organism	1	0	1	0
355			Animal Physiology and	0	2	2	1
356			Morphology and Taxonomy	1	1	0	0
			Biology total	8	10	13	4
361			Physical Anthropology (inclu. Physiological Anthropology)	2	1	3	0
	SCIENCE Total			60	44	123	20
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	2	1	2
402			Surface Physics	1	0	2	1
403			Applied Optics and Quantum Optics	2	1	2	0
404			General Applied Physics	0	0	2	1
405			Fundamentals of Engineering	1	0	2	0
			Applied Physics·Fundamentals of Engineering total	4	3	9	4
411			Materials for Machines and Strength of Materials	3	5	6	3
412			Workshop Processes and Production Engineering	1	4	2	1
413			Design Engineering, Machine Elements and Tribology	0	0	2	0
414			Fluid Mechanics	1	1	4	1
415			Heat Engineering	1	2	4	2
416			Mechanics and Control Engineering	2	1	2	1
417			Intelligent Mechanics and Machine System	2	0	6	2
			Machine Engineering total	10	13	26	10
421			Electric Power Engineering and Electric Machinery	1	2	11	0
422			Electronic and Electric Materials Engineering	0	4	10	5
423			Electron Devices and Apparatus Engineering	5	2	9	5
424			Information and Communication Engineering	0	3	10	4

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322			Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	28	3	3	33
323			Solid-State Physics II (Magnetism, Metal Physics,	17	3	6	29
324			Physical Properties in General (inclu. Basic Theories)	16	1	3	21
325			Physics in General	14	2	5	21
			Physics total	101	13	25	146
331			Physics of Solid Earth	6	0	2	8
332			Meteorology, Oceanography and Hydrology	3	2	4	12
333			Aeronomy	4	0	0	5
334			Geology	3	2	1	7
335			Stratigraphy and Paleontology	1	1	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	4
337			Geochemistry	3	0	2	7
			Earth Science total	23	5	11	45
341			Physical Chemistry	21	2	5	32
342			Organic Chemistry	12	2	4	21
343			Inorganic Chemistry	11	1	5	17
344			Function, Properties and Materials in Chemistry	12	3	3	18
345			Substance Transformation	4	0	0	4
346			Separation, Refining and Identification	7	5	5	13
			Chemistry total	67	13	22	105
351			Genetics	4	1	0	7
352			Ecology	9	4	8	22
353			Plant Physiology	4	1	5	11
354			Morphology, Structure of Organism	5	2	1	9
355			Animal Physiology and	4	2	6	10
356			Morphology and Taxonomy	4	0	5	10
			Biology total	30	10	25	69
361			Physical Anthropology (inclu. Physiological Anthropology)	5	2	4	10
			SCIENCE Total	291	48	118	501
401			Applied Physics of Property and Crystallography	14	2	4	21
402			Surface Physics	10	5	2	14
403			Applied Optics and Quantum Optics	15	3	5	19
404			General Applied Physics	13	2	0	15
405			Fundamentals of Engineering	11	2	3	15
			Applied Physics·Fundamentals of Engineering total	63	14	14	84
411			Materials for Machines and Strength of Materials	35	4	7	49
412			Workshop Processes and Production Engineering	22	3	4	32
413			Design Engineering, Machine Elements and Tribology	19	5	5	26
414			Fluid Mechanics	23	13	5	39
415			Heat Engineering	19	7	8	31
416			Mechanics and Control Engineering	15	9	7	29
417			Intelligent Mechanics and Machine System	24	2	6	33
			Machine Engineering total	157	43	42	239
421			Electric Power Engineering and Electric Machinery	32	14	9	52
422			Electronic and Electric Materials Engineering	32	11	9	51
423			Electron Devices and Apparatus Engineering	38	11	13	53
424			Information and Communication Engineering	64	15	15	92

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425	E		System Engineering	2	3	0	1
427			Electronic Measurements	1	0	10	1
428			Control Engineering	0	1	6	1
			Electric and Electronic Engineering	9	15	56	17
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	0
432			Structural Engineering and Seismology	1	1	3	1
433			Ground Engineering	3	2	2	2
434			Hydraulics and River Engineering	3	3	3	0
435			Traffic Engineering and Regional Planning	1	1	1	2
436			Civil Environmental System	3	0	1	0
			Civil Engineering total	12	7	10	5
441		N	Building Structure and Materials	3	0	6	1
442			Building Science and Building Equipment	1	1	2	1
443			City Planning and Building Planning	5	7	7	2
444			Architectural History and Design	0	3	3	0
			Architecture total	9	11	18	4
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	1	6	1
453			Composed Materials and Properties	1	0	1	0
454		E	Structural and Functional Materials	0	1	0	0
455			Metallurgy and Material	0	1	3	0
456			Metal Productive Engineering	0	0	2	0
			Material Engineering total	3	3	12	1
461		I	Chemical Engineering in General	0	0	5	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	2	2	2	1
465			Industrial Analytical Chemistry	1	0	1	1
			Process Engineering total	3	2	9	2
471			Industrial Physical Chemistry	0	2	3	0
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	0	1	0	0
474			Synthetic Chemistry	1	1	1	1
475			Polymer Synthesis	2	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	2	0
			Industrial Chemistry total	4	4	7	1
481			Aeronautics	0	0	2	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	1	0	2	0
484			Resource Development Engineering	2	1	2	1
			Synthetic Engineering total	3	1	6	1
			ENGINEERING Total	57	59	153	45
501	A	G	Plant Breeding	1	0	1	0
502			Crop Science	0	1	0	0
503			Horticulture and Landscape Architecture	3	1	0	0
504			Plant Protection	1	2	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	5	4	1	0
511		R	Plant Fertilizer and Manure and Soil Science	2	0	2	0
512			Applied Microbiochemistry and Applied Biochemistry	1	3	5	2
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0
514			Food Science and Nutritional Chemistry	2	2	0	0

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425	E		System Engineering	18	2	5	26
427			Electronic Measurements	38	10	10	48
428			Control Engineering	20	4	5	28
			Electric and Electronic Engineering	242	67	66	350
431			Construction Materials and Dynamics in General Civil Engineering	10	3	4	14
432			Structural Engineering and Seismology	21	5	6	26
433			Ground Engineering	8	3	3	20
434			Hydraulics and River Engineering	15	6	5	27
435			Traffic Engineering and Regional Planning	12	2	6	21
436			Civil Environmental System	4	2	3	10
			Civil Engineering total	70	21	27	118
441		N	Building Structure and Materials	26	5	10	39
442			Building Science and Building Equipment	17	6	6	28
443		G	City Planning and Building Planning	23	3	18	49
444		I	Architectural History and Design	3	0	4	11
			Architecture total	69	14	38	127
451		N	Physical Metallurgy	8	0	2	9
452			Inorganic Materials and	12	8	8	21
453		E	Composed Materials and Properties	7	2	2	10
454		E	Structural and Functional Materials	7	1	3	11
455		R	Metallurgy and Material	13	7	1	18
456			Metal Productive Engineering	5	0	2	7
			Material Engineering total	52	18	18	76
461		N	Chemical Engineering in General	9	4	1	14
462			Reaction and Separation Engineering	2	3	1	5
463			Catalyst and Chemical Process	3	1	0	4
464			Bioengineering	6	1	2	12
465			Industrial Analytical Chemistry	8	0	1	8
			Process Engineering total	28	9	5	43
471			Industrial Physical Chemistry	7	2	1	10
472			Industrial Inorganic Chemistry	4	1	1	6
473			Industrial Organic Chemistry	1	1	1	4
474			Synthetic Chemistry	6	2	2	12
475			Polymer Synthesis	4	0	2	7
476			Polymer Structure and Property (inclu. Fiber)	11	1	3	15
			Industrial Chemistry total	33	7	10	54
481			Aeronautics	3	2	3	5
482			Ship Engineering	2	0	0	2
483			Marine Engineering	3	2	1	5
484			Resource Development Engineering	3	1	1	7
			Synthetic Engineering total	11	5	5	19
			ENGINEERING Total	725	198	225	1,110
501	A G R I C U L T U R E		Plant Breeding	3	1	2	5
502			Crop Science	1	0	0	2
503			Horticulture and Landscape Architecture	4	0	1	9
504			Plant Protection	7	1	3	10
505			Sericultural Science and Economic Entomology	2	0	0	2
			Agriculture total	17	2	6	28
511			Plant Fertilizer and Manure and Soil Science	1	1	0	4
512			Applied Microbiochemistry and Applied Biochemistry	17	6	10	35
513			Biological Productive Chemistry and Bioorganic Chemistry	5	3	3	7
514			Food Science and Nutritional Chemistry	14	5	20	39

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	A		Agricultural Chemistry total	5	5	7	2
521			Forestry	1	0	0	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	0	0	0
531	R		Fisheries in General	1	2	6	1
532			Fisheries Chemistry	0	1	1	0
			Fisheries total	1	3	7	1
541	I		Agricultural Economics	0	3	1	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	1	0	0	1
561	T		Animal Science and Grassland Science	0	2	0	1
562	U		Applied Animal Science	0	2	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	1	1	2
564			Applied Veterinary Medicine	2	1	3	1
	E		Animal Science·Veterinary Medicine total	4	6	4	4
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	1	0	2	0
			Interdisciplinary Agricultural Science total	1	0	2	0
			AGRICULTURE Total	18	21	22	12
601			Anatomy in General (inclu. Histology, Embryology)	2	1	6	0
602			Physiology in General	2	3	4	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	3	1
604			Pharmacology in General	6	2	4	1
605			Medical Chemistry in General	3	2	0	0
606			Pathological Medical Chemistry	0	4	2	0
			Physiology total	13	13	19	2
611	M		Hominal Pathology	6	3	3	0
612	E		Experimental Pathology	1	4	2	0
613	D		Parasitology (inclu. Medical Zoology)	3	0	1	1
614			Bacteriology (inclu. Eumycetes)	5	2	4	2
615	I		Virology	2	1	1	1
616			Immunology	4	5	5	2
			Pathology total	21	15	16	6
621	C		Hygiene	5	1	8	6
622	I		Public Health and Health Science	11	6	3	6
623			Legal Medicine	1	2	2	0
			Social Medicine total	17	9	13	12
631	N		Internal Medicine in General	6	8	2	1
632	E		Gastroenterology	2	1	3	1
633			Internal Medicine Respiratory System	1	4	2	1
634			Neurological Medicine	4	4	2	2
635			Cardioangiopathy	10	8	3	1
636			Pediatrics	12	9	4	1
637			Dermatology	5	2	2	0
638			Radiology	4	7	5	3
639			Neuropsychiatry	4	3	3	2
641			Hematology	2	3	4	1
642			Internal Medicine of Kidney	4	6	0	1
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	2	1	0
			Internal Medicine total	56	57	32	14
651			Surgery in General	10	3	3	0
652			Gastroenterological Surgery	4	3	3	0
653			Thoracic Surgery	3	1	0	1

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			Agricultural Chemistry total	37	15	33	85
521	A		Forestry	2	1	2	4
522	G		Wood Science	2	0	0	2
			Forestry total	4	1	2	6
531	R		Fisheries in General	12	1	6	20
532			Fisheries Chemistry	5	0	2	6
			Fisheries total	17	1	8	26
541	I		Agricultural Economics	5	1	2	11
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	2	3	6
552	U		Agricultural Machinery	4	1	1	6
553	L		Biological Environment	0	1	1	2
			Agricultural Engineering total	6	4	5	14
561	T		Animal Science and Grassland Science	0	0	0	3
562	U		Applied Animal Science	3	2	1	7
563	R		Basic Veterinary Medicine and Basic Animal Science	12	1	3	17
564			Applied Veterinary Medicine	7	0	2	14
	E		Animal Science·Veterinary Medicine total	22	3	6	41
571			Biological Resource Science	2	0	1	3
572			Applied Molecular Cell Biology	3	1	1	6
			Interdisciplinary Agricultural Science total	5	1	2	9
			AGRICULTURE Total	113	28	64	220
601			Anatomy in General (inclu. Histology, Embryology)	18	1	11	32
602			Physiology in General	13	4	15	35
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	13	1	8	23
604			Pharmacology in General	15	9	17	42
605			Medical Chemistry in General	9	2	7	20
606			Pathological Medical Chemistry	6	1	2	13
			Physiology total	74	18	60	165
611	M		Hominal Pathology	8	2	25	35
612	E		Experimental Pathology	5	1	6	17
613	D		Parasitology (inclu.Medical Zoology)	6	0	3	11
614			Bacteriology (inclu. Eumycetes)	14	3	7	27
615	I		Virology	4	2	3	9
616			Immunology	10	3	7	23
			Pathology total	47	11	51	122
621	C		Hygiene	16	5	16	36
622	I		Public Health and Health Science	23	1	25	53
623			Legal Medicine	6	1	9	20
			Social Medicine total	45	7	50	109
631	N		Internal Medicine in General	13	3	13	38
632	E		Gastroenterology	9	4	29	41
633			Internal Medicine Respiratory System	12	2	14	26
634			Neurological Medicine	9	1	11	24
635			Cardioangiology	17	7	31	59
636			Pediatrics	12	5	28	49
637			Dermatology	3	2	6	16
638			Radiology	24	7	15	48
639			Neuropsychiatry	9	7	16	34
641			Hematology	12	4	11	28
642			Internal Medicine of Kidney	7	1	14	28
643			Embryology and Newborn	0	1	2	3
644			Endocrinology	2	3	7	12
645			Metabolic Science	4	1	12	18
			Internal Medicine total	133	48	209	424
651			Surgery in General	10	2	31	43
652			Gastroenterological Surgery	15	2	19	38
653			Thoracic Surgery	10	1	11	23

Table 46. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	7	3	3	0
655			Orthopedic Surgery	2	7	3	1
656			Anesthesiology and Rescue Medicine	1	0	4	0
657			Urology	5	4	1	2
658			Obstetrics and Gynecology	3	4	0	0
659			Oto-rhino-laryngology	2	4	1	0
660			Ophthalmology	0	2	0	1
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	1	0	1	1
			Surgery total	38	31	19	6
671	E		Oral Anatomy and Morphological Basic Dentistry	3	2	6	1
672	D		Functional Basic Dentistry	1	1	4	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	5	0
674	C		Conservative Dentistry	3	5	3	0
675			Prosthodontics and Dental Technology	4	6	8	1
676	I		Oral Surgery	1	5	7	1
677	N		Orthodontics, Pedodontics and Social Dentistry	4	6	5	1
678			Periodontological Dentistry	0	3	1	1
	E		Dentistry total	17	29	39	5
681			Chemical Pharmaceuticals	9	1	7	1
682			Physical Pharmaceuticals	8	7	5	4
683			Biopharmaceutics	7	5	3	2
684			Molecular Pharmaceuticals	4	2	3	2
685			Environmental Pharmaceuticals	1	0	0	0
			Pharmaceutics total	29	15	18	9
691			Medical Sociology	2	2	4	1
692			Human Genetics	3	2	5	0
693			Applied Pharmacology and Medical Pharmacology	0	1	1	0
694			Pathological Examination	3	0	3	0
696			Science of Basic and Local Nursing	1	0	1	1
697			Science of Clinical Nursing	0	0	8	0
			Medicine in General total	9	5	22	2
	MEDICINE Total			200	174	178	56
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	0	2	1
703			Physical Education	8	7	7	2
704			Human Geography	3	3	1	0
705			Physical Geography	0	3	2	1
			Geography total	3	6	3	1
706			Home Science(inclu. Cloth/Living Environments)	5	3	2	0
707			Food Culture	3	4	1	0
			Domestic Science total	8	7	3	0
708			Science of Cultural Property	1	2	0	0
711			Science Education	0	1	2	0
712	A R E A		Educational Engineering	2	1	8	0
713			Curriculum Studies	1	3	3	0
714			Japanese Language Education	2	2	2	2
			Science Education·Curriculum Education total	5	7	15	2
721			Statistics	3	1	4	0
731			Computer Science	5	5	14	4
732			Intelligent Informatics	3	4	23	4
733			Study of Information System (Inclu. Library and Information Science)	2	3	11	2
			Information Science total	10	12	48	10
741	I		Social System Engineering	6	1	13	5
751			Natural Disaster Science	1	1	1	1
761			Plasma Science and Technology	1	1	2	1
772			Nuclear Fusion	0	0	1	0

Table 46. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	10	4	24	34
655			Orthopedic Surgery	20	7	29	56
656			Anesthesiology and Rescue Medicine	10	1	16	28
657			Urology	12	5	15	29
658			Obstetrics and Gynecology	5	4	25	32
659			Oto-rhino-laryngology	8	1	14	24
660			Ophthalmology	7	2	17	25
661			Pediatric Surgery	2	0	4	6
662			Formative Surgery	9	1	10	17
			Surgery total	118	30	215	355
671	E		Oral Anatomy and Morphological Basic Dentistry	26	3	9	40
672	D		Functional Basic Dentistry	22	2	8	32
673	I		Morbid Dentistry (inclu. Dental Radiology)	15	3	9	28
674	C		Conservative Dentistry	31	2	13	47
675			Prosthodontics and Dental Technology	49	1	26	79
676	I		Oral Surgery	32	4	21	60
677	N		Orthodontics, Pedodontics and Social Dentistry	39	3	21	65
678			Periodontological Dentistry	10	1	4	17
	E		Dentistry total	224	19	111	368
681			Chemical Pharmaceutics	37	9	11	66
682			Physical Pharmaceutics	21	8	10	38
683			Biopharmaceutics	51	6	13	71
684			Molecular Pharmaceutics	14	3	8	27
685			Environmental Pharmaceutics	10	0	2	11
			Pharmaceutics total	133	26	44	213
691			Medical Sociology	11	2	5	24
692			Human Genetics	5	2	5	17
693			Applied Pharmacology and Medical Pharmacology	12	4	6	21
694			Pathological Examination	6	2	4	12
696			Science of Basic and Local Nursing	8	1	5	16
697			Science of Clinical Nursing	7	0	6	16
			Medicine in General total	49	11	31	106
	MEDICINE Total			823	170	771	1,862
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)	4	1	1	9
703			Physical Education	32	5	31	79
704			Human Geography	8	0	3	15
705			Physical Geography	4	0	4	12
			Geography total	12	0	7	27
706			Home Science(inclu. Cloth/Living Environments)	8	3	14	33
707			Food Culture	18	2	14	36
			Domestic Science total	26	5	28	69
708			Science of Cultural Property	0	0	0	2
711			Science Education	5	1	4	11
712	A R E A		Educational Engineering	19	4	10	30
713			Curriculum Studies	15	0	19	34
714			Japanese Language Education	8	2	6	16
			Science Education·Curriculum Education total	47	7	39	91
721			Statistics	12	0	3	17
731	I		Computer Science	45	8	16	68
732			Intelligent Informatics	60	17	22	95
733			Study of Information System (Inclu. Library and Information Science)	41	9	20	63
			Information Science total	146	34	58	226
741			Social System Engineering	44	8	16	65
751			Natural Disaster Science	2	1	2	4
761			Plasma Science and Technology	8	3	1	11
772			Nuclear Fusion	3	0	3	6

Table 46. Number of Researchers Who Have Spoken at 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
773	N		Energy Science General	1	0	1	2
774			Nuclear Power Science	0	1	1	0
	E		Energy total	1	1	3	2
801	R		Environmental Dynamic Analysis	5	3	0	4
802			Environmental Influence Assessment (inclu. Radiobiology)	4	3	3	0
803	S		Environmental Preservation	5	3	0	4
			Environmental Science total	14	9	3	8
811	I		Biological Organic Chemistry	0	0	2	0
812			Structured Biochemistry	1	0	1	0
813	L		Functional Biochemistry	2	5	7	0
			Biological Chemistry total	3	5	10	0
821	N		Biophysics	0	1	3	1
822			Molecular Biology	5	3	7	1
823	R		Cell Biology	5	3	7	2
824			Developmental Biology	0	0	3	0
			Basic Biology total	10	7	20	4
831	A		Neuroanatomy and Neuropathology	2	1	3	1
832			Neurochemistry and Neuropharmacology	3	0	3	2
833	E		Neuro Science in General	7	4	13	1
834			Neuro and Muscular Physiology	3	4	4	2
			Neuro Science (inclu. Brain Science) total	15	9	23	6
841			Laboratory Animal Science	0	0	1	0
851			Medical Organism Engineering and Material Science of Organism	5	7	15	3
	INTERDISCIPLINARY AREA Total			95	83	173	46
999	WIDE AREA Total			22	16	17	3
	Item n.a. Total			297	307	401	93
	Grand Total			1,065	1,012	1,248	324

Table 46. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	2	4	1	7
774			Nuclear Power Science	1	1	1	4
	E		Energy total	6	5	5	17
801	R		Environmental Dynamic Analysis	14	5	6	24
802			Environmental Influence Assessment (inclu. Radiobiology)	8	4	5	18
803	I		Environmental Preservation	21	7	6	31
	S		Environmental Science total	43	16	17	73
811	I		Biological Organic Chemistry	9	0	2	11
812			Structured Biochemistry	9	2	2	13
813	P		Functional Biochemistry	11	1	7	25
	L		Biological Chemistry total	29	3	11	49
821	N		Biophysics	7	1	4	13
822	A		Molecular Biology	22	7	10	39
823			Cell Biology	9	2	5	25
824	R		Developmental Biology	4	2	0	8
	Y		Basic Biology total	42	12	19	85
831	A		Neuroanatomy and Neuropathology	5	2	7	15
832			Neurochemistry and Neuropharmacology	9	1	4	17
833			Neuro Science in General	13	8	13	32
834			Neuro and Muscular Physiology	8	3	8	23
			Neuro Science (inclu. Brain Science) total	35	14	32	87
841			Laboratory Animal Science	2	1	2	4
851			Medical Organism Engineering and Material Science of Organism	33	6	16	62
	INTERDISCIPLINARY AREA Total			523	121	288	977
999	WIDE AREA Total			43	14	32	117
	Item n.a. Total			1,529	308	976	3,066
	Grand Total			4,709	998	2,885	9,375

Table 47. Total Number of Times Speaking at 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
211	ARTS • HUMANITIES		Philosophy	21	16	14	0
212			Chinese Philosophy	8	11	4	0
213			Indian Philosophy (inclu. Buddhist Studies)	21	38	14	0
214			Religion	29	13	8	3
215			Ethics	13	5	2	2
216			History of Philosophy	5	9	3	0
217			Aesthetics (inclu. Arts)	51	73	17	11
218			Art History	4	3	2	1
			Philosophy total	152	168	64	17
221			Experimental Psychology	6	5	91	7
222			Educational and Social	39	24	97	6
223			Sociology	98	108	55	8
224			Education	59	44	52	13
225			Cultural Anthropology (inclu. Ethnology and Folklore)	33	12	36	11
		Psychology•Sociology•Education Cultural Anthropology total	235	193	331	45	
231			Japanese History	11	4	11	0
232			Oriental History	29	24	21	3
233			European History	5	12	7	1
234			Archaeology (inclu. Prehistory)	8	9	24	0
		History total	53	49	63	4	
241			Japanese Language	10	20	14	10
242			Japanese Literature	24	27	12	2
243			Chinese Language and Literature	44	18	14	1
244			English Language and Literature	27	34	41	4
245			French Language and Literature	7	6	12	3
246			German Language and Literature	7	11	4	1
247			Other Foreign Languages and Literatures	43	21	17	0
248			Linguistics and Phonetics	36	66	42	25
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	7	3	2
		Literature total	204	210	159	48	
	ARTS•HUMANITIES Total			644	620	617	114
261	LAW		Basic Science of Law	14	14	6	0
262			Public Law	8	5	2	2
263			International Law	10	21	7	6
264			Civil Law	24	9	3	4
265			Social Law	2	0	4	1
266			Criminal Law	7	3	0	0
267			Politics	53	54	21	11
	LAW Total			118	106	43	24
271	ECONOMICS		General Theory of Economics	16	15	48	7
272			Economical Statistics	4	3	18	1
273			Economic Policy (inclu. Economic Condition)	40	47	34	28
274			Economic History	2	10	11	0
275			Public Finance, Money and Banking	16	14	7	33
276			Commercial Science	6	5	10	0
277			Business Administration	76	25	37	5
278			Accounting	6	11	11	0
	ECONOMICS Total			166	130	176	74
301	SCIENCE		Algebra	23	23	74	0
302			Geometry	29	7	72	14
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	25	28	157	5
305			Basic Analysis	4	12	109	1
306			Larger-area Analysis	13	18	59	2
		Mathematics total	94	88	471	22	
311		Astronomy	15	16	67	4	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	55	34	216	28	

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subd ivision	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS・HUMANITIES		Philosophy	19	4	16	90
212			Chinese Philosophy	10	2	14	49
213			Indian Philosophy (inclu. Buddhist Studies)	25	5	16	119
214			Religion	31	2	9	95
215			Ethics	6	0	8	36
216			History of Philosophy	16	2	19	54
217			Aesthetics (inclu. Arts)	48	18	82	300
218			Art History	5	5	1	21
			Philosophy total	160	38	165	764
221			Experimental Psychology	65	12	56	242
222			Educational and Social	125	29	147	466
223			Sociology	123	16	55	463
224			Education	75	20	114	377
225			Cultural Anthropology (inclu. Ethnology and Folklore)	31	10	37	170
		Psychology・Sociology・Education Cultural Anthropology total	419	87	409	1,718	
231			Japanese History	8	4	19	57
232			Oriental History	13	4	25	119
233			European History	8	3	16	52
234			Archaeology (inclu. Prehistory)	5	1	14	59
		History total	34	12	74	287	
241			Japanese Language	14	1	13	82
242			Japanese Literature	25	5	20	115
243			Chinese Language and Literature	28	3	44	152
244			English Language and Literature	143	22	63	333
245			French Language and Literature	15	2	9	54
246			German Language and Literature	11	2	2	38
247			Other Foreign Languages and Literatures	60	5	44	190
248			Linguistics and Phonetics	110	16	104	399
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	15	3	14	49
		Literature total	421	59	313	1,412	
	ARTS・HUMANITIES Total			1,034	196	961	4,181
261	LAW	Basic Science of Law	18	14	6	72	
262		Public Law	4	5	1	27	
263		International Law	16	9	9	77	
264		Civil Law	14	6	8	68	
265		Social Law	1	2	2	12	
266		Criminal Law	2	0	4	16	
267		Politics	57	31	29	256	
	LAW Total	112	67	59	528		
271	ECONOMICS	General Theory of Economics	59	15	39	199	
272		Economical Statistics	8	6	4	44	
273		Economic Policy (inclu. Economic Condition)	54	16	44	263	
274		Economic History	12	3	1	39	
275		Public Finance, Money and Banking	12	2	6	90	
276		Commercial Science	16	7	7	51	
277		Business Administration	74	15	66	298	
278		Accounting	44	4	15	91	
	ECONOMICS Total			279	68	182	1,075
301	SCIENCE	Algebra	27	2	25	174	
302		Geometry	6	2	22	146	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	70	28	57	370	
305		Basic Analysis	31	6	37	200	
306		Larger-area Analysis	22	5	12	131	
		Mathematics total	156	43	153	1,021	
311		Astronomy	53	14	28	197	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Phvsics	117	40	81	571	

Table 47. Total Number of Times Speaking at 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	16	24	101	12
323			Solid-State Physics II (Magnetism, Metal Physics,	15	24	119	15
324			Physical Properties in General (inclu. Basic Theories)	23	12	67	4
325			Physics in General	9	17	73	4
			Physics total	118	111	576	63
331			Physics of Solid Earth	1	7	64	1
332			Meteorology, Oceanography and Hydrology	34	21	71	14
333			Aeronomy	3	17	29	4
334			Geology	7	9	41	12
335			Stratigraphy and Paleontology	4	2	17	1
336			Mineralogy, Petrology and Study of Mineral Deposit	6	15	54	1
337			Geochemistry	5	3	36	3
			Earth Science total	60	74	312	36
341			Physical Chemistry	26	16	110	9
342			Organic Chemistry	15	7	112	11
343			Inorganic Chemistry	0	17	24	7
344			Function, Properties and Materials in Chemistry	28	16	42	17
345			Substance Transformation	0	2	33	6
346			Separation, Refining and Identification	12	0	25	2
			Chemistry total	81	58	346	52
351			Genetics	10	14	39	6
352			Ecology	20	21	108	4
353			Plant Physiology	9	18	30	19
354			Morphology, Structure of Organism	8	6	34	3
355			Animal Physiology and	13	7	53	4
356			Morphology and Taxonomy	4	3	23	2
			Biology total	64	69	287	38
361			Physical Anthropology (inclu. Physiological Anthropology)	11	2	33	0
	SCIENCE Total			443	418	2,092	215
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	23	15	39	9
402			Surface Physics	8	1	34	5
403			Applied Optics and Quantum Optics	10	4	88	18
404			General Applied Physics	2	0	26	1
405			Fundamentals of Engineering	2	2	40	0
			Applied Physics·Fundamentals of Engineering total	45	22	227	33
411			Materials for Machines and Strength of Materials	10	13	51	7
412			Workshop Processes and Production Engineering	114	19	34	8
413			Design Engineering, Machine Elements and Tribology	0	6	33	0
414			Fluid Mechanics	4	17	54	11
415			Heat Engineering	5	11	56	15
416			Mechanics and Control Engineering	5	6	61	2
417			Intelligent Mechanics and Machine System	13	5	113	17
			Machine Engineering total	151	77	402	60
421			Electric Power Engineering and Electric Machinery	9	4	107	2
422			Electronic and Electric Materials Engineering	5	50	110	46
423			Electron Devices and Apparatus Engineering	23	59	115	22
424			Information and Communication Engineering	25	18	151	59

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	140	76	102	468
323			Solid-State Physics II (Magnetism, Metal Physics,	60	27	92	352
324			Physical Properties in General (inclu. Basic Theories)	59	22	46	233
325			Physics in General	50	22	42	217
			Physics total	426	187	363	1,841
331			Physics of Solid Earth	47	26	40	186
332			Meteorology, Oceanography and Hydrology	80	52	44	316
333			Aeronomy	15	10	1	79
334			Geology	15	10	52	146
335			Stratigraphy and Paleontology	5	6	25	60
336			Mineralogy, Petrology and Study of Mineral Deposit	13	13	16	118
337			Geochemistry	14	5	17	83
			Earth Science total	189	122	195	988
341			Physical Chemistry	104	55	104	424
342			Organic Chemistry	41	38	49	273
343			Inorganic Chemistry	38	15	29	130
344			Function, Properties and Materials in Chemistry	59	101	47	310
345			Substance Transformation	14	6	4	65
346			Separation, Refining and Identification	36	19	21	115
			Chemistry total	292	234	254	1,317
351			Genetics	13	7	23	112
352			Ecology	28	16	71	268
353			Plant Physiology	28	9	24	137
354			Morphology, Structure of Organism	17	12	20	100
355			Animal Physiology and	15	21	20	133
356			Morphology and Taxonomy	17	6	33	88
			Biology total	118	71	191	838
361			Physical Anthropology (inclu. Physiological Anthropology)	17	7	15	85
	SCIENCE Total			1,251	678	1,199	6,287
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	71	39	36	232
402			Surface Physics	36	24	10	118
403			Applied Optics and Quantum Optics	68	72	33	293
404			General Applied Physics	101	42	12	184
405			Fundamentals of Engineering	27	21	29	121
			Applied Physics·Fundamentals of Engineering total	303	198	120	948
411			Materials for Machines and Strength of Materials	147	138	104	470
412			Workshop Processes and Production Engineering	82	57	31	345
413			Design Engineering, Machine Elements and Tribology	42	49	22	152
414			Fluid Mechanics	80	144	75	383
415			Heat Engineering	54	99	42	282
416			Mechanics and Control Engineering	100	101	72	347
417			Intelligent Mechanics and Machine System	188	104	103	543
			Machine Engineering total	693	692	449	2,522
421			Electric Power Engineering and Electric Machinery	135	160	95	512
422			Electronic and Electric Materials Engineering	239	169	52	671
423			Electron Devices and Apparatus Engineering	215	137	66	634
424			Information and Communication Engineering	317	267	91	928

Table 47. Total Number of Times Speaking at 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
425	E		System Engineering	6	11	24	4
427			Electronic Measurements	3	2	48	12
428			Control Engineering	5	8	60	18
			Electric and Electronic Engineering	76	152	615	163
431			Construction Materials and Dynamics in General Civil Engineering	5	3	17	0
432			Structural Engineering and Seismology	3	8	28	4
433			Ground Engineering	15	7	26	7
434			Hydraulics and River Engineering	8	12	50	1
435			Traffic Engineering and Regional Planning	10	6	26	9
436			Civil Environmental System	8	4	25	4
			Civil Engineering total	49	40	172	25
441		N	Building Structure and Materials	12	3	50	1
442			Building Science and Building Equipment	8	11	31	3
443			City Planning and Building Planning	22	38	47	3
444		I	Architectural History and Design	8	7	13	0
			Architecture total	50	59	141	7
451		N	Physical Metallurgy	4	3	46	8
452			Inorganic Materials and	8	12	110	11
453			Composed Materials and Properties	4	19	39	0
454		E	Structural and Functional Materials	3	9	65	4
455		R	Metallurgy and Material	8	6	38	8
456			Metal Productive Engineering	0	0	10	1
			Material Engineering total	27	49	308	32
461		I	Chemical Engineering in General	2	2	36	6
462			Reaction and Separation Engineering	1	0	15	3
463			Catalyst and Chemical Process	4	2	15	6
464			Bioengineering	15	7	58	13
465			Industrial Analytical Chemistry	15	3	36	5
			Process Engineering total	37	14	160	33
471			Industrial Physical Chemistry	6	15	35	5
472			Industrial Inorganic Chemistry	1	1	32	18
473			Industrial Organic Chemistry	12	3	14	7
474			Synthetic Chemistry	3	7	52	10
475			Polymer Synthesis	5	1	45	2
476			Polymer Structure and Property (inclu. Fiber)	24	10	53	3
			Industrial Chemistry total	51	37	231	45
481			Aeronautics	2	12	48	7
482			Ship Engineering	0	0	21	2
483			Marine Engineering	5	2	15	0
484			Resource Development Engineering	2	5	40	37
			Synthetic Engineering total	9	19	124	46
	ENGINEERING Total			495	469	2,380	444
501	A G R I C U L T U R E		Plant Breeding	8	3	14	3
502			Crop Science	3	3	8	0
503			Horticulture and Landscape Architecture	17	19	18	3
504			Plant Protection	6	4	34	5
505			Sericultural Science and Economic Entomology	3	0	5	4
			Agriculture total	37	29	79	15
511			Plant Fertilizer and Manure and Soil Science	10	5	30	2
512			Applied Microbiochemistry and Applied Biochemistry	28	18	66	19
513			Biological Productive Chemistry and Bioorganic Chemistry	5	5	28	1
514			Food Science and Nutritional Chemistry	17	22	9	3

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	41	18	36	140
427			Electronic Measurements	97	95	53	309
428			Control Engineering	50	70	49	260
			Electric and Electronic Engineering	1,094	916	442	3,454
431			Construction Materials and Dynamics in General Civil Engineering	20	34	6	85
432			Structural Engineering and Seismology	81	70	41	235
433			Ground Engineering	53	93	33	234
434			Hydraulics and River Engineering	52	102	28	253
435			Traffic Engineering and Regional Planning	40	49	26	166
436			Civil Environmental System	24	44	31	140
			Civil Engineering total	270	392	165	1,113
441		N	Building Structure and Materials	72	61	38	237
442			Building Science and Building Equipment	81	52	35	221
443		G	City Planning and Building Planning	51	20	59	240
444		I	Architectural History and Design	4	4	12	48
			Architecture total	208	137	144	746
451		N	Physical Metallurgy	33	28	16	138
452			Inorganic Materials and	49	118	27	335
453		E	Composed Materials and Properties	27	19	7	115
454		E	Structural and Functional Materials	35	72	17	205
455		R	Metallurgy and Material	47	207	10	320
456			Metal Productive Engineering	23	15	20	69
			Material Engineering total	214	459	97	1,182
461		G	Chemical Engineering in General	34	50	12	142
462			Reaction and Separation Engineering	13	60	8	100
463			Catalyst and Chemical Process	9	62	8	106
464			Bioengineering	35	69	23	220
465			Industrial Analytical Chemistry	68	29	10	166
			Process Engineering total	159	270	61	734
471			Industrial Physical Chemistry	38	43	11	153
472			Industrial Inorganic Chemistry	20	13	14	99
473			Industrial Organic Chemistry	14	9	5	64
474			Synthetic Chemistry	57	41	29	199
475			Polymer Synthesis	21	58	24	156
476			Polymer Structure and Property (inclu. Fiber)	49	48	38	225
			Industrial Chemistry total	199	212	121	896
481			Aeronautics	29	28	34	160
482			Ship Engineering	7	34	16	80
483			Marine Engineering	68	14	3	107
484			Resource Development Engineering	25	31	4	144
			Synthetic Engineering total	129	107	57	491
	ENGINEERING Total			3,269	3,383	1,656	12,086
501	A G R I C U L T U R E		Plant Breeding	6	6	37	77
502			Crop Science	5	9	8	36
503			Horticulture and Landscape Architecture	24	36	50	166
504			Plant Protection	26	20	38	133
505			Sericultural Science and Economic Entomology	2	5	3	22
			Agriculture total	63	76	136	434
511			Plant Fertilizer and Manure and Soil Science	15	25	17	104
512			Applied Microbiochemistry and Applied Biochemistry	54	89	52	326
513			Biological Productive Chemistry and Bioorganic Chemistry	18	27	21	105
514			Food Science and Nutritional Chemistry	60	92	61	264

Table 47. Total Number of Times Speaking at 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
	A		Agricultural Chemistry total	60	50	133	25
521			Forestry	9	11	19	1
522	G		Wood Science	13	16	69	4
			Forestry total	22	27	88	5
531	R		Fisheries in General	23	38	85	9
532			Fisheries Chemistry	6	3	14	3
			Fisheries total	29	41	99	12
541	I		Agricultural Economics	26	25	16	9
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	17	2	19	1
552	U		Agricultural Machinery	1	3	14	0
553	L		Biological Environment	0	1	5	5
			Agricultural Engineering total	18	6	38	6
561	T		Animal Science and Grassland Science	3	10	2	4
562	U		Applied Animal Science	3	3	12	0
563	R		Basic Veterinary Medicine and Basic Animal Science	6	5	38	2
564			Applied Veterinary Medicine	12	5	18	3
	E		Animal Science·Veterinary Medicine total	24	23	70	9
571			Biological Resource Science	4	4	23	3
572			Applied Molecular Cell Biology	1	0	21	0
			Interdisciplinary Agricultural Science total	5	4	44	3
			AGRICULTURE Total	221	205	567	84
601			Anatomy in General (inclu. Histology, Embryology)	17	10	42	1
602			Physiology in General	9	20	52	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	9	1	44	3
604			Pharmacology in General	32	20	40	7
605			Medical Chemistry in General	18	35	33	0
606			Pathological Medical Chemistry	29	11	33	6
	M		Physiology total	114	97	244	19
611			Hominal Pathology	20	20	21	7
612	E		Experimental Pathology	6	15	18	0
613	D		Parasitology (inclu. Medical Zoology)	7	1	15	4
614			Bacteriology (inclu. Eumycetes)	20	22	21	4
615	I		Virology	9	19	32	5
616			Immunology	16	20	35	8
	C		Pathology total	78	97	142	28
621			Hygiene	10	4	19	14
622	I		Public Health and Health Science	32	23	53	13
623			Legal Medicine	2	8	12	2
	N		Social Medicine total	44	35	84	29
631			Internal Medicine in General	20	22	25	4
632	E		Gastroenterology	13	16	34	6
633			Internal Medicine Respiratory System	6	8	7	1
634			Neurological Medicine	21	22	23	4
635			Cardioangiopathy	52	45	59	13
636			Pediatrics	31	22	33	4
637			Dermatology	24	4	13	0
638			Radiology	19	17	47	17
639			Neuropsychiatry	22	5	41	5
641			Hematology	23	15	28	5
642			Internal Medicine of Kidney	18	31	11	2
643			Embryology and Newborn	1	2	1	0
644			Endocrinology	14	3	5	0
645			Metabolic Science	14	4	4	0
			Internal Medicine total	278	216	331	61
651			Surgery in General	36	20	17	1
652			Gastroenterological Surgery	21	8	7	0
653			Thoracic Surgery	6	6	4	5

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	147	233	151	799
521			Forestry	11	18	39	108
522	G		Wood Science	26	73	26	227
			Forestry total	37	91	65	335
531	R		Fisheries in General	34	29	38	256
532			Fisheries Chemistry	12	13	8	59
			Fisheries total	46	42	46	315
541	I		Agricultural Economics	18	1	9	104
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	34	46	131
552	U		Agricultural Machinery	8	13	11	50
553	L		Biological Environment	5	10	7	33
			Agricultural Engineering total	25	57	64	214
561	T		Animal Science and Grassland Science	9	9	8	45
562	U		Applied Animal Science	29	17	19	83
563	R		Basic Veterinary Medicine and Basic Animal Science	50	16	20	137
564			Applied Veterinary Medicine	20	35	29	122
	E		Animal Science·Veterinary Medicine total	108	77	76	387
571			Biological Resource Science	14	9	6	63
572			Applied Molecular Cell Biology	17	10	5	54
			Interdisciplinary Agricultural Science total	31	19	11	117
			AGRICULTURE Total	475	596	558	2,705
601			Anatomy in General (inclu. Histology, Embryology)	50	20	65	205
602			Physiology in General	47	26	66	222
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	29	12	75	173
604			Pharmacology in General	59	25	98	281
605			Medical Chemistry in General	36	32	49	203
606			Pathological Medical Chemistry	25	7	21	132
	M		Physiology total	246	122	374	1,216
611			Hominal Pathology	30	27	89	214
612	E		Experimental Pathology	19	12	46	116
613	D		Parasitology (inclu. Medical Zoology)	24	0	16	67
614			Bacteriology (inclu. Eumycetes)	53	16	31	167
615	I		Virology	14	9	9	97
616			Immunology	24	20	58	181
	C		Pathology total	164	84	249	842
621			Hygiene	28	22	69	166
622	I		Public Health and Health Science	58	51	131	361
623			Legal Medicine	11	15	34	84
	N		Social Medicine total	97	88	234	611
631	E		Internal Medicine in General	34	30	108	240
632			Gastroenterology	37	29	171	306
633			Internal Medicine Respiratory System	54	18	83	177
634			Neurological Medicine	42	18	86	210
635			Cardioangiology	162	53	249	633
636			Pediatrics	51	18	126	285
637			Dermatology	19	25	28	113
638			Radiology	80	75	52	307
639			Neuropsychiatry	38	16	79	206
641			Hematology	70	59	42	241
642			Internal Medicine of Kidney	29	10	66	167
643			Embryology and Newborn	3	1	10	18
644			Endocrinology	19	15	35	91
645			Metabolic Science	7	66	63	158
			Internal Medicine total	645	433	1,198	3,152
651			Surgery in General	40	20	114	248
652			Gastroenterological Surgery	52	20	139	247
653			Thoracic Surgery	18	8	44	91

Table 47. Total Number of Times Speaking at 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
654	M		Neurosurgery	33	47	14	0
655			Orthopedic Surgery	27	20	16	6
656			Anesthesiology and Rescue Medicine	5	17	45	1
657			Urology	15	19	24	3
658			Obstetrics and Gynecology	21	27	9	0
659			Oto-rhino-laryngology	7	8	13	0
660			Ophthalmology	3	9	11	6
661			Pediatric Surgery	2	4	17	1
662			Formative Surgery	6	0	2	2
			Surgery total	182	185	179	25
671	E		Oral Anatomy and Morphological Basic Dentistry	6	6	38	1
672	D		Functional Basic Dentistry	7	12	49	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	6	1	24	0
674	C		Conservative Dentistry	9	16	29	0
675			Prosthodontics and Dental Technology	15	22	57	7
676	I		Oral Surgery	15	10	41	2
677	N		Orthodontics, Pedodontics and Social Dentistry	7	25	34	1
678	E		Periodontological Dentistry	1	9	35	2
			Dentistry total	66	101	307	14
681			Chemical Pharmaceutics	17	3	34	1
682			Physical Pharmaceutics	24	27	21	5
683			Biopharmaceutics	26	17	30	3
684			Molecular Pharmaceutics	14	5	21	9
685			Environmental Pharmaceutics	1	0	6	0
			Pharmaceutics total	82	52	112	18
691			Medical Sociology	7	5	21	2
692			Human Genetics	8	5	16	9
693			Applied Pharmacology and Medical Pharmacology	1	4	3	0
694			Pathological Examination	13	0	27	0
696			Science of Basic and Local Nursing	4	4	16	6
697			Science of Clinical Nursing	6	4	32	1
			Medicine in General total	39	22	115	18
			MEDICINE Total	883	805	1,514	212
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	4	12	6
703			Physical Education	22	35	73	3
704			Human Geography	7	6	8	0
705			Physical Geography	1	6	16	3
			Geography total	8	12	24	3
706			Home Science (inclu. Cloth/Living Environments)	9	6	25	0
707			Food Culture	7	10	6	0
			Domestic Science total	16	16	31	0
708			Science of Cultural Property	5	7	11	2
711			Science Education	0	10	19	1
712			Educational Engineering	11	7	64	5
713			Curriculum Studies	11	17	28	4
714			Japanese Language Education	8	7	10	3
	A R E A		Science Education·Curriculum Education total	30	41	121	13
721			Statistics	13	6	33	5
731			Computer Science	34	26	215	29
732			Intelligent Informatics	29	12	255	31
733			Study of Information System (Inclu. Library and Information Science)	9	10	125	7
			Information Science total	72	48	595	67
741			Social System Engineering	15	11	79	14
751			Natural Disaster Science	10	12	15	7
761			Plasma Science and Technology	9	10	133	11
772	I		Nuclear Fusion	0	0	32	2

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
654	M		Neurosurgery	40	45	184	363	
655			Orthopedic Surgery	83	47	182	381	
656			Anesthesiology and Rescue Medicine	42	32	133	275	
657			Urology	75	38	151	325	
658			Obstetrics and Gynecology	43	23	107	230	
659			Oto-rhino-laryngology	20	16	56	120	
660			Ophthalmology	21	17	79	146	
661			Pediatric Surgery	4	2	31	61	
662			Formative Surgery	13	1	19	43	
			Surgery total	451	269	1,239	2,530	
671		E		Oral Anatomy and Morphological Basic Dentistry	89	12	59	211
672		D		Functional Basic Dentistry	51	15	31	166
673		I		Morbid Dentistry (inclu. Dental Radiology)	49	7	20	107
674		C		Conservative Dentistry	72	17	37	180
675				Prosthodontics and Dental Technology	137	37	96	371
676		I		Oral Surgery	106	31	125	330
677		N		Orthodontics, Pedodontics and Social Dentistry	91	36	90	284
678				Periodontological Dentistry	16	9	6	78
		E		Dentistry total	611	164	464	1,727
681				Chemical Pharmaceutics	99	35	17	206
682	Physical Pharmaceutics			83	32	19	211	
683	Biopharmaceutics			158	36	23	293	
684	Molecular Pharmaceutics			64	20	18	151	
685	Environmental Pharmaceutics			27	3	4	41	
	Pharmaceutics total		431	126	81	902		
691				Medical Sociology	33	10	25	103
692				Human Genetics	28	18	17	101
693				Applied Pharmacology and Medical Pharmacology	51	21	29	109
694				Pathological Examination	21	15	70	146
696		Science of Basic and Local Nursing		20	5	40	95	
697		Science of Clinical Nursing		39	6	92	180	
		Medicine in General total	192	75	273	734		
	MEDICINE Total			2,837	1,361	4,112	11,714	
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	8	3	3	38	
703			Physical Education	62	38	158	391	
704				Human Geography	10	0	16	47
705				Physical Geography	7	8	27	68
			Geography total	17	8	43	115	
706				Home Science(inclu. Cloth/Living Environments)	18	4	44	106
707				Food Culture	34	3	36	96
			Domestic Science total	52	7	80	202	
708			Science of Cultural Property	10	5	7	47	
711				Science Education	11	2	27	70
712		Educational Engineering		70	33	42	232	
713		Curriculum Studies		29	8	113	209	
714		Japanese Language Education		22	14	31	95	
		Science Education·Curriculum Education total	132	57	213	606		
721		I		Statistics	50	10	22	139
731				Computer Science	184	202	82	772
732			Intelligent Informatics	282	165	102	873	
733				Study of Information System (Inclu. Library and Information Science)	174	81	56	462
				Information Science total	640	448	240	2,107
741	Social System Engineering		108	73	76	376		
751	Natural Disaster Science		16	35	6	101		
761	Plasma Science and Technology		51	62	44	318		
772		Nuclear Fusion	5	12	29	80		

Table 47. Total Number of Times Speaking at 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
773	N		Energy Science General	4	5	14	6
774			Nuclear Power Science	6	5	37	17
	E		Energy total	10	10	83	25
801	R		Environmental Dynamic Analysis	14	12	28	15
802			Environmental Influence Assessment (inclu. Radiobiology)	18	12	21	7
803			Environmental Preservation	31	18	41	23
			Environmental Science total	63	42	90	45
811	I		Biological Organic Chemistry	0	4	24	2
812			Structured Biochemistry	5	4	35	4
813			Functional Biochemistry	6	17	30	5
			Biological Chemistry total	11	25	89	11
821	N		Biophysics	7	17	82	12
822			Molecular Biology	39	39	153	18
823			Cell Biology	8	13	57	8
824			Developmental Biology	4	3	42	0
			Basic Biology total	58	72	334	38
831	A		Neuroanatomy and Neuropathology	8	6	39	9
832			Neurochemistry and Neuropharmacology	7	1	26	6
833			Neuro Science in General	31	28	84	26
834			Neuro and Muscular Physiology	27	25	50	9
			Neuro Science (inclu. Brain Science) total	73	60	199	50
841			Laboratory Animal Science	3	3	8	3
851			Medical Organism Engineering and Material Science of Organism	20	19	149	17
	INTERDISCIPLINARY AREA Total			440	433	2,079	320
999	WIDE AREA Total			72	108	89	33
	Item n.a. Total			1,494	1,516	4,729	798
	Grand Total			4,976	4,810	14,286	2,318

Table 47. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	56	48	20	153
774			Nuclear Power Science	39	43	16	163
	E		Energy total	100	103	65	396
801	R		Environmental Dynamic Analysis	33	51	36	189
802			Environmental Influence Assessment (inclu. Radiobiology)	39	40	26	163
803			Environmental Preservation	86	71	50	320
			Environmental Science total	158	162	112	672
811	I		Biological Organic Chemistry	26	11	12	79
812			Structured Biochemistry	20	7	18	93
813			Functional Biochemistry	47	15	41	161
			Biological Chemistry total	93	33	71	333
821	N		Biophysics	53	15	39	225
822			Molecular Biology	82	54	65	450
823			Cell Biology	33	16	37	172
824			Developmental Biology	15	6	15	85
			Basic Biology total	183	91	156	932
831	A		Neuroanatomy and Neuropathology	19	8	24	113
832			Neurochemistry and Neuropharmacology	40	18	26	124
833			Neuro Science in General	43	43	116	371
834			Neuro and Muscular Physiology	14	24	132	281
			Neuro Science (inclu. Brain Science) total	116	93	298	889
841			Laboratory Animal Science	7	6	4	34
851			Medical Organism Engineering and Material Science of Organism	130	120	69	524
	INTERDISCIPLINARY AREA Total			1,933	1,354	1,667	8,220
999	WIDE AREA Total			110	105	131	646
	Item n.a. Total			6,320	4,205	5,407	24,468
	Grand Total			17,620	12,013	15,932	71,910

Table 48. Total Number of Times Speaking at 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
211	ARTS • HUMANITIES		Philosophy	8	4	11	0
212			Chinese Philosophy	3	3	4	0
213			Indian Philosophy (inclu. Buddhist Studies)	2	0	11	0
214			Religion	1	0	3	2
215			Ethics	10	5	1	1
216			History of Philosophy	2	5	2	0
217			Aesthetics (inclu. Arts)	10	16	7	0
218			Art History	1	2	1	1
		Philosophy total	37	35	40	4	
221			Experimental Psychology	3	3	69	6
222			Educational and Social	9	10	67	6
223			Sociology	12	12	23	1
224			Education	29	26	46	9
225			Cultural Anthropology (inclu. Ethnology and Folklore)	8	5	22	0
		Psychology • Sociology • Education Cultural Anthropology total	61	56	227	22	
231			Japanese History	6	4	6	0
232			Oriental History	15	14	13	3
233			European History	2	2	2	0
234			Archaeology (inclu. Prehistory)	5	5	13	0
		History total	28	25	34	3	
241			Japanese Language	3	5	7	8
242			Japanese Literature	8	5	9	2
243			Chinese Language and Literature	11	2	3	0
244			English Language and Literature	6	4	29	0
245			French Language and Literature	2	2	8	1
246			German Language and Literature	0	5	0	0
247			Other Foreign Languages and Literatures	27	12	12	0
248			Linguistics and Phonetics	11	37	28	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	4	0	2	2
		Literature total	72	72	98	13	
	ARTS • HUMANITIES Total			198	188	399	42
261	LAW		Basic Science of Law	1	4	2	0
262			Public Law	1	3	1	0
263			International Law	3	9	4	2
264			Civil Law	7	0	0	3
265			Social Law	2	0	0	1
266			Criminal Law	3	1	0	0
267			Politics	18	14	8	6
	LAW Total			35	31	15	12
271	ECONOMICS		General Theory of Economics	2	5	16	2
272			Economical Statistics	2	2	14	0
273			Economic Policy (inclu. Economic Condition)	15	14	27	14
274			Economic History	0	3	3	0
275			Public Finance, Money and Banking	6	1	4	0
276			Commercial Science	0	0	5	0
277			Business Administration	13	3	25	3
278			Accounting	0	2	6	0
	ECONOMICS Total			38	30	100	19
301	SCIENCE		Algebra	11	16	52	0
302			Geometry	14	5	65	14
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	6	10	99	2
305			Basic Analysis	3	7	79	1
306			Larger-area Analysis	4	13	47	0
		Mathematics total	38	51	342	17	
311		Astronomy	10	14	66	4	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	48	30	174	26	

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS・HUMANITIES		Philosophy	3	0	4	30
212			Chinese Philosophy	0	1	3	14
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	6	19
214			Religion	6	0	1	13
215			Ethics	0	0	7	24
216			History of Philosophy	0	0	4	13
217			Aesthetics (inclu. Arts)	4	5	28	70
218			Art History	2	1	0	8
			Philosophy total	15	7	53	191
221			Experimental Psychology	6	8	35	130
222			Educational and Social	13	18	67	189
223			Sociology	5	7	9	69
224			Education	11	10	60	191
225			Cultural Anthropology (inclu. Ethnology and Folklore)	4	2	10	51
			Psychology・Sociology・Education Cultural Anthropology total	39	45	181	630
231			Japanese History	0	3	13	32
232			Oriental History	2	2	8	57
233			European History	0	1	11	18
234			Archaeology (inclu. Prehistory)	2	0	8	33
			History total	4	6	40	140
241			Japanese Language	2	1	6	32
242			Japanese Literature	5	3	5	37
243			Chinese Language and Literature	1	1	12	30
244			English Language and Literature	11	9	28	87
245			French Language and Literature	3	1	4	21
246			German Language and Literature	2	1	0	8
247			Other Foreign Languages and Literatures	12	1	24	88
248			Linguistics and Phonetics	18	5	55	154
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	4	0	9	20
			Literature total	58	22	143	477
			ARTS・HUMANITIES Total	116	80	417	1,438
261	LAW		Basic Science of Law	3	1	0	11
262			Public Law	0	2	0	7
263			International Law	1	3	0	22
264			Civil Law	1	0	3	14
265			Social Law	0	2	0	5
266			Criminal Law	0	0	0	4
267			Politics	2	11	13	72
			LAW Total	7	19	16	135
271	ECONOMICS		General Theory of Economics	1	8	7	41
272			Economical Statistics	2	2	1	23
273			Economic Policy (inclu. Economic Condition)	10	5	12	97
274			Economic History	3	1	0	10
275			Public Finance, Money and Banking	1	1	2	15
276			Commercial Science	0	1	1	7
277			Business Administration	6	9	22	81
278			Accounting	1	1	7	17
			ECONOMICS Total	24	28	52	291
301	SCIENCE		Algebra	1	1	14	95
302			Geometry	0	1	22	115
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	21	22	174
305			Basic Analysis	1	5	26	122
306			Larger-area Analysis	2	3	9	78
			Mathematics total	18	31	93	584
311			Astronomy	37	13	28	172
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	66	27	65	436

Table 48. Total Number of Times Speaking at 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	13	23	73	12
323			Solid-State Physics II (Magnetism, Metal Physics,	10	10	98	14
324			Physical Properties in General (inclu. Basic Theories)	14	7	57	4
325			Physics in General	5	5	62	3
			Physics total	90	75	464	59
331			Physics of Solid Earth	1	7	58	1
332			Meteorology, Oceanography and Hydrology	30	18	54	10
333			Aeronomy	0	13	28	4
334			Geology	6	8	33	11
335			Stratigraphy and Paleontology	3	2	12	1
336			Mineralogy, Petrology and Study of Mineral Deposit	5	15	53	1
337			Geochemistry	4	2	34	3
			Earth Science total	49	65	272	31
341			Physical Chemistry	19	10	85	7
342			Organic Chemistry	10	7	104	10
343			Inorganic Chemistry	0	3	21	5
344			Function, Properties and Materials in Chemistry	23	14	37	11
345			Substance Transformation	0	2	33	6
346			Separation, Refining and Identification	3	0	21	0
			Chemistry total	55	36	301	39
351			Genetics	6	12	36	4
352			Ecology	15	18	101	1
353			Plant Physiology	5	10	25	16
354			Morphology, Structure of Organism	7	6	28	3
355			Animal Physiology and	13	4	45	0
356			Morphology and Taxonomy	3	2	23	2
			Biology total	49	52	258	26
361			Physical Anthropology (inclu. Physiological Anthropology)	9	1	28	0
			SCIENCE Total	300	294	1,731	176
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	21	2	33	6
402			Surface Physics	7	1	30	4
403			Applied Optics and Quantum Optics	3	3	79	18
404			General Applied Physics	2	0	21	0
405			Fundamentals of Engineering	1	2	36	0
			Applied Physics·Fundamentals of Engineering total	34	8	199	28
411			Materials for Machines and Strength of Materials	5	5	31	3
412			Workshop Processes and Production Engineering	109	4	27	5
413			Design Engineering, Machine Elements and Tribology	0	6	31	0
414			Fluid Mechanics	2	15	45	9
415			Heat Engineering	4	8	47	8
416			Mechanics and Control Engineering	3	5	56	1
417			Intelligent Mechanics and Machine System	10	5	94	11
			Machine Engineering total	133	48	331	37
421	G		Electric Power Engineering and Electric Machinery	2	2	81	2
422			Electronic and Electric Materials Engineering	4	3	90	17
423			Electron Devices and Apparatus Engineering	9	51	72	14
424			Information and Communication Engineering	23	8	129	54

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	71	61	95	345
323			Solid-State Physics II (Magnetism, Metal Physics,	17	19	62	230
324			Physical Properties in General (inclu. Basic Theories)	23	18	30	153
325			Physics in General	14	19	15	123
			Physics total	191	144	267	1,287
331			Physics of Solid Earth	33	25	36	161
332			Meteorology, Oceanography and Hydrology	10	21	19	162
333			Aeronomy	7	10	1	63
334			Geology	9	8	48	123
335			Stratigraphy and Paleontology	4	5	25	52
336			Mineralogy, Petrology and Study of Mineral Deposit	8	13	14	109
337			Geochemistry	11	5	14	73
			Earth Science total	82	87	157	743
341			Physical Chemistry	51	52	77	301
342			Organic Chemistry	20	33	40	224
343			Inorganic Chemistry	11	13	21	74
344			Function, Properties and Materials in Chemistry	33	92	39	249
345			Substance Transformation	3	6	4	54
346			Separation, Refining and Identification	9	11	12	56
			Chemistry total	127	207	193	958
351			Genetics	3	6	21	88
352			Ecology	13	9	57	214
353			Plant Physiology	15	8	10	89
354			Morphology, Structure of Organism	6	7	12	69
355			Animal Physiology and	8	18	11	99
356			Morphology and Taxonomy	12	5	22	69
			Biology total	57	53	133	628
361			Physical Anthropology (inclu. Physiological Anthropology)	11	5	10	64
			SCIENCE Total	523	540	881	4,436
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	22	31	16	131
402			Surface Physics	11	18	6	77
403			Applied Optics and Quantum Optics	34	68	17	222
404			General Applied Physics	10	9	6	48
405			Fundamentals of Engineering	9	19	23	90
			Applied Physics·Fundamentals of Engineering total	86	145	68	568
411			Materials for Machines and Strength of Materials	29	109	52	234
412			Workshop Processes and Production Engineering	28	49	26	248
413			Design Engineering, Machine Elements and Tribology	14	44	15	110
414			Fluid Mechanics	39	89	66	265
415			Heat Engineering	17	78	30	192
416			Mechanics and Control Engineering	45	78	52	240
417			Intelligent Mechanics and Machine System	80	95	61	356
			Machine Engineering total	252	542	302	1,645
421			Electric Power Engineering and Electric Machinery	57	134	51	329
422			Electronic and Electric Materials Engineering	39	116	40	309
423			Electron Devices and Apparatus Engineering	57	92	25	317
424			Information and Communication Engineering	140	209	53	616

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E		System Engineering	4	2	24	2
427			Electronic Measurements	2	2	30	11
428			Control Engineering	1	5	47	0
			Electric and Electronic Engineering	45	73	473	100
431			Construction Materials and Dynamics in General Civil Engineering	4	3	17	0
432			Structural Engineering and Seismology	1	7	22	3
433			Ground Engineering	12	2	24	3
434			Hydraulics and River Engineering	5	6	44	1
435			Traffic Engineering and Regional Planning	8	5	25	5
436			Civil Environmental System	2	3	22	4
			Civil Engineering total	32	26	154	16
441		N	Building Structure and Materials	9	3	41	0
442			Building Science and Building Equipment	5	5	26	1
443		G	City Planning and Building Planning	11	23	34	0
444		I	Architectural History and Design	8	2	7	0
			Architecture total	33	33	108	1
451		N	Physical Metallurgy	4	2	46	8
452			Inorganic Materials and	6	10	103	10
453		E	Composed Materials and Properties	2	19	38	0
454		E	Structural and Functional Materials	3	8	64	3
455		R	Metallurgy and Material	8	5	26	8
456			Metal Productive Engineering	0	0	6	1
			Material Engineering total	23	44	283	30
461		I	Chemical Engineering in General	2	2	24	6
462			Reaction and Separation Engineering	1	0	8	2
463			Catalyst and Chemical Process	4	2	13	5
464			Bioengineering	13	5	54	4
465			Industrial Analytical Chemistry	12	1	23	4
			Process Engineering total	32	10	122	21
471			Industrial Physical Chemistry	6	4	30	5
472			Industrial Inorganic Chemistry	1	1	31	18
473			Industrial Organic Chemistry	12	1	14	7
474			Synthetic Chemistry	2	5	50	9
475			Polymer Synthesis	3	1	45	2
476			Polymer Structure and Property (inclu. Fiber)	22	10	37	3
			Industrial Chemistry total	46	22	207	44
481			Aeronautics	2	12	45	6
482			Ship Engineering	0	0	15	2
483			Marine Engineering	4	2	6	0
484			Resource Development Engineering	0	3	37	36
			Synthetic Engineering total	6	17	103	44
	ENGINEERING Total			384	281	1,980	321
501	A G R I C U L T U R E		Plant Breeding	5	3	12	2
502			Crop Science	3	2	8	0
503			Horticulture and Landscape Architecture	5	17	15	3
504			Plant Protection	5	2	34	5
505			Sericultural Science and Economic Entomology	3	0	5	4
			Agriculture total	21	24	74	14
511			Plant Fertilizer and Manure and Soil Science	6	5	22	2
512			Applied Microbiochemistry and Applied Biochemistry	23	9	59	11
513			Biological Productive Chemistry and Bioorganic Chemistry	4	5	27	1
514			Food Science and Nutritional Chemistry	14	13	5	2

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	13	16	26	87
427			Electronic Measurements	21	72	35	172
428			Control Engineering	12	57	36	158
			Electric and Electronic Engineering	339	696	266	1,988
431			Construction Materials and Dynamics in General Civil Engineering	7	30	1	62
432			Structural Engineering and Seismology	21	57	12	123
433			Ground Engineering	43	84	27	195
434			Hydraulics and River Engineering	23	91	22	192
435			Traffic Engineering and Regional Planning	14	47	12	116
436			Civil Environmental System	19	37	25	112
			Civil Engineering total	127	346	99	800
441		N	Building Structure and Materials	14	54	17	138
442			Building Science and Building Equipment	10	32	26	105
443		G	City Planning and Building Planning	11	14	35	128
444		I	Architectural History and Design	0	4	3	24
			Architecture total	35	104	81	395
451		N	Physical Metallurgy	20	26	14	120
452			Inorganic Materials and	15	95	13	252
453		E	Composed Materials and Properties	16	15	5	95
454		E	Structural and Functional Materials	22	67	8	175
455		R	Metallurgy and Material	18	151	9	221
456			Metal Productive Engineering	4	15	2	28
			Material Engineering total	95	369	51	891
461		N	Chemical Engineering in General	11	42	11	98
462			Reaction and Separation Engineering	10	37	1	59
463			Catalyst and Chemical Process	4	58	8	94
464			Bioengineering	13	68	18	175
465			Industrial Analytical Chemistry	7	25	7	79
			Process Engineering total	45	230	45	505
471			Industrial Physical Chemistry	7	35	10	97
472			Industrial Inorganic Chemistry	13	10	13	87
473			Industrial Organic Chemistry	13	8	4	59
474			Synthetic Chemistry	29	32	27	154
475			Polymer Synthesis	9	53	21	134
476			Polymer Structure and Property (inclu. Fiber)	16	40	35	163
			Industrial Chemistry total	87	178	110	694
481			Aeronautics	23	25	20	133
482			Ship Engineering	2	29	6	54
483			Marine Engineering	60	7	2	81
484			Resource Development Engineering	14	26	2	118
			Synthetic Engineering total	99	87	30	386
			ENGINEERING Total	1,165	2,697	1,052	7,872
501	A G R I C U L T U R E		Plant Breeding	3	2	24	51
502			Crop Science	4	9	8	34
503			Horticulture and Landscape Architecture	9	32	31	111
504			Plant Protection	18	19	35	118
505			Sericultural Science and Economic Entomology	0	5	3	20
			Agriculture total	34	67	101	334
511			Plant Fertilizer and Manure and Soil Science	12	24	17	88
512			Applied Microbiochemistry and Applied Biochemistry	22	79	30	233
513			Biological Productive Chemistry and Bioorganic Chemistry	5	19	16	77
514			Food Science and Nutritional Chemistry	21	80	21	156

Table 48. Total Number of Times Speaking at 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
	A		Agricultural Chemistry total	47	32	113	16
521			Forestry	8	10	18	1
522	G		Wood Science	12	16	65	4
			Forestry total	20	26	83	5
531	R		Fisheries in General	20	35	75	8
532			Fisheries Chemistry	6	2	11	3
			Fisheries total	26	37	86	11
541	I		Agricultural Economics	25	20	13	5
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	2	19	0
552	U		Agricultural Machinery	1	3	14	0
553	L		Biological Environment	0	1	5	2
			Agricultural Engineering total	13	6	38	2
561	T		Animal Science and Grassland Science	3	4	2	3
562	U		Applied Animal Science	3	1	12	0
563	R		Basic Veterinary Medicine and Basic Animal Science	4	3	35	0
564			Applied Veterinary Medicine	5	3	11	0
	E		Animal Science·Veterinary Medicine total	15	11	60	3
571			Biological Resource Science	4	4	23	0
572			Applied Molecular Cell Biology	0	0	11	0
			Interdisciplinary Agricultural Science total	4	4	34	0
			AGRICULTURE Total	171	160	501	56
601			Anatomy in General (inclu. Histology, Embryology)	13	4	34	1
602			Physiology in General	4	10	40	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	9	0	37	2
604			Pharmacology in General	9	9	12	6
605			Medical Chemistry in General	14	12	33	0
606			Pathological Medical Chemistry	29	2	31	6
	M		Physiology total	78	37	187	17
611			Hominal Pathology	9	9	15	7
612	E		Experimental Pathology	4	8	11	0
613	D		Parasitology (inclu. Medical Zoology)	3	1	12	3
614			Bacteriology (inclu. Eumycetes)	10	17	14	2
615	I		Virology	7	18	29	4
616			Immunology	8	10	30	5
			Pathology total	41	63	111	21
621	C		Hygiene	2	1	6	3
622	I		Public Health and Health Science	12	7	34	2
623			Legal Medicine	1	4	8	2
			Social Medicine total	15	12	48	7
631	N		Internal Medicine in General	8	5	17	3
632	E		Gastroenterology	9	2	16	5
633			Internal Medicine Respiratory System	5	3	3	0
634			Neurological Medicine	17	16	19	1
635			Cardioangiopathy	28	20	33	4
636			Pediatrics	12	9	16	1
637			Dermatology	10	2	4	0
638			Radiology	12	5	39	7
639			Neuropsychiatry	11	0	34	0
641			Hematology	11	5	16	0
642			Internal Medicine of Kidney	8	3	11	0
643			Embryology and Newborn	0	2	0	0
644			Endocrinology	12	3	4	0
645			Metabolic Science	12	2	1	0
			Internal Medicine total	155	77	213	21
651			Surgery in General	15	13	9	1
652			Gastroenterological Surgery	3	0	3	0
653			Thoracic Surgery	3	3	4	4

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	60	202	84	554
521			Forestry	8	17	33	95
522	G		Wood Science	23	71	23	214
			Forestry total	31	88	56	309
531	R		Fisheries in General	9	28	26	201
532			Fisheries Chemistry	5	13	6	46
			Fisheries total	14	41	32	247
541	I		Agricultural Economics	13	0	6	82
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	7	30	39	109
552	U		Agricultural Machinery	2	11	10	41
553	L		Biological Environment	3	4	3	18
			Agricultural Engineering total	12	45	52	168
561	T		Animal Science and Grassland Science	9	9	8	38
562	U		Applied Animal Science	16	15	18	65
563	R		Basic Veterinary Medicine and Basic Animal Science	8	14	16	80
564			Applied Veterinary Medicine	6	34	25	84
	E		Animal Science·Veterinary Medicine total	39	72	67	267
571			Biological Resource Science	6	5	4	46
572			Applied Molecular Cell Biology	3	9	3	26
			Interdisciplinary Agricultural Science total	9	14	7	72
			AGRICULTURE Total	212	529	405	2,033
601			Anatomy in General (inclu. Histology, Embryology)	14	19	39	124
602			Physiology in General	16	19	32	123
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	8	37	93
604			Pharmacology in General	36	9	19	100
605			Medical Chemistry in General	18	9	11	97
606			Pathological Medical Chemistry	14	6	14	102
			Physiology total	98	70	152	639
611	M		Hominal Pathology	19	17	36	112
612	E		Experimental Pathology	8	9	19	59
613	D		Parasitology (inclu.Medical Zoology)	6	0	9	34
614			Bacteriology (inclu. Eumycetes)	10	8	16	77
615	I		Virology	8	7	3	76
616			Immunology	9	15	27	104
			Pathology total	60	56	110	462
621	C		Hygiene	3	11	15	41
622	I		Public Health and Health Science	17	33	58	163
623			Legal Medicine	5	11	16	47
			Social Medicine total	25	55	89	251
631	N		Internal Medicine in General	5	24	71	133
632	E		Gastroenterology	20	23	55	130
633			Internal Medicine Respiratory System	18	14	20	63
634			Neurological Medicine	12	14	65	144
635			Cardioangiolo	100	38	137	360
636			Pediatrics	9	6	31	84
637			Dermatology	9	11	8	44
638			Radiology	29	50	25	167
639			Neuropsychiatry	29	5	34	113
641			Hematology	20	49	24	125
642			Internal Medicine of Kidney	16	8	29	75
643			Embryology and Newborn	2	0	5	9
644			Endocrinology	11	8	19	57
645			Metabolic Science	3	61	24	103
			Internal Medicine total	283	311	547	1,607
651			Surgery in General	13	18	38	107
652			Gastroenterological Surgery	8	15	68	97
653			Thoracic Surgery	3	7	28	52

Table 48. Total Number of Times Speaking at 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		
654	MEDICINE	Surgery	Neurosurgery	12	14	8	0		
655			Orthopedic Surgery	21	9	11	4		
656			Anesthesiology and Rescue Medicine	2	15	30	1		
657			Urology	2	9	23	0		
658			Obstetrics and Gynecology	12	19	8	0		
659			Oto-rhino-laryngology	5	4	11	0		
660			Ophthalmology	3	5	11	1		
661			Pediatric Surgery	2	4	17	1		
662			Formative Surgery	5	0	1	1		
			Surgery total	85	95	136	13		
671		Dentistry	Dentistry	Oral Anatomy and Morphological Basic Dentistry	3	3	31	0	
672				Functional Basic Dentistry	2	11	44	1	
673				Morbid Dentistry (inclu. Dental Radiology)	3	0	12	0	
674				Conservative Dentistry	4	9	23	0	
675				Prosthodontics and Dental Technology	11	13	48	5	
676				Oral Surgery	11	3	21	1	
677				Orthodontics, Pedodontics and Social Dentistry	3	14	24	0	
678				Periodontological Dentistry	1	4	34	1	
				Dentistry total	38	57	237	8	
681		Pharmaceutics	Pharmaceutics	Chemical Pharmaceutics	6	2	22	0	
682	Physical Pharmaceutics			4	1	8	0		
683	Biopharmaceutics			9	2	24	0		
684	Molecular Pharmaceutics			2	3	16	3		
685	Environmental Pharmaceutics			0	0	4	0		
	Pharmaceutics total			21	8	74	3		
691	Medical Sciences			Medical Sciences	Medical Sociology	4	2	14	0
692					Human Genetics	3	3	9	9
693					Applied Pharmacology and Medical Pharmacology	1	2	2	0
694					Pathological Examination	2	0	11	0
696		Science of Basic and Local Nursing	0		1	12	4		
697		Science of Clinical Nursing	3		1	16	1		
		Medicine in General total	13		9	64	14		
	MEDICINE Total		446	358	1,070	104			
702	INTERDISCIPLINARY AREA	INTERDISCIPLINARY AREA	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	4	8	4		
703			Physical Education	10	9	56	1		
704			Geography	Human Geography	3	2	6	0	
705				Physical Geography	1	3	12	2	
			Geography total	4	5	18	2		
706			Home Science	Home Science(inclu. Cloth/Living Environments)	2	3	19	0	
707				Food Culture	3	2	3	0	
			Domestic Science total	5	5	22	0		
708			Science of Cultural Property	0	1	11	2		
711			Science Education	Science Education	0	9	17	1	
712				Educational Engineering	6	6	39	5	
713				Curriculum Studies	10	11	22	4	
714				Japanese Language Education	2	5	8	1	
			Science Education·Curriculum Education total	18	31	86	11		
721			Statistics	3	5	22	5		
731			Information Science	Computer Science	10	10	159	21	
732				Intelligent Informatics	26	6	196	20	
733	Information Science	Information Science	Study of Information System (Inclu. Library and Information Science)	6	5	90	4		
			Information Science total	42	21	445	45		
741			Social System Engineering	5	8	59	3		
751			Natural Disaster Science	8	4	14	3		
761			Plasma Science and Technology	5	7	129	3		
772			Nuclear Fusion	0	0	31	2		

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
654	M		Neurosurgery	9	38	66	147	
655			Orthopedic Surgery	45	27	102	219	
656			Anesthesiology and Rescue Medicine	14	28	73	163	
657			Urology	44	26	39	143	
658			Obstetrics and Gynecology	31	16	37	123	
659			Oto-rhino-laryngology	8	15	18	61	
660			Ophthalmology	4	13	42	79	
661			Pediatric Surgery	2	2	23	51	
662			Formative Surgery	0	0	2	9	
			Surgery total	181	205	536	1,251	
671	E		Oral Anatomy and Morphological Basic Dentistry	15	8	41	101	
672	D		Functional Basic Dentistry	10	13	11	92	
673	I		Morbid Dentistry (inclu. Dental Radiology)	7	4	3	29	
674	C		Conservative Dentistry	5	13	16	70	
675	I		Prosthodontics and Dental Technology	16	36	45	174	
676			Oral Surgery	14	27	80	157	
677	N		Orthodontics, Pedodontics and Social Dentistry	17	32	58	148	
678	E		Periodontological Dentistry	2	7	2	51	
			Dentistry total	86	140	256	822	
681			Chemical Pharmaceutics	7	18	2	57	
682			Physical Pharmaceutics	13	8	1	35	
683			Biopharmaceutics	11	24	9	79	
684			Molecular Pharmaceutics	5	16	7	52	
685			Environmental Pharmaceutics	0	3	2	9	
		Pharmaceutics total	36	69	21	232		
691			Medical Sociology	12	6	17	55	
692			Human Genetics	2	16	9	51	
693			Applied Pharmacology and Medical Pharmacology	14	17	1	37	
694			Pathological Examination	2	11	15	41	
696			Science of Basic and Local Nursing	4	3	27	51	
697			Science of Clinical Nursing	10	5	33	69	
			Medicine in General total	44	58	102	304	
		MEDICINE Total	813	964	1,813	5,568		
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)	4	2	2	25	
703			Physical Education	9	27	96	208	
704			Human Geography	0	0	11	22	
705			Physical Geography	3	7	18	46	
			Geography total	3	7	29	68	
706			Home Science(inclu. Cloth/Living Environments)	2	1	23	50	
707			Food Culture	2	0	6	16	
			Domestic Science total	4	1	29	66	
708			Science of Cultural Property	10	5	7	36	
711			Science Education	6	1	18	52	
712			Educational Engineering	13	27	17	113	
713			Curriculum Studies	3	8	77	134	
714			Japanese Language Education	2	1	19	38	
			Science Education·Curriculum Education total	24	37	131	337	
721			Statistics	9	10	8	62	
731			Computer Science	68	177	45	490	
732			Intelligent Informatics	86	106	55	493	
733			I	Study of Information System (Inclu. Library and Information Science)	71	62	21	259
				Information Science total	225	345	121	1,242
741	Social System Engineering	28		56	44	203		
751	Natural Disaster Science	14		31	3	77		
761	Plasma Science and Technology	41		49	42	274		
772	Nuclear Fusion	2		12	7	54		

Table 48. Total Number of Times Speaking at 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
773	N		Energy Science General	1	5	12	2
774			Nuclear Power Science	6	3	36	17
	E		Energy total	7	8	79	21
801	R		Environmental Dynamic Analysis	6	7	22	8
802			Environmental Influence Assessment (inclu. Radiobiology)	9	4	14	7
803			Environmental Preservation	11	8	39	16
			Environmental Science total	26	19	75	31
811	I		Biological Organic Chemistry	0	3	18	2
812			Structured Biochemistry	4	4	33	4
813			Functional Biochemistry	2	6	19	5
			Biological Chemistry total	6	13	70	11
821	N		Biophysics	7	10	71	10
822			Molecular Biology	29	29	129	15
823			Cell Biology	3	9	41	6
824			Developmental Biology	3	2	37	0
			Basic Biology total	42	50	278	31
831	A		Neuroanatomy and Neuropathology	4	4	34	3
832			Neurochemistry and Neuropharmacology	2	1	19	2
833			Neuro Science in General	21	21	58	6
834			Neuro and Muscular Physiology	24	21	37	6
			Neuro Science (inclu. Brain Science) total	51	47	148	17
841			Laboratory Animal Science	3	3	6	3
851			Medical Organism Engineering and Material Science of Organism	15	7	117	13
	INTERDISCIPLINARY AREA Total			251	247	1,643	206
999	WIDE AREA Total			32	19	61	13
	Item n.a. Total			851	826	3,746	591
	Grand Total			2,706	2,434	11,246	1,540

Table 48. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institution)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N T		Energy Science General	53	38	19	130
774			Nuclear Power Science	38	42	15	157
	E		Energy total	93	92	41	341
801	R D I S C		Environmental Dynamic Analysis	4	20	25	92
802			Environmental Influence Assessment (inclu. Radiobiology)	20	17	17	88
803			Environmental Preservation	48	56	39	217
			Environmental Science total	72	93	81	397
811	I P L I		Biological Organic Chemistry	3	11	5	42
812			Structured Biochemistry	5	4	16	70
813			Functional Biochemistry	7	7	8	54
			Biological Chemistry total	15	22	29	166
821	N A R Y		Biophysics	14	13	30	155
822			Molecular Biology	22	40	42	306
823			Cell Biology	13	12	21	105
824			Developmental Biology	8	1	12	63
			Basic Biology total	57	66	105	629
831	A R E A		Neuroanatomy and Neuropathology	8	6	5	64
832			Neurochemistry and Neuropharmacology	7	13	21	65
833			Neuro Science in General	13	24	67	210
834			Neuro and Muscular Physiology	2	21	112	223
			Neuro Science (inclu. Brain Science) total	30	64	205	562
841			Laboratory Animal Science	0	5	0	20
851			Medical Organism Engineering and Material Science of Organism	58	106	33	349
	INTERDISCIPLINARY AREA Total			696	1,018	1,006	5,062
999	WIDE AREA Total			40	78	86	327
	Item n.a. Total			2,776	3,437	2,998	15,225
	Grand Total			6,372	9,390	8,726	42,387

Table 49. Total Number of Times Speaking at 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		
211	ARTS • HUMANITIES		Philosophy	1	0	0	0		
212			Chinese Philosophy	5	1	0	0		
213			Indian Philosophy (inclu. Buddhist Studies)	0	3	0	0		
214			Religion	0	0	1	0		
215			Ethics	0	0	1	0		
216			History of Philosophy	0	0	0	0		
217			Aesthetics (inclu. Arts)	3	4	1	0		
218			Art History	0	0	0	0		
		Philosophy total	9	8	3	0			
221			Experimental Psychology	0	0	2	0		
222			Educational and Social	1	1	3	0		
223			Sociology	3	3	4	0		
224			Education	1	2	0	1		
225			Cultural Anthropology (inclu. Ethnology and Folklore)	2	0	0	0		
		Psychology • Sociology • Education Cultural Anthropology total	7	6	9	1			
231			Japanese History	0	0	1	0		
232			Oriental History	0	0	3	0		
233			European History	0	0	0	0		
234			Archaeology (inclu. Prehistory)	0	0	3	0		
		History total	0	0	7	0			
241			Japanese Language	0	0	0	0		
242			Japanese Literature	0	1	0	0		
243			Chinese Language and Literature	1	1	0	0		
244			English Language and Literature	3	1	1	0		
245			French Language and Literature	0	0	0	0		
246			German Language and Literature	2	0	2	0		
247			Other Foreign Languages and Literatures	0	0	0	0		
248			Linguistics and Phonetics	0	4	3	0		
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0		
		Literature total	6	7	6	0			
	ARTS • HUMANITIES Total			22	21	25	1		
261	LAW		Basic Science of Law	0	0	0	0		
262			Public Law	0	0	0	2		
263			International Law	2	0	0	1		
264			Civil Law	0	0	0	0		
265			Social Law	0	0	0	0		
266			Criminal Law	0	0	0	0		
267			Politics	5	2	0	0		
	LAW Total			7	2	0	3		
271	ECONOMICS		General Theory of Economics	5	1	7	2		
272			Economical Statistics	1	0	2	0		
273			Economic Policy (inclu. Economic Condition)	1	1	2	1		
274			Economic History	0	0	0	0		
275			Public Finance, Money and Banking	0	0	0	1		
276			Commercial Science	0	0	0	0		
277			Business Administration	3	2	3	0		
278			Accounting	0	0	0	0		
			ECONOMICS Total			10	4	14	4
301			SCIENCE		Algebra	1	1	8	0
302	Geometry	0			0	4	0		
304	Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0			0	8	0		
305	Basic Analysis	0			2	5	0		
306	Larger-area Analysis	0			0	6	0		
	Mathematics total	1		3	31	0			
311	Astronomy	0		0	0	0			
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	5	0		

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	0	0	3	4
212			Chinese Philosophy	4	0	8	18
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	3
214			Religion	0	0	2	3
215			Ethics	2	0	0	3
216			History of Philosophy	1	0	1	2
217			Aesthetics (inclu. Arts)	5	0	6	19
218			Art History	2	1	0	3
			Philosophy total	14	1	20	55
221			Experimental Psychology	5	0	6	13
222			Educational and Social	4	0	5	14
223			Sociology	8	0	8	26
224			Education	4	2	5	15
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	1	3
			Psychology • Sociology • Education Cultural Anthropology total	21	2	25	71
231			Japanese History	0	1	0	2
232			Oriental History	0	0	1	4
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	3
			History total	0	1	1	9
241			Japanese Language	0	0	0	0
242			Japanese Literature	1	0	1	3
243			Chinese Language and Literature	0	0	1	3
244			English Language and Literature	7	0	3	15
245			French Language and Literature	0	0	0	0
246			German Language and Literature	0	0	0	4
247			Other Foreign Languages and Literatures	3	4	4	11
248			Linguistics and Phonetics	11	4	6	28
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	1	1
			Literature total	22	8	16	65
			ARTS • HUMANITIES Total	57	12	62	200
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	2
263			International Law	2	0	6	10
264			Civil Law	0	1	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	2	0	10
			LAW Total	3	3	6	23
271	ECONOMICS		General Theory of Economics	12	3	2	32
272			Economical Statistics	0	0	0	3
273			Economic Policy (inclu. Economic Condition)	3	1	1	10
274			Economic History	1	1	0	2
275			Public Finance, Money and Banking	1	0	0	2
276			Commercial Science	0	0	1	1
277			Business Administration	4	1	3	16
278			Accounting	1	0	3	4
			ECONOMICS Total	22	6	10	70
301	SCIENCE		Algebra	0	1	2	13
302			Geometry	0	0	0	4
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	1	0	2	11
305			Basic Analysis	0	1	2	10
306			Larger-area Analysis	0	1	0	7
			Mathematics total	1	3	6	45
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	2	5	13

Table 49. Total Number of Times Speaking at 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	1	5	0
323			Solid-State Physics II (Magnetism, Metal Physics,	1	0	6	1
324			Physical Properties in General (inclu. Basic Theories)	7	0	3	0
325			Physics in General	0	0	1	0
			Physics total	9	1	20	1
331			Physics of Solid Earth	0	0	1	0
332			Meteorology, Oceanography and Hydrology	0	0	10	1
333			Aeronomy	0	0	0	0
334			Geology	0	0	4	0
335			Stratigraphy and Paleontology	0	0	3	0
336			Mineralogy, Petrology and Study of Mineral Deposit	1	0	1	0
337			Geochemistry	0	0	0	0
			Earth Science total	1	0	19	1
341			Physical Chemistry	0	0	18	0
342			Organic Chemistry	2	0	7	0
343			Inorganic Chemistry	0	0	2	1
344			Function, Properties and Materials in Chemistry	0	0	1	2
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	2	0	3	0
			Chemistry total	4	0	31	3
351			Genetics	2	0	2	2
352			Ecology	0	1	0	0
353			Plant Physiology	1	2	1	2
354			Morphology, Structure of Organism	0	0	3	0
355			Animal Physiology and	0	0	2	0
356			Morphology and Taxonomy	0	0	0	0
			Biology total	3	3	8	4
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	1	0
			SCIENCE Total	18	7	110	9
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	2	1	5	1
402			Surface Physics	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	1	0
404			General Applied Physics	0	0	1	0
405			Fundamentals of Engineering	0	0	1	0
			Applied Physics·Fundamentals of Engineering total	2	1	8	1
411			Materials for Machines and Strength of Materials	0	0	5	0
412			Workshop Processes and Production Engineering	0	0	2	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	1	1	2	0
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	0	2	0
417			Intelligent Mechanics and Machine System	0	0	3	0
			Machine Engineering total	1	1	16	0
421			Electric Power Engineering and Electric Machinery	5	0	1	0
422			Electronic and Electric Materials Engineering	1	0	1	0
423			Electron Devices and Apparatus Engineering	0	0	3	0
424			Information and Communication Engineering	2	3	6	1

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	6	3	17
323			Solid-State Physics II (Magnetism, Metal Physics,	6	1	19	34
324			Physical Properties in General (inclu. Basic Theories)	2	3	12	27
325			Physics in General	1	1	12	15
			Physics total	11	13	51	106
331			Physics of Solid Earth	0	1	0	2
332			Meteorology, Oceanography and Hydrology	8	0	0	19
333			Aeronomy	0	0	0	0
334			Geology	0	0	3	7
335			Stratigraphy and Paleontology	0	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	2
337			Geochemistry	0	0	0	0
			Earth Science total	8	1	3	33
341			Physical Chemistry	6	1	20	45
342			Organic Chemistry	4	3	3	19
343			Inorganic Chemistry	6	1	2	12
344			Function, Properties and Materials in Chemistry	4	1	0	8
345			Substance Transformation	2	0	0	2
346			Separation, Refining and Identification	2	1	1	9
			Chemistry total	24	7	26	95
351			Genetics	3	0	2	11
352			Ecology	1	1	5	8
353			Plant Physiology	7	0	7	20
354			Morphology, Structure of Organism	0	1	3	7
355			Animal Physiology and	0	1	1	4
356			Morphology and Taxonomy	0	1	4	5
			Biology total	11	4	22	55
361			Physical Anthropology (inclu. Physiological Anthropology)	1	0	0	2
			SCIENCE Total	56	28	108	336
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	13	3	1	26
402			Surface Physics	3	0	2	5
403			Applied Optics and Quantum Optics	2	0	3	6
404			General Applied Physics	2	2	6	11
405			Fundamentals of Engineering	0	0	0	1
			Applied Physics·Fundamentals of Engineering total	20	5	12	49
411			Materials for Machines and Strength of Materials	6	5	6	22
412			Workshop Processes and Production Engineering	4	0	1	7
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	5	0	4	13
415			Heat Engineering	2	3	1	8
416			Mechanics and Control Engineering	3	4	7	16
417			Intelligent Mechanics and Machine System	16	2	1	22
			Machine Engineering total	36	14	20	88
421			Electric Power Engineering and Electric Machinery	6	3	20	35
422			Electronic and Electric Materials Engineering	0	4	0	6
423			Electron Devices and Apparatus Engineering	4	0	3	10
424			Information and Communication Engineering	18	16	15	61

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	1	0
428			Control Engineering	4	2	3	17
			Electric and Electronic Engineering	12	5	15	18
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	0	0	1	0
433			Ground Engineering	0	1	0	0
434			Hydraulics and River Engineering	0	0	3	0
435			Traffic Engineering and Regional Planning	0	0	0	0
436			Civil Environmental System	0	1	2	0
			Civil Engineering total	0	2	6	0
441		A R C H I T E C T U R E	Building Structure and Materials	0	0	3	0
442			Building Science and Building Equipment	0	1	1	0
443			City Planning and Building Planning	0	2	3	0
444			Architectural History and Design	0	0	0	0
			Architecture total	0	3	7	0
451		M A T E R I A L	Physical Metallurgy	0	1	0	0
452			Inorganic Materials and	0	0	1	0
453			Composed Materials and Properties	1	0	0	0
454			Structural and Functional Materials	0	0	1	1
455		M E T A L	Metallurgy and Material	0	0	1	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	1	1	3	1
461		C H E M I C A L	Chemical Engineering in General	0	0	1	0
462			Reaction and Separation Engineering	0	0	6	1
463			Catalyst and Chemical Process	0	0	2	1
464			Bioengineering	0	0	2	0
465			Industrial Analytical Chemistry	2	2	12	0
			Process Engineering total	2	2	23	2
471		I N D U S T R I A L	Industrial Physical Chemistry	0	0	1	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	0	0	0	0
474			Synthetic Chemistry	0	0	1	0
475			Polymer Synthesis	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	14	0
			Industrial Chemistry total	1	0	16	0
481		S Y N T H E T I C	Aeronautics	0	0	0	1
482			Ship Engineering	0	0	6	0
483			Marine Engineering	0	0	0	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	6	1
			ENGINEERING Total	19	15	100	23
501	A G R I C U L T U R E		Plant Breeding	1	0	1	1
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	6	1	3	0
504			Plant Protection	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	7	1	4	1
511			Plant Fertilizer and Manure and Soil Science	0	0	2	0
512			Applied Microbiochemistry and Applied Biochemistry	4	6	2	4
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	1	0
514			Food Science and Nutritional Chemistry	0	5	4	1

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	0	0	0	0
427			Electronic Measurements	0	2	2	5
428			Control Engineering	9	3	5	43
			Electric and Electronic Engineering	37	28	45	160
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	2	2	17	22
433			Ground Engineering	1	0	0	2
434			Hydraulics and River Engineering	5	4	1	13
435			Traffic Engineering and Regional Planning	2	0	0	2
436			Civil Environmental System	1	1	0	5
			Civil Engineering total	11	7	18	44
441		N	Building Structure and Materials	4	2	2	11
442			Building Science and Building Equipment	10	11	1	24
443			City Planning and Building Planning	4	1	0	10
444		I	Architectural History and Design	0	0	1	1
			Architecture total	18	14	4	46
451		N	Physical Metallurgy	2	2	0	5
452			Inorganic Materials and	1	2	0	4
453			Composed Materials and Properties	0	2	0	3
454		E	Structural and Functional Materials	0	3	0	5
455		R	Metallurgy and Material	1	3	0	5
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	4	12	0	22
461		I	Chemical Engineering in General	3	1	0	5
462			Reaction and Separation Engineering	0	2	4	13
463			Catalyst and Chemical Process	1	3	0	7
464			Bioengineering	9	0	2	13
465			Industrial Analytical Chemistry	1	4	2	23
			Process Engineering total	14	10	8	61
471			Industrial Physical Chemistry	2	6	0	9
472			Industrial Inorganic Chemistry	0	1	0	1
473			Industrial Organic Chemistry	0	0	0	0
474			Synthetic Chemistry	0	0	0	1
475			Polymer Synthesis	2	5	1	8
476			Polymer Structure and Property (inclu. Fiber)	4	6	0	25
			Industrial Chemistry total	8	18	1	44
481			Aeronautics	0	0	0	1
482			Ship Engineering	0	5	10	21
483			Marine Engineering	4	0	0	4
484			Resource Development Engineering	0	0	1	1
			Synthetic Engineering total	4	5	11	27
			ENGINEERING Total	152	113	119	541
501	A G R I C U L T U R E		Plant Breeding	0	1	8	12
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	8	4	18	40
504			Plant Protection	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	8	5	26	52
511			Plant Fertilizer and Manure and Soil Science	1	0	0	3
512			Applied Microbiochemistry and Applied Biochemistry	2	4	7	29
513			Biological Productive Chemistry and Bioorganic Chemistry	0	4	0	6
514			Food Science and Nutritional Chemistry	11	5	15	41

Table 49. Total Number of Times Speaking at 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
	A		Agricultural Chemistry total	5	11	9	5
521			Forestry	0	1	1	0
522	G		Wood Science	1	0	4	0
			Forestry total	1	1	5	0
531	R		Fisheries in General	0	0	0	0
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	0	0	0	0
541	I		Agricultural Economics	1	1	2	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	0	0	0
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	3
			Agricultural Engineering total	4	0	0	3
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	2	0
564			Applied Veterinary Medicine	5	0	1	1
	E		Animal Science·Veterinary Medicine total	5	1	3	1
571			Biological Resource Science	0	0	0	3
572			Applied Molecular Cell Biology	0	0	8	0
			Interdisciplinary Agricultural Science total	0	0	8	3
			AGRICULTURE Total	23	15	31	13
601			Anatomy in General (inclu. Histology, Embryology)	1	3	1	0
602			Physiology in General	2	0	2	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	3	0
604			Pharmacology in General	0	5	1	0
605			Medical Chemistry in General	0	20	0	0
606			Pathological Medical Chemistry	0	0	0	0
	M		Physiology total	3	28	7	0
611			Hominal Pathology	0	3	1	0
612	E		Experimental Pathology	1	1	5	0
613	D		Parasitology (inclu. Medical Zoology)	0	0	2	0
614			Bacteriology (inclu. Eumycetes)	0	2	1	0
615	I		Virology	0	0	2	0
616			Immunology	2	0	0	0
	C		Pathology total	3	6	11	0
621			Hygiene	0	2	2	2
622	I		Public Health and Health Science	4	2	14	2
623			Legal Medicine	0	0	2	0
	N		Social Medicine total	4	4	18	4
631			Internal Medicine in General	3	0	5	0
632	E		Gastroenterology	1	1	4	0
633			Internal Medicine Respiratory System	0	0	2	0
634			Neurological Medicine	0	0	1	0
635			Cardioangiopathy	6	1	1	0
636			Pediatrics	0	0	3	0
637			Dermatology	4	0	5	0
638			Radiology	0	0	2	1
639			Neuropsychiatry	0	0	1	0
641			Hematology	3	5	6	0
642			Internal Medicine of Kidney	1	0	0	0
643			Embryology and Newborn	0	0	1	0
644			Endocrinology	1	0	0	0
645			Metabolic Science	2	0	1	0
			Internal Medicine total	21	7	32	1
651			Surgery in General	2	0	5	0
652			Gastroenterological Surgery	1	1	0	0
653			Thoracic Surgery	0	0	0	0

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	14	13	22	79
521			Forestry	1	0	0	3
522	G		Wood Science	1	2	3	11
			Forestry total	2	2	3	14
531	R		Fisheries in General	2	0	0	2
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	2	0	0	2
541	I		Agricultural Economics	0	0	1	5
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	5
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	2	3	0	8
			Agricultural Engineering total	3	3	0	13
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	0	4
564			Applied Veterinary Medicine	1	1	2	11
	E		Animal Science·Veterinary Medicine total	1	2	2	15
571			Biological Resource Science	2	4	1	10
572			Applied Molecular Cell Biology	1	0	0	9
			Interdisciplinary Agricultural Science total	3	4	1	19
			AGRICULTURE Total	33	29	55	199
601			Anatomy in General (inclu. Histology, Embryology)	6	0	9	20
602			Physiology in General	1	2	6	13
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	3	18	27
604			Pharmacology in General	0	4	1	11
605			Medical Chemistry in General	0	0	22	42
606			Pathological Medical Chemistry	0	0	4	4
	M		Physiology total	10	9	60	117
611			Hominal Pathology	3	6	3	16
612	E		Experimental Pathology	3	2	2	14
613	D		Parasitology (inclu.Medical Zoology)	0	0	0	2
614			Bacteriology (inclu. Eumycetes)	8	1	0	12
615	I		Virology	1	0	1	4
616			Immunology	1	0	0	3
	C		Pathology total	16	9	6	51
621			Hygiene	1	0	15	22
622	I		Public Health and Health Science	1	5	16	44
623			Legal Medicine	0	3	6	11
	N		Social Medicine total	2	8	37	77
631			Internal Medicine in General	5	1	18	29
632	E		Gastroenterology	1	1	23	31
633			Internal Medicine Respiratory System	1	1	35	39
634			Neurological Medicine	3	2	1	7
635			Cardioangiolog	2	2	28	40
636			Pediatrics	1	2	13	19
637			Dermatology	6	11	10	36
638			Radiology	0	0	5	8
639			Neuropsychiatry	0	0	4	5
641			Hematology	2	4	4	23
642			Internal Medicine of Kidney	0	1	6	8
643			Embryology and Newborn	1	0	1	3
644			Endocrinology	0	3	1	5
645			Metabolic Science	0	3	5	11
			Internal Medicine total	22	31	154	264
651			Surgery in General	3	0	3	13
652			Gastroenterological Surgery	6	3	43	54
653			Thoracic Surgery	1	0	4	5

Table 49. Total Number of Times Speaking at 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
654	M		Neurosurgery	0	0	0	0
655			Orthopedic Surgery	4	1	0	0
656			Anesthesiology and Rescue Medicine	2	2	10	0
657			Urology	4	1	0	0
658			Obstetrics and Gynecology	6	0	1	0
659			Oto-rhino-laryngology	0	0	1	0
660			Ophthalmology	0	0	0	0
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	0	0	0	0
			Surgery total	19	5	17	0
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0
672	D		Functional Basic Dentistry	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	3	0
674	C		Conservative Dentistry	2	0	0	0
675	I		Prosthodontics and Dental Technology	0	0	0	0
676			Oral Surgery	3	0	3	0
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0
678	E		Periodontological Dentistry	0	0	0	0
			Dentistry total	5	0	6	0
681			Chemical Pharmaceutics	1	0	3	0
682			Physical Pharmaceutics	0	0	2	0
683			Biopharmaceutics	0	2	2	1
684			Molecular Pharmaceutics	0	0	2	0
685			Environmental Pharmaceutics	0	0	2	0
			Pharmaceutics total	1	2	11	1
691			Medical Sociology	0	0	3	1
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	0	0	0	0
696			Science of Basic and Local Nursing	3	3	3	1
697			Science of Clinical Nursing	3	3	3	0
			Medicine in General total	6	6	9	2
			MEDICINE Total	62	58	111	8
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	2	0
703			Physical Education	2	0	8	0
704			Human Geography	0	0	1	0
705			Physical Geography	0	0	2	0
			Geography total	0	0	3	0
706			Home Science(inclu. Cloth/Living Environments)	1	0	3	0
707			Food Culture	0	1	2	0
			Domestic Science total	1	1	5	0
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	1	0
713			Curriculum Studies	0	0	2	0
714			Japanese Language Education	1	0	0	0
	A R E A		Science Education・Curriculum Education total	1	0	3	0
721			Statistics	0	0	3	0
731			Computer Science	0	2	26	1
732			Intelligent Informatics	0	0	7	0
733			Study of Information System (Inclu. Library and Information Science)	1	0	15	0
			Information Science total	1	2	48	1
741			Social System Engineering	0	2	6	2
751			Natural Disaster Science	0	0	0	0
761			Plasma Science and Technology	0	0	2	0
772	I		Nuclear Fusion	0	0	0	0

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	1	0	11	12
655			Orthopedic Surgery	8	3	21	37
656			Anesthesiology and Rescue Medicine	6	3	30	53
657			Urology	8	2	8	23
658			Obstetrics and Gynecology	3	0	1	11
659			Oto-rhino-laryngology	0	0	13	14
660			Ophthalmology	0	0	0	0
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	0	0	0	0
			Surgery total	36	11	134	222
671	E		Oral Anatomy and Morphological Basic Dentistry	2	0	1	3
672	D		Functional Basic Dentistry	0	0	2	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	3
674	C		Conservative Dentistry	4	0	2	8
675			Prosthodontics and Dental Technology	1	0	1	2
676	I		Oral Surgery	11	0	6	23
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	1	1
678			Periodontological Dentistry	0	0	0	0
	E		Dentistry total	18	0	13	42
681			Chemical Pharmaceutics	6	2	0	12
682			Physical Pharmaceutics	0	0	0	2
683			Biopharmaceutics	7	3	1	16
684			Molecular Pharmaceutics	0	0	0	2
685			Environmental Pharmaceutics	0	0	0	2
			Pharmaceutics total	13	5	1	34
691			Medical Sociology	3	2	3	12
692			Human Genetics	1	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	1	0	3	4
696			Science of Basic and Local Nursing	7	1	8	26
697			Science of Clinical Nursing	17	1	43	70
			Medicine in General total	29	4	57	113
			MEDICINE Total	146	77	462	920
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	2
703			Physical Education	10	2	9	31
704			Human Geography	0	0	1	2
705			Physical Geography	0	1	3	6
			Geography total	0	1	4	8
706			Home Science(inclu. Cloth/Living Environments)	0	0	4	8
707			Food Culture	5	1	15	24
			Domestic Science total	5	1	19	32
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	2	2
712	A R E A		Educational Engineering	11	1	2	15
713			Curriculum Studies	3	0	2	7
714			Japanese Language Education	6	1	1	9
			Science Education·Curriculum Education total	20	2	7	33
721			Statistics	0	0	4	7
731			Computer Science	17	8	9	63
732			Intelligent Informatics	11	9	8	35
733			Study of Information System (Inclu. Library and Information Science)	18	2	1	37
			Information Science total	46	19	18	135
741			Social System Engineering	10	3	7	30
751	I		Natural Disaster Science	0	0	0	0
761			Plasma Science and Technology	0	0	1	3
772			Nuclear Fusion	0	0	0	0

Table 49. Total Number of Times Speaking at 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
773	N		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	0	0
	E		Energy total	0	0	1	0
801	R		Environmental Dynamic Analysis	2	0	6	0
802			Environmental Influence Assessment (inclu. Radiobiology)	1	3	3	0
803			Environmental Preservation	11	4	2	3
			Environmental Science total	14	7	11	3
811	I		Biological Organic Chemistry	0	1	3	0
812			Structured Biochemistry	0	0	1	0
813			Functional Biochemistry	2	4	2	0
			Biological Chemistry total	2	5	6	0
821	N		Biophysics	0	5	2	0
822			Molecular Biology	0	4	10	0
823			Cell Biology	0	0	2	0
824			Developmental Biology	1	1	2	0
			Basic Biology total	1	10	16	0
831	A		Neuroanatomy and Neuropathology	2	1	1	0
832			Neurochemistry and Neuropharmacology	0	0	3	0
833			Neuro Science in General	1	1	6	0
834			Neuro and Muscular Physiology	0	0	5	0
			Neuro Science (inclu. Brain Science) total	3	2	15	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	10	0
	INTERDISCIPLINARY AREA Total			25	29	139	6
999	WIDE AREA Total			4	0	4	3
	Item n.a. Total			118	73	264	38
	Grand Total			308	224	798	108

Table 49. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N T		Energy Science General	1	2	0	4
774			Nuclear Power Science	0	0	0	0
	E		Energy total	1	2	0	4
801	R D I S		Environmental Dynamic Analysis	6	18	2	34
802			Environmental Influence Assessment (inclu. Radiobiology)	8	10	2	27
803			Environmental Preservation	2	4	3	29
			Environmental Science total	16	32	7	90
811	I P L		Biological Organic Chemistry	0	0	5	9
812			Structured Biochemistry	0	0	0	1
813			Functional Biochemistry	3	5	14	30
			Biological Chemistry total	3	5	19	40
821	N A R Y		Biophysics	0	0	2	9
822			Molecular Biology	8	5	7	34
823			Cell Biology	5	2	8	17
824			Developmental Biology	2	0	3	9
			Basic Biology total	15	7	20	69
831	A R E A		Neuroanatomy and Neuropathology	1	0	4	9
832			Neurochemistry and Neuropharmacology	8	3	1	15
833			Neuro Science in General	1	0	2	11
834			Neuro and Muscular Physiology	0	0	5	10
			Neuro Science (inclu. Brain Science) total	10	3	12	45
841			Laboratory Animal Science	2	0	2	4
851			Medical Organism Engineering and Material Science of Organism	0	3	0	13
	INTERDISCIPLINARY AREA Total			138	80	129	546
999	WIDE AREA Total			7	6	3	27
	Item n.a. Total			492	216	437	1,637
	Grand Total			1,106	570	1,391	4,499

Table 50. Total Number of Times Speaking at 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
211	ARTS • HUMANITIES		Philosophy	12	12	3	0
212			Chinese Philosophy	0	7	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	19	35	3	0
214			Religion	28	13	4	1
215			Ethics	3	0	0	1
216			History of Philosophy	3	4	1	0
217			Aesthetics (inclu. Arts)	38	53	9	1
218			Art History	3	1	1	0
			Philosophy total	106	125	21	13
221			Experimental Psychology	3	2	20	1
222			Educational and Social	29	13	27	0
223			Sociology	83	93	28	7
224			Education	29	16	6	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	23	7	14	11
		Psychology • Sociology • Education Cultural Anthropology total	167	131	95	22	
231			Japanese History	5	0	4	0
232			Oriental History	14	10	5	0
233			European History	3	10	5	1
234			Archaeology (inclu. Prehistory)	3	4	8	0
		History total	25	24	22	1	
241			Japanese Language	7	15	7	2
242			Japanese Literature	16	21	3	0
243			Chinese Language and Literature	32	15	11	1
244			English Language and Literature	18	29	11	4
245			French Language and Literature	5	4	4	2
246			German Language and Literature	5	6	2	1
247			Other Foreign Languages and Literatures	16	9	5	0
248			Linguistics and Phonetics	25	25	11	25
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	7	1	0
		Literature total	126	131	55	35	
	ARTS • HUMANITIES Total			424	411	193	71
261	LAW		Basic Science of Law	13	10	4	0
262			Public Law	7	2	1	0
263			International Law	5	12	3	3
264			Civil Law	17	9	3	1
265			Social Law	0	0	4	0
266			Criminal Law	4	2	0	0
267			Politics	30	38	13	5
	LAW Total			76	73	28	9
271	ECONOMICS		General Theory of Economics	9	9	25	3
272			Economical Statistics	1	1	2	1
273			Economic Policy (inclu. Economic Condition)	24	32	5	13
274			Economic History	2	7	8	0
275			Public Finance, Money and Banking	10	13	3	32
276			Commercial Science	6	5	5	0
277			Business Administration	60	20	9	2
278			Accounting	6	9	5	0
			ECONOMICS Total			118	96
301	SCIENCE		Algebra	11	6	14	0
302			Geometry	15	2	3	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	19	18	50	3
305			Basic Analysis	1	3	25	0
306			Larger-area Analysis	9	5	6	2
		Mathematics total	55	34	98	5	
311		Astronomy	5	2	1	0	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	7	4	37	2	

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	16	4	9	56
212			Chinese Philosophy	6	1	3	17
213			Indian Philosophy (inclu. Buddhist Studies)	25	5	10	97
214			Religion	25	2	6	79
215			Ethics	4	0	1	9
216			History of Philosophy	15	2	14	39
217			Aesthetics (inclu. Arts)	39	13	48	211
218			Art History	1	3	1	10
			Philosophy total	131	30	92	518
221			Experimental Psychology	54	4	15	99
222			Educational and Social	108	11	75	263
223			Sociology	110	9	38	368
224			Education	60	8	49	171
225			Cultural Anthropology (inclu. Ethnology and Folklore)	27	8	26	116
			Psychology • Sociology • Education Cultural Anthropology total	359	40	203	1,017
231			Japanese History	8	0	6	23
232			Oriental History	11	2	16	58
233			European History	8	2	5	34
234			Archaeology (inclu. Prehistory)	3	1	6	23
			History total	30	5	33	138
241			Japanese Language	12	0	7	50
242			Japanese Literature	19	2	14	75
243			Chinese Language and Literature	27	2	31	119
244			English Language and Literature	125	13	32	231
245			French Language and Literature	12	1	5	33
246			German Language and Literature	9	1	2	26
247			Other Foreign Languages and Literatures	45	0	16	91
248			Linguistics and Phonetics	81	7	43	217
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	11	3	4	28
			Literature total	341	29	154	870
			ARTS • HUMANITIES Total	861	104	482	2,543
261	LAW		Basic Science of Law	15	13	6	61
262			Public Law	4	3	1	18
263			International Law	13	6	3	45
264			Civil Law	13	5	5	53
265			Social Law	1	0	2	7
266			Criminal Law	2	0	4	12
267			Politics	54	18	16	174
			LAW Total	102	45	37	370
271	ECONOMICS		General Theory of Economics	46	4	30	126
272			Economical Statistics	6	4	3	18
273			Economic Policy (inclu. Economic Condition)	41	10	31	156
274			Economic History	8	1	1	27
275			Public Finance, Money and Banking	10	1	4	73
276			Commercial Science	16	6	5	43
277			Business Administration	64	5	41	201
278			Accounting	42	3	5	70
			ECONOMICS Total	233	34	120	714
301	SCIENCE		Algebra	26	0	9	66
302			Geometry	6	1	0	27
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	55	7	33	185
305			Basic Analysis	30	0	9	68
306			Larger-area Analysis	20	1	3	46
			Mathematics total	137	9	54	392
311			Astronomy	16	1	0	25
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	50	11	11	122

Table 50. Total Number of Times Speaking at 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	2	0	23	0
323			Solid-State Physics II (Magnetism, Metal Physics,	4	14	15	0
324			Physical Properties in General (inclu. Basic Theories)	2	5	7	0
325			Physics in General	4	12	10	1
			Physics total	19	35	92	3
331			Physics of Solid Earth	0	0	5	0
332			Meteorology, Oceanography and Hydrology	4	3	7	3
333			Aeronomy	3	4	1	0
334			Geology	1	1	4	1
335			Stratigraphy and Paleontology	1	0	2	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	1	1	2	0
			Earth Science total	10	9	21	4
341			Physical Chemistry	7	6	7	2
342			Organic Chemistry	3	0	1	1
343			Inorganic Chemistry	0	14	1	1
344			Function, Properties and Materials in Chemistry	5	2	4	4
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	7	0	1	2
			Chemistry total	22	22	14	10
351			Genetics	2	2	1	0
352			Ecology	5	2	7	3
353			Plant Physiology	3	6	4	1
354			Morphology, Structure of Organism	1	0	3	0
355			Animal Physiology and	0	3	6	4
356			Morphology and Taxonomy	1	1	0	0
			Biology total	12	14	21	8
361			Physical Anthropology (inclu. Physiological Anthropology)	2	1	4	0
	SCIENCE Total			125	117	251	30
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	12	1	2
402			Surface Physics	1	0	4	1
403			Applied Optics and Quantum Optics	7	1	8	0
404			General Applied Physics	0	0	4	1
405			Fundamentals of Engineering	1	0	3	0
			Applied Physics·Fundamentals of Engineering total	9	13	20	4
411			Materials for Machines and Strength of Materials	5	8	15	4
412			Workshop Processes and Production Engineering	5	15	5	3
413			Design Engineering, Machine Elements and Tribology	0	0	2	0
414			Fluid Mechanics	1	1	7	2
415			Heat Engineering	1	3	7	7
416			Mechanics and Control Engineering	2	1	3	1
417			Intelligent Mechanics and Machine System	3	0	16	6
			Machine Engineering total	17	28	55	23
421			Electric Power Engineering and Electric Machinery	2	2	25	0
422			Electronic and Electric Materials Engineering	0	47	19	29
423			Electron Devices and Apparatus Engineering	14	8	40	8
424			Information and Communication Engineering	0	7	16	4

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	68	9	4	106
323			Solid-State Physics II (Magnetism, Metal Physics,	37	7	11	88
324			Physical Properties in General (inclu. Basic Theories)	34	1	4	53
325			Physics in General	35	2	15	79
			Physics total	224	30	45	448
331			Physics of Solid Earth	14	0	4	23
332			Meteorology, Oceanography and Hydrology	62	31	25	135
333			Aeronomy	8	0	0	16
334			Geology	6	2	1	16
335			Stratigraphy and Paleontology	1	1	0	5
336			Mineralogy, Petrology and Study of Mineral Deposit	5	0	2	7
337			Geochemistry	3	0	3	10
			Earth Science total	99	34	35	212
341			Physical Chemistry	47	2	7	78
342			Organic Chemistry	17	2	6	30
343			Inorganic Chemistry	21	1	6	44
344			Function, Properties and Materials in Chemistry	22	8	8	53
345			Substance Transformation	9	0	0	9
346			Separation, Refining and Identification	25	7	8	50
			Chemistry total	141	20	35	264
351			Genetics	7	1	0	13
352			Ecology	14	6	9	46
353			Plant Physiology	6	1	7	28
354			Morphology, Structure of Organism	11	4	5	24
355			Animal Physiology and	7	2	8	30
356			Morphology and Taxonomy	5	0	7	14
			Biology total	50	14	36	155
361			Physical Anthropology (inclu. Physiological Anthropology)	5	2	5	19
			SCIENCE Total	672	110	210	1,515
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	36	5	19	75
402			Surface Physics	22	6	2	36
403			Applied Optics and Quantum Optics	32	4	13	65
404			General Applied Physics	89	31	0	125
405			Fundamentals of Engineering	18	2	6	30
			Applied Physics·Fundamentals of Engineering total	197	48	40	331
411			Materials for Machines and Workshop of Materials	112	24	46	214
412			Workshop Processes and Production Engineering	50	8	4	90
413			Design Engineering, Machine Elements and Tribology	28	5	7	42
414			Fluid Mechanics	36	55	5	105
415			Heat Engineering	35	18	11	82
416			Mechanics and Control Engineering	52	19	13	91
417			Intelligent Mechanics and Machine System	92	7	41	165
			Machine Engineering total	405	136	127	789
421			Electric Power Engineering and Electric Machinery	72	23	24	148
422			Electronic and Electric Materials Engineering	200	49	12	356
423			Electron Devices and Apparatus Engineering	154	45	38	307
424			Information and Communication Engineering	159	42	23	251

Table 50. Total Number of Times Speaking at 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
425	E		System Engineering	2	9	0	2
427			Electronic Measurements	1	0	17	1
428			Control Engineering	0	1	10	1
			Electric and Electronic Engineering	19	74	127	45
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	0
432			Structural Engineering and Seismology	2	1	5	1
433			Ground Engineering	3	4	2	4
434			Hydraulics and River Engineering	3	6	3	0
435			Traffic Engineering and Regional Planning	2	1	1	4
436			Civil Environmental System	6	0	1	0
			Civil Engineering total	17	12	12	9
441		N	Building Structure and Materials	3	0	6	1
442			Building Science and Building Equipment	3	5	4	2
443		G	City Planning and Building Planning	11	13	10	3
444		I	Architectural History and Design	0	5	6	0
			Architecture total	17	23	26	6
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	2	6	1
453		E	Composed Materials and Properties	1	0	1	0
454		E	Structural and Functional Materials	0	1	0	0
455		R	Metallurgy and Material	0	1	11	0
456			Metal Productive Engineering	0	0	4	0
			Material Engineering total	3	4	22	1
461		G	Chemical Engineering in General	0	0	11	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	2	2	2	9
465			Industrial Analytical Chemistry	1	0	1	1
			Process Engineering total	3	2	15	10
471			Industrial Physical Chemistry	0	11	4	0
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	0	2	0	0
474			Synthetic Chemistry	1	2	1	1
475			Polymer Synthesis	2	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	2	0
			Industrial Chemistry total	4	15	8	1
481			Aeronautics	0	0	3	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	1	0	9	0
484			Resource Development Engineering	2	2	3	1
			Synthetic Engineering total	3	2	15	1
	ENGINEERING Total			92	173	300	100
501	A G R I C U L T U R E		Plant Breeding	2	0	1	0
502			Crop Science	0	1	0	0
503			Horticulture and Landscape Architecture	6	1	0	0
504			Plant Protection	1	2	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	9	4	1	0
511			Plant Fertilizer and Manure and Soil Science	4	0	6	0
512			Applied Microbiochemistry and Applied Biochemistry	1	3	5	4
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0
514			Food Science and Nutritional Chemistry	3	4	0	0

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	28	2	10	53
427			Electronic Measurements	76	21	16	132
428			Control Engineering	29	10	8	59
			Electric and Electronic Engineering	718	192	131	1,306
431			Construction Materials and Dynamics in General Civil Engineering	13	4	5	23
432			Structural Engineering and Seismology	58	11	12	90
433			Ground Engineering	9	9	6	37
434			Hydraulics and River Engineering	24	7	5	48
435			Traffic Engineering and Regional Planning	24	2	14	48
436			Civil Environmental System	4	6	6	23
			Civil Engineering total	132	39	48	269
441		N	Building Structure and Materials	54	5	19	88
442			Building Science and Building Equipment	61	9	8	92
443		G	City Planning and Building Planning	36	5	24	102
444		I	Architectural History and Design	4	0	8	23
			Architecture total	155	19	59	305
451		N	Physical Metallurgy	11	0	2	13
452			Inorganic Materials and	33	21	14	79
453		E	Composed Materials and Properties	11	2	2	17
454		E	Structural and Functional Materials	13	2	9	25
455		R	Metallurgy and Material	28	53	1	94
456			Metal Productive Engineering	19	0	18	41
			Material Engineering total	115	78	46	269
461		N	Chemical Engineering in General	20	7	1	39
462			Reaction and Separation Engineering	3	21	3	28
463			Catalyst and Chemical Process	4	1	0	5
464			Bioengineering	13	1	3	32
465			Industrial Analytical Chemistry	60	0	1	64
			Process Engineering total	100	30	8	168
471			Industrial Physical Chemistry	29	2	1	47
472			Industrial Inorganic Chemistry	7	2	1	11
473			Industrial Organic Chemistry	1	1	1	5
474			Synthetic Chemistry	28	9	2	44
475			Polymer Synthesis	10	0	2	14
476			Polymer Structure and Property (inclu. Fiber)	29	2	3	37
			Industrial Chemistry total	104	16	10	158
481			Aeronautics	6	3	14	26
482			Ship Engineering	5	0	0	5
483			Marine Engineering	4	7	1	22
484			Resource Development Engineering	11	5	1	25
			Synthetic Engineering total	26	15	16	78
	ENGINEERING Total			1,952	573	485	3,673
501	A G R I C U L T U R E		Plant Breeding	3	3	5	14
502			Crop Science	1	0	0	2
503			Horticulture and Landscape Architecture	7	0	1	15
504			Plant Protection	8	1	3	15
505			Sericultural Science and Economic Entomology	2	0	0	2
			Agriculture total	21	4	9	48
511			Plant Fertilizer and Manure and Soil Science	2	1	0	13
512			Applied Microbiochemistry and Applied Biochemistry	30	6	15	64
513			Biological Productive Chemistry and Bioorganic Chemistry	13	4	5	22
514			Food Science and Nutritional Chemistry	28	7	25	67

Table 50. Total Number of Times Speaking at 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
	A		Agricultural Chemistry total	8	7	11	4
521			Forestry	1	0	0	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	0	0	0
531	R		Fisheries in General	3	3	10	1
532			Fisheries Chemistry	0	1	3	0
			Fisheries total	3	4	13	1
541	I		Agricultural Economics	0	4	1	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	1	0	0	1
561	T		Animal Science and Grassland Science	0	6	0	1
562	U		Applied Animal Science	0	2	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	1	1	2
564			Applied Veterinary Medicine	2	2	6	2
	E		Animal Science·Veterinary Medicine total	4	11	7	5
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	1	0	2	0
			Interdisciplinary Agricultural Science total	1	0	2	0
			AGRICULTURE Total	27	30	35	15
601			Anatomy in General (inclu. Histology, Embryology)	3	3	7	0
602			Physiology in General	3	10	10	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	4	1
604			Pharmacology in General	23	6	27	1
605			Medical Chemistry in General	4	3	0	0
606			Pathological Medical Chemistry	0	9	2	0
	M		Physiology total	33	32	50	2
611			Hominal Pathology	11	8	5	0
612	E		Experimental Pathology	1	6	2	0
613	D		Parasitology (inclu. Medical Zoology)	4	0	1	1
614			Bacteriology (inclu. Eumycetes)	10	3	6	2
615	I		Virology	2	1	1	1
616			Immunology	6	10	5	3
	C		Pathology total	34	28	20	7
621			Hygiene	8	1	11	9
622	I		Public Health and Health Science	16	14	5	9
623			Legal Medicine	1	4	2	0
	N		Social Medicine total	25	19	18	18
631			Internal Medicine in General	9	17	3	1
632	E		Gastroenterology	3	13	14	1
633			Internal Medicine Respiratory System	1	5	2	1
634			Neurological Medicine	4	6	3	3
635			Cardioangiopathy	18	24	25	9
636			Pediatrics	19	13	14	3
637			Dermatology	10	2	4	0
638			Radiology	7	12	6	9
639			Neuropsychiatry	11	5	6	5
641			Hematology	9	5	6	5
642			Internal Medicine of Kidney	9	28	0	2
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	2	2	0
			Internal Medicine total	102	132	86	39
651			Surgery in General	19	7	3	0
652			Gastroenterological Surgery	17	7	4	0
653			Thoracic Surgery	3	3	0	1

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	73	18	45	166
521			Forestry	2	1	6	10
522	G		Wood Science	2	0	0	2
			Forestry total	4	1	6	12
531	R		Fisheries in General	23	1	12	53
532			Fisheries Chemistry	7	0	2	13
			Fisheries total	30	1	14	66
541	I		Agricultural Economics	5	1	2	17
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	4	7	17
552	U		Agricultural Machinery	6	2	1	9
553	L		Biological Environment	0	3	4	7
			Agricultural Engineering total	10	9	12	33
561	T		Animal Science and Grassland Science	0	0	0	7
562	U		Applied Animal Science	13	2	1	18
563	R		Basic Veterinary Medicine and Basic Animal Science	42	1	4	53
564			Applied Veterinary Medicine	13	0	2	27
	E		Animal Science·Veterinary Medicine total	68	3	7	105
571			Biological Resource Science	6	0	1	7
572			Applied Molecular Cell Biology	13	1	2	19
			Interdisciplinary Agricultural Science total	19	1	3	26
			AGRICULTURE Total	230	38	98	473
601			Anatomy in General (inclu. Histology, Embryology)	30	1	17	61
602			Physiology in General	30	5	28	86
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	26	1	20	53
604			Pharmacology in General	23	12	78	170
605			Medical Chemistry in General	18	23	16	64
606			Pathological Medical Chemistry	11	1	3	26
	M		Physiology total	138	43	162	460
611			Hominal Pathology	8	4	50	86
612	E		Experimental Pathology	8	1	25	43
613	D		Parasitology (inclu. Medical Zoology)	18	0	7	31
614			Bacteriology (inclu. Eumycetes)	35	7	15	78
615	I		Virology	5	2	5	17
616			Immunology	14	5	31	74
	C		Pathology total	88	19	133	329
621			Hygiene	24	11	39	103
622	I		Public Health and Health Science	40	13	57	154
623			Legal Medicine	6	1	12	26
	N		Social Medicine total	70	25	108	283
631	E		Internal Medicine in General	24	5	19	78
632			Gastroenterology	16	5	93	145
633			Internal Medicine Respiratory System	35	3	28	75
634			Neurological Medicine	27	2	20	59
635			Cardioangiopathy	60	13	84	233
636			Pediatrics	41	10	82	182
637			Dermatology	4	3	10	33
638			Radiology	51	25	22	132
639			Neuropsychiatry	9	11	41	88
641			Hematology	48	6	14	93
642			Internal Medicine of Kidney	13	1	31	84
643			Embryology and Newborn	0	1	4	6
644			Endocrinology	8	4	15	29
645			Metabolic Science	4	2	34	44
			Internal Medicine total	340	91	497	1,281
651			Surgery in General	24	2	73	128
652			Gastroenterological Surgery	38	2	28	96
653			Thoracic Surgery	14	1	12	34

Table 50. Total Number of Times Speaking at 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
654	M		Neurosurgery	21	33	6	0
655			Orthopedic Surgery	2	10	5	2
656			Anesthesiology and Rescue Medicine	1	0	5	0
657			Urology	9	9	1	3
658			Obstetrics and Gynecology	3	8	0	0
659			Oto-rhino-laryngology	2	4	1	0
660			Ophthalmology	0	4	0	5
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	1	0	1	1
			Surgery total	78	85	26	12
671	E		Oral Anatomy and Morphological Basic Dentistry	3	3	7	1
672	D		Functional Basic Dentistry	5	1	5	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	1	9	0
674	C		Conservative Dentistry	3	7	6	0
675			Prosthodontics and Dental Technology	4	9	9	2
676	I		Oral Surgery	1	7	17	1
677	N		Orthodontics, Pedodontics and Social Dentistry	4	11	10	1
678			Periodontological Dentistry	0	5	1	1
	E		Dentistry total	23	44	64	6
681			Chemical Pharmaceutics	10	1	9	1
682			Physical Pharmaceutics	20	26	11	5
683			Biopharmaceutics	17	13	4	2
684			Molecular Pharmaceutics	12	2	3	6
685			Environmental Pharmaceutics	1	0	0	0
		Pharmaceutics total	60	42	27	14	
691			Medical Sociology	3	3	4	1
692			Human Genetics	5	2	7	0
693			Applied Pharmacology and Medical Pharmacology	0	2	1	0
694			Pathological Examination	11	0	16	0
696			Science of Basic and Local Nursing	1	0	1	1
697			Science of Clinical Nursing	0	0	13	0
			Medicine in General total	20	7	42	2
		MEDICINE Total	375	389	333	100	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	0	2	2
703			Physical Education	10	26	9	2
704			Human Geography	4	4	1	0
705			Physical Geography	0	3	2	1
			Geography total	4	7	3	1
706			Home Science(inclu. Cloth/Living Environments)	6	3	3	0
707			Food Culture	4	7	1	0
			Domestic Science total	10	10	4	0
708			Science of Cultural Property	5	6	0	0
711			Science Education	0	1	2	0
712			Educational Engineering	5	1	24	0
713			Curriculum Studies	1	6	4	0
714			Japanese Language Education	5	2	2	2
		A R E A		Science Education·Curriculum Education total	11	10	32
721	Statistics			10	1	8	0
731	Computer Science			24	14	30	7
732	Intelligent Informatics			3	6	52	11
733	Study of Information System (Inclu. Library and Information Science)			2	5	20	3
	Information Science total			29	25	102	21
741	Social System Engineering			10	1	14	9
751	Natural Disaster Science			2	8	1	4
761	Plasma Science and Technology			4	3	2	8
772	I	Nuclear Fusion		0	0	1	

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	30	7	107	204
655			Orthopedic Surgery	30	17	59	125
656			Anesthesiology and Rescue Medicine	22	1	30	59
657			Urology	23	10	104	159
658			Obstetrics and Gynecology	9	7	69	96
659			Oto-rhino-laryngology	12	1	25	45
660			Ophthalmology	17	4	37	67
661			Pediatric Surgery	2	0	8	10
662			Formative Surgery	13	1	17	34
			Surgery total	234	53	569	1,057
671	E		Oral Anatomy and Morphological Basic Dentistry	72	4	17	107
672	D		Functional Basic Dentistry	41	2	18	72
673	I		Morbid Dentistry (inclu. Dental Radiology)	42	3	17	75
674	C		Conservative Dentistry	63	4	19	102
675			Prosthodontics and Dental Technology	120	1	50	195
676	I		Oral Surgery	81	4	39	150
677	N		Orthodontics, Pedodontics and Social Dentistry	74	4	31	135
678			Periodontological Dentistry	14	2	4	27
	E		Dentistry total	507	24	195	863
681			Chemical Pharmaceutics	86	15	15	137
682			Physical Pharmaceutics	70	24	18	174
683			Biopharmaceutics	140	9	13	198
684			Molecular Pharmaceutics	59	4	11	97
685			Environmental Pharmaceutics	27	0	2	30
			Pharmaceutics total	382	52	59	636
691			Medical Sociology	18	2	5	36
692			Human Genetics	25	2	8	49
693			Applied Pharmacology and Medical Pharmacology	37	4	28	72
694			Pathological Examination	18	4	52	101
696			Science of Basic and Local Nursing	9	1	5	18
697			Science of Clinical Nursing	12	0	16	41
			Medicine in General total	119	13	114	317
			MEDICINE Total	1,878	320	1,837	5,226
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)	4	1	1	11
703			Physical Education	43	9	53	152
704			Human Geography	10	0	4	23
705			Physical Geography	4	0	6	16
			Geography total	14	0	10	39
706			Home Science(inclu. Cloth/Living Environments)	16	3	17	48
707			Food Culture	27	2	15	56
			Domestic Science total	43	5	32	104
708			Science of Cultural Property	0	0	0	11
711			Science Education	5	1	7	16
712	A R E A		Educational Engineering	46	5	23	104
713			Curriculum Studies	23	0	34	68
714			Japanese Language Education	14	12	11	48
			Science Education·Curriculum Education total	88	18	75	236
721			Statistics	41	0	10	70
731			Computer Science	99	17	28	219
732			Intelligent Informatics	185	50	39	345
733			Study of Information System (Inclu. Library and Information Science)	85	17	34	166
			Information Science total	369	84	101	730
741			Social System Engineering	70	14	25	143
751	I		Natural Disaster Science	2	4	3	24
761			Plasma Science and Technology	10	13	1	41
772			Nuclear Fusion	3	0	22	26

Table 50. Total Number of Times Speaking at 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
773	N		Energy Science General	3	0	1	4
774			Nuclear Power Science	0	2	1	0
	E		Energy total	3	2	3	4
801	R		Environmental Dynamic Analysis	6	5	0	7
802			Environmental Influence Assessment (inclu. Radiobiology)	8	5	4	0
803			Environmental Preservation	9	6	0	4
			Environmental Science total	23	16	4	11
811	I		Biological Organic Chemistry	0	0	3	0
812			Structured Biochemistry	1	0	1	0
813			Functional Biochemistry	2	7	9	0
			Biological Chemistry total	3	7	13	0
821	N		Biophysics	0	2	9	2
822			Molecular Biology	10	6	14	3
823			Cell Biology	5	4	14	2
824			Developmental Biology	0	0	3	0
			Basic Biology total	15	12	40	7
831	A		Neuroanatomy and Neuropathology	2	1	4	6
832			Neurochemistry and Neuropharmacology	5	0	4	4
833			Neuro Science in General	9	6	20	20
834			Neuro and Muscular Physiology	3	4	8	3
			Neuro Science (inclu. Brain Science) total	19	11	36	33
841			Laboratory Animal Science	0	0	2	0
851			Medical Organism Engineering and Material Science of Organism	5	12	22	4
	INTERDISCIPLINARY AREA Total			164	157	297	108
999	WIDE AREA Total			36	89	24	17
	Item n.a. Total			525	617	719	169
	Grand Total			1,962	2,152	2,242	670

Table 50. Total Number of Times Speaking at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Private Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N T		Energy Science General	2	8	1	19
774			Nuclear Power Science	1	1	1	6
	E		Energy total	6	9	24	51
801	R D I S		Environmental Dynamic Analysis	23	13	9	63
802			Environmental Influence Assessment (inclu. Radiobiology)	11	13	7	48
803			Environmental Preservation	36	11	8	74
			Environmental Science total	70	37	24	185
811	I P L I		Biological Organic Chemistry	23	0	2	28
812			Structured Biochemistry	15	3	2	22
813			Functional Biochemistry	37	3	19	77
			Biological Chemistry total	75	6	23	127
821	N A R Y		Biophysics	39	2	7	61
822			Molecular Biology	52	9	16	110
823			Cell Biology	15	2	8	50
824			Developmental Biology	5	5	0	13
			Basic Biology total	111	18	31	234
831	A R E A		Neuroanatomy and Neuropathology	10	2	15	40
832			Neurochemistry and Neuropharmacology	25	2	4	44
833			Neuro Science in General	29	19	47	150
834			Neuro and Muscular Physiology	12	3	15	48
			Neuro Science (inclu. Brain Science) total	76	26	81	282
841			Laboratory Animal Science	5	1	2	10
851			Medical Organism Engineering and Material Science of Organism	72	11	36	162
	INTERDISCIPLINARY AREA Total			1,099	256	532	2,612
999	WIDE AREA Total			63	21	42	292
	Item n.a. Total			3,052	552	1,972	7,606
	Grand Total			10,142	2,053	5,815	25,024

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subd ivisi on	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	451	358	76	9	3	169	1	16	135	586
212			Chinese Philosophy	99	29	2	0	0	0	95	2	47	146
213			Indian Philosophy (inclu. Buddhist Studies)	182	176	5	0	0	13	9	11	117	299
214			Religion	269	227	23	5	1	68	0	29	58	327
215			Ethics	111	103	5	3	0	32	1	2	37	148
216			History of Philosophy	177	131	26	5	3	50	8	21	73	250
217			Aesthetics (inclu. Arts)	833	674	80	13	3	158	20	73	1,037	1,870
218			Art History	215	176	27	7	1	19	20	34	91	306
			Philosophy total	2,337	1,874	244	42	11	509	154	188	1,595	3,932
221			Experimental Psychology	453	452	4	1	1	4	1	3	74	527
222			Educational and Social	1,420	1,406	12	3	3	27	8	12	510	1,930
223			Sociology	1,315	1,267	62	12	3	40	33	53	740	2,055
224			Education	1,284	1,217	43	13	10	109	22	41	669	1,953
225			Cultural Anthropology (inclu. Ethnology and Folklore)	438	394	24	23	3	11	31	63	96	534
			Psychology·Sociology·Education Cultural Anthropology total	4,910	4,736	145	52	20	191	95	172	2,089	6,999
231			Japanese History	215	194	5	0	2	9	13	24	444	659
232			Oriental History	319	189	5	0	3	2	166	66	78	397
233			European History	411	334	47	34	20	66	1	43	83	494
234			Archaeology (inclu. Prehistory)	157	141	3	2	5	5	13	15	78	235
			History total	1,102	858	60	36	30	82	193	148	683	1,785
241			Japanese Language	158	142	2	2	1	3	14	21	251	409
242			Japanese Literature	331	268	15	2	2	13	50	38	892	1,223
243			Chinese Language and Literature	314	55	1	0	0	1	308	10	78	392
244			English Language and Literature	2,164	2,158	40	11	3	15	3	39	280	2,444
245			French Language and Literature	517	214	354	4	19	26	0	9	75	592
246			German Language and Literature	452	101	3	11	0	436	0	4	63	515
247			Other Foreign Languages and Literatures	434	291	13	74	72	8	10	137	46	480
248			Linguistics and Phonetics	980	916	63	33	9	39	33	81	125	1,105
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	228	184	44	1	6	27	17	32	58	286
			Literature total	5,578	4,329	535	138	112	568	435	371	1,868	7,446
			ARTS·HUMANITIES Total	13,927	11,797	984	268	173	1,350	877	879	6,235	20,162
261	L A W		Basic Science of Law	225	185	15	3	4	52	14	11	75	300
262			Public Law	254	209	30	2	0	69	3	2	142	396
263			International Law	210	204	19	3	6	15	9	13	40	250
264			Civil Law	441	351	48	6	1	144	12	9	231	672
265			Social Law	116	105	7	2	1	21	1	1	45	161
266			Criminal Law	124	95	6	0	1	49	4	4	54	178
267			Politics	725	672	57	12	20	45	46	48	175	900
			LAW Total	2,095	1,821	182	28	33	395	89	88	762	2,857
271	E C O N O M I C S		General Theory of Economics	776	757	24	4	12	39	19	18	192	968
272			Economical Statistics	144	144	3	0	2	4	5	1	48	192
273			Economic Policy (inclu. Economic Condition)	841	797	17	14	15	25	42	49	239	1,080
274			Economic History	292	268	23	7	8	35	11	18	105	397
275			Public Finance, Money and Banking	356	350	5	2	4	16	5	8	116	472
276			Commercial Science	296	291	7	3	0	9	6	10	125	421
277			Business Administration	820	801	13	5	1	37	21	36	341	1,161
278			Accounting	408	397	10	1	0	30	3	9	186	594
			ECONOMICS Total	3,933	3,805	102	36	42	195	112	149	1,352	5,285
301	S C I E N C E		Algebra	354	353	13	1	1	2	0	0	65	419
302			Geometry	306	305	9	1	2	2	0	2	69	375
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	453	452	9	0	0	3	4	1	88	541
305			Basic Analysis	308	307	12	0	1	2	1	0	45	353
306			Larger-area Analysis	162	162	8	1	0	1	0	1	15	177
			Mathematics total	1,583	1,579	51	3	4	10	5	4	282	1,865
311			Astronomy	175	175	2	0	0	0	0	0	25	200
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	651	651	5	0	1	6	1	0	76	727

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	350	350	2	0	1	4	3	2	38	388
323			Solid-State Physics II (Magnetism, Metal Physics,	367	367	4	1	0	3	1	0	47	414
324			Physical Properties in General (inclu. Basic Theories)	256	256	1	0	1	1	0	0	32	288
325			Physics in General	250	249	3	1	0	5	0	0	44	294
			Physics total	1,874	1,873	15	2	3	19	5	2	237	2,111
331			Physics of Solid Earth	198	198	0	0	0	0	1	0	14	212
332			Meteorology, Oceanography and Hydrology	234	233	0	1	1	1	1	3	28	262
333			Aeronomy	81	81	0	0	0	0	0	0	5	86
334			Geology	145	145	1	0	0	1	1	0	17	162
335			Stratigraphy and Paleontology	75	75	0	0	0	1	0	1	12	87
336			Mineralogy, Petrology and Study of Mineral Deposit	156	156	3	1	0	3	1	0	16	172
337			Geochemistry	101	101	0	1	1	0	1	1	13	114
			Earth Science total	990	989	4	3	2	6	5	5	105	1,095
341			Physical Chemistry	468	468	1	0	1	4	1	0	60	528
342			Organic Chemistry	392	392	0	0	0	2	0	0	74	466
343			Inorganic Chemistry	235	235	0	1	0	0	0	0	34	269
344			Function, Properties and Materials in Chemistry	222	222	2	0	0	0	0	1	18	240
345			Substance Transformation	63	62	0	0	0	0	1	1	5	68
346			Separation, Refining and Identification	142	142	0	0	0	0	1	0	22	164
			Chemistry total	1,522	1,521	3	1	1	6	3	2	213	1,735
351			Genetics	193	193	0	1	0	0	2	1	33	226
352			Ecology	372	370	2	2	0	2	2	4	52	424
353			Plant Physiology	225	224	2	0	0	1	3	2	35	260
354			Morphology, Structure of Organism	137	137	0	0	0	2	1	0	16	153
355			Animal Physiology and	136	136	0	0	0	1	0	0	16	152
356			Morphology and Taxonomy	184	184	1	1	1	3	0	0	21	205
			Biology total	1,247	1,244	5	4	1	9	8	7	173	1,420
361			Physical Anthropology (inclu. Physiological Anthropology)	94	93	2	2	0	2	1	2	10	104
	SCIENCE Total			7,485	7,474	82	15	11	52	27	22	1,045	8,530
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	226	226	2	0	0	4	1	2	17	243
402			Surface Physics	129	129	0	0	0	0	0	1	13	142
403			Applied Optics and Quantum Optics	234	234	2	0	0	1	0	1	25	259
404			General Applied Physics	136	136	0	0	0	0	0	0	23	159
405			Fundamentals of Engineering	92	92	1	0	0	1	0	0	20	112
			Applied Physics·Fundamentals of Engineering total	817	817	5	0	0	6	1	4	98	915
411			Materials for Machines and Strength of Materials	411	411	0	0	0	3	5	3	58	469
412			Workshop Processes and Production Engineering	288	288	0	0	1	3	4	2	58	346
413			Design Engineering, Machine Elements and Tribology	198	197	1	0	0	1	2	3	43	241
414			Fluid Mechanics	386	386	2	0	0	3	3	1	56	442
415			Heat Engineering	355	355	0	0	0	3	3	1	61	416
416			Mechanics and Control Engineering	270	270	0	0	1	2	2	3	56	326
417			Intelligent Mechanics and Machine System	347	345	1	1	0	1	7	4	51	398
			Machine Engineering total	2,255	2,252	4	1	2	16	26	17	383	2,638
421			Electric Power Engineering and Electric Machinery	393	393	0	0	0	3	1	2	53	446
422			Electronic and Electric Materials Engineering	412	412	0	1	0	5	5	4	42	454
423			Electron Devices and Apparatus Engineering	444	444	2	1	0	0	2	1	46	490
424			Information and Communication Engineering	849	849	2	3	2	2	6	2	130	979

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
425	E N G I N E E R I N G		System Engineering	193	193	1	0	0	0	3	3	28	221
427			Electronic Measurements	310	310	2	0	0	0	3	2	25	335
428			Control Engineering	299	299	1	0	1	2	4	2	36	335
			Electric and Electronic Engineering	2,900	2,900	8	5	3	12	24	16	360	3,260
431			Construction Materials and Dynamics in General Civil Engineering	153	152	1	0	0	1	1	2	28	181
432			Structural Engineering and Seismology	244	242	0	2	0	5	5	1	30	274
433			Ground Engineering	223	222	1	0	0	1	4	2	35	258
434			Hydraulics and River Engineering	242	242	0	1	1	1	1	4	26	268
435			Traffic Engineering and Regional Planning	201	201	0	2	0	0	0	3	22	223
436			Civil Environmental System	181	181	2	2	0	1	1	2	29	210
			Civil Engineering total	1,244	1,240	4	7	1	9	12	14	170	1,414
441		G	Building Structure and Materials	357	357	0	2	0	0	2	5	71	428
442			Building Science and Building Equipment	218	218	1	1	0	1	1	1	25	243
443			City Planning and Building Planning	489	485	7	1	0	7	8	16	156	645
444			Architectural History and Design	182	173	10	1	2	5	4	10	122	304
			Architecture total	1,246	1,233	18	5	2	13	15	32	374	1,620
451		N	Physical Metallurgy	152	152	0	0	1	1	1	0	26	178
452			Inorganic Materials and	248	248	0	0	0	1	2	2	43	291
453			Composed Materials and Properties	77	76	0	1	0	0	0	1	14	91
454			Structural and Functional Materials	189	187	1	0	0	3	0	2	24	213
455		R	Metallurgy and Material	210	210	2	1	0	1	4	2	35	245
456			Metal Productive Engineering	83	83	0	1	0	0	1	0	14	97
			Material Engineering total	959	956	3	3	1	6	8	7	156	1,115
461		G	Chemical Engineering in General	180	180	1	0	1	0	0	0	23	203
462			Reaction and Separation Engineering	102	102	0	0	0	1	0	0	8	110
463			Catalyst and Chemical Process	98	98	0	0	0	0	2	0	7	105
464			Bioengineering	210	209	0	0	0	3	1	1	31	241
465			Industrial Analytical Chemistry	102	102	0	0	0	0	2	0	20	122
			Process Engineering total	692	691	1	0	1	4	5	1	89	781
471			Industrial Physical Chemistry	139	139	0	0	0	1	0	0	21	160
472			Industrial Inorganic Chemistry	82	82	0	0	0	1	0	0	16	98
473			Industrial Organic Chemistry	67	67	0	0	0	0	0	0	8	75
474			Synthetic Chemistry	198	198	1	0	0	1	0	0	26	224
475			Polymer Synthesis	156	156	0	0	0	1	0	0	35	191
476			Polymer Structure and Property (inclu. Fiber)	190	190	1	0	1	0	1	3	24	214
			Industrial Chemistry total	832	832	2	0	1	4	1	3	130	962
481			Aeronautics	117	117	0	0	0	0	1	1	16	133
482			Ship Engineering	87	87	0	0	0	1	0	3	19	106
483			Marine Engineering	35	35	0	0	0	0	0	0	5	40
484			Resource Development Engineering	84	84	0	0	0	1	1	0	6	90
			Synthetic Engineering total	323	323	0	0	0	2	2	4	46	369
			ENGINEERING Total	11,268	11,244	45	21	11	72	94	98	1,806	13,074
501	A G R I C U L T U R E		Plant Breeding	105	104	1	0	0	1	0	1	16	121
502			Crop Science	94	94	0	0	0	1	1	3	11	105
503			Horticulture and Landscape Architecture	236	231	3	2	1	3	1	8	57	293
504			Plant Protection	136	136	1	0	0	0	1	0	19	155
505			Sericultural Science and Economic Entomology	50	50	0	0	0	0	0	0	21	71
			Agriculture total	621	615	5	2	1	5	3	12	124	745
511			Plant Fertilizer and Manure and Soil Science	126	126	0	0	0	0	1	1	15	141
512			Applied Microbiochemistry and Applied Biochemistry	362	362	5	0	0	1	1	3	59	421
513			Biological Productive Chemistry and Bioorganic Chemistry	117	117	0	0	0	1	0	0	17	134
514			Food Science and Nutritional Chemistry	397	397	1	0	0	2	3	0	135	532

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subd ivisio n	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
	A		Agricultural Chemistry total	1,002	1,002	6	0	0	4	5	4	226	1,228
521			Forestry	224	224	1	1	0	5	0	1	34	258
522	G		Wood Science	135	135	1	0	0	2	1	0	22	157
			Forestry total	359	359	2	1	0	7	1	1	56	415
531	R		Fisheries in General	238	238	2	3	0	0	0	4	39	277
532			Fisheries Chemistry	83	83	0	0	0	0	1	0	13	96
			Fisheries total	321	321	2	3	0	0	1	4	52	373
541	I		Agricultural Economics	191	181	0	1	0	3	13	11	80	271
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	140	140	1	0	0	2	0	1	24	164
552	U		Agricultural Machinery	97	97	0	0	0	1	1	1	13	110
553	L		Biological Environment	49	49	0	0	0	1	1	0	9	58
			Agricultural Engineering total	286	286	1	0	0	4	2	2	46	332
561	T		Animal Science and Grassland Science	123	122	0	0	0	0	2	1	11	134
562	U		Applied Animal Science	114	113	0	1	0	4	0	0	20	134
563	R		Basic Veterinary Medicine and Basic Animal Science	182	181	2	1	0	1	2	3	32	214
564			Applied Veterinary Medicine	180	179	0	1	0	1	1	6	32	212
	E		Animal Science·Veterinary Medicine total	599	595	2	3	0	6	5	10	95	694
571			Biological Resource Science	53	53	1	1	0	0	1	2	4	57
572			Applied Molecular Cell Biology	56	56	0	0	0	0	1	0	7	63
			Interdisciplinary Agricultural Science total	109	109	1	1	0	0	2	2	11	120
			AGRICULTURE Total	3,488	3,468	19	11	1	29	32	46	690	4,178
601			Anatomy in General (inclu. Histology, Embryology)	291	291	1	2	0	8	3	1	35	326
602			Physiology in General	280	280	2	0	0	2	1	1	50	330
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	215	215	2	1	0	6	1	1	32	247
604			Pharmacology in General	234	233	0	0	0	2	1	1	18	252
605			Medical Chemistry in General	228	228	0	0	0	0	1	0	26	254
606			Pathological Medical Chemistry	115	115	0	0	0	1	0	1	14	129
	M		Physiology total	1,363	1,362	5	3	0	19	7	5	175	1,538
611			Hominal Pathology	327	327	0	1	0	5	5	2	56	383
612	E		Experimental Pathology	159	159	0	0	0	1	2	1	19	178
613	D		Parasitology (inclu. Medical Zoology)	124	124	1	3	0	2	1	1	10	134
614			Bacteriology (inclu. Eumycetes)	219	219	1	1	0	0	4	1	36	255
615	I		Virology	143	143	0	0	0	2	1	1	29	172
616			Immunology	253	253	0	0	0	0	1	1	40	293
	C		Pathology total	1,225	1,225	2	5	0	10	14	7	190	1,415
621			Hygiene	194	193	1	2	1	3	3	1	37	231
622	I		Public Health and Health Science	528	527	5	4	0	3	1	4	177	705
623			Legal Medicine	157	156	0	0	0	7	2	0	16	173
	N		Social Medicine total	879	876	6	6	1	13	6	5	230	1,109
631			Internal Medicine in General	364	364	2	0	0	1	0	3	67	431
632	E		Gastroenterology	412	412	1	1	0	1	1	1	68	480
633			Internal Medicine Respiratory System	208	208	0	0	0	0	0	0	22	230
634			Neurological Medicine	265	265	2	0	0	2	1	0	32	297
635			Cardioangiology	460	459	1	0	0	3	2	1	91	551
636			Pediatrics	415	415	0	0	0	0	0	0	81	496
637			Dermatology	209	209	1	0	0	2	1	0	57	266
638			Radiology	483	483	3	0	0	3	2	3	96	579
639			Neuropsychiatry	368	367	8	0	0	13	2	1	83	451
641			Hematology	301	301	0	0	0	2	0	0	34	335
642			Internal Medicine of Kidney	184	184	1	0	0	0	0	0	19	203
643			Embryology and Newborn	30	30	0	0	0	0	0	0	6	36
644			Endocrinology	152	152	1	0	0	0	0	0	16	168
645			Metabolic Science	171	171	0	0	0	0	1	0	27	198
			Internal Medicine total	4,022	4,020	20	1	0	27	10	9	699	4,721
651			Surgery in General	363	362	1	0	0	3	1	1	50	413
652			Gastroenterological Surgery	350	350	1	0	0	2	0	1	49	399
653			Thoracic Surgery	252	252	2	0	0	2	0	0	47	299

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subj ect	Subd ivisio n	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
654	M		Neurosurgery	286	286	2	0	0	2	0	0	42	328
655			Orthopedic Surgery	507	506	5	0	0	4	1	2	81	588
656			Anesthesiology and Rescue Medicine	364	364	1	0	0	2	1	0	78	442
657			Urology	248	248	0	0	0	4	1	0	45	293
658			Obstetrics and Gynecology	337	337	2	0	0	2	1	1	64	401
659			Oto-rhino-laryngology	234	234	1	0	0	2	2	1	66	300
660			Ophthalmology	253	253	1	1	0	1	0	0	38	291
661			Pediatric Surgery	62	62	0	0	0	0	0	0	6	68
662			Formative Surgery	76	76	0	0	0	0	0	0	29	105
			Surgery total	3,332	3,330	16	1	0	24	7	6	595	3,927
671	E		Oral Anatomy and Morphological Basic Dentistry	228	228	1	1	0	1	2	2	56	284
672	D		Functional Basic Dentistry	177	177	2	0	1	2	0	2	31	208
673	I		Morbid Dentistry (inclu. Dental Radiology)	158	158	0	0	0	0	0	1	53	211
674	C		Conservative Dentistry	273	273	0	0	0	1	2	0	115	388
675			Prosthodontics and Dental Technology	389	389	0	1	0	5	3	2	166	555
676	I		Oral Surgery	486	486	1	0	0	7	1	0	143	629
677	N		Orthodontics, Pedodontics and Social Dentistry	419	419	0	0	0	4	1	6	191	610
678			Periodontological Dentistry	101	101	0	0	0	1	1	0	48	149
	E		Dentistry total	2,231	2,231	4	2	1	21	10	13	803	3,034
681			Chemical Pharmaceuticals	399	399	1	0	0	4	2	0	62	461
682			Physical Pharmaceuticals	176	176	0	0	0	0	0	0	29	205
683			Biopharmaceutics	449	449	2	1	0	0	5	3	65	514
684			Molecular Pharmaceutics	147	147	0	0	0	0	0	0	21	168
685			Environmental Pharmaceutics	54	54	0	0	0	0	1	0	9	63
			Pharmaceutics total	1,225	1,225	3	1	0	4	8	3	186	1,411
691			Medical Sociology	199	197	4	1	0	3	0	1	48	247
692			Human Genetics	117	117	1	0	0	0	0	0	32	149
693			Applied Pharmacology and Medical Pharmacology	128	127	0	0	0	1	2	1	14	142
694			Pathological Examination	140	140	0	0	0	0	1	0	26	166
696			Science of Basic and Local Nursing	302	301	0	2	0	2	0	2	346	648
697			Science of Clinical Nursing	363	362	2	0	0	1	0	2	398	761
			Medicine in General total	1,249	1,244	7	3	0	7	3	6	864	2,113
			MEDICINE Total	15,526	15,513	63	22	2	125	65	54	3,742	19,268
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)	117	116	6	1	0	8	2	3	27	144
703			Physical Education	996	974	2	8	0	46	6	9	770	1,766
704			Human Geography	210	204	7	2	3	4	5	11	69	279
705			Physical Geography	115	115	1	3	0	2	1	2	27	142
			Geography total	325	319	8	5	3	6	6	13	96	421
706			Home Science(inclu. Cloth/Living Environments)	350	346	6	5	1	2	8	9	324	674
707			Food Culture	238	236	1	0	0	1	0	1	244	482
			Domestic Science total	588	582	7	5	1	3	8	10	568	1,156
708			Science of Cultural Property	31	31	2	0	0	0	0	1	6	37
711			Science Education	192	191	3	1	0	3	3	2	53	245
712			Educational Engineering	288	287	0	0	0	4	0	2	91	379
713			Curriculum Studies	659	642	8	3	1	25	3	10	466	1,125
714			Japanese Language Education	150	133	4	3	0	2	11	17	80	230
			Science Education·Curriculum Education total	1,289	1,253	15	7	1	34	17	31	690	1,979
721			Statistics	138	138	0	0	0	3	1	0	25	163
731			Computer Science	741	740	2	1	2	1	4	4	161	902
732			Intelligent Informatics	767	766	3	0	1	2	7	9	85	852
733			Study of Information System (Inclu. Library and Information Science)	522	521	10	2	0	6	7	8	181	703
			Information Science total	2,030	2,027	15	3	3	9	18	21	427	2,457
741	I		Social System Engineering	352	352	2	0	1	4	4	3	41	393
751			Natural Disaster Science	48	48	0	0	0	0	1	0	3	51
761			Plasma Science and Technology	182	182	0	0	0	0	0	0	10	192
772			Nuclear Fusion	70	70	1	0	0	1	0	0	4	74

Table 51. Languages Other Than Japanese Used to Present Research Findings, Etc., by Field of Specialization

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	78	78	0	0	0	1	0	1	7	85
774			Nuclear Power Science	135	134	1	0	1	0	0	2	12	147
			Energy total	283	282	2	0	1	2	0	3	23	306
801			Environmental Dynamic Analysis	170	170	1	0	0	0	0	0	30	200
802			Environmental Influence Assessment (inclu. Radiobiology)	170	169	1	0	0	1	1	0	29	199
803			Environmental Preservation	250	249	2	0	0	3	3	2	35	285
			Environmental Science total	590	588	4	0	0	4	4	2	94	684
811			Biological Organic Chemistry	148	147	0	1	0	0	0	0	17	165
812			Structured Biochemistry	144	144	0	0	1	1	0	0	20	164
813			Functional Biochemistry	206	206	0	0	0	0	2	0	30	236
			Biological Chemistry total	498	497	0	1	1	1	2	0	67	565
821			Biophysics	204	204	0	0	1	0	0	1	29	233
822			Molecular Biology	455	455	1	1	1	2	0	0	74	529
823			Cell Biology	296	296	0	0	0	1	1	0	41	337
824			Developmental Biology	164	164	0	0	1	0	0	0	24	188
			Basic Biology total	1,119	1,119	1	1	3	3	1	1	168	1,287
831	A R E A		Neuroanatomy and Neuropathology	126	126	2	0	0	1	2	1	10	136
832			Neurochemistry and Neuropharmacology	138	138	1	1	0	0	0	1	14	152
833			Neuro Science in General	275	275	3	2	0	3	1	1	35	310
834			Neuro and Muscular Physiology	179	178	4	1	1	4	3	0	25	204
			Neuro Science (inclu. Brain Science) total	718	717	10	4	1	8	6	3	84	802
841			Laboratory Animal Science	63	62	1	0	0	1	0	1	25	88
851			Medical Organism Engineering and Material Science of Organism	369	367	1	0	0	1	4	3	43	412
	INTERDISCIPLINARY AREA Total			9,736	9,654	76	35	15	133	80	104	3,167	12,903
999	WIDE AREA Total			1,290	1,194	40	12	13	79	26	61	953	2,243
	Item n.a. Total			35,265	33,892	713	158	131	1,093	720	631	42,162	77,427
	Grand Total			104,013	99,862	2,306	606	432	3,523	2,122	2,132	61,914	165,927

Table 52. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subj ect	Subd ivisi on	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	468	377	85	10	2	209	1	18	118	586
212			Chinese Philosophy	104	30	1	0	0	0	97	1	42	146
213			Indian Philosophy (inclu. Buddhist Studies)	188	181	9	0	0	13	11	11	111	299
214			Religion	264	227	25	5	1	76	0	25	63	327
215			Ethics	118	108	7	3	0	46	1	3	30	148
216			History of Philosophy	179	141	27	5	3	54	10	19	71	250
217			Aesthetics (inclu. Arts)	743	640	76	11	5	148	19	49	1,127	1,870
218			Art History	213	182	31	6	1	19	19	33	93	306
			Philosophy total	2,277	1,886	261	40	12	565	158	159	1,655	3,932
221			Experimental Psychology	456	455	5	0	0	3	0	2	71	527
222			Educational and Social	1,412	1,406	18	3	3	38	6	9	518	1,930
223			Sociology	1,305	1,265	66	10	3	65	31	42	750	2,055
224			Education	1,282	1,227	42	13	14	142	19	28	671	1,953
225			Cultural Anthropology (inclu. Ethnology and Folklore)	430	389	31	21	2	10	32	47	104	534
			Psychology·Sociology·Education Cultural Anthropology total	4,885	4,742	162	47	22	258	88	128	2,114	6,999
231			Japanese History	209	192	6	0	1	7	13	18	450	659
232			Oriental History	316	192	5	0	4	2	169	61	81	397
233			European History	414	341	51	35	26	73	1	43	80	494
234			Archaeology (inclu. Prehistory)	152	141	4	2	5	4	17	12	83	235
			History total	1,091	866	66	37	36	86	200	134	694	1,785
241			Japanese Language	162	147	2	1	1	2	17	14	247	409
242			Japanese Literature	306	249	14	1	2	10	49	26	917	1,223
243			Chinese Language and Literature	310	63	1	0	0	1	304	10	82	392
244			English Language and Literature	2,171	2,169	48	8	4	18	2	24	273	2,444
245			French Language and Literature	522	237	362	4	19	26	0	7	70	592
246			German Language and Literature	459	159	6	12	2	441	0	4	56	515
247			Other Foreign Languages and Literatures	427	301	14	75	73	10	9	128	53	480
248			Linguistics and Phonetics	976	922	69	29	7	41	30	80	129	1,105
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	227	185	47	0	7	30	18	27	59	286
			Literature total	5,560	4,432	563	130	115	579	429	320	1,886	7,446
			ARTS·HUMANITIES Total	13,813	11,926	1,052	254	185	1,488	875	741	6,349	20,162
261	L A W		Basic Science of Law	228	193	16	3	3	58	14	12	72	300
262			Public Law	269	225	34	1	0	84	2	1	127	396
263			International Law	207	198	21	2	6	17	9	6	43	250
264			Civil Law	446	361	56	7	0	169	11	8	226	672
265			Social Law	117	104	9	2	1	26	1	1	44	161
266			Criminal Law	123	101	7	0	1	60	4	4	55	178
267			Politics	715	674	56	12	17	50	38	53	185	900
			LAW Total	2,105	1,856	199	27	28	464	79	85	752	2,857
271	E C O N O M I C S		General Theory of Economics	789	777	31	2	12	50	16	15	179	968
272			Economical Statistics	153	153	4	0	4	5	5	1	39	192
273			Economic Policy (inclu. Economic Condition)	854	818	24	8	17	44	38	49	226	1,080
274			Economic History	298	277	24	6	9	37	13	17	99	397
275			Public Finance, Money and Banking	356	349	6	1	1	20	2	8	116	472
276			Commercial Science	301	298	10	1	2	14	4	7	120	421
277			Business Administration	823	809	20	6	1	49	16	30	338	1,161
278			Accounting	415	408	19	1	0	43	5	6	179	594
			ECONOMICS Total	3,989	3,889	138	25	46	262	99	133	1,296	5,285
301	S C I E N C E		Algebra	371	370	16	0	1	5	0	0	48	419
302			Geometry	324	324	14	1	2	3	0	0	51	375
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	471	471	11	0	0	5	3	1	70	541
305			Basic Analysis	322	322	21	0	2	7	1	1	31	353
306			Larger-area Analysis	163	163	13	1	1	0	0	0	14	177
			Mathematics total	1,651	1,650	75	2	6	20	4	2	214	1,865
311			Astronomy	179	179	2	0	0	1	0	0	21	200
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	668	668	2	2	2	8	0	0	59	727

Table 52. 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	358	358	1	0	1	2	2	3	30	388
323			Solid-State Physics II (Magnetism, Metal Physics,	375	375	3	0	0	3	1	0	39	414
324			Physical Properties in General (inclu. Basic Theories)	261	261	1	0	1	2	0	0	27	288
325			Physics in General	253	253	2	0	0	2	0	0	41	294
			Physics total	1,915	1,915	9	2	4	17	3	3	196	2,111
331			Physics of Solid Earth	199	199	0	0	0	0	0	0	13	212
332			Meteorology, Oceanography and Hydrology	237	237	2	1	1	2	1	3	25	262
333			Aeronomy	81	81	0	0	0	0	0	0	5	86
334			Geology	146	146	0	0	0	1	1	0	16	162
335			Stratigraphy and Paleontology	76	76	2	0	0	2	0	2	11	87
336			Mineralogy, Petrology and Study of Mineral Deposit	157	157	1	2	0	1	0	0	15	172
337			Geochemistry	104	104	0	0	1	0	1	1	10	114
			Earth Science total	1,000	1,000	5	3	2	6	3	6	95	1,095
341			Physical Chemistry	476	476	3	0	1	2	0	0	52	528
342			Organic Chemistry	407	407	1	0	0	5	0	0	59	466
343			Inorganic Chemistry	240	240	2	1	0	2	0	0	29	269
344			Function, Properties and Materials in Chemistry	220	220	0	0	0	1	0	0	20	240
345			Substance Transformation	64	63	0	0	0	0	1	1	4	68
346			Separation, Refining and Identification	141	141	0	0	0	4	1	0	23	164
			Chemistry total	1,548	1,547	6	1	1	14	2	1	187	1,735
351			Genetics	194	194	0	1	1	0	2	1	32	226
352			Ecology	377	376	2	2	0	4	1	2	47	424
353			Plant Physiology	222	222	0	0	0	0	2	1	38	260
354			Morphology, Structure of Organism	142	142	0	0	0	2	0	0	11	153
355			Animal Physiology and	139	139	1	0	0	1	0	0	13	152
356			Morphology and Taxonomy	198	198	2	0	0	4	0	1	7	205
			Biology total	1,272	1,271	5	3	1	11	5	5	148	1,420
361			Physical Anthropology (inclu. Physiological Anthropology)	93	92	0	1	0	1	1	1	11	104
	SCIENCE Total			7,658	7,654	102	12	14	70	18	18	872	8,530
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	227	227	1	0	0	5	1	2	16	243
402			Surface Physics	133	133	0	0	0	1	0	0	9	142
403			Applied Optics and Quantum Optics	234	234	2	0	0	3	0	0	25	259
404			General Applied Physics	139	139	0	0	1	0	0	0	20	159
405			Fundamentals of Engineering	92	92	1	0	0	0	0	0	20	112
			Applied Physics·Fundamentals of Engineering total	825	825	4	0	1	9	1	2	90	915
411			Materials for Machines and Strength of Materials	414	414	0	0	0	8	4	2	55	469
412			Workshop Processes and Production Engineering	298	298	1	0	1	4	2	0	48	346
413			Design Engineering, Machine Elements and Tribology	203	203	1	0	0	1	1	2	38	241
414			Fluid Mechanics	390	390	0	0	0	6	3	2	52	442
415			Heat Engineering	360	360	0	0	0	6	2	1	56	416
416			Mechanics and Control Engineering	277	277	1	0	2	4	1	3	49	326
417			Intelligent Mechanics and Machine System	346	346	0	0	0	1	5	3	52	398
			Machine Engineering total	2,288	2,288	3	0	3	30	18	13	350	2,638
421			Electric Power Engineering and Electric Machinery	402	402	1	0	0	1	1	1	44	446
422			Electronic and Electric Materials Engineering	411	411	1	0	0	5	6	4	43	454
423			Electron Devices and Apparatus Engineering	446	446	1	0	0	2	2	2	44	490
424			Information and Communication Engineering	857	857	2	2	2	3	3	2	122	979

Table 52. 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
425	E N G I N E E R I N G		System Engineering	192	192	1	0	0	0	2	3	29	221
427			Electronic Measurements	311	311	1	0	0	1	1	3	24	335
428			Control Engineering	304	304	2	0	0	2	3	3	31	335
			Electric and Electronic Engineering	2,923	2,923	9	2	2	14	18	18	337	3,260
431			Construction Materials and Dynamics in General Civil Engineering	156	156	1	0	0	1	1	1	25	181
432			Structural Engineering and Seismology	244	241	1	0	0	11	5	3	30	274
433			Ground Engineering	225	224	1	0	0	1	4	1	33	258
434			Hydraulics and River Engineering	242	242	0	0	1	1	1	2	26	268
435			Traffic Engineering and Regional Planning	204	203	3	3	0	2	0	1	19	223
436			Civil Environmental System	185	185	3	1	0	1	1	2	25	210
			Civil Engineering total	1,256	1,251	9	4	1	17	12	10	158	1,414
441		G	Building Structure and Materials	368	368	1	1	0	4	2	2	60	428
442			Building Science and Building Equipment	221	221	2	1	0	2	1	1	22	243
443			City Planning and Building Planning	487	483	8	1	0	10	9	12	158	645
444			Architectural History and Design	184	176	13	0	2	6	4	7	120	304
			Architecture total	1,260	1,248	24	3	2	22	16	22	360	1,620
451		N	Physical Metallurgy	155	155	0	0	1	1	0	0	23	178
452			Inorganic Materials and	249	249	0	0	0	0	1	0	42	291
453			Composed Materials and Properties	81	80	0	0	0	0	0	1	10	91
454			Structural and Functional Materials	188	188	1	0	0	4	1	1	25	213
455		R	Metallurgy and Material	214	214	1	0	0	2	2	2	31	245
456			Metal Productive Engineering	83	83	0	1	0	0	1	0	14	97
			Material Engineering total	970	969	2	1	1	7	5	4	145	1,115
461		G	Chemical Engineering in General	180	180	1	0	0	0	1	0	23	203
462			Reaction and Separation Engineering	101	101	0	0	0	0	0	0	9	110
463			Catalyst and Chemical Process	98	98	0	0	0	0	0	0	7	105
464			Bioengineering	210	210	1	1	1	2	0	1	31	241
465			Industrial Analytical Chemistry	108	108	0	0	0	3	2	1	14	122
			Process Engineering total	697	697	2	1	1	5	3	2	84	781
471			Industrial Physical Chemistry	143	143	0	0	0	1	0	0	17	160
472			Industrial Inorganic Chemistry	84	84	0	0	0	1	0	0	14	98
473			Industrial Organic Chemistry	67	67	0	0	0	1	0	0	8	75
474			Synthetic Chemistry	202	202	1	0	0	1	0	0	22	224
475			Polymer Synthesis	165	165	0	0	0	4	0	0	26	191
476			Polymer Structure and Property (inclu. Fiber)	190	190	2	1	0	1	1	1	24	214
			Industrial Chemistry total	851	851	3	1	0	9	1	1	111	962
481			Aeronautics	120	120	1	0	0	0	0	0	13	133
482			Ship Engineering	88	88	0	0	0	1	0	4	18	106
483			Marine Engineering	35	35	0	0	0	0	0	0	5	40
484			Resource Development Engineering	84	84	0	0	0	1	1	0	6	90
			Synthetic Engineering total	327	327	1	0	0	2	1	4	42	369
			ENGINEERING Total	11,397	11,379	57	12	11	115	75	76	1,677	13,074
501	A G R I C U L T U R E		Plant Breeding	108	108	0	0	0	0	1	0	13	121
502			Crop Science	91	91	0	0	0	1	2	1	14	105
503			Horticulture and Landscape Architecture	242	240	3	2	0	5	2	3	51	293
504			Plant Protection	135	135	1	0	0	0	1	0	20	155
505			Sericultural Science and Economic Entomology	53	53	0	0	0	0	0	0	18	71
			Agriculture total	629	627	4	2	0	6	6	4	116	745
511			Plant Fertilizer and Manure and Soil Science	128	128	0	0	0	2	1	0	13	141
512			Applied Microbiochemistry and Applied Biochemistry	370	370	3	0	0	1	1	2	51	421
513			Biological Productive Chemistry and Bioorganic Chemistry	118	118	0	0	0	1	0	0	16	134
514			Food Science and Nutritional Chemistry	412	412	1	0	0	5	2	0	120	532

Table 52. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subj ect	Subd ivisio n	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
	A		Agricultural Chemistry total	1,028	1,028	4	0	0	9	4	2	200	1,228
521			Forestry	225	225	3	1	2	13	0	1	33	258
522	G		Wood Science	135	135	1	0	0	3	1	0	22	157
			Forestry total	360	360	4	1	2	16	1	1	55	415
531	R		Fisheries in General	239	239	2	2	0	0	0	2	38	277
532			Fisheries Chemistry	84	84	0	0	0	0	1	0	12	96
			Fisheries total	323	323	2	2	0	0	1	2	50	373
541	I		Agricultural Economics	195	189	0	2	0	5	11	5	76	271
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	144	144	0	0	0	1	0	1	20	164
552	U		Agricultural Machinery	96	96	0	0	0	3	0	0	14	110
553	L		Biological Environment	48	48	0	0	0	2	0	0	10	58
			Agricultural Engineering total	288	288	0	0	0	6	0	1	44	332
561	T		Animal Science and Grassland Science	119	119	0	0	0	0	1	0	15	134
562	U		Applied Animal Science	116	116	0	0	0	1	0	0	18	134
563	R		Basic Veterinary Medicine and Basic Animal Science	183	182	3	1	0	2	1	2	31	214
564			Applied Veterinary Medicine	185	184	0	0	0	2	0	3	27	212
	E		Animal Science·Veterinary Medicine total	603	601	3	1	0	5	2	5	91	694
571			Biological Resource Science	53	53	1	1	0	0	1	1	4	57
572			Applied Molecular Cell Biology	56	56	0	0	0	0	1	0	7	63
			Interdisciplinary Agricultural Science total	109	109	1	1	0	0	2	1	11	120
			AGRICULTURE Total	3,535	3,525	18	9	2	47	27	21	643	4,178
601			Anatomy in General (inclu. Histology, Embryology)	294	294	2	2	0	5	2	2	32	326
602			Physiology in General	277	277	2	0	0	3	1	1	53	330
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	213	213	1	0	0	4	0	2	34	247
604			Pharmacology in General	234	234	1	0	0	4	1	0	18	252
605			Medical Chemistry in General	230	230	0	0	0	0	0	0	24	254
606			Pathological Medical Chemistry	115	115	0	0	0	1	0	1	14	129
	M		Physiology total	1,363	1,363	6	2	0	17	4	6	175	1,538
611			Hominal Pathology	331	331	1	1	0	5	4	1	52	383
612	E		Experimental Pathology	157	157	0	0	0	1	2	1	21	178
613	D		Parasitology (inclu. Medical Zoology)	126	125	1	4	0	1	1	0	8	134
614			Bacteriology (inclu. Eumycetes)	223	223	2	0	0	1	1	0	32	255
615	I		Virology	141	141	0	0	0	1	0	1	31	172
616			Immunology	250	250	1	0	0	0	1	0	43	293
	C		Pathology total	1,228	1,227	5	5	0	9	9	3	187	1,415
621			Hygiene	194	193	0	2	1	0	2	1	37	231
622	I		Public Health and Health Science	523	522	1	2	0	3	3	4	182	705
623			Legal Medicine	155	155	0	0	1	10	2	0	18	173
	N		Social Medicine total	872	870	1	4	2	13	7	5	237	1,109
631			Internal Medicine in General	363	362	1	0	0	3	0	3	68	431
632	E		Gastroenterology	415	415	1	0	0	0	0	1	65	480
633			Internal Medicine Respiratory System	206	205	0	0	0	1	0	0	24	230
634			Neurological Medicine	261	261	3	0	0	2	1	0	36	297
635			Cardioangiopathy	453	452	0	0	0	1	2	0	98	551
636			Pediatrics	410	410	1	0	0	1	0	1	86	496
637			Dermatology	210	210	0	0	0	1	1	0	56	266
638			Radiology	475	475	1	1	0	1	1	2	104	579
639			Neuropsychiatry	358	357	9	0	0	15	1	1	93	451
641			Hematology	300	300	0	0	0	2	0	0	35	335
642			Internal Medicine of Kidney	183	183	0	0	0	1	0	0	20	203
643			Embryology and Newborn	30	30	0	0	0	0	0	0	6	36
644			Endocrinology	152	152	1	0	0	0	0	0	16	168
645			Metabolic Science	170	170	0	0	0	0	1	0	28	198
			Internal Medicine total	3,986	3,982	17	1	0	28	7	8	735	4,721
651			Surgery in General	361	360	0	0	0	2	1	0	52	413
652			Gastroenterological Surgery	346	346	0	0	0	0	0	0	53	399
653			Thoracic Surgery	250	250	1	0	0	3	0	0	49	299

Table 52. Languages Other Than Japanese Used to Write Papers by Field of Specialization

Code	Subj ect	Subd ivisio n	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
654	M		Neurosurgery	277	277	2	0	0	1	0	0	51	328
655			Orthopedic Surgery	498	496	2	0	0	4	0	1	90	588
656			Anesthesiology and Rescue Medicine	360	360	1	0	0	2	1	0	82	442
657			Urology	247	247	0	0	0	3	0	0	46	293
658			Obstetrics and Gynecology	324	324	1	0	0	2	0	1	77	401
659			Oto-rhino-laryngology	229	229	0	0	0	4	0	1	71	300
660			Ophthalmology	249	249	1	0	0	1	0	0	42	291
661			Pediatric Surgery	63	63	0	0	0	0	0	0	5	68
662			Formative Surgery	77	77	0	0	0	0	0	0	28	105
			Surgery total	3,281	3,278	8	0	0	22	2	3	646	3,927
671	E		Oral Anatomy and Morphological Basic Dentistry	226	226	0	0	0	1	2	1	58	284
672	D		Functional Basic Dentistry	178	178	1	0	1	2	0	0	30	208
673	I		Morbid Dentistry (inclu. Dental Radiology)	151	151	0	0	0	0	0	1	60	211
674	C		Conservative Dentistry	263	263	0	0	0	3	2	0	125	388
675			Prosthodontics and Dental Technology	379	379	0	1	0	5	3	1	176	555
676	I		Oral Surgery	477	476	1	0	0	9	0	1	152	629
677	N		Orthodontics, Pedodontics and Social Dentistry	408	408	0	0	0	3	0	1	202	610
678			Periodontological Dentistry	99	99	0	0	0	1	1	0	50	149
	E		Dentistry total	2,181	2,180	2	1	1	24	8	5	853	3,034
681			Chemical Pharmaceutics	415	415	2	0	0	8	1	0	46	461
682			Physical Pharmaceutics	184	184	0	0	0	2	0	0	21	205
683			Biopharmaceutics	461	461	1	0	0	1	3	1	53	514
684			Molecular Pharmaceutics	147	147	0	0	0	0	0	0	21	168
685			Environmental Pharmaceutics	57	57	0	0	0	0	1	0	6	63
			Pharmaceutics total	1,264	1,264	3	0	0	11	5	1	147	1,411
691			Medical Sociology	197	195	4	2	0	4	1	1	50	247
692			Human Genetics	119	119	0	0	0	0	0	0	30	149
693			Applied Pharmacology and Medical Pharmacology	130	130	0	0	0	0	2	0	12	142
694			Pathological Examination	140	140	0	0	0	0	1	0	26	166
696			Science of Basic and Local Nursing	286	285	1	2	0	1	0	2	362	648
697			Science of Clinical Nursing	344	343	2	0	0	1	1	1	417	761
			Medicine in General total	1,216	1,212	7	4	0	6	5	4	897	2,113
			MEDICINE Total	15,391	15,376	49	17	3	130	47	35	3,877	19,268
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)	120	119	6	1	1	9	2	3	24	144
703			Physical Education	982	962	2	5	0	48	6	6	784	1,766
704			Human Geography	218	214	12	2	2	8	5	10	61	279
705			Physical Geography	118	118	3	3	0	6	0	2	24	142
			Geography total	336	332	15	5	2	14	5	12	85	421
706			Home Science(inclu. Cloth/Living Environments)	352	350	5	4	1	6	7	4	322	674
707			Food Culture	246	245	1	0	0	1	0	2	236	482
			Domestic Science total	598	595	6	4	1	7	7	6	558	1,156
708			Science of Cultural Property	31	31	2	0	0	0	0	0	6	37
711			Science Education	194	193	2	0	0	8	2	1	51	245
712	A R E A		Educational Engineering	294	292	0	0	0	4	1	3	85	379
713			Curriculum Studies	662	648	7	2	1	21	3	5	463	1,125
714			Japanese Language Education	153	139	5	3	0	3	9	15	77	230
			Science Education·Curriculum Education total	1,303	1,272	14	5	1	36	15	24	676	1,979
721			Statistics	139	139	0	0	0	4	1	0	24	163
731			Computer Science	745	745	4	0	3	7	3	4	157	902
732			Intelligent Informatics	763	763	2	2	0	6	6	7	89	852
733			Study of Information System (Inclu. Library and Information Science)	522	521	12	1	0	5	7	6	181	703
			Information Science total	2,030	2,029	18	3	3	18	16	17	427	2,457
741			Social System Engineering	348	348	1	0	0	8	4	2	45	393
751	I		Natural Disaster Science	48	48	0	0	0	1	0	0	3	51
761			Plasma Science and Technology	182	182	0	0	0	3	0	0	10	192
772			Nuclear Fusion	70	70	2	0	0	0	0	0	4	74

Table 52. 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
773	N T E R D I S C I P L I N A R Y		Energy Science General	78	78	0	0	0	2	0	1	7	85
774			Nuclear Power Science	134	134	0	0	0	0	1	2	13	147
			Energy total	282	282	2	0	0	2	1	3	24	306
801			Environmental Dynamic Analysis	173	173	1	0	0	0	0	0	27	200
802			Environmental Influence Assessment (inclu. Radiobiology)	172	171	1	0	0	3	1	0	27	199
803			Environmental Preservation	249	249	2	0	0	4	4	1	36	285
			Environmental Science total	594	593	4	0	0	7	5	1	90	684
811			Biological Organic Chemistry	154	154	0	0	1	2	0	0	11	165
812			Structured Biochemistry	145	145	0	0	0	1	0	0	19	164
813			Functional Biochemistry	205	205	0	0	0	1	1	0	31	236
			Biological Chemistry total	504	504	0	0	1	4	1	0	61	565
821	N A R Y		Biophysics	207	207	0	0	0	0	0	1	26	233
822			Molecular Biology	462	462	0	0	0	2	0	0	67	529
823			Cell Biology	295	295	0	0	0	2	1	0	42	337
824			Developmental Biology	166	166	1	0	0	0	0	0	22	188
			Basic Biology total	1,130	1,130	1	0	0	4	1	1	157	1,287
831	A R E A		Neuroanatomy and Neuropathology	126	126	1	0	0	2	0	0	10	136
832			Neurochemistry and Neuropharmacology	140	140	0	1	0	0	0	1	12	152
833			Neuro Science in General	277	277	3	1	0	2	2	0	33	310
834			Neuro and Muscular Physiology	179	178	3	1	1	3	3	0	25	204
			Neuro Science (inclu. Brain Science) total	722	721	7	3	1	7	5	1	80	802
841			Laboratory Animal Science	72	72	1	0	0	1	0	0	16	88
851		Medical Organism Engineering and Material Science of Organism	370	370	0	0	0	1	4	2	42	412	
	INTERDISCIPLINARY AREA Total			9,791	9,729	79	26	10	174	73	78	3,112	12,903
999	WIDE AREA Total			1,238	1,163	33	13	16	67	24	49	1,005	2,243
	Item n.a. Total			34,950	33,704	732	142	126	1,211	645	486	42,477	77,427
	Grand Total			103,867	100,201	2,459	537	441	4,028	1,962	1,722	62,060	165,927

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	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	55	41	59	125	119	82	45	34	26	586
212			Chinese Philosophy	14	12	18	25	31	16	14	9	7	146
213			Indian Philosophy (inclu. Buddhist Studies)	27	20	27	39	44	50	33	21	38	299
214			Religion	35	41	53	61	61	38	14	11	13	327
215			Ethics	13	12	15	28	18	28	8	10	16	148
216			History of Philosophy	22	30	32	57	36	33	16	10	14	250
217			Aesthetics (inclu. Arts)	473	432	386	276	145	72	46	24	16	1,870
218			Art History	30	49	63	69	46	31	12	4	2	306
			Philosophy total	669	637	653	680	500	350	188	123	132	3,932
221			Experimental Psychology	38	21	45	77	96	99	52	44	55	527
222			Educational and Social	159	142	173	323	336	335	205	115	142	1,930
223			Sociology	242	209	292	414	348	279	144	58	69	2,055
224			Education	182	175	266	387	353	238	150	104	98	1,953
225			Cultural Anthropology (inclu. Ethnology and Folklore)	63	63	95	114	85	62	26	14	12	534
			Psychology·Sociology·Education Cultural Anthropology total	684	610	871	1,315	1,218	1,013	577	335	376	6,999
231			Japanese History	64	56	83	128	72	106	49	32	69	659
232			Oriental History	39	31	49	71	72	58	32	18	27	397
233			European History	52	52	95	112	89	45	25	14	10	494
234			Archaeology (inclu. Prehistory)	22	32	32	48	40	26	14	7	14	235
			History total	177	171	259	359	273	235	120	71	120	1,785
241			Japanese Language	47	32	61	99	69	49	23	17	12	409
242			Japanese Literature	123	112	166	238	208	159	107	56	54	1,223
243			Chinese Language and Literature	46	40	72	73	71	49	25	8	8	392
244			English Language and Literature	179	291	478	553	411	263	149	59	61	2,444
245			French Language and Literature	76	142	138	124	56	32	9	9	6	592
246			German Language and Literature	28	125	142	100	68	28	12	8	4	515
247			Other Foreign Languages and Literatures	50	96	120	90	60	33	17	6	8	480
248			Linguistics and Phonetics	124	151	202	231	173	113	54	31	26	1,105
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	42	47	55	48	43	24	12	6	9	286
			Literature total	715	1,036	1,434	1,556	1,159	750	408	200	188	7,446
			ARTS·HUMANITIES Total	2,245	2,454	3,217	3,910	3,150	2,348	1,293	729	816	20,162
261	L A W		Basic Science of Law	32	39	72	50	55	27	11	9	5	300
262			Public Law	43	43	74	81	65	50	22	14	4	396
263			International Law	42	26	30	41	48	30	18	9	6	250
264			Civil Law	93	115	112	135	83	63	31	18	22	672
265			Social Law	14	22	38	42	19	13	5	2	6	161
266			Criminal Law	21	46	34	39	19	15	1	2	1	178
267			Politics	113	126	159	207	135	89	38	21	12	900
		LAW Total	358	417	519	595	424	287	126	75	56	2,857	
271	E C O N O M I C S		General Theory of Economics	118	161	244	198	120	64	37	12	14	968
272			Economical Statistics	26	23	55	36	25	12	5	5	5	192
273			Economic Policy (inclu. Economic Condition)	109	128	201	213	195	117	58	25	34	1,080
274			Economic History	32	39	78	91	69	40	30	10	8	397
275			Public Finance, Money and Banking	60	58	75	109	84	42	24	13	7	472
276			Commercial Science	31	42	72	95	71	57	33	11	9	421
277			Business Administration	125	105	158	225	189	168	89	49	53	1,161
278			Accounting	64	42	109	143	93	69	34	24	16	594
		ECONOMICS Total	565	598	992	1,110	846	569	310	149	146	5,285	
301	S C I E N C E		Algebra	66	276	46	17	5	5	4	0	0	419
302			Geometry	71	236	39	22	5	2	0	0	0	375
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	82	164	120	83	50	20	10	5	7	541
305			Basic Analysis	44	234	54	14	4	3	0	0	0	353
306			Larger-area Analysis	28	96	36	10	5	1	0	1	0	177
			Mathematics total	291	1,006	295	146	69	31	14	6	7	1,865
311			Astronomy	23	80	59	19	10	5	2	2	0	200
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Physics	96	393	140	55	29	9	4	0	1	727

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	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)	63	69	96	72	47	20	12	2	7	388
323			Solid-State Physics II (Magnetism, Metal Physics,	62	142	100	66	25	14	5	0	0	414
324			Physical Properties in General (inclu. Basic Theories)	39	98	65	37	29	11	6	0	3	288
325			Physics in General	48	60	79	54	35	12	5	1	0	294
			Physics total	308	762	480	284	165	66	32	3	11	2,111
331			Physics of Solid Earth	14	49	56	52	21	14	4	1	1	212
332			Meteorology, Oceanography and Hydrology	22	58	41	49	46	22	12	8	4	262
333			Aeronomy	14	29	26	8	6	1	2	0	0	86
334			Geology	14	10	25	40	27	25	10	4	7	162
335			Stratigraphy and Paleontology	11	6	22	15	8	10	8	3	4	87
336			Mineralogy, Petrology and Study of Mineral Deposit	17	18	26	47	22	25	7	4	6	172
337			Geochemistry	6	13	17	27	16	14	8	4	9	114
			Earth Science total	98	183	213	238	146	111	51	24	31	1,095
341			Physical Chemistry	76	62	110	107	84	53	15	11	10	528
342			Organic Chemistry	62	73	133	97	58	25	8	4	6	466
343			Inorganic Chemistry	35	35	74	42	41	19	12	5	6	269
344			Function, Properties and Materials in Chemistry	25	24	54	51	36	23	8	10	9	240
345			Substance Transformation	8	7	13	13	13	3	5	2	4	68
346			Separation, Refining and Identification	20	5	28	40	25	22	14	6	4	164
			Chemistry total	226	206	412	350	257	145	62	38	39	1,735
351			Genetics	36	30	44	42	35	23	7	3	6	226
352			Ecology	42	41	57	103	75	58	21	12	15	424
353			Plant Physiology	42	30	41	42	51	22	18	8	6	260
354			Morphology, Structure of Organism	10	21	28	29	21	17	12	4	11	153
355			Animal Physiology and	19	18	23	33	27	16	8	4	4	152
356			Morphology and Taxonomy	12	14	36	36	42	34	17	3	11	205
			Biology total	161	154	229	285	251	170	83	34	53	1,420
361			Physical Anthropology (inclu. Physiological Anthropology)	11	4	16	23	18	14	7	3	8	104
			SCIENCE Total	1,118	2,395	1,704	1,345	916	542	251	110	149	8,530
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	31	24	49	59	43	21	8	5	3	243
402			Surface Physics	16	10	31	30	24	15	7	3	6	142
403			Applied Optics and Quantum Optics	33	29	42	68	46	14	8	10	9	259
404			General Applied Physics	14	19	38	34	21	18	6	2	7	159
405			Fundamentals of Engineering	20	8	23	26	15	9	6	0	5	112
			Applied Physics·Fundamentals of Engineering total	114	90	183	217	149	77	35	20	30	915
411			Materials for Machines and Strength of Materials	36	26	93	113	72	57	32	21	19	469
412			Workshop Processes and Production Engineering	28	23	55	91	66	36	22	9	16	346
413			Design Engineering, Machine Elements and Tribology	23	17	43	55	38	32	11	7	15	241
414			Fluid Mechanics	50	36	89	88	75	46	28	13	17	442
415			Heat Engineering	42	28	58	83	76	49	36	12	32	416
416			Mechanics and Control Engineering	26	32	74	79	58	22	20	4	11	326
417			Intelligent Mechanics and Machine System	54	40	68	75	74	41	20	6	20	398
			Machine Engineering total	259	202	480	584	459	283	169	72	130	2,638
421			Electric Power Engineering and Electric Machinery	34	88	121	101	46	30	9	7	10	446
422			Electronic and Electric Materials Engineering	42	61	103	106	72	35	16	8	11	454
423			Electron Devices and Apparatus Engineering	55	97	138	98	49	21	11	6	15	490
424			Information and Communication Engineering	129	235	234	194	84	51	28	8	16	979

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
425	E		System Engineering	31	31	40	46	28	20	10	7	8	221	
427			Electronic Measurements	24	35	58	87	62	26	13	7	23	335	
428			Control Engineering	25	42	68	89	49	38	10	9	5	335	
			Electric and Electronic Engineering	340	589	762	721	390	221	97	52	88	3,260	
431			Construction Materials and Dynamics in General Civil Engineering	21	18	43	43	24	12	10	7	3	181	
432			Structural Engineering and Seismology	29	44	64	75	33	18	6	3	2	274	
433			Ground Engineering	20	22	58	71	41	27	14	5	0	258	
434			Hydraulics and River Engineering	29	42	61	68	30	18	10	3	7	268	
435			Traffic Engineering and Regional Planning	20	18	32	48	35	32	14	9	15	223	
436			Civil Environmental System	18	20	44	40	30	22	10	9	17	210	
			Civil Engineering total	137	164	302	345	193	129	64	36	44	1,414	
441		N		Building Structure and Materials	35	73	127	82	54	25	14	7	11	428
442				Building Science and Building Equipment	21	16	49	51	42	33	12	4	15	243
443				City Planning and Building Planning	51	110	142	130	69	61	33	26	23	645
444				Architectural History and Design	45	64	74	54	33	19	8	4	3	304
			Architecture total	152	263	392	317	198	138	67	41	52	1,620	
451	N		Physical Metallurgy	15	23	36	35	31	18	8	6	6	178	
452			Inorganic Materials and	36	23	40	62	51	26	23	10	20	291	
453	E		Composed Materials and Properties	8	11	5	20	19	8	9	5	6	91	
454	E		Structural and Functional Materials	19	23	39	30	33	27	14	10	18	213	
455			Metallurgy and Material	19	18	30	46	46	29	27	12	18	245	
456			Metal Productive Engineering	4	7	8	25	18	15	13	1	6	97	
		Material Engineering total	101	105	158	218	198	123	94	44	74	1,115		
461	N		Chemical Engineering in General	25	15	27	38	31	24	15	9	19	203	
462			Reaction and Separation Engineering	10	17	13	17	18	6	13	7	9	110	
463			Catalyst and Chemical Process	6	4	10	25	19	18	7	5	11	105	
464			Bioengineering	30	22	29	33	42	28	24	12	21	241	
465			Industrial Analytical Chemistry	13	5	18	29	19	17	7	8	6	122	
		Process Engineering total	84	63	97	142	129	93	66	41	66	781		
471			Industrial Physical Chemistry	10	17	23	34	35	16	8	7	10	160	
472			Industrial Inorganic Chemistry	12	11	10	15	14	17	7	8	4	98	
473			Industrial Organic Chemistry	6	4	13	15	14	11	4	2	6	75	
474			Synthetic Chemistry	26	29	48	54	36	18	8	2	3	224	
475			Polymer Synthesis	21	24	43	39	26	18	9	7	4	191	
476			Polymer Structure and Property (inclu. Fiber)	23	18	35	43	37	26	13	7	12	214	
		Industrial Chemistry total	98	103	172	200	162	106	49	33	39	962		
481			Aeronautics	14	18	31	28	15	7	9	5	6	133	
482			Ship Engineering	18	16	20	9	16	16	6	0	5	106	
483			Marine Engineering	5	5	9	3	5	11	1	0	1	40	
484			Resource Development Engineering	8	4	12	17	15	12	9	4	9	90	
		Synthetic Engineering total	45	43	72	57	51	46	25	9	21	369		
	ENGINEERING Total			1,330	1,622	2,618	2,801	1,929	1,216	666	348	544	13,074	
501	A G R I C U L T U R E		Plant Breeding	9	19	31	23	20	11	3	4	1	121	
502			Crop Science	7	12	24	20	13	19	3	2	5	105	
503			Horticulture and Landscape Architecture	24	38	57	55	48	30	16	12	13	293	
504			Plant Protection	16	23	27	31	26	12	13	2	5	155	
505			Sericultural Science and Economic Entomology	11	10	16	11	9	5	3	1	5	71	
			Agriculture total	67	102	155	140	116	77	38	21	29	745	
511				Plant Fertilizer and Manure and Soil Science	13	16	21	25	27	16	8	6	9	141
512				Applied Microbiochemistry and Applied Biochemistry	48	26	68	61	79	56	45	18	20	421
513				Biological Productive Chemistry and Bioorganic Chemistry	12	9	22	26	31	16	7	3	8	134
514				Food Science and Nutritional Chemistry	38	37	63	103	90	70	53	32	46	532

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
	A		Agricultural Chemistry total	111	88	174	215	227	158	113	59	83	1,228	
521	G		Forestry	15	15	44	52	53	38	19	13	9	258	
522			Wood Science	7	23	32	31	27	15	11	7	4	157	
			Forestry total	22	38	76	83	80	53	30	20	13	415	
531	R		Fisheries in General	35	26	41	55	47	34	20	12	7	277	
532			Fisheries Chemistry	10	9	18	23	13	9	5	5	4	96	
			Fisheries total	45	35	59	78	60	43	25	17	11	373	
541	I		Agricultural Economics	26	21	20	40	48	51	25	12	28	271	
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	7	22	35	34	16	16	9	13	164	
552		U		Agricultural Machinery	5	5	15	34	17	11	9	5	9	110
553	L		Biological Environment	7	2	8	12	10	7	9	1	2	58	
			Agricultural Engineering total	24	14	45	81	61	34	34	15	24	332	
561	T		Animal Science and Grassland Science	14	8	19	21	28	19	10	8	7	134	
562		U		Applied Animal Science	12	11	18	19	31	19	7	7	10	134
563	R		Basic Veterinary Medicine and Basic Animal Science	30	16	16	35	39	38	18	10	12	214	
564			Applied Veterinary Medicine	29	14	28	26	40	25	16	9	25	212	
	E		Animal Science·Veterinary Medicine total	85	49	81	101	138	101	51	34	54	694	
571			Biological Resource Science	2	3	6	12	10	6	7	7	4	57	
572			Applied Molecular Cell Biology	10	6	8	12	16	5	2	1	3	63	
			Interdisciplinary Agricultural Science total	12	9	14	24	26	11	9	8	7	120	
	AGRICULTURE Total			392	356	624	762	756	528	325	186	249	4,178	
601	M		Anatomy in General (inclu. Histology, Embryology)	30	28	57	58	61	43	17	14	18	326	
602			Physiology in General	34	21	52	64	50	47	24	15	23	330	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	14	15	21	43	35	40	21	23	35	247	
604			Pharmacology in General	19	24	25	44	38	45	22	9	26	252	
605			Medical Chemistry in General	29	25	46	55	43	29	8	9	10	254	
606			Pathological Medical Chemistry	16	7	18	19	24	20	7	8	10	129	
			Physiology total	142	120	219	283	251	224	99	78	122	1,538	
611		E		Hominal Pathology	32	25	44	81	73	55	26	22	25	383
612				Experimental Pathology	15	16	18	47	29	27	9	7	10	178
613		D		Parasitology (inclu. Medical Zoology)	8	4	17	28	30	27	9	3	8	134
614				Bacteriology (inclu. Eumycetes)	15	24	40	48	46	32	20	15	15	255
615		I		Virology	24	17	32	29	27	24	10	3	6	172
616				Immunology	26	27	46	52	62	35	15	13	17	293
		C		Pathology total	120	113	197	285	267	200	89	63	81	1,415
621				Hygiene	12	11	20	39	30	29	37	18	35	231
622		I		Public Health and Health Science	70	34	67	123	111	105	61	50	84	705
623				Legal Medicine	9	11	20	35	33	24	17	10	14	173
	N		Social Medicine total	91	56	107	197	174	158	115	78	133	1,109	
631		E		Internal Medicine in General	48	15	28	62	71	69	50	33	55	431
632			Gastroenterology	56	11	15	68	94	89	51	37	59	480	
633			Internal Medicine Respiratory System	19	9	12	29	46	45	26	9	35	230	
634			Neurological Medicine	37	21	18	49	52	49	24	13	34	297	
635			Cardioangiology	70	22	41	69	91	101	62	27	68	551	
636			Pediatrics	33	27	34	81	86	77	56	28	74	496	
637			Dermatology	38	38	32	40	35	31	11	20	21	266	
638			Radiology	58	56	96	90	79	79	47	27	47	579	
639			Neuropsychiatry	63	31	48	62	60	65	49	29	44	451	
641			Hematology	31	9	18	52	61	60	44	29	31	335	
642			Internal Medicine of Kidney	14	9	20	58	37	25	12	11	17	203	
643			Embryology and Newborn	3	1	0	7	10	8	2	3	2	36	
644			Endocrinology	19	2	14	30	26	26	8	15	28	168	
645			Metabolic Science	23	5	14	35	41	30	13	8	29	198	
				Internal Medicine total	512	256	390	732	789	754	455	289	544	4,721
651			Surgery in General	39	19	20	60	40	80	37	23	95	413	
652			Gastroenterological Surgery	43	17	10	38	37	84	44	22	104	399	
653			Thoracic Surgerv	38	13	4	38	30	68	33	19	56	299	

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
654	M		Neurosurgery	33	49	35	54	46	37	25	11	38	328
655			Orthopedic Surgery	57	48	61	100	87	85	54	33	63	588
656			Anesthesiology and Rescue Medicine	34	27	42	101	81	51	37	17	52	442
657			Urology	37	28	27	58	46	31	21	14	31	293
658			Obstetrics and Gynecology	44	27	36	58	60	61	38	20	57	401
659			Oto-rhino-laryngology	40	32	24	49	37	47	14	11	46	300
660			Ophthalmology	32	45	56	71	38	19	10	7	13	291
661			Pediatric Surgery	5	2	5	9	11	10	6	9	11	68
662			Formative Surgery	11	9	6	17	20	18	2	10	12	105
				Surgery total	413	316	326	653	533	591	321	196	578
671	E		Oral Anatomy and Morphological Basic Dentistry	42	19	21	38	49	45	19	22	29	284
672	D		Functional Basic Dentistry	24	11	28	31	37	30	19	11	17	208
673	I		Morbid Dentistry (inclu. Dental Radiology)	17	18	17	38	38	28	22	12	21	211
674	C		Conservative Dentistry	49	53	47	71	63	38	22	14	31	388
675			Prosthodontics and Dental Technology	73	67	74	80	83	65	27	28	58	555
676	I		Oral Surgery	75	39	50	68	86	86	60	47	118	629
677	N		Orthodontics, Pedodontics and Social Dentistry	92	64	79	93	84	62	43	27	66	610
678			Periodontological Dentistry	35	14	27	28	22	12	1	6	4	149
	E		Dentistry total	407	285	343	447	462	366	213	167	344	3,034
681			Chemical Pharmaceutics	27	82	100	115	64	39	20	8	6	461
682			Physical Pharmaceutics	14	16	31	46	30	29	12	15	12	205
683			Biopharmaceutics	38	28	62	100	103	75	49	27	32	514
684			Molecular Pharmaceutics	27	12	24	25	28	21	16	6	9	168
685			Environmental Pharmaceutics	4	5	9	9	13	6	6	3	8	63
			Pharmaceutics total	110	143	226	295	238	170	103	59	67	1,411
691			Medical Sociology	22	19	20	37	50	44	24	12	19	247
692			Human Genetics	25	10	12	22	23	23	13	13	8	149
693			Applied Pharmacology and Medical Pharmacology	5	7	11	26	30	20	18	13	12	142
694			Pathological Examination	4	5	17	32	28	24	23	11	22	166
696			Science of Basic and Local Nursing	94	51	50	91	94	111	83	33	41	648
697			Science of Clinical Nursing	109	43	59	125	117	112	96	42	58	761
			Medicine in General total	259	135	169	333	342	334	257	124	160	2,113
	MEDICINE Total			2,054	1,424	1,977	3,225	3,056	2,797	1,652	1,054	2,029	19,268
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	18	10	29	29	20	19	11	2	6	144
703			Physical Education	139	169	317	378	299	223	118	64	59	1,766
704			Human Geography	14	8	17	45	43	47	36	25	44	279
705				Physical Geography	15	7	11	15	18	22	18	15	21
			Geography total	29	15	28	60	61	69	54	40	65	421
706			Home Science(inclu. Cloth/Living Environments)	75	52	82	120	116	105	61	32	31	674
707				Food Culture	43	36	53	90	85	72	42	24	37
			Domestic Science total	118	88	135	210	201	177	103	56	68	1,156
708			Science of Cultural Property	4	7	5	7	6	4	3	1	0	37
711			Science Education	27	18	43	44	41	28	17	10	17	245
712			Educational Engineering	36	39	67	84	61	40	24	11	17	379
713			Curriculum Studies	134	145	165	202	180	139	85	39	36	1,125
714			Japanese Language Education	32	33	52	42	33	26	5	3	4	230
			Science Education·Curriculum Education total	229	235	327	372	315	233	131	63	74	1,979
721			Statistics	15	18	26	29	25	16	15	12	7	163
731			Computer Science	128	142	259	175	116	47	20	8	7	902
732			Intelligent Informatics	95	106	171	187	121	84	36	29	23	852
733			Study of Information System (Inclu. Library and Information Science)	109	87	138	127	105	60	26	17	34	703
				Information Science total	332	335	568	489	342	191	82	54	64
741			Social System Engineering	42	41	47	82	64	38	27	20	32	393
751			Natural Disaster Science	3	1	5	6	6	7	10	2	11	51
761			Plasma Science and Technology	13	12	57	41	36	19	8	4	2	192
772	I		Nuclear Fusion	1	6	25	21	14	5	2	0	0	74

Table 53. Number of Academic Society Affiliations (Japanese) by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	6	8	16	18	13	8	3	7	6	85	
774			Nuclear Power Science	9	17	25	35	25	20	3	3	10	147	
			Energy total	16	31	66	74	52	33	8	10	16	306	
801			Environmental Dynamic Analysis	17	18	25	40	30	32	21	5	12	200	
802			Environmental Influence Assessment (inclu. Radiobiology)	26	14	20	34	38	32	16	8	11	199	
803			Environmental Preservation	40	23	26	38	49	46	24	16	23	285	
			Environmental Science total	83	55	71	112	117	110	61	29	46	684	
811			Biological Organic Chemistry	11	17	30	41	33	17	9	3	4	165	
812			Structured Biochemistry	19	19	22	26	33	18	13	9	5	164	
813			Functional Biochemistry	21	25	42	56	36	28	11	10	7	236	
			Biological Chemistry total	51	61	94	123	102	63	33	22	16	565	
821			Biophysics	24	29	48	55	27	22	11	12	5	233	
822			Molecular Biology	72	85	96	94	94	48	19	12	9	529	
823			Cell Biology	43	28	61	79	56	32	21	6	11	337	
824			Developmental Biology	28	25	51	47	17	8	5	3	4	188	
			Basic Biology total	167	167	256	275	194	110	56	33	29	1,287	
831		A R E A		Neuroanatomy and Neuropathology	8	9	33	28	12	22	12	6	6	136
832				Neurochemistry and Neuropharmacology	18	10	17	27	36	15	12	5	12	152
833				Neuro Science in General	55	24	54	39	60	35	24	4	15	310
834				Neuro and Muscular Physiology	21	8	45	53	24	27	8	11	7	204
				Neuro Science (inclu. Brain Science) total	102	51	149	147	132	99	56	26	40	802
841				Laboratory Animal Science	9	5	9	15	16	12	7	3	12	88
851				Medical Organism Engineering and Material Science of Organism	52	28	45	76	69	56	30	18	38	412
		INTERDISCIPLINARY AREA Total			1,422	1,329	2,234	2,525	2,057	1,479	813	459	585	12,903
999	WIDE AREA Total			445	364	387	379	224	183	81	55	125	2,243	
	Item n.a. Total			37,822	8,936	8,041	8,177	5,843	4,191	2,045	996	1,376	77,427	
	Grand Total			47,751	19,895	22,313	24,829	19,201	14,140	7,562	4,161	6,075	165,927	

Table 54. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subd ivisi on	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	482	73	19	7	2	1	1	1	0	586	
212			Chinese Philosophy	133	10	1	1	1	0	0	0	0	146	
213			Indian Philosophy (inclu. Buddhist Studies)	258	24	12	2	2	0	0	0	1	299	
214			Religion	250	48	21	6	1	0	1	0	0	327	
215			Ethics	133	7	5	1	1	0	0	1	0	148	
216			History of Philosophy	203	37	6	4	0	0	0	0	0	250	
217			Aesthetics (inclu. Arts)	1,697	124	36	8	1	3	0	0	1	1,870	
218			Art History	267	27	8	2	1	0	1	0	0	306	
			Philosophy total	3,423	350	108	31	9	4	3	2	2	3,932	
221				Experimental Psychology	383	87	37	13	6	0	1	0	527	
222				Educational and Social	1,602	211	68	36	10	3	0	0	1,930	
223				Sociology	1,783	182	62	21	3	2	0	2	2,055	
224				Education	1,705	177	53	13	3	1	0	1	1,953	
225				Cultural Anthropology (inclu. Ethnology and Folklore)	386	77	42	16	8	2	2	0	1	534
				Psychology·Sociology·Education Cultural Anthropology total	5,859	734	262	99	30	8	3	3	1	6,999
231				Japanese History	633	17	7	2	0	0	0	0	0	659
232				Oriental History	340	43	9	3	0	1	1	0	0	397
233				European History	380	79	20	12	2	1	0	0	0	494
234				Archaeology (inclu. Prehistory)	193	30	7	4	0	1	0	0	0	235
				History total	1,546	169	43	21	2	3	1	0	0	1,785
241				Japanese Language	381	21	5	2	0	0	0	0	0	409
242				Japanese Literature	1,157	48	10	6	2	0	0	0	0	1,223
243				Chinese Language and Literature	323	51	10	4	3	1	0	0	0	392
244				English Language and Literature	1,828	423	130	43	8	6	5	1	0	2,444
245				French Language and Literature	459	87	30	14	1	1	0	0	0	592
246				German Language and Literature	403	79	23	6	4	0	0	0	0	515
247				Other Foreign Languages and Literatures	344	95	22	13	3	1	1	1	0	480
248				Linguistics and Phonetics	744	219	89	31	17	3	2	0	0	1,105
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	192	61	26	4	2	1	0	0	0	286
				Literature total	5,831	1,084	345	123	40	13	8	2	0	7,446
				ARTS·HUMANITIES Total	16,659	2,337	758	274	81	28	15	7	3	20,162
261	L A W		Basic Science of Law	232	55	11	2	0	0	0	0	0	300	
262			Public Law	366	26	4	0	0	0	0	0	0	396	
263			International Law	166	55	23	3	0	1	2	0	0	250	
264			Civil Law	625	30	12	3	0	2	0	0	0	672	
265			Social Law	140	16	3	2	0	0	0	0	0	161	
266			Criminal Law	159	11	6	1	0	0	1	0	0	178	
267			Politics	714	118	48	11	6	3	0	0	0	900	
			LAW Total	2,402	311	107	22	6	6	3	0	0	2,857	
271	E C O N O M I C S		General Theory of Economics	764	128	51	19	4	2	0	0	0	968	
272			Economical Statistics	131	33	20	7	1	0	0	0	0	192	
273			Economic Policy (inclu. Economic Condition)	882	144	36	14	2	1	0	1	0	1,080	
274			Economic History	346	39	7	3	0	1	0	0	1	397	
275			Public Finance, Money and Banking	378	72	14	7	1	0	0	0	0	472	
276			Commercial Science	340	60	17	3	0	1	0	0	0	421	
277			Business Administration	971	129	36	16	5	2	1	0	1	1,161	
278			Accounting	457	93	31	10	2	1	0	0	0	594	
			ECONOMICS Total	4,269	698	212	79	15	8	1	1	2	5,285	
301	S C I E N C E		Algebra	350	62	5	1	1	0	0	0	0	419	
302			Geometry	314	54	4	2	1	0	0	0	0	375	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	406	88	33	9	2	1	1	1	0	541	
305			Basic Analysis	273	61	15	1	0	1	2	0	0	353	
306			Larger-area Analysis	141	32	3	1	0	0	0	0	0	177	
			Mathematics total	1,484	297	60	14	4	2	3	1	0	1,865	
311			Astronomy	114	54	23	6	3	0	0	0	0	200	
321				Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	619	95	10	2	0	1	0	0	0	727

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Code	Subj ect	Subd ivisi on	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)	311	60	16	1	0	0	0	0	0	388
323			Solid-State Physics II (Magnetism, Metal Physics,	343	66	5	0	0	0	0	0	0	414
324			Physical Properties in General (inclu. Basic Theories)	233	43	6	5	1	0	0	0	0	288
325			Physics in General	228	51	12	0	1	2	0	0	0	294
		Physics total	1,734	315	49	8	2	3	0	0	0	2,111	
331			Physics of Solid Earth	85	84	35	6	2	0	0	0	0	212
332			Meteorology, Oceanography and Hydrology	147	71	31	9	1	1	1	1	0	262
333			Aeronomy	34	40	10	2	0	0	0	0	0	86
334			Geology	83	32	27	12	5	3	0	0	0	162
335			Stratigraphy and Paleontology	41	21	10	10	2	0	2	0	1	87
336			Mineralogy, Petrology and Study of Mineral Deposit	83	43	28	10	4	0	2	2	0	172
337			Geochemistry	53	33	24	3	1	0	0	0	0	114
		Earth Science total	526	324	165	52	15	4	5	3	1	1,095	
341			Physical Chemistry	384	102	33	8	0	1	0	0	0	528
342			Organic Chemistry	286	136	37	5	0	2	0	0	0	466
343			Inorganic Chemistry	195	56	13	3	2	0	0	0	0	269
344			Function, Properties and Materials in Chemistry	182	37	16	5	0	0	0	0	0	240
345			Substance Transformation	46	20	1	1	0	0	0	0	0	68
346			Separation, Refining and Identification	118	36	8	2	0	0	0	0	0	164
			Chemistry total	1,211	387	108	24	2	3	0	0	0	1,735
351			Genetics	171	32	17	4	2	0	0	0	0	226
352			Ecology	268	91	41	16	4	2	0	0	2	424
353			Plant Physiology	165	63	21	7	4	0	0	0	0	260
354			Morphology, Structure of Organism	114	20	11	3	3	2	0	0	0	153
355			Animal Physiology and	116	28	6	1	0	1	0	0	0	152
356			Morphology and Taxonomy	84	60	29	19	7	3	2	1	0	205
			Biology total	918	294	125	50	20	8	2	1	2	1,420
361			Physical Anthropology (inclu. Physiological Anthropology)	63	27	11	2	0	1	0	0	0	104
	SCIENCE Total			6,050	1,698	541	156	46	21	10	5	3	8,530
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	181	45	13	2	1	1	0	0	0	243
402			Surface Physics	98	33	10	1	0	0	0	0	0	142
403			Applied Optics and Quantum Optics	146	67	38	4	3	1	0	0	0	259
404			General Applied Physics	119	28	11	1	0	0	0	0	0	159
405			Fundamentals of Engineering	84	22	2	4	0	0	0	0	0	112
		Applied Physics·Fundamentals of Engineering total	628	195	74	12	4	2	0	0	0	915	
411			Materials for Machines and Strength of Materials	380	60	19	7	1	1	0	0	1	469
412			Workshop Processes and Production Engineering	283	41	18	2	2	0	0	0	0	346
413			Design Engineering, Machine Elements and Tribology	205	22	10	4	0	0	0	0	0	241
414			Fluid Mechanics	365	56	15	4	0	0	2	0	0	442
415			Heat Engineering	345	60	7	4	0	0	0	0	0	416
416			Mechanics and Control Engineering	261	49	13	3	0	0	0	0	0	326
417			Intelligent Mechanics and Machine System	271	97	21	6	3	0	0	0	0	398
		Machine Engineering total	2,110	385	103	30	6	1	2	0	1	2,638	
421			Electric Power Engineering and Electric Machinery	249	162	27	4	1	1	0	0	2	446
422			Electronic and Electric Materials Engineering	332	79	32	8	2	1	0	0	0	454
423			Electron Devices and Apparatus Engineering	275	152	48	12	1	1	1	0	0	490
424			Information and Communication Engineering	524	342	83	20	7	2	1	0	0	979

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				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	151	54	12	3	0	0	1	0	0	221
427			Electronic Measurements	217	92	18	6	1	0	1	0	0	335
428			Control Engineering	191	125	14	3	0	1	0	1	0	335
		Electric and Electronic Engineering	1,939	1,006	234	56	12	6	4	1	2	3,260	
431			Construction Materials and Dynamics in General Civil Engineering	134	28	11	6	2	0	0	0	0	181
432			Structural Engineering and Seismology	200	52	12	7	3	0	0	0	0	274
433			Ground Engineering	161	63	24	7	1	1	0	0	1	258
434			Hydraulics and River Engineering	172	72	17	6	0	0	0	1	0	268
435			Traffic Engineering and Regional Planning	146	42	24	7	2	2	0	0	0	223
436			Civil Environmental System	124	67	16	3	0	0	0	0	0	210
			Civil Engineering total	937	324	104	36	8	3	0	1	1	1,414
441				Building Structure and Materials	328	66	21	4	6	2	1	0	0
442		Building Science and Building Equipment		198	36	5	3	1	0	0	0	0	243
443		City Planning and Building Planning		565	60	15	2	2	0	1	0	0	645
444		Architectural History and Design		283	19	0	1	1	0	0	0	0	304
		Architecture total	1,374	181	41	10	10	2	2	0	0	1,620	
451			Physical Metallurgy	136	26	11	3	0	0	1	0	1	178
452			Inorganic Materials and	200	55	26	7	3	0	0	0	0	291
453			Composed Materials and Properties	68	19	2	2	0	0	0	0	0	91
454			Structural and Functional Materials	161	33	12	5	1	1	0	0	0	213
455			Metallurgy and Material	182	44	15	3	1	0	0	0	0	245
456			Metal Productive Engineering	69	20	6	2	0	0	0	0	0	97
		Material Engineering total	816	197	72	22	5	1	1	0	1	1,115	
461			Chemical Engineering in General	163	33	3	2	1	0	0	0	1	203
462			Reaction and Separation Engineering	80	19	11	0	0	0	0	0	0	110
463			Catalyst and Chemical Process	71	28	5	1	0	0	0	0	0	105
464			Bioengineering	175	44	14	4	4	0	0	0	0	241
465			Industrial Analytical Chemistry	96	22	2	1	1	0	0	0	0	122
			Process Engineering total	585	146	35	8	6	0	0	0	1	781
471				Industrial Physical Chemistry	88	38	22	8	4	0	0	0	0
472	Industrial Inorganic Chemistry			74	13	6	4	1	0	0	0	0	98
473	Industrial Organic Chemistry	44		24	6	1	0	0	0	0	0	75	
474	Synthetic Chemistry	124		88	10	2	0	0	0	0	0	224	
475	Polymer Synthesis	123		58	9	0	1	0	0	0	0	191	
476	Polymer Structure and Property (inclu. Fiber)	152		42	15	3	1	1	0	0	0	214	
	Industrial Chemistry total	605	263	68	18	7	1	0	0	0	962		
481		Aeronautics	66	49	13	4	0	0	1	0	0	133	
482		Ship Engineering	91	11	3	0	1	0	0	0	0	106	
483		Marine Engineering	20	15	4	1	0	0	0	0	0	40	
484		Resource Development Engineering	50	17	17	3	1	2	0	0	0	90	
	Synthetic Engineering total	227	92	37	8	2	2	1	0	0	369		
	ENGINEERING Total		9,221	2,789	768	200	60	18	10	2	6	13,074	
501	A G R I C U L T U R E		Plant Breeding	86	22	6	4	3	0	0	0	0	121
502			Crop Science	80	19	5	0	1	0	0	0	0	105
503			Horticulture and Landscape Architecture	178	63	37	13	2	0	0	0	0	293
504			Plant Protection	92	39	17	5	2	0	0	0	0	155
505			Sericultural Science and Economic Entomology	56	12	3	0	0	0	0	0	0	71
		Agriculture total	492	155	68	22	8	0	0	0	0	745	
511			Plant Fertilizer and Manure and Soil Science	81	37	14	5	4	0	0	0	0	141
512			Applied Microbiochemistry and Applied Biochemistry	323	74	17	4	2	1	0	0	0	421
513			Biological Productive Chemistry and Bioorganic Chemistry	92	35	4	2	1	0	0	0	0	134
514			Food Science and Nutritional Chemistry	433	72	15	8	1	3	0	0	0	532

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Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
	A		Agricultural Chemistry total	929	218	50	19	8	4	0	0	0	1,228	
521	G		Forestry	194	45	15	4	0	0	0	0	0	258	
522			Wood Science	116	29	10	2	0	0	0	0	0	157	
			Forestry total	310	74	25	6	0	0	0	0	0	415	
531	R		Fisheries in General	202	47	18	9	1	0	0	0	0	277	
532			Fisheries Chemistry	69	20	7	0	0	0	0	0	0	96	
	I		Fisheries total	271	67	25	9	1	0	0	0	0	373	
541			Agricultural Economics	209	38	12	9	2	1	0	0	0	271	
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	116	29	14	4	0	1	0	0	0	164	
552	U		Agricultural Machinery	58	30	15	4	2	0	1	0	0	110	
553	L		Biological Environment	39	10	6	2	0	0	0	1	0	58	
			Agricultural Engineering total	213	69	35	10	2	1	1	1	0	332	
561	T		Animal Science and Grassland Science	103	20	9	1	1	0	0	0	0	134	
562	U		Applied Animal Science	79	29	15	8	2	0	0	1	0	134	
563	R		Basic Veterinary Medicine and Basic Animal Science	159	38	11	3	3	0	0	0	0	214	
564			Applied Veterinary Medicine	151	48	5	5	2	1	0	0	0	212	
	E		Animal Science·Veterinary Medicine total	492	135	40	17	8	1	0	1	0	694	
571			Biological Resource Science	32	9	10	5	1	0	0	0	0	57	
572			Applied Molecular Cell Biology	53	8	1	1	0	0	0	0	0	63	
			Interdisciplinary Agricultural Science total	85	17	11	6	1	0	0	0	0	120	
			AGRICULTURE Total	3,001	773	266	98	30	7	1	2	0	4,178	
601	M		Anatomy in General (inclu. Histology, Embryology)	232	67	14	9	3	0	0	1	0	326	
602			Physiology in General	222	67	25	6	5	4	0	1	0	330	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	162	49	24	6	3	1	1	0	1	247	
604			Pharmacology in General	178	40	23	6	3	1	1	0	0	252	
605			Medical Chemistry in General	198	37	12	4	2	0	0	1	0	254	
606			Pathological Medical Chemistry	90	23	8	4	3	1	0	0	0	129	
			Physiology total	1,082	283	106	35	19	7	2	3	1	1,538	
611		E		Hominal Pathology	274	71	31	4	1	2	0	0	0	383
612				Experimental Pathology	127	35	9	2	3	2	0	0	0	178
613		D		Parasitology (inclu. Medical Zoology)	101	18	10	2	3	0	0	0	0	134
614		I		Bacteriology (inclu. Eumycetes)	166	62	17	8	2	0	0	0	0	255
615				Virology	130	27	9	4	1	0	0	0	1	172
616				Immunology	209	56	19	5	3	0	0	1	0	293
		C		Pathology total	1,007	269	95	25	13	4	0	1	1	1,415
621		I		Hygiene	155	41	23	6	4	2	0	0	0	231
622				Public Health and Health Science	550	113	26	9	3	3	0	0	1	705
623			Legal Medicine	113	39	15	2	3	0	0	0	1	173	
	N		Social Medicine total	818	193	64	17	10	5	0	0	2	1,109	
631	E		Internal Medicine in General	303	61	46	15	3	2	1	0	0	431	
632			Gastroenterology	389	52	22	10	3	2	0	2	0	480	
633			Internal Medicine Respiratory System	131	61	20	12	4	1	1	0	0	230	
634			Neurological Medicine	200	53	27	11	4	1	0	1	0	297	
635			Cardioangiology	394	82	50	14	5	3	2	0	1	551	
636			Pediatrics	365	77	40	7	5	2	0	0	0	496	
637			Dermatology	205	34	19	4	1	1	1	1	0	266	
638			Radiology	380	112	55	23	7	2	0	0	0	579	
639			Neuropsychiatry	350	63	27	5	3	1	0	1	1	451	
641			Hematology	227	57	29	12	7	0	2	1	0	335	
642			Internal Medicine of Kidney	109	38	37	13	3	2	0	0	1	203	
643			Embryology and Newborn	31	3	2	0	0	0	0	0	0	36	
644			Endocrinology	95	27	31	12	2	1	0	0	0	168	
645			Metabolic Science	125	37	27	8	1	0	0	0	0	198	
			Internal Medicine total	3,304	757	432	146	48	18	7	6	3	4,721	
651			Surgery in General	286	61	36	13	5	6	2	3	1	413	
652			Gastroenterological Surgery	284	69	23	9	6	5	2	0	1	399	
653			Thoracic Surgerv	213	44	24	10	6	1	0	0	1	299	

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Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total			
				0	1	2	3	4	5	6	7		8 or more		
654	M		Neurosurgery	232	52	26	8	8	1	1	0	0	328		
655			Orthopedic Surgery	405	104	46	13	7	5	4	3	1	588		
656			Anesthesiology and Rescue Medicine	298	85	34	14	8	1	2	0	0	442		
657			Urology	166	55	42	21	7	0	2	0	0	293		
658			Obstetrics and Gynecology	284	70	31	11	2	2	0	0	1	401		
659			Oto-rhino-laryngology	259	23	11	5	2	0	0	0	0	300		
660			Ophthalmology	144	88	33	14	9	2	1	0	0	291		
661			Pediatric Surgery	39	11	7	5	2	3	1	0	0	68		
662			Formative Surgery	85	11	4	2	2	0	1	0	0	105		
				Surgery total	2,695	673	317	125	64	26	16	6	5	3,927	
671	E		Oral Anatomy and Morphological Basic Dentistry	171	72	26	13	2	0	0	0	284			
672	D		Functional Basic Dentistry	127	56	17	6	1	1	0	0	208			
673	I		Morbid Dentistry (inclu. Dental Radiology)	142	45	17	6	1	0	0	0	211			
674	C		Conservative Dentistry	235	107	32	12	2	0	0	0	388			
675			Prosthodontics and Dental Technology	355	120	55	13	8	3	1	0	555			
676	I		Oral Surgery	446	112	57	11	1	1	1	0	629			
677	N		Orthodontics, Pedodontics and Social Dentistry	428	102	52	22	3	3	0	0	610			
678			Periodontological Dentistry	99	26	18	5	0	1	0	0	149			
	E		Dentistry total	2,003	640	274	88	18	9	2	0	0	3,034		
681			Chemical Pharmaceutics	319	108	26	5	1	2	0	0	461			
682			Physical Pharmaceutics	154	30	16	4	1	0	0	0	205			
683			Biopharmaceutics	385	84	31	9	3	2	0	0	514			
684			Molecular Pharmaceutics	119	36	7	5	0	1	0	0	168			
685			Environmental Pharmaceutics	42	13	5	3	0	0	0	0	63			
			Pharmaceutics total	1,019	271	85	26	5	5	0	0	0	1,411		
691			Medical Sociology	182	48	14	3	0	0	0	0	247			
692			Human Genetics	114	22	8	3	2	0	0	0	149			
693			Applied Pharmacology and Medical Pharmacology	98	25	14	3	1	1	0	0	142			
694			Pathological Examination	124	21	15	5	0	1	0	0	166			
696			Science of Basic and Local Nursing	610	26	3	6	2	1	0	0	648			
697			Science of Clinical Nursing	709	40	9	2	1	0	0	0	761			
			Medicine in General total	1,837	182	63	22	6	3	0	0	2,113			
	MEDICINE Total			13,765	3,268	1,436	484	183	77	27	16	12	19,268		
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)	110	22	9	2	1	0	0	0	144			
703			Physical Education	1,473	199	75	15	1	3	0	0	0	1,766		
704			Human Geography	243	20	14	1	0	1	0	0	0	279		
705			Physical Geography	111	16	9	5	1	0	0	0	0	142		
			Geography total	354	36	23	6	1	1	0	0	0	421		
706			Home Science(inclu. Cloth/Living Environments)	596	63	13	2	0	0	0	0	0	674		
707			Food Culture	447	30	4	1	0	0	0	0	0	482		
			Domestic Science total	1,043	93	17	3	0	0	0	0	0	1,156		
708			Science of Cultural Property	26	7	4	0	0	0	0	0	0	37		
711			Science Education	202	29	11	3	0	0	0	0	0	245		
712	A R E A		Educational Engineering	315	44	14	4	2	0	0	0	379			
713			Curriculum Studies	955	112	43	10	5	0	0	0	1,125			
714			Japanese Language Education	197	21	5	6	1	0	0	0	230			
			Science Education·Curriculum Education total	1,669	206	73	23	8	0	0	0	1,979			
721			Statistics	106	21	20	11	2	1	0	1	1	163		
731			Computer Science	567	186	119	21	6	1	1	1	0	902		
732			Intelligent Informatics	539	194	84	24	7	3	1	0	0	852		
733			I		Study of Information System (Inclu. Library and Information Science)	523	115	46	15	1	1	1	1	0	703
					Information Science total	1,629	495	249	60	14	5	3	2	0	2,457
741					Social System Engineering	285	66	28	12	1	1	0	0	0	393
751	Natural Disaster Science	32			11	2	3	2	0	1	0	0	51		
761	Plasma Science and Technology	150			39	2	1	0	0	0	0	0	192		
772	Nuclear Fusion	53			17	4	0	0	0	0	0	0	74		

Table 54. Number of Academic Society Affiliations (Overseas) by Field of Specialization

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total		
				0	1	2	3	4	5	6	7		8 or more	
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	57	21	5	1	0	1	0	0	0	85	
774			Nuclear Power Science	101	37	9	0	0	0	0	0	0	147	
			Energy total	211	75	18	1	0	1	0	0	0	306	
801			Environmental Dynamic Analysis	124	46	17	8	3	2	0	0	0	200	
802			Environmental Influence Assessment (inclu. Radiobiology)	146	38	11	3	0	0	0	1	0	199	
803			Environmental Preservation	203	56	20	4	1	0	1	0	0	285	
			Environmental Science total	473	140	48	15	4	2	1	1	0	684	
811			Biological Organic Chemistry	108	32	18	5	2	0	0	0	0	165	
812			Structured Biochemistry	127	23	7	5	1	0	0	1	0	164	
813			Functional Biochemistry	182	41	8	4	1	0	0	0	0	236	
			Biological Chemistry total	417	96	33	14	4	0	0	1	0	565	
821			Biophysics	180	38	13	2	0	0	0	0	0	233	
822			Molecular Biology	404	94	23	5	3	0	0	0	0	529	
823			Cell Biology	260	58	13	5	1	0	0	0	0	337	
824			Developmental Biology	158	24	5	0	1	0	0	0	0	188	
			Basic Biology total	1,002	214	54	12	5	0	0	0	0	1,287	
831		A R E A		Neuroanatomy and Neuropathology	69	48	16	3	0	0	0	0	0	136
832				Neurochemistry and Neuropharmacology	87	43	14	2	5	0	1	0	0	152
833				Neuro Science in General	169	95	36	8	0	1	1	0	0	310
834				Neuro and Muscular Physiology	106	58	31	5	1	1	2	0	0	204
				Neuro Science (inclu. Brain Science) total	431	244	97	18	6	2	4	0	0	802
841				Laboratory Animal Science	72	10	5	0	0	1	0	0	0	88
851				Medical Organism Engineering and Material Science of Organism	256	102	33	14	6	1	0	0	0	412
		INTERDISCIPLINARY AREA Total			9,739	2,076	790	210	55	18	9	5	1	12,903
999	WIDE AREA Total			1,876	220	98	29	14	6	0	0	0	2,243	
	Item n.a. Total			68,754	6,085	1,918	460	148	37	12	4	9	77,427	
	Grand Total			135,736	20,255	6,894	2,012	638	226	88	42	36	165,927	

Table 55. 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
211	ARTS • HUMANITIES		Philosophy	38	3	1	0	0	0	42
212			Chinese Philosophy	18	2	1	0	0	0	21
213			Indian Philosophy (inclu. Buddhist Studies)	82	7	1	0	0	1	91
214			Religion	37	2	0	0	0	0	39
215			Ethics	16	1	0	0	0	0	17
216			History of Philosophy	32	3	0	0	0	0	35
217			Aesthetics (inclu. Arts)	497	104	3	1	3	0	608
218			Art History	51	3	0	0	4	1	59
		Philosophy total	771	125	6	1	7	2	912	
221			Experimental Psychology	100	3	1	1	1	0	106
222			Educational and Social	234	16	0	3	0	0	253
223			Sociology	162	15	0	3	1	1	182
224			Education	170	31	0	1	6	1	209
225			Cultural Anthropology (inclu. Ethnology and Folklore)	80	7	0	10	1	0	98
		Psychology • Sociology • Education Cultural Anthropology total	746	72	1	18	9	2	848	
231			Japanese History	71	5	1	1	0	1	79
232			Oriental History	42	1	0	0	0	0	43
233			European History	36	4	0	0	0	0	40
234			Archaeology (inclu. Prehistory)	28	1	0	2	1	1	33
		History total	177	11	1	3	1	2	195	
241			Japanese Language	44	1	0	0	0	0	45
242			Japanese Literature	152	26	4	2	0	0	184
243			Chinese Language and Literature	33	2	0	0	0	0	35
244			English Language and Literature	158	18	2	0	0	0	178
245			French Language and Literature	45	1	1	0	0	0	47
246			German Language and Literature	43	1	0	0	0	0	44
247			Other Foreign Languages and Literatures	33	2	0	0	0	0	35
248			Linguistics and Phonetics	75	6	0	0	1	0	82
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	50	4	0	0	0	0	54
		Literature total	633	61	7	2	1	0	704	
	ARTS • HUMANITIES Total			2,327	269	15	24	18	6	2,659
261	LAW		Basic Science of Law	28	0	0	1	0	0	29
262			Public Law	25	0	0	0	0	0	25
263			International Law	36	0	0	0	0	0	36
264			Civil Law	47	0	0	1	0	0	48
265			Social Law	20	0	0	0	0	0	20
266			Criminal Law	5	0	0	0	0	0	5
267			Politics	104	0	0	0	0	0	104
	LAW Total			265	0	0	2	0	0	267
271	ECONOMICS		General Theory of Economics	81	1	0	0	0	0	82
272			Economical Statistics	19	0	0	0	0	0	19
273			Economic Policy (inclu. Economic Condition)	168	2	0	1	0	1	172
274			Economic History	47	2	0	1	0	0	50
275			Public Finance, Money and Banking	39	1	0	0	0	0	40
276			Commercial Science	75	3	0	0	0	0	78
277			Business Administration	156	9	0	0	0	0	165
278			Accounting	87	1	1	0	0	0	89
	ECONOMICS Total			672	19	1	2	0	1	695
301	SCIENCE		Algebra	22	0	1	0	0	0	23
302			Geometry	27	0	0	0	0	0	27
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	43	0	0	0	0	0	43
305			Basic Analysis	16	1	0	0	0	0	17
306			Larger-area Analysis	18	0	0	0	0	0	18
		Mathematics total	126	1	1	0	0	0	128	
311		Astronomy	17	1	1	3	5	0	27	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	64	0	0	7	0	0	71

Table 55. 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)	57	0	3	2	0	0	62
323			Solid-State Physics II (Magnetism, Metal Physics,	70	0	1	0	0	0	71
324			Physical Properties in General (inclu. Basic Theories)	34	0	1	2	0	0	37
325			Physics in General	34	0	1	3	0	2	40
			Physics total	259	0	6	14	0	2	281
331			Physics of Solid Earth	34	0	0	2	0	0	36
332			Meteorology, Oceanography and Hydrology	78	0	4	6	1	0	89
333			Aeronomy	23	0	1	0	3	0	27
334			Geology	55	0	0	0	0	1	56
335			Stratigraphy and Paleontology	36	0	0	1	1	0	38
336			Mineralogy, Petrology and Study of Mineral Deposit	60	0	0	0	1	0	61
337			Geochemistry	36	1	0	1	0	0	38
			Earth Science total	322	1	5	10	6	1	345
341			Physical Chemistry	105	0	2	8	0	0	115
342			Organic Chemistry	111	0	1	1	0	3	116
343			Inorganic Chemistry	47	0	2	2	0	0	51
344			Function, Properties and Materials in Chemistry	72	0	2	1	0	0	75
345			Substance Transformation	20	0	0	0	0	0	20
346			Separation, Refining and Identification	51	0	1	1	0	0	53
			Chemistry total	406	0	8	13	0	3	430
351			Genetics	49	0	0	5	0	0	54
352			Ecology	69	3	0	1	2	1	76
353			Plant Physiology	51	1	0	3	0	0	55
354			Morphology, Structure of Organism	40	0	0	2	0	0	42
355			Animal Physiology and	42	0	0	0	0	0	42
356			Morphology and Taxonomy	31	1	1	1	5	1	40
			Biology total	282	5	1	12	7	2	309
361			Physical Anthropology (inclu. Physiological Anthropology)	23	0	0	0	0	0	23
	SCIENCE Total			1,435	8	22	52	18	8	1,543
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	75	0	4	1	1	0	81
402			Surface Physics	46	0	1	0	0	0	47
403			Applied Optics and Quantum Optics	85	1	4	2	0	1	93
404			General Applied Physics	48	0	6	1	0	6	61
405			Fundamentals of Engineering	33	0	2	0	0	0	35
			Applied Physics·Fundamentals of Engineering total	287	1	17	4	1	7	317
411			Materials for Machines and Strength of Materials	194	2	16	1	0	2	215
412			Workshop Processes and Production Engineering	151	1	19	1	0	0	172
413			Design Engineering, Machine Elements and Tribology	95	2	6	0	0	0	103
414			Fluid Mechanics	161	2	11	0	4	0	178
415			Heat Engineering	170	1	10	1	0	0	182
416			Mechanics and Control Engineering	105	0	16	0	1	0	122
417			Intelligent Mechanics and Machine System	157	0	7	1	1	0	166
			Machine Engineering total	1,033	8	85	4	6	2	1,138
421			Electric Power Engineering and Electric Machinery	167	1	24	3	0	0	195
422			Electronic and Electric Materials Engineering	130	0	8	0	0	2	140
423			Electron Devices and Apparatus Engineering	178	4	11	1	0	0	194
424			Information and Communication Engineering	304	2	14	6	2	0	328

Table 55. Number of Persons Receiving Awards (Japanese) by Field of Specialization / by Institution Type

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	72	0	2	0	1	0	75
427			Electronic Measurements	133	1	12	0	0	0	146
428			Control Engineering	114	0	12	1	0	1	128
			Electric and Electronic Engineering	1,098	8	83	11	3	3	1,206
431			Construction Materials and Dynamics in General Civil Engineering	69	0	6	0	0	0	75
432			Structural Engineering and Seismology	81	1	4	0	0	0	86
433			Ground Engineering	91	0	5	1	0	1	98
434			Hydraulics and River Engineering	72	1	2	1	0	0	76
435			Traffic Engineering and Regional Planning	76	2	1	0	0	0	79
436			Civil Environmental System	69	0	7	0	0	0	76
			Civil Engineering total	458	4	25	2	0	1	490
441		N	Building Structure and Materials	130	2	3	0	0	1	136
442			Building Science and Building Equipment	101	3	4	0	0	2	110
443			City Planning and Building Planning	216	4	3	0	0	0	223
444			Architectural History and Design	88	6	1	0	1	0	96
			Architecture total	535	15	11	0	1	3	565
451		N	Physical Metallurgy	77	0	3	0	0	1	81
452			Inorganic Materials and	128	0	4	0	0	0	132
453			Composed Materials and Properties	34	0	3	0	0	0	37
454			Structural and Functional Materials	94	2	4	0	0	2	102
455		R	Metallurgy and Material	136	1	8	0	1	0	146
456			Metal Productive Engineering	69	0	0	0	0	0	69
			Material Engineering total	538	3	22	0	1	3	567
461		G	Chemical Engineering in General	74	0	4	0	0	0	78
462			Reaction and Separation Engineering	44	0	0	0	0	0	44
463			Catalyst and Chemical Process	40	1	0	0	0	0	41
464			Bioengineering	97	0	1	0	0	0	98
465			Industrial Analytical Chemistry	41	1	2	0	0	0	44
			Process Engineering total	296	2	7	0	0	0	305
471			Industrial Physical Chemistry	73	0	0	0	0	0	73
472			Industrial Inorganic Chemistry	35	0	1	0	0	0	36
473			Industrial Organic Chemistry	25	1	2	0	0	0	28
474			Synthetic Chemistry	74	0	2	0	0	0	76
475			Polymer Synthesis	63	0	3	0	0	0	66
476			Polymer Structure and Property (inclu. Fiber)	79	4	3	0	0	0	86
			Industrial Chemistry total	349	5	11	0	0	0	365
481			Aeronautics	39	0	2	0	4	0	45
482			Ship Engineering	43	0	5	0	0	0	48
483			Marine Engineering	20	0	0	0	0	0	20
484			Resource Development Engineering	55	0	1	0	0	0	56
			Synthetic Engineering total	157	0	8	0	4	0	169
			ENGINEERING Total	4,751	46	269	21	16	19	5,122
501	A G R I C U L T U R E		Plant Breeding	20	0	0	0	0	0	20
502			Crop Science	30	1	1	0	0	0	32
503			Horticulture and Landscape Architecture	101	8	0	0	0	1	110
504			Plant Protection	41	2	0	0	0	0	43
505			Sericultural Science and Economic Entomology	21	0	0	0	0	4	25
			Agriculture total	213	11	1	0	0	5	230
511			Plant Fertilizer and Manure and Soil Science	49	1	0	0	0	0	50
512			Applied Microbiochemistry and Applied Biochemistry	121	2	1	0	0	1	125
513			Biological Productive Chemistry and Bioorganic Chemistry	49	1	0	0	0	0	50
514			Food Science and Nutritional Chemistry	117	9	1	0	0	1	128

Table 55. 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
	A		Agricultural Chemistry total	336	13	2	0	0	2	353
521			Forestry	72	0	0	0	0	0	72
522	G		Wood Science	61	0	0	0	0	0	61
			Forestry total	133	0	0	0	0	0	133
531	R		Fisheries in General	84	0	0	0	0	0	84
532			Fisheries Chemistry	29	2	0	0	0	0	31
			Fisheries total	113	2	0	0	0	0	115
541	I		Agricultural Economics	90	3	0	1	0	0	94
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	43	2	0	0	0	0	45
552	U		Agricultural Machinery	35	1	0	0	0	0	36
553	L		Biological Environment	20	1	0	0	0	0	21
			Agricultural Engineering total	98	4	0	0	0	0	102
561	T		Animal Science and Grassland Science	43	4	0	0	0	0	47
562	U		Applied Animal Science	47	2	0	0	0	1	50
563	R		Basic Veterinary Medicine and Basic Animal Science	48	1	0	0	1	2	52
564			Applied Veterinary Medicine	66	1	0	0	0	2	69
	E		Animal Science-Veterinary Medicine total	204	8	0	0	1	5	218
571			Biological Resource Science	21	0	0	0	0	0	21
572			Applied Molecular Cell Biology	18	0	0	0	0	0	18
			Interdisciplinary Agricultural Science total	39	0	0	0	0	0	39
			AGRICULTURE Total	1,226	41	3	1	1	12	1,284
601			Anatomy in General (inclu. Histology, Embryology)	55	2	0	0	0	0	57
602			Physiology in General	76	1	0	2	0	0	79
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	63	4	0	1	0	0	68
604			Pharmacology in General	75	2	0	0	0	0	77
605			Medical Chemistry in General	65	3	0	0	0	2	70
606			Pathological Medical Chemistry	41	1	0	0	0	1	43
	M		Physiology total	375	13	0	3	0	3	394
611			Hominal Pathology	69	0	0	0	0	1	70
612	E		Experimental Pathology	44	0	0	0	0	2	46
613	D		Parasitology (inclu. Medical Zoology)	33	1	0	0	0	0	34
614			Bacteriology (inclu. Eumycetes)	84	4	0	0	0	1	89
615	I		Virology	34	0	0	0	0	0	34
616			Immunology	73	1	0	0	0	0	74
	C		Pathology total	337	6	0	0	0	4	347
621			Hygiene	53	1	0	0	0	3	57
622	I		Public Health and Health Science	142	12	0	0	0	0	154
623			Legal Medicine	40	0	0	0	0	0	40
	N		Social Medicine total	235	13	0	0	0	3	251
631			Internal Medicine in General	99	3	0	0	0	1	103
632	E		Gastroenterology	136	0	0	0	0	1	137
633			Internal Medicine Respiratory System	57	0	0	0	0	0	57
634			Neurological Medicine	64	0	0	0	0	0	64
635			Cardioangiopathy	133	0	0	0	0	0	133
636			Pediatrics	107	0	0	0	0	0	107
637			Dermatology	50	0	0	0	0	0	50
638			Radiology	128	4	0	1	0	1	134
639			Neuropsychiatry	56	0	0	0	0	0	56
641			Hematology	64	2	0	0	0	0	66
642			Internal Medicine of Kidney	53	0	0	0	0	0	53
643			Embryology and Newborn	3	0	0	0	0	0	3
644			Endocrinology	56	0	0	0	0	0	56
645			Metabolic Science	47	0	0	0	0	0	47
			Internal Medicine total	1,053	9	0	1	0	3	1,066
651			Surgery in General	64	0	0	0	0	0	64
652			Gastroenterological Surgery	74	0	0	0	0	1	75
653			Thoracic Surgery	48	0	0	0	0	0	48

Table 55. 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
654	M		Neurosurgery	72	0	0	0	0	0	72
655			Orthopedic Surgery	121	0	0	0	0	0	121
656			Anesthesiology and Rescue Medicine	69	1	0	0	0	0	70
657			Urology	65	0	0	0	0	0	65
658			Obstetrics and Gynecology	87	0	0	0	0	0	87
659			Oto-rhino-laryngology	27	0	0	0	0	0	27
660			Ophthalmology	67	0	0	0	0	0	67
661			Pediatric Surgery	17	0	0	0	0	0	17
662			Formative Surgery	8	0	0	0	0	0	8
			Surgery total	719	1	0	0	0	1	721
671	E		Oral Anatomy and Morphological Basic Dentistry	48	0	0	0	0	48	
672	D		Functional Basic Dentistry	38	1	0	0	0	39	
673	I		Morbid Dentistry (inclu. Dental Radiology)	29	0	0	0	0	29	
674	C		Conservative Dentistry	43	1	0	0	0	44	
675			Prosthodontics and Dental Technology	89	0	0	0	0	89	
676	I		Oral Surgery	58	0	0	0	0	58	
677	N		Orthodontics, Pedodontics and Social Dentistry	69	2	0	0	0	71	
678			Periodontological Dentistry	22	0	0	0	0	22	
	E		Dentistry total	396	4	0	0	0	400	
681			Chemical Pharmaceutics	121	1	0	0	2	124	
682			Physical Pharmaceutics	62	0	0	0	0	62	
683			Biopharmaceutics	120	1	0	0	1	122	
684			Molecular Pharmaceutics	45	0	0	0	0	45	
685			Environmental Pharmaceutics	20	0	0	0	0	20	
		Pharmaceutics total	368	2	0	0	3	373		
691			Medical Sociology	49	2	1	0	0	52	
692			Human Genetics	32	2	0	0	1	35	
693			Applied Pharmacology and Medical Pharmacology	51	0	0	0	0	51	
694			Pathological Examination	45	5	0	0	0	50	
696			Science of Basic and Local Nursing	26	5	0	0	0	31	
697			Science of Clinical Nursing	27	5	0	0	0	32	
		Medicine in General total	230	19	1	0	0	1	251	
	MEDICINE Total			3,713	67	1	4	0	18	3,803
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)	25	0	0	1	1	0	27
703			Physical Education	171	12	3	0	0	0	186
704			Human Geography	48	0	1	0	0	0	49
705			Physical Geography	31	0	0	0	0	0	31
			Geography total	79	0	1	0	0	0	80
706			Home Science(inclu. Cloth/Living Environments)	96	38	0	0	0	0	134
707			Food Culture	47	26	0	0	0	0	73
			Domestic Science total	143	64	0	0	0	0	207
708			Science of Cultural Property	5	1	0	0	0	0	6
711			Science Education	48	1	4	0	2	0	55
712	A R E A		Educational Engineering	64	4	3	5	0	0	76
713			Curriculum Studies	153	27	2	0	1	0	183
714			Japanese Language Education	7	1	0	0	1	0	9
			Science Education·Curriculum Education total	272	33	9	5	4	0	323
721	I		Statistics	44	1	0	5	0	0	50
731			Computer Science	227	6	8	1	0	0	242
732			Intelligent Informatics	270	4	10	6	0	0	290
733			Study of Information System (Inclu. Library and Information Science)	128	4	0	7	1	1	141
			Information Science total	625	14	18	14	1	1	673
741			Social System Engineering	132	2	3	0	0	1	138
751			Natural Disaster Science	12	1	1	0	0	0	14
761	I		Plasma Science and Technology	50	0	0	5	0	1	56
772			Nuclear Fusion	18	1	1	8	0	1	29

Table 55. 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
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	39	0	2	0	0	0	41
774			Nuclear Power Science	48	0	1	1	0	0	50
			Energy total	105	1	4	9	0	1	120
801			Environmental Dynamic Analysis	61	0	0	2	0	0	63
802			Environmental Influence Assessment (inclu. Radiobiology)	46	1	1	1	0	4	53
803			Environmental Preservation	95	0	2	0	0	2	99
			Environmental Science total	202	1	3	3	0	6	215
811			Biological Organic Chemistry	45	0	1	0	0	0	46
812			Structured Biochemistry	37	1	0	1	0	1	40
813			Functional Biochemistry	48	0	0	0	0	0	48
			Biological Chemistry total	130	1	1	1	0	1	134
821			Biophysics	33	0	0	1	0	0	34
822			Molecular Biology	98	0	0	3	0	3	104
823			Cell Biology	77	1	0	1	0	3	82
824			Developmental Biology	29	0	0	2	0	0	31
			Basic Biology total	237	1	0	7	0	6	251
831			Neuroanatomy and Neuropathology	26	0	0	0	0	0	26
832			Neurochemistry and Neuropharmacology	36	0	0	0	0	0	36
833			Neuro Science in General	51	1	0	4	0	1	57
834			Neuro and Muscular Physiology	33	0	0	2	0	0	35
			Neuro Science (inclu. Brain Science) total	146	1	0	6	0	1	154
841			Laboratory Animal Science	18	0	0	0	0	3	21
851			Medical Organism Engineering and Material Science of Organism	165	4	6	0	0	1	176
			INTERDISCIPLINARY AREA Total	2,561	137	49	56	6	22	2,831
999	WIDE AREA Total			513	51	5	5	1	0	575
	Item n.a. Total			7,335	202	249	73	50	51	7,960
	Grand Total			24,798	840	614	240	110	137	26,739

Table 56. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
211	A R T S · H U M A N I T I E S		Philosophy	6	0	0	0	0	0	6
212			Chinese Philosophy	1	0	0	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	3	0	0	0	0	0	3
214			Religion	5	0	0	0	0	0	5
215			Ethics	1	0	0	0	0	0	1
216			History of Philosophy	5	0	0	0	0	0	5
217			Aesthetics (inclu. Arts)	113	25	1	1	1	0	141
218			Art History	8	0	0	0	0	0	8
			Philosophy total	142	25	1	1	1	0	170
221			Experimental Psychology	11	0	0	0	0	0	11
222			Educational and Social	26	0	0	0	0	0	26
223			Sociology	24	2	0	0	0	0	26
224			Education	17	3	0	0	0	0	20
225			Cultural Anthropology (inclu. Ethnology and Folklore)	22	0	0	4	0	0	26
			Psychology·Sociology·Education Cultural Anthropology total	100	5	0	4	0	0	109
231			Japanese History	4	0	0	0	0	1	5
232			Oriental History	9	0	0	0	0	0	9
233			European History	8	2	0	0	0	0	10
234			Archaeology (inclu. Prehistory)	1	0	0	0	0	0	1
			History total	22	2	0	0	0	1	25
241			Japanese Language	3	0	0	0	0	0	3
242			Japanese Literature	7	1	0	0	0	0	8
243			Chinese Language and Literature	12	1	0	0	0	0	13
244			English Language and Literature	53	9	0	0	0	0	62
245			French Language and Literature	20	0	0	0	0	0	20
246			German Language and Literature	4	0	0	0	0	0	4
247			Other Foreign Languages and Literatures	16	0	0	0	0	0	16
248			Linguistics and Phonetics	31	3	0	0	0	0	34
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	12	1	0	0	0	0	13
			Literature total	158	15	0	0	0	0	173
			ARTS·HUMANITIES Total	422	47	1	5	1	1	477
261	L A W		Basic Science of Law	5	0	0	1	0	0	6
262			Public Law	4	0	0	0	0	0	4
263			International Law	8	0	0	0	0	0	8
264			Civil Law	6	0	0	0	0	0	6
265			Social Law	0	0	0	0	0	0	0
266			Criminal Law	1	0	0	0	0	0	1
267			Politics	23	0	0	0	0	0	23
			LAW Total	47	0	0	1	0	0	48
271	E C O N O M I C S		General Theory of Economics	15	0	0	0	0	0	15
272			Economical Statistics	9	0	0	0	0	0	9
273			Economic Policy (inclu. Economic Condition)	15	0	0	0	0	0	15
274			Economic History	5	0	0	0	0	0	5
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	27	0	0	0	0	0	27
278			Accounting	3	0	0	0	0	0	3
			ECONOMICS Total	80	0	0	0	0	0	80
301	S C I E N C E		Algebra	3	0	0	0	0	0	3
302			Geometry	2	0	0	0	0	0	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	12	0	0	0	0	0	12
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	0	0	0	19
311			Astronomy	3	0	0	0	1	0	4
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	21	0	0	3	0	0	24

Table 56. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subd ivision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	12	0	0	0	0	0	12
323			Solid-State Physics II (Magnetism, Metal Physics,	5	0	0	0	0	0	5
324			Physical Properties in General (inclu. Basic Theories)	8	0	0	1	0	0	9
325			Physics in General	9	0	1	2	0	0	12
			Physics total	55	0	1	6	0	0	62
331			Physics of Solid Earth	10	0	0	0	0	0	10
332			Meteorology, Oceanography and Hydrology	8	0	0	0	0	0	8
333			Aeronomy	8	0	0	0	1	0	9
334			Geology	4	0	0	0	0	0	4
335			Stratigraphy and Paleontology	2	0	0	0	0	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	9	0	0	0	0	0	9
337			Geochemistry	4	0	0	0	1	0	5
			Earth Science total	45	0	0	0	2	0	47
341			Physical Chemistry	10	0	0	0	0	0	10
342			Organic Chemistry	7	0	0	0	0	2	9
343			Inorganic Chemistry	2	0	0	0	0	0	2
344			Function, Properties and Materials in Chemistry	15	0	0	0	0	0	15
345			Substance Transformation	1	0	0	0	0	0	1
346			Separation, Refining and Identification	3	0	0	0	0	0	3
			Chemistry total	38	0	0	0	0	2	40
351			Genetics	4	0	0	1	0	0	5
352			Ecology	9	0	0	0	0	0	9
353			Plant Physiology	4	0	0	1	0	1	6
354			Morphology, Structure of Organism	5	0	0	1	0	0	6
355			Animal Physiology and	2	0	0	0	0	0	2
356			Morphology and Taxonomy	9	0	1	0	2	0	12
			Biology total	33	0	1	3	2	1	40
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	0	0	0	2
	SCIENCE Total			195	0	2	9	5	3	214
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	19	0	0	1	0	0	20
402			Surface Physics	9	0	0	0	0	0	9
403			Applied Optics and Quantum Optics	23	0	1	0	0	0	24
404			General Applied Physics	8	0	2	0	0	0	10
405			Fundamentals of Engineering	4	0	0	0	0	0	4
			Applied Physics·Fundamentals of Engineering total	63	0	3	1	0	0	67
411			Materials for Machines and Strength of Materials	32	0	2	0	0	2	36
412			Workshop Processes and Production Engineering	14	0	0	0	0	0	14
413			Design Engineering, Machine Elements and Tribology	16	0	0	0	0	0	16
414			Fluid Mechanics	20	0	0	0	1	0	21
415			Heat Engineering	30	1	0	0	0	0	31
416			Mechanics and Control Engineering	18	0	2	0	0	0	20
417			Intelligent Mechanics and Machine System	41	0	1	1	0	0	43
			Machine Engineering total	171	1	5	1	1	2	181
421			Electric Power Engineering and Electric Machinery	37	0	1	0	0	0	38
422			Electronic and Electric Materials Engineering	30	0	2	0	0	0	32
423			Electron Devices and Apparatus Engineering	57	1	1	0	0	0	59
424			Information and Communication Engineering	66	0	2	2	1	0	71

Table 56. 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
425	E		System Engineering	19	0	1	0	0	0	20
427			Electronic Measurements	21	0	2	0	0	0	23
428			Control Engineering	32	0	0	0	0	0	32
			Electric and Electronic Engineering	262	1	9	2	1	0	275
431			Construction Materials and Dynamics in General Civil Engineering	11	0	1	0	0	0	12
432			Structural Engineering and Seismology	7	0	0	0	0	0	7
433			Ground Engineering	18	0	0	0	0	0	18
434			Hydraulics and River Engineering	19	1	0	0	0	0	20
435			Traffic Engineering and Regional Planning	12	1	0	0	0	0	13
436			Civil Environmental System	4	1	1	0	0	0	6
			Civil Engineering total	71	3	2	0	0	0	76
441		N	Building Structure and Materials	26	0	2	0	0	0	28
442			Building Science and Building Equipment	12	2	1	0	0	1	16
443			City Planning and Building Planning	30	0	0	0	0	0	30
444			Architectural History and Design	14	0	0	0	0	0	14
			Architecture total	82	2	3	0	0	1	88
451		N	Physical Metallurgy	11	0	0	0	0	0	11
452			Inorganic Materials and	24	0	0	0	0	0	24
453		E	Composed Materials and Properties	7	0	0	0	0	0	7
454			Structural and Functional Materials	18	0	0	0	0	1	19
455		R	Metallurgy and Material	24	0	1	0	0	0	25
456			Metal Productive Engineering	10	0	0	0	0	0	10
			Material Engineering total	94	0	1	0	0	1	96
461		N	Chemical Engineering in General	11	0	0	0	0	0	11
462			Reaction and Separation Engineering	4	0	0	0	0	0	4
463			Catalyst and Chemical Process	5	0	0	0	0	0	5
464			Bioengineering	11	0	0	0	0	0	11
465			Industrial Analytical Chemistry	5	0	0	0	0	0	5
			Process Engineering total	36	0	0	0	0	0	36
471			Industrial Physical Chemistry	12	0	0	0	0	0	12
472			Industrial Inorganic Chemistry	8	0	0	0	0	0	8
473			Industrial Organic Chemistry	4	0	0	0	0	0	4
474			Synthetic Chemistry	3	0	0	0	0	0	3
475			Polymer Synthesis	4	0	0	0	0	0	4
476			Polymer Structure and Property (inclu. Fiber)	7	0	0	0	0	0	7
			Industrial Chemistry total	38	0	0	0	0	0	38
481			Aeronautics	8	0	1	0	2	0	11
482			Ship Engineering	4	0	0	0	0	0	4
483			Marine Engineering	4	0	0	0	0	0	4
484			Resource Development Engineering	8	0	0	0	0	0	8
			Synthetic Engineering total	24	0	1	0	2	0	27
			ENGINEERING Total	841	7	24	4	4	4	884
501	A		Plant Breeding	1	0	0	0	0	0	1
502			Crop Science	7	0	0	0	0	0	7
503			Horticulture and Landscape Architecture	3	0	0	0	0	0	3
504			Plant Protection	6	0	0	0	0	0	6
505			Sericultural Science and Economic Entomology	2	0	0	0	0	0	2
			Agriculture total	19	0	0	0	0	0	19
511			Plant Fertilizer and Manure and Soil Science	5	0	0	0	0	0	5
512			Applied Microbiochemistry and Applied Biochemistry	8	0	0	0	0	0	8
513			Biological Productive Chemistry and Bioorganic Chemistry	6	0	0	0	0	0	6
514			Food Science and Nutritional Chemistry	12	2	0	0	0	0	14

Table 56. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
	A		Agricultural Chemistry total	31	2	0	0	0	0	33
521			Forestry	3	0	0	1	0	0	4
522	G		Wood Science	4	0	0	0	0	0	4
			Forestry total	7	0	0	1	0	0	8
531	R		Fisheries in General	5	0	0	0	0	0	5
532			Fisheries Chemistry	4	0	0	0	0	0	4
			Fisheries total	9	0	0	0	0	0	9
541	I		Agricultural Economics	3	1	0	0	0	0	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	1	0	0	0	0	7
552	U		Agricultural Machinery	8	1	0	0	0	0	9
553	L		Biological Environment	6	0	0	0	0	0	6
			Agricultural Engineering total	20	2	0	0	0	0	22
561	T		Animal Science and Grassland Science	3	0	0	0	0	0	3
562	U		Applied Animal Science	5	1	0	0	0	0	6
563	R		Basic Veterinary Medicine and Basic Animal Science	8	0	0	0	0	0	8
564			Applied Veterinary Medicine	10	0	0	0	0	0	10
	E		Animal Science·Veterinary Medicine total	26	1	0	0	0	0	27
571			Biological Resource Science	2	0	0	0	0	0	2
572			Applied Molecular Cell Biology	2	0	0	0	0	0	2
			Interdisciplinary Agricultural Science total	4	0	0	0	0	0	4
			AGRICULTURE Total	119	6	0	1	0	0	126
601			Anatomy in General (inclu. Histology, Embryology)	14	0	0	0	0	0	14
602			Physiology in General	14	0	0	1	0	0	15
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	12	0	1	0	0	0	13
604			Pharmacology in General	11	0	0	0	0	0	11
605			Medical Chemistry in General	10	0	0	0	0	1	11
606			Pathological Medical Chemistry	9	0	0	0	0	0	9
	M		Physiology total	70	0	1	1	0	1	73
611			Hominal Pathology	13	0	0	0	0	0	13
612	E		Experimental Pathology	9	0	0	0	0	0	9
613	D		Parasitology (inclu. Medical Zoology)	3	0	0	0	0	0	3
614			Bacteriology (inclu. Eumycetes)	8	0	0	0	0	1	9
615	I		Virology	4	0	0	0	0	0	4
616			Immunology	15	0	0	0	0	1	16
	C		Pathology total	52	0	0	0	0	2	54
621			Hygiene	5	0	0	0	0	0	5
622	I		Public Health and Health Science	13	1	0	0	0	1	15
623			Legal Medicine	7	0	0	0	0	0	7
	N		Social Medicine total	25	1	0	0	0	1	27
631			Internal Medicine in General	18	0	0	0	0	1	19
632	E		Gastroenterology	22	0	0	0	0	0	22
633			Internal Medicine Respiratory System	9	0	0	0	0	0	9
634			Neurological Medicine	14	0	0	0	0	0	14
635			Cardioangiology	44	0	0	0	0	0	44
636			Pediatrics	18	0	0	0	0	0	18
637			Dermatology	16	0	0	0	0	0	16
638			Radiology	68	2	0	0	0	1	71
639			Neuropsychiatry	13	0	0	0	0	0	13
641			Hematology	12	1	0	0	0	0	13
642			Internal Medicine of Kidney	9	0	0	0	0	0	9
643			Embryology and Newborn	1	0	0	0	0	0	1
644			Endocrinology	13	0	0	0	0	0	13
645			Metabolic Science	7	0	0	0	0	0	7
			Internal Medicine total	264	3	0	0	0	2	269
651			Surgery in General	24	0	0	0	0	0	24
652			Gastroenterological Surgery	16	0	0	0	0	2	18
653			Thoracic Surgery	13	0	0	0	0	0	13

Table 56. Number of Persons Receiving Awards (Overseas) by Field of Specialization / by Institution Type

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
654	M		Neurosurgery	11	0	0	0	0	0	11
655			Orthopedic Surgery	50	1	0	0	0	0	51
656			Anesthesiology and Rescue Medicine	12	0	0	0	0	0	12
657			Urology	15	0	0	0	0	1	16
658			Obstetrics and Gynecology	29	0	0	0	0	0	29
659			Oto-rhino-laryngology	9	0	0	0	0	0	9
660			Ophthalmology	22	0	0	0	0	0	22
661			Pediatric Surgery	6	0	0	0	0	0	6
662			Formative Surgery	6	0	0	0	0	0	6
			Surgery total	213	1	0	0	0	3	217
671	E		Oral Anatomy and Morphological Basic Dentistry	13	0	0	0	0	13	
672	D		Functional Basic Dentistry	7	0	0	0	0	7	
673	I		Morbid Dentistry (inclu. Dental Radiology)	4	0	0	0	0	4	
674	C		Conservative Dentistry	10	0	0	0	0	10	
675	I		Prosthodontics and Dental Technology	8	0	0	0	0	8	
676			Oral Surgery	22	0	0	0	0	22	
677	N		Orthodontics, Pedodontics and Social Dentistry	15	1	0	0	0	16	
678	E		Periodontological Dentistry	13	0	0	0	0	13	
			Dentistry total	92	1	0	0	0	93	
681			Chemical Pharmaceutics	6	1	0	0	0	7	
682			Physical Pharmaceutics	7	0	0	0	0	7	
683			Biopharmaceutics	20	0	0	0	0	20	
684			Molecular Pharmaceutics	1	0	0	0	0	1	
685			Environmental Pharmaceutics	5	0	0	0	0	5	
	Pharmaceutics total	39	1	0	0	0	40			
691			Medical Sociology	8	0	0	0	0	8	
692			Human Genetics	6	0	0	0	0	6	
693			Applied Pharmacology and Medical Pharmacology	6	0	0	0	0	6	
694			Pathological Examination	8	0	0	0	0	8	
696			Science of Basic and Local Nursing	9	0	0	0	0	9	
697			Science of Clinical Nursing	6	0	0	0	0	6	
			Medicine in General total	43	0	0	0	0	43	
	MEDICINE Total			798	7	1	1	0	9	816
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)	4	0	0	0	0	0	4
703			Physical Education	19	2	0	0	0	0	21
704			Human Geography	3	0	0	0	0	0	3
705			Physical Geography	0	0	0	0	0	0	0
			Geography total	3	0	0	0	0	0	3
706			Home Science(inclu. Cloth/Living Environments)	5	0	0	0	0	0	5
707			Food Culture	3	1	0	0	0	0	4
			Domestic Science total	8	1	0	0	0	0	9
708			Science of Cultural Property	1	1	0	0	0	0	2
711			Science Education	6	0	0	0	0	0	6
712			Educational Engineering	6	1	1	2	1	0	11
713			Curriculum Studies	17	1	0	0	0	0	18
714			Japanese Language Education	4	0	0	0	0	0	4
			Science Education·Curriculum Education total	33	2	1	2	1	0	39
721	A R E A		Statistics	7	0	0	1	0	0	8
731			Computer Science	55	1	1	0	0	0	57
732			Intelligent Informatics	64	0	2	2	0	0	68
733			Study of Information System (Inclu. Library and Information Science)	23	1	0	2	1	0	27
			Information Science total	142	2	3	4	1	0	152
741	I		Social System Engineering	18	0	1	0	0	0	19
751			Natural Disaster Science	2	1	0	0	0	0	3
761			Plasma Science and Technology	11	0	0	1	0	0	12
772			Nuclear Fusion	3	0	1	1	0	0	5

Table 56. 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
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	11	0	1	0	1	0	13
774			Nuclear Power Science	7	0	0	0	0	0	7
			Energy total	21	0	2	1	1	0	25
801			Environmental Dynamic Analysis	6	0	0	0	0	0	6
802			Environmental Influence Assessment (inclu. Radiobiology)	8	0	0	0	0	0	8
803			Environmental Preservation	13	0	0	0	0	0	13
			Environmental Science total	27	0	0	0	0	0	27
811			Biological Organic Chemistry	3	0	0	0	0	0	3
812			Structured Biochemistry	3	0	0	0	0	0	3
813			Functional Biochemistry	6	0	0	0	0	0	6
			Biological Chemistry total	12	0	0	0	0	0	12
821			Biophysics	9	0	0	0	0	0	9
822			Molecular Biology	16	0	0	0	0	0	16
823			Cell Biology	12	0	0	1	0	1	14
824			Developmental Biology	4	0	0	0	0	0	4
			Basic Biology total	41	0	0	1	0	1	43
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	10	0	0	0	0	0	10
834			Neuro and Muscular Physiology	7	0	0	0	0	0	7
			Neuro Science (inclu. Brain Science) total	27	0	0	0	0	0	27
841			Laboratory Animal Science	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	42	2	1	0	0	0	45
			INTERDISCIPLINARY AREA Total	419	11	8	10	3	2	453
999	WIDE AREA Total			116	7	0	0	0	0	123
	Item n.a. Total			1,237	25	16	11	9	5	1,303
	Grand Total			4,274	110	52	42	22	24	4,524

Table 57. Number of Researchers by Institution Type / by Professional Title / by Gender

Organizations		President/Vice President				Professor				Associate Professor				Lecturer			
		Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Universities	National	103	1	5	109	16,262	966	390	17,618	12,620	1,390	434	14,444	3,109	535	147	3,791
	Municipal	25	3	0	28	2,309	322	19	2,650	1,606	381	30	2,017	863	290	17	1,170
	Private	248	20	5	273	22,833	2,833	730	26,396	9,844	2,549	379	12,772	6,424	2,000	259	8,683
	total	376	24	10	410	41,404	4,121	1,139	46,664	24,070	4,320	843	29,233	10,396	2,825	423	13,644
Junior Colleges	National	2	0	1	3	46	6	1	53	26	8	4	38	6	3	0	9
	Municipal	10	3	0	13	223	83	0	306	177	109	1	287	73	91	4	168
	Private	101	15	3	119	2,083	1,065	11	3,159	1,174	1,035	9	2,218	793	943	19	1,755
	total	113	18	4	135	2,352	1,154	12	3,518	1,377	1,152	14	2,543	872	1,037	23	1,932
Colleges of Technology	National	9	0	0	9	1,364	23	5	1,392	1,288	59	6	1,353	323	44	3	370
	Municipal	0	0	0	0	133	1	0	134	81	7	0	88	30	7	1	38
	Private	1	0	0	1	53	0	0	53	30	2	0	32	34	2	1	37
	total	10	0	0	10	1,550	24	5	1,579	1,399	68	6	1,473	387	53	5	445
Inter-University Research Institutes		0	0	0	0	274	12	13	299	244	38	5	287	1	0	1	2
Government Research Institutes		0	0	0	0	33	0	1	34	34	2	1	37	0	0	0	0
Private Scientific Research Institutes		0	0	0	0	8	0	0	8	3	0	0	3	2	1	0	3
Grand Total	National	114	1	6	121	17,979	1,007	410	19,396	14,212	1,497	450	16,159	3,439	582	151	4,172
	Municipal	35	6	0	41	2,665	406	19	3,090	1,864	497	31	2,392	966	388	22	1,376
	Private	350	35	8	393	24,977	3,898	741	29,616	11,051	3,586	388	15,025	7,253	2,946	279	10,478
	total	499	42	14	555	45,621	5,311	1,170	52,102	27,127	5,580	869	33,576	11,658	3,916	452	16,026

Table 57. Number of Researchers by Institution Type / by Professional Title / by Gender

Organizations		Research Assistant				others				Graduate Student				Part-time Researcher			
		Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total	Male	Female	Unknown	Total
Universities	National	9,511	1,537	453	11,501	551	165	42	758	7,182	2,308	192	9,682	654	189	20	863
	Municipal	1,278	456	33	1,767	110	26	0	136	350	142	10	502	12	5	0	17
	Private	4,581	2,031	241	6,853	772	205	48	1,025	2,261	1,090	59	3,410	64	14	2	80
	total	15,370	4,024	727	20,121	1,433	396	90	1,919	9,793	3,540	261	13,594	730	208	22	960
Junior Colleges	National	16	6	1	23	0	0	0	0	0	0	0	0	0	0	0	0
	Municipal	21	92	2	115	1	0	0	1	2	0	0	2	0	0	0	0
	Private	66	313	7	386	52	26	2	80	3	4	0	7	0	0	0	0
	total	103	411	10	524	53	26	2	81	5	4	0	9	0	0	0	0
Colleges of Technology	National	353	36	3	392	24	1	0	25	10	3	0	13	1	0	0	1
	Municipal	5	1	0	6	2	0	0	2	0	0	0	0	0	0	0	0
	Private	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
	total	363	37	3	403	26	1	0	27	10	3	0	13	1	0	0	1
Inter-University Research Institutes		268	26	16	310	55	4	5	64	15	1	0	16	45	13	3	61
Government Research Institutes		34	1	2	37	426	72	12	510	0	0	0	0	1	1	1	3
Private Scientific Research Institutes		3	0	0	3	552	109	5	666	4	0	0	4	8	5	0	13
Grand Total	National	10,182	1,606	475	12,263	1,056	242	59	1,357	7,207	2,312	192	9,711	701	203	24	928
	Municipal	1,304	549	35	1,888	113	26	0	139	352	142	10	504	12	5	0	17
	Private	4,655	2,344	248	7,247	1,376	340	55	1,771	2,268	1,094	59	3,421	72	19	2	93
	total	16,141	4,499	758	21,398	2,545	608	114	3,267	9,827	3,548	261	13,636	785	227	26	1,038

Table 57. Number of Researchers by Institution Type / by Professional Title / by Gender

Organizations		Unknown				Total			
		Male	Female	Unknown	Total	Male	Female	Unknown	Total
Universities	National	886	195	10,115	11,196	50,878	7,286	11,798	69,962
	Municipal	78	23	1,252	1,353	6,631	1,648	1,361	9,640
	Private	901	238	9,066	10,205	47,928	10,980	10,789	69,697
	total	1,865	456	20,433	22,754	105,437	19,914	23,948	149,299
Junior Colleges	National	1	0	37	38	97	23	44	164
	Municipal	6	5	116	127	513	383	123	1,019
	Private	54	40	417	511	4,326	3,441	468	8,235
	total	61	45	570	676	4,936	3,847	635	9,418
Colleges of Technology	National	40	4	62	106	3,412	170	79	3,661
	Municipal	2	0	1	3	253	16	2	271
	Private	2	1	0	3	125	5	1	131
	total	44	5	63	112	3,790	191	82	4,063
Inter-University Research Institutes		29	3	440	472	931	97	483	1,511
Government Research Institutes		31	4	142	177	559	80	159	798
Private Scientific Research Institutes		51	8	79	138	631	123	84	838
Grand Total	National	987	206	10,796	11,989	55,877	7,656	12,563	76,096
	Municipal	86	28	1,369	1,483	7,397	2,047	1,486	10,930
	Private	1,008	287	9,562	10,857	53,010	14,549	11,342	78,901
	total	2,081	521	21,727	24,329	116,284	24,252	25,391	165,927

Table 58. 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	69,962	27,407	18,416	1,176	46,999	8,994	13,969	53,380	2,177	14,405
	Municipal	9,640	3,771	2,243	129	6,143	1,630	1,867	7,447	289	1,904
	Private	69,697	26,345	15,504	920	42,769	14,012	12,916	53,466	3,266	12,965
	total	149,299	57,523	36,163	2,225	95,911	24,636	28,752	114,293	5,732	29,274
Junior Colleges	National	164	35	52	2	89	31	44	118	3	43
	Municipal	1,019	325	293	12	630	210	179	838	24	157
	Private	8,235	1,812	2,528	98	4,438	2,512	1,285	7,177	347	711
	total	9,418	2,172	2,873	112	5,157	2,753	1,508	8,133	374	911
Colleges of Technology	National	3,661	1,309	1,467	22	2,798	632	231	3,485	59	117
	Municipal	271	111	110	1	222	41	8	262	1	8
	Private	131	22	45	3	70	48	13	111	10	10
	total	4,063	1,442	1,622	26	3,090	721	252	3,858	70	135
Inter-University Research Institutes		1,511	671	160	47	878	58	575	870	37	604
Government Research Institutes		798	332	216	62	610	70	118	613	16	169
Private Scientific Research Institutes		838	233	176	37	446	254	138	693	28	117
Grand Total	National	76,096	29,754	20,311	1,309	51,374	9,785	14,937	58,466	2,292	15,338
	Municipal	10,930	4,207	2,646	142	6,995	1,881	2,054	8,547	314	2,069
	Private	78,901	28,412	18,253	1,058	47,723	16,826	14,352	61,447	3,651	13,803
	total	165,927	62,373	41,210	2,509	106,092	28,492	31,343	128,460	6,257	31,210

Table 59. 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	83	13,018	10,385	2,755	7,484	438	147	616	513	35,439
	Municipal	20	1,761	1,277	750	857	47	6	10	37	4,765
	Private	163	13,119	5,904	4,694	3,029	467	79	50	760	28,265
	total	266	27,898	17,566	8,199	11,370	952	232	676	1,310	68,469
Junior Colleges	National	1	24	13	2	8	0	0	0	0	48
	Municipal	6	127	92	39	15	1	0	0	3	283
	Private	44	719	286	167	14	14	1	0	11	1,256
	total	51	870	391	208	37	15	1	0	14	1,587
Colleges of Technology	National	8	896	742	158	194	21	7	1	31	2,058
	Municipal	0	65	48	21	4	2	0	0	2	142
	Private	0	21	4	8	0	0	0	0	0	33
	total	8	982	794	187	198	23	7	1	33	2,233
Inter-University Research Institutes		0	264	224	1	238	51	1	36	43	858
Government Research Institutes		0	34	35	0	34	185	0	2	55	345
Private Scientific Research Institutes		0	4	0	1	2	328	2	12	36	385
Grand Total	National	92	14,236	11,399	2,916	7,958	695	155	655	642	38,748
	Municipal	26	1,953	1,417	810	876	50	6	10	42	5,190
	Private	207	13,863	6,194	4,870	3,045	809	82	62	807	29,939
	total	325	30,052	19,010	8,596	11,879	1,554	243	727	1,491	73,877

Table 60. 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	1,618	1,806	355	948	61	448	137	164	5,541
	Municipal	1	249	238	111	109	2	14	3	9	736
	Private	11	2,245	1,171	629	269	61	154	9	103	4,652
	total	16	4,112	3,215	1,095	1,326	124	616	149	276	10,929
Junior Colleges	National	0	8	5	0	4	0	0	0	0	17
	Municipal	0	25	25	12	2	0	0	0	2	66
	Private	2	153	116	50	5	4	0	0	5	335
	total	2	186	146	62	11	4	0	0	7	418
Colleges of Technology	National	1	72	109	17	13	1	0	0	6	219
	Municipal	0	5	2	1	0	0	0	0	0	8
	Private	0	1	1	2	0	0	0	0	0	4
	total	1	78	112	20	13	1	0	0	6	231
Inter-University Research Institutes		0	41	57	0	40	8	1	8	5	160
Government Research Institutes		0	3	8	0	3	57	0	0	8	79
Private Scientific Research Institutes		0	1	1	1	0	43	0	2	2	50
Grand Total	National	5	1,742	1,985	372	1,008	127	449	145	183	6,016
	Municipal	1	279	265	124	111	2	14	3	11	810
	Private	13	2,400	1,289	682	274	108	154	11	110	5,041
	total	15	4,421	3,539	1,178	1,393	237	617	159	304	11,867

Table 61. 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	16	4,202	3,558	903	2,638	207	1,403	280	309	13,516
	Municipal	7	531	449	252	321	8	52	3	29	1,652
	Private	38	4,566	2,121	1,588	964	146	388	28	159	9,998
	total	61	9,299	6,128	2,743	3,923	361	1,843	311	497	25,166
Junior Colleges	National	1	7	12	1	6	0	0	0	0	27
	Municipal	3	33	29	14	1	1	0	0	5	86
	Private	10	211	133	111	13	5	0	0	6	489
	total	14	251	174	126	20	6	0	0	11	602
Colleges of Technology	National	4	190	239	70	72	5	6	1	12	599
	Municipal	0	15	8	4	1	0	0	0	0	28
	Private	0	6	4	3	1	0	0	0	0	14
	total	4	211	251	77	74	5	6	1	12	641
Inter-University Research Institutes		0	115	93	0	90	20	1	16	10	345
Government Research Institutes		0	21	22	0	16	90	0	1	17	167
Private Scientific Research Institutes		0	2	2	1	1	100	1	5	11	123
Grand Total	National	21	4,535	3,924	974	2,822	322	1,410	298	348	14,654
	Municipal	10	579	486	270	323	9	52	3	34	1,766
	Private	48	4,785	2,260	1,703	979	251	389	33	176	10,624
	total	79	9,899	6,670	2,947	4,124	582	1,851	334	558	27,044

Table 62. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Institution Type / by Party Covering Expenses

Organizations		Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc. (contribution, entrusted fund included)	At one's own expenses	Total (excl. duplicated sponsors)
Universities	National	1,431	1,164	4,871	783	2,711	3,793	4,217	13,516
	Municipal	163	142	431	57	525	305	656	1,652
	Private	1,077	1,036	1,260	362	4,953	1,059	3,506	9,998
	total	2,671	2,342	6,562	1,202	8,189	5,157	8,379	25,166
Junior Colleges	National	2	1	12	0	6	8	12	27
	Municipal	8	9	11	3	25	4	53	86
	Private	36	51	52	15	183	40	238	489
	total	46	61	75	18	214	52	303	602
Colleges of Technology	National	15	25	143	23	120	200	242	599
	Municipal	0	0	10	1	7	9	10	28
	Private	0	0	0	0	10	1	4	14
	total	15	25	153	24	137	210	256	641
Inter-University Research Institutes		52	47	231	18	88	59	40	345
Government Research Institutes		9	17	44	13	98	24	30	167
Private Scientific Research Institutes		15	16	27	9	51	16	25	123
Grand Total	National	1,509	1,254	5,301	837	3,023	4,084	4,541	14,654
	Municipal	171	151	452	61	557	318	719	1,766
	Private	1,128	1,103	1,339	386	5,197	1,116	3,773	10,624
	total	2,808	2,508	7,092	1,284	8,777	5,518	9,033	27,044

Table 63. Number of Reserchers Who Have Spoken at 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	13	3,971	3,481	871	2,654	206	1,350	290	326	13,162
	Municipal	7	487	429	234	320	8	49	3	30	1,567
	Private	29	3,928	1,880	1,475	933	126	321	29	141	8,862
	total	49	8,386	5,790	2,580	3,907	340	1,720	322	497	23,591
Junior Colleges	National	1	7	10	1	5	0	0	0	0	24
	Municipal	2	26	31	14	4	0	0	0	4	81
	Private	6	167	99	91	10	3	1	0	7	384
	total	9	200	140	106	19	3	1	0	11	489
Colleges of Technology	National	4	188	250	69	84	4	6	0	15	620
	Municipal	0	15	10	5	1	0	0	0	0	31
	Private	0	5	5	4	1	0	0	0	0	15
	total	4	208	265	78	86	4	6	0	15	666
Inter-University Research Institutes		0	108	93	0	98	21	1	14	9	344
Government Research Institutes		0	19	22	0	15	81	0	1	16	154
Private Scientific Research Institutes		0	1	1	1	1	93	1	5	11	114
Grand Total	National	18	4,293	3,856	941	2,856	312	1,357	305	366	14,304
	Municipal	9	528	470	253	325	8	49	3	34	1,679
	Private	35	4,101	1,985	1,571	945	222	323	34	159	9,375
	total	62	8,922	6,311	2,765	4,126	542	1,729	342	559	25,358

Table 64. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Institution Type / by Party Covering Expenses

Organizations		Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation, etc. (contribution, entrusted fund included)	At one's own expenses	Total (excl. duplicated sponsors)
Universities	National	1,392	1,142	4,795	722	2,666	3,763	3,783	13,162
	Municipal	166	130	424	51	512	299	570	1,567
	Private	1,017	953	1,180	305	4,499	954	2,700	8,862
	total	2,575	2,225	6,399	1,078	7,677	5,016	7,053	23,591
Junior Colleges	National	2	1	12	0	3	7	11	24
	Municipal	10	9	11	2	24	4	46	81
	Private	35	44	42	11	146	27	164	384
	total	47	54	65	13	173	38	221	489
Colleges of Technology	National	14	26	141	23	128	219	241	620
	Municipal	0	0	10	1	7	9	13	31
	Private	0	0	0	0	12	2	2	15
	total	14	26	151	24	147	230	256	666
Inter-University Research Institutes		47	43	233	20	84	63	36	344
Government Research Institutes		12	17	48	12	87	21	22	154
Private Scientific Research Institutes		13	15	26	8	52	15	19	114
Grand Total	National	1,467	1,229	5,229	777	2,968	4,073	4,093	14,304
	Municipal	176	139	445	54	543	312	629	1,679
	Private	1,065	1,012	1,248	324	4,709	998	2,885	9,375
	total	2,708	2,380	6,922	1,155	8,220	5,383	7,607	25,358

Table 65. 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	22,883	8,643	9,025	9,775	7,493	5,331	2,905	1,602	2,305	69,962
	Municipal	2,643	897	1,119	1,468	1,175	1,017	568	302	451	9,640
	Private	18,363	7,813	9,161	10,764	8,630	6,536	3,482	1,976	2,972	69,697
	total	43,889	17,353	19,305	22,007	17,298	12,884	6,955	3,880	5,728	149,299
Junior Colleges	National	53	21	28	21	19	10	6	3	3	164
	Municipal	235	88	111	186	151	130	61	27	30	1,019
	Private	1,867	1,198	1,328	1,341	1,021	714	376	171	219	8,235
	total	2,155	1,307	1,467	1,548	1,191	854	443	201	252	9,418
Colleges of Technology	National	362	723	947	795	443	218	92	42	39	3,661
	Municipal	20	43	66	73	39	18	7	2	3	271
	Private	38	33	29	14	8	6	1	0	2	131
	total	420	799	1,042	882	490	242	100	44	44	4,063
Inter-University Research Institutes		728	216	228	172	67	51	21	10	18	1,511
Government Research Institutes		287	105	123	105	79	57	20	10	12	798
Private Scientific Research Institutes		272	115	148	115	76	52	23	16	21	838
Grand Total	National	24,313	9,708	10,351	10,868	8,101	5,667	3,044	1,667	2,377	76,096
	Municipal	2,898	1,028	1,296	1,727	1,365	1,165	636	331	484	10,930
	Private	20,540	9,159	10,666	12,234	9,735	7,308	3,882	2,163	3,214	78,901
	total	47,751	19,895	22,313	24,829	19,201	14,140	7,562	4,161	6,075	165,927

Table 66. 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	55,717	9,475	3,331	963	305	95	39	18	19	69,962
	Municipal	7,670	1,293	479	127	40	19	7	1	4	9,640
	Private	57,354	8,213	2,835	857	266	100	40	20	12	69,697
	total	120,741	18,981	6,645	1,947	611	214	86	39	35	149,299
Junior Colleges	National	149	10	5	0	0	0	0	0	0	164
	Municipal	922	74	17	3	1	1	1	0	0	1,019
	Private	7,686	432	77	24	13	1	1	1	0	8,235
	total	8,757	516	99	27	14	2	2	1	0	9,418
Colleges of Technology	National	3,250	355	44	6	5	1	0	0	0	3,661
	Municipal	245	24	1	1	0	0	0	0	0	271
	Private	119	11	0	0	0	1	0	0	0	131
	total	3,614	390	45	7	5	2	0	0	0	4,063
Inter-University Research Institutes		1,256	177	58	12	2	4	0	1	1	1,511
Government Research Institutes		633	120	31	8	4	2	0	0	0	798
Private Scientific Research Institutes		735	71	16	11	2	2	0	1	0	838
Grand Total	National	61,005	10,137	3,469	989	316	102	39	19	20	76,096
	Municipal	8,837	1,391	497	131	41	20	8	1	4	10,930
	Private	65,894	8,727	2,928	892	281	104	41	22	12	78,901
	total	135,736	20,255	6,894	2,012	638	226	88	42	36	165,927