

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	6	7	1	0
212			Chinese Philosophy	0	4	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	6	11	1	0
214			Religion	9	10	2	1
215			Ethics	2	0	0	1
216			History of Philosophy	3	3	1	0
217			Aesthetics (inclu. Arts)	19	17	4	6
218			Art History	1	2	1	0
		Philosophy total	46	54	10	9	
221			Experimental Psychology	2	1	10	1
222			Educational and Social	5	3	14	0
223			Sociology	22	20	13	4
224			Education	15	9	1	2
225			Cultural Anthropology (inclu. Ethnology and Folklore)	12	3	3	3
		Psychology • Sociology • Education Cultural Anthropology total	56	36	41	10	
231			Japanese History	3	0	2	1
232			Oriental History	12	10	2	0
233			European History	4	6	3	1
234			Archaeology (inclu. Prehistory)	4	3	5	0
		History total	23	19	12	2	
241			Japanese Language	4	6	1	2
242			Japanese Literature	13	14	4	2
243			Chinese Language and Literature	13	7	7	2
244			English Language and Literature	16	20	8	3
245			French Language and Literature	4	4	4	1
246			German Language and Literature	4	3	2	1
247			Other Foreign Languages and Literatures	12	7	4	0
248			Linguistics and Phonetics	15	11	7	3
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	5	2	0
			Literature total	83	77	39	14
	ARTS • HUMANITIES Total			208	186	102	35
261	LAW		Basic Science of Law	8	2	3	0
262			Public Law	1	0	1	0
263			International Law	3	4	0	0
264			Civil Law	6	7	3	1
265			Social Law	0	0	4	0
266			Criminal Law	3	2	1	0
267			Politics	20	16	6	1
	LAW Total			41	31	18	2
271	ECONOMICS		General Theory of Economics	5	5	11	1
272			Economical Statistics	1	0	1	2
273			Economic Policy (inclu. Economic Condition)	15	22	4	6
274			Economic History	2	4	4	0
275			Public Finance, Money and Banking	5	3	3	2
276			Commercial Science	4	3	3	0
277			Business Administration	14	12	4	2
278			Accounting	3	4	2	0
	ECONOMICS Total			49	53	32	13
301	SCIENCE		Algebra	5	3	8	0
302			Geometry	2	1	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	7	3	19	4
305			Basic Analysis	1	3	11	0
306			Larger-area Analysis	3	1	4	1
		Mathematics total	18	11	46	5	
311		Astronomy	2	1	2	0	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	5	2	7	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	14	2	9	31
212			Chinese Philosophy	4	1	1	9
213			Indian Philosophy (inclu. Buddhist Studies)	10	2	7	30
214			Religion	14	1	5	29
215			Ethics	3	0	2	6
216			History of Philosophy	10	1	7	18
217			Aesthetics (inclu. Arts)	14	6	25	69
218			Art History	1	2	2	9
			Philosophy total	70	15	58	201
221			Experimental Psychology	19	1	14	39
222			Educational and Social	50	2	40	100
223			Sociology	40	6	30	94
224			Education	25	6	17	60
225			Cultural Anthropology (inclu. Ethnology and Folklore)	17	6	12	38
			Psychology • Sociology • Education Cultural Anthropology total	151	21	113	331
231			Japanese History	7	0	4	16
232			Oriental History	12	1	14	40
233			European History	7	3	5	22
234			Archaeology (inclu. Prehistory)	3	0	5	14
			History total	29	4	28	92
241			Japanese Language	4	0	4	18
242			Japanese Literature	13	2	9	41
243			Chinese Language and Literature	16	2	13	43
244			English Language and Literature	61	9	23	109
245			French Language and Literature	12	0	4	23
246			German Language and Literature	5	2	2	13
247			Other Foreign Languages and Literatures	21	0	14	43
248			Linguistics and Phonetics	48	3	23	86
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	0	4	18
			Literature total	189	18	96	394
			ARTS • HUMANITIES Total	439	58	295	1,018
261	LAW		Basic Science of Law	5	0	2	14
262			Public Law	2	0	1	5
263			International Law	8	1	4	16
264			Civil Law	6	1	7	23
265			Social Law	0	0	2	5
266			Criminal Law	2	0	3	10
267			Politics	15	8	9	54
			LAW Total	38	10	28	127
271	ECONOMICS		General Theory of Economics	28	5	13	51
272			Economical Statistics	7	1	3	13
273			Economic Policy (inclu. Economic Condition)	18	7	16	58
274			Economic History	7	0	2	15
275			Public Finance, Money and Banking	7	0	1	15
276			Commercial Science	8	4	4	25
277			Business Administration	34	5	20	76
278			Accounting	12	2	3	21
			ECONOMICS Total	121	24	62	274
301	SCIENCE		Algebra	10	1	3	22
302			Geometry	4	1	0	10
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	18	0	15	42
305			Basic Analysis	15	1	5	27
306			Larger-area Analysis	8	0	1	12
			Mathematics total	55	3	24	113
311			Astronomy	7	1	2	11
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	24	4	7	39

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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	8	1
323			Solid-State Physics II (Magnetism, Metal Physics,	3	4	7	0
324			Physical Properties in General (inclu. Basic Theories)	2	1	5	0
325			Physics in General	1	2	4	1
			Physics total	12	9	31	4
331			Physics of Solid Earth	0	0	2	0
332			Meteorology, Oceanography and Hydrology	1	2	5	2
333			Aeronomy	1	1	1	0
334			Geology	1	1	1	1
335			Stratigraphy and Paleontology	1	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	1	0	1	0
			Earth Science total	5	4	10	3
341			Physical Chemistry	5	2	5	2
342			Organic Chemistry	2	0	2	1
343			Inorganic Chemistry	0	1	2	1
344			Function, Properties and Materials in Chemistry	3	2	1	2
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	1	0	1	2
			Chemistry total	11	5	11	8
351			Genetics	1	1	1	0
352			Ecology	3	3	3	1
353			Plant Physiology	1	2	2	0
354			Morphology, Structure of Organism	1	0	1	0
355			Animal Physiology and	0	2	1	1
356			Morphology and Taxonomy	1	1	0	0
			Biology total	7	9	8	2
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	2	0
	SCIENCE Total			56	40	110	22
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	1	1
402			Surface Physics	1	0	1	1
403			Applied Optics and Quantum Optics	1	1	2	0
404			General Applied Physics	0	1	1	0
405			Fundamentals of Engineering	1	0	0	0
			Applied Physics·Fundamentals of Engineering total	3	3	5	2
411			Materials for Machines and Strength of Materials	3	3	8	2
412			Workshop Processes and Production Engineering	1	3	2	1
413			Design Engineering, Machine Elements and Tribology	0	0	2	0
414			Fluid Mechanics	0	1	4	0
415			Heat Engineering	0	1	3	2
416			Mechanics and Control Engineering	2	0	1	0
417			Intelligent Mechanics and Machine System	2	0	4	1
			Machine Engineering total	8	8	24	6
421			Electric Power Engineering and Electric Machinery	2	2	7	0
422			Electronic and Electric Materials Engineering	1	4	12	5
423			Electron Devices and Apparatus Engineering	2	1	7	5
424			Information and Communication Engineering	1	3	10	6

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322			Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	26	3	3	35
323			Solid-State Physics II (Magnetism, Metal Physics,	18	3	5	29
324			Physical Properties in General (inclu. Basic Theories)	18	1	2	23
325			Physics in General	14	2	4	19
			Physics total	100	13	21	145
331			Physics of Solid Earth	5	0	1	6
332			Meteorology, Oceanography and Hydrology	1	3	5	11
333			Aeronomy	3	0	2	7
334			Geology	3	2	1	7
335			Stratigraphy and Paleontology	1	1	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	4
337			Geochemistry	3	0	2	6
			Earth Science total	19	6	13	42
341			Physical Chemistry	23	3	7	36
342			Organic Chemistry	11	1	3	18
343			Inorganic Chemistry	10	0	7	19
344			Function, Properties and Materials in Chemistry	10	3	3	18
345			Substance Transformation	4	0	1	4
346			Separation, Refining and Identification	8	4	5	14
			Chemistry total	66	11	26	109
351			Genetics	3	0	0	6
352			Ecology	6	2	7	17
353			Plant Physiology	4	2	4	12
354			Morphology, Structure of Organism	5	2	2	10
355			Animal Physiology and	3	1	5	7
356			Morphology and Taxonomy	4	0	4	9
			Biology total	25	7	22	61
361			Physical Anthropology (inclu. Physiological Anthropology)	3	2	2	6
			SCIENCE Total	275	43	110	487
401			Applied Physics of Property and Crystallography	11	2	3	16
402			Surface Physics	9	4	2	11
403			Applied Optics and Quantum Optics	12	3	5	16
404			General Applied Physics	11	2	0	12
405			Fundamentals of Engineering	9	1	3	11
			Applied Physics·Fundamentals of Engineering total	52	12	13	66
411			Materials for Machines and Strength of Materials	32	5	5	46
412			Workshop Processes and Production Engineering	18	3	4	27
413			Design Engineering, Machine Elements and Tribology	19	5	7	28
414			Fluid Mechanics	25	12	6	38
415			Heat Engineering	18	6	8	30
416			Mechanics and Control Engineering	15	7	7	26
417			Intelligent Mechanics and Machine System	21	2	6	29
			Machine Engineering total	148	40	43	224
421			Electric Power Engineering and Electric Machinery	38	14	11	55
422			Electronic and Electric Materials Engineering	30	12	8	53
423			Electron Devices and Apparatus Engineering	34	10	11	48
424			Information and Communication Engineering	62	14	16	90

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425	E N G I N E E R I N G		System Engineering	2	3	2	2
427			Electronic Measurements	2	0	7	1
428			Control Engineering	1	1	6	0
			Electric and Electronic Engineering	11	14	51	19
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	0
432			Structural Engineering and Seismology	1	3	2	1
433			Ground Engineering	2	3	2	1
434			Hydraulics and River Engineering	2	2	2	0
435			Traffic Engineering and Regional Planning	1	1	1	1
436			Civil Environmental System	2	0	1	0
			Civil Engineering total	9	9	8	3
441		I	Building Structure and Materials	3	0	4	1
442			Building Science and Building Equipment	1	1	2	1
443			City Planning and Building Planning	5	5	4	1
444			Architectural History and Design	0	3	2	0
			Architecture total	9	9	12	3
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	0	5	1
453			Composed Materials and Properties	1	0	1	0
454			Structural and Functional Materials	0	1	1	0
455		R	Metallurgy and Material	0	2	2	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	3	3	9	1
461		G	Chemical Engineering in General	0	1	5	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	2	3	1	1
465			Industrial Analytical Chemistry	0	0	1	0
			Process Engineering total	2	4	8	1
471			Industrial Physical Chemistry	0	1	1	0
472			Industrial Inorganic Chemistry	1	0	1	0
473			Industrial Organic Chemistry	0	0	0	0
474			Synthetic Chemistry	1	1	1	1
475			Polymer Synthesis	2	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	1	0	2	0
			Industrial Chemistry total	5	2	5	2
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	0	0	2	0
484			Resource Development Engineering	1	0	1	0
			Synthetic Engineering total	1	0	4	0
			ENGINEERING Total	51	52	126	37
501	A G R I C U L T U R E		Plant Breeding	1	0	1	0
502			Crop Science	0	1	0	0
503			Horticulture and Landscape Architecture	3	0	0	0
504			Plant Protection	1	2	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	5	3	1	0
511			Plant Fertilizer and Manure and Soil Science	1	0	1	1
512			Applied Microbiochemistry and Applied Biochemistry	0	2	7	2
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0
514			Food Science and Nutritional Chemistry	1	2	0	1

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425	E		System Engineering	14	2	4	24
427			Electronic Measurements	34	7	8	43
428			Control Engineering	18	4	6	29
			Electric and Electronic Engineering	230	63	64	342
431			Construction Materials and Dynamics in General Civil Engineering	9	5	4	16
432			Structural Engineering and Seismology	22	3	6	28
433			Ground Engineering	9	1	3	19
434			Hydraulics and River Engineering	11	3	6	22
435			Traffic Engineering and Regional Planning	12	2	7	22
436			Civil Environmental System	4	1	5	11
			Civil Engineering total	67	15	31	118
441		N	Building Structure and Materials	22	4	9	34
442			Building Science and Building Equipment	17	5	4	25
443			City Planning and Building Planning	23	3	13	44
444			Architectural History and Design	3	0	3	9
			Architecture total	65	12	29	112
451		N	Physical Metallurgy	8	0	2	9
452			Inorganic Materials and	11	7	6	19
453			Composed Materials and Properties	7	2	1	9
454			Structural and Functional Materials	7	1	3	11
455		R	Metallurgy and Material	13	6	1	18
456			Metal Productive Engineering	4	0	2	5
			Material Engineering total	50	16	15	71
461		G	Chemical Engineering in General	6	4	1	12
462			Reaction and Separation Engineering	2	2	1	4
463			Catalyst and Chemical Process	3	2	0	5
464			Bioengineering	6	1	1	11
465			Industrial Analytical Chemistry	6	0	1	6
			Process Engineering total	23	9	4	38
471			Industrial Physical Chemistry	5	1	1	8
472			Industrial Inorganic Chemistry	3	0	0	5
473			Industrial Organic Chemistry	1	2	0	3
474			Synthetic Chemistry	5	2	2	11
475			Polymer Synthesis	5	0	1	7
476			Polymer Structure and Property (inclu. Fiber)	11	1	2	15
			Industrial Chemistry total	30	6	6	49
481			Aeronautics	4	2	2	5
482			Ship Engineering	2	0	0	2
483			Marine Engineering	2	2	1	5
484			Resource Development Engineering	2	1	0	5
			Synthetic Engineering total	10	5	3	17
		ENGINEERING Total		675	178	208	1,037
501	A G R I C U L T U R E		Plant Breeding	2	1	2	4
502			Crop Science	2	0	0	3
503			Horticulture and Landscape Architecture	4	0	1	8
504			Plant Protection	7	2	2	9
505			Sericultural Science and Economic Entomology	0	0	1	1
			Agriculture total	15	3	6	25
511			Plant Fertilizer and Manure and Soil Science	2	1	1	4
512			Applied Microbiochemistry and Applied Biochemistry	14	4	8	33
513			Biological Productive Chemistry and Bioorganic Chemistry	4	4	4	9
514			Food Science and Nutritional Chemistry	14	3	19	37

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	A		Agricultural Chemistry total	2	4	8	4
521			Forestry	1	1	0	1
522	G		Wood Science	0	0	0	0
			Forestry total	1	1	0	1
531	R		Fisheries in General	2	2	6	0
532			Fisheries Chemistry	0	0	1	0
			Fisheries total	2	2	7	0
541	I		Agricultural Economics	0	2	0	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	0	0	0	1
561	T		Animal Science and Grassland Science	0	1	0	1
562	U		Applied Animal Science	1	3	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	0	1	1
564			Applied Veterinary Medicine	2	1	3	1
	E		Animal Science·Veterinary Medicine total	5	5	4	3
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	1	0	1	0
			Interdisciplinary Agricultural Science total	1	0	1	0
			AGRICULTURE Total	16	17	21	12
601			Anatomy in General (inclu. Histology, Embryology)	1	1	5	2
602			Physiology in General	3	3	2	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	1	3	1
604			Pharmacology in General	4	2	4	0
605			Medical Chemistry in General	3	4	0	1
606			Pathological Medical Chemistry	1	5	3	0
	M		Physiology total	13	16	17	4
611			Hominal Pathology	5	2	2	0
612	E		Experimental Pathology	1	3	1	0
613	D		Parasitology (inclu. Medical Zoology)	1	2	1	1
614			Bacteriology (inclu. Eumycetes)	3	2	4	1
615	I		Virology	2	0	1	1
616			Immunology	3	6	5	1
	C		Pathology total	15	15	14	4
621			Hygiene	5	1	8	4
622	I		Public Health and Health Science	9	6	4	6
623			Legal Medicine	1	2	1	0
	N		Social Medicine total	15	9	13	10
631			Internal Medicine in General	4	8	1	1
632	E		Gastroenterology	1	2	2	1
633			Internal Medicine Respiratory System	2	4	1	1
634			Neurological Medicine	3	3	1	2
635			Cardioangiopathy	8	8	3	1
636			Pediatrics	11	5	3	1
637			Dermatology	5	1	2	0
638			Radiology	4	7	4	2
639			Neuropsychiatry	5	4	2	2
641			Hematology	2	4	4	1
642			Internal Medicine of Kidney	3	6	0	1
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	2	0	0
			Internal Medicine total	50	54	24	13
651			Surgery in General	9	3	3	0
652			Gastroenterological Surgery	4	3	3	0
653			Thoracic Surgery	3	0	0	0

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	A		Agricultural Chemistry total	34	12	32	83
521			Forestry	3	1	3	5
522	G		Wood Science	1	0	0	1
			Forestry total	4	1	3	6
531	R		Fisheries in General	13	2	7	24
532			Fisheries Chemistry	3	0	2	4
			Fisheries total	16	2	9	28
541	I		Agricultural Economics	5	0	1	8
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	2	3	4
552	U		Agricultural Machinery	5	0	1	5
553	L		Biological Environment	0	1	0	1
			Agricultural Engineering total	5	3	4	10
561	T		Animal Science and Grassland Science	1	0	0	3
562	U		Applied Animal Science	3	1	1	8
563	R		Basic Veterinary Medicine and Basic Animal Science	7	1	2	13
564			Applied Veterinary Medicine	6	0	1	12
	E		Animal Science·Veterinary Medicine total	17	2	4	36
571			Biological Resource Science	2	0	1	3
572			Applied Molecular Cell Biology	3	1	1	5
			Interdisciplinary Agricultural Science total	5	1	2	8
			AGRICULTURE Total	101	24	61	204
601			Anatomy in General (inclu. Histology, Embryology)	16	3	10	31
602			Physiology in General	12	4	16	32
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	12	2	8	22
604			Pharmacology in General	10	6	16	36
605			Medical Chemistry in General	9	2	5	20
606			Pathological Medical Chemistry	6	1	2	15
			Physiology total	65	18	57	156
611	M		Hominal Pathology	7	2	24	33
612	E		Experimental Pathology	5	1	6	15
613	D		Parasitology (inclu.Medical Zoology)	4	0	2	10
614			Bacteriology (inclu. Eumycetes)	14	4	8	30
615	I		Virology	4	3	1	9
616			Immunology	9	2	8	23
			Pathology total	43	12	49	120
621	C		Hygiene	14	3	15	36
622	I		Public Health and Health Science	21	4	24	50
623			Legal Medicine	7	1	10	20
			Social Medicine total	42	8	49	106
631	N		Internal Medicine in General	13	5	14	38
632	E		Gastroenterology	10	5	28	41
633			Internal Medicine Respiratory System	10	2	16	26
634			Neurological Medicine	8	1	12	22
635			Cardioangiolog	16	7	31	57
636			Pediatrics	8	3	24	42
637			Dermatology	4	3	5	16
638			Radiology	23	5	16	48
639			Neuropsychiatry	9	4	16	35
641			Hematology	11	4	11	27
642			Internal Medicine of Kidney	6	1	14	27
643			Embryology and Newborn	0	0	2	2
644			Endocrinology	1	1	5	8
645			Metabolic Science	3	2	10	16
			Internal Medicine total	122	43	204	405
651			Surgery in General	9	1	27	40
652			Gastroenterological Surgery	15	3	15	38
653			Thoracic Surgery	10	0	12	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	6	4	2	0	
655			Orthopedic Surgery	3	7	3	1	
656			Anesthesiology and Rescue Medicine	0	0	4	0	
657			Urology	5	2	0	0	
658			Obstetrics and Gynecology	2	3	1	0	
659			Oto-rhino-laryngology	4	5	1	0	
660			Ophthalmology	0	2	0	1	
661			Pediatric Surgery	0	0	0	0	
662			Formative Surgery	2	1	1	1	
			Surgery total	38	30	18	3	
671	E		Oral Anatomy and Morphological Basic Dentistry	3	2	5	1	
672	D		Functional Basic Dentistry	0	0	5	0	
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	3	0	
674	C		Conservative Dentistry	2	5	3	0	
675			Prosthodontics and Dental Technology	4	7	9	1	
676	I		Oral Surgery	1	5	7	1	
677	N		Orthodontics, Pedodontics and Social Dentistry	4	4	6	1	
678			Periodontological Dentistry	0	3	1	0	
	E		Dentistry total	15	27	39	4	
681			Chemical Pharmaceuticals	6	3	6	1	
682			Physical Pharmaceuticals	7	6	2	2	
683			Biopharmaceutics	9	7	2	2	
684			Molecular Pharmaceuticals	3	2	2	2	
685			Environmental Pharmaceuticals	2	1	0	0	
			Pharmaceutics total	27	19	12	7	
691			Medical Sociology	2	1	3	0	
692			Human Genetics	3	0	4	1	
693			Applied Pharmacology and Medical Pharmacology	0	0	2	1	
694			Pathological Examination	3	0	2	0	
696			Science of Basic and Local Nursing	1	0	2	1	
697			Science of Clinical Nursing	0	0	7	0	
			Medicine in General total	9	1	20	3	
	MEDICINE Total			182	171	157	48	
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	1	1	
703			Physical Education	7	6	5	1	
704			Human Geography	2	5	0	0	
705			Physical Geography	0	3	1	1	
			Geography total	2	8	1	1	
706			Home Science(inclu. Cloth/Living Environments)	5	4	2	0	
707			Food Culture	2	4	1	0	
			Domestic Science total	7	8	3	0	
708			Science of Cultural Property	1	1	0	0	
711			Science Education	0	1	2	0	
712			Educational Engineering	1	1	3	0	
713			Curriculum Studies	2	3	4	0	
714			Japanese Language Education	2	2	2	2	
			Science Education·Curriculum Education total	5	7	11	2	
721	A R E A		Statistics	3	2	3	0	
731			Computer Science	3	4	13	5	
732			Intelligent Informatics	1	3	18	3	
733			Study of Information System (Inclu. Library and Information Science)	1	3	8	3	
			Information Science total	5	10	39	11	
741			Social System Engineering	7	2	12	3	
751			Natural Disaster Science	0	1	0	1	
761			Plasma Science and Technology	0	0	1	0	
772				Nuclear Fusion	0	0	1	

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	9	3	20	32
655			Orthopedic Surgery	20	7	29	56
656			Anesthesiology and Rescue Medicine	12	1	15	29
657			Urology	12	5	17	30
658			Obstetrics and Gynecology	4	4	23	32
659			Oto-rhino-laryngology	8	1	13	26
660			Ophthalmology	5	2	16	24
661			Pediatric Surgery	2	0	4	6
662			Formative Surgery	7	1	10	17
			Surgery total	113	28	201	353
671	E		Oral Anatomy and Morphological Basic Dentistry	22	3	9	36
672	D		Functional Basic Dentistry	21	1	5	29
673	I		Morbid Dentistry (inclu. Dental Radiology)	16	3	8	29
674	C		Conservative Dentistry	29	1	15	48
675			Prosthodontics and Dental Technology	51	1	27	81
676	I		Oral Surgery	26	4	15	52
677	N		Orthodontics, Pedodontics and Social Dentistry	36	1	22	62
678			Periodontological Dentistry	9	1	4	16
	E		Dentistry total	210	15	105	353
681			Chemical Pharmaceuticals	34	5	7	56
682			Physical Pharmaceuticals	19	7	8	33
683			Biopharmaceutics	47	6	13	70
684			Molecular Pharmaceutics	12	2	7	24
685			Environmental Pharmaceutics	9	0	3	13
			Pharmaceutics total	121	20	38	196
691			Medical Sociology	7	2	4	16
692			Human Genetics	5	3	7	20
693			Applied Pharmacology and Medical Pharmacology	9	5	8	21
694			Pathological Examination	6	1	4	11
696			Science of Basic and Local Nursing	7	0	3	12
697			Science of Clinical Nursing	6	0	5	16
			Medicine in General total	40	11	31	96
	MEDICINE Total			756	155	734	1,785
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	8
703			Physical Education	32	4	31	76
704			Human Geography	6	0	6	17
705			Physical Geography	3	0	4	10
			Geography total	9	0	10	27
706			Home Science(inclu. Cloth/Living Environments)	8	4	10	31
707			Food Culture	14	2	12	30
			Domestic Science total	22	6	22	61
708			Science of Cultural Property	0	0	0	2
711			Science Education	4	1	6	12
712			Educational Engineering	16	3	9	25
713			Curriculum Studies	13	0	20	34
714			Japanese Language Education	6	3	7	17
			Science Education·Curriculum Education total	39	7	42	88
721	A R E A		Statistics	12	0	5	18
731			Computer Science	45	8	16	68
732			Intelligent Informatics	48	14	18	81
733			Study of Information System (Inclu. Library and Information Science)	34	8	23	60
			Information Science total	127	30	57	209
741	I		Social System Engineering	36	7	15	58
751			Natural Disaster Science	2	1	2	4
761			Plasma Science and Technology	7	2	1	9
772			Nuclear Fusion	2	0	3	5

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	Nuclear Energy Research Division Science Category		Energy Science General	2	0	1	2
774			Nuclear Power Science	0	1	1	0
			Energy total	2	1	3	2
801			Environmental Dynamic Analysis	5	2	1	2
802			Environmental Influence Assessment (inclu. Radiobiology)	1	1	1	0
803			Environmental Preservation	5	3	0	4
			Environmental Science total	11	6	2	6
811			Biological Organic Chemistry	0	0	2	0
812			Structured Biochemistry	1	2	1	0
813			Functional Biochemistry	1	4	5	0
			Biological Chemistry total	2	6	8	0
821			Biophysics	1	0	3	0
822			Molecular Biology	4	3	4	1
823			Cell Biology	2	3	6	2
824			Developmental Biology	0	0	3	0
			Basic Biology total	7	6	16	3
831	Area		Neuroanatomy and Neuropathology	2	0	2	1
832			Neurochemistry and Neuropharmacology	3	0	4	2
833			Neuro Science in General	7	2	10	2
834			Neuro and Muscular Physiology	4	5	4	2
			Neuro Science (inclu. Brain Science) total	16	7	20	7
841			Laboratory Animal Science	0	0	1	0
851			Medical Organism Engineering and Material Science of Organism	4	6	11	4
	INTERDISCIPLINARY AREA Total			80	77	137	42
999	WIDE AREA Total			17	12	13	3
	Item n.a. Total			257	273	320	79
	Grand Total			957	912	1,036	293

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 T E R D I S C I P L I N A R Y A R E A		Energy Science General	3	4	2	8
774			Nuclear Power Science	3	1	1	6
			Energy total	8	5	6	19
801			Environmental Dynamic Analysis	13	4	4	20
802			Environmental Influence Assessment (inclu. Radiobiology)	3	2	2	9
803			Environmental Preservation	20	8	6	31
			Environmental Science total	36	14	12	60
811			Biological Organic Chemistry	6	1	2	10
812			Structured Biochemistry	7	3	3	12
813			Functional Biochemistry	13	0	10	28
			Biological Chemistry total	26	4	15	50
821	N A R Y A R E A		Biophysics	6	1	3	11
822			Molecular Biology	19	4	7	31
823			Cell Biology	8	2	4	22
824			Developmental Biology	2	2	0	6
			Basic Biology total	35	9	14	70
831			Neuroanatomy and Neuropathology	4	2	4	11
832			Neurochemistry and Neuropharmacology	9	1	3	19
833			Neuro Science in General	11	7	10	29
834			Neuro and Muscular Physiology	11	3	9	28
			Neuro Science (inclu. Brain Science) total	35	13	26	87
841			Laboratory Animal Science	2	0	2	4
851			Medical Organism Engineering and Material Science of Organism	30	4	14	58
	INTERDISCIPLINARY AREA Total			462	107	275	908
999	WIDE AREA Total			44	12	33	108
	Item n.a. Total			1,291	271	876	2,718
	Grand Total			4,202	882	2,682	8,666

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	19	15	11	0
212			Chinese Philosophy	6	8	3	1
213			Indian Philosophy (inclu. Buddhist Studies)	15	27	6	1
214			Religion	20	12	5	3
215			Ethics	13	5	2	2
216			History of Philosophy	5	6	3	0
217			Aesthetics (inclu. Arts)	38	73	13	9
218			Art History	3	4	2	0
		Philosophy total		119	150	45	16
221			Experimental Psychology	6	4	76	4
222			Educational and Social	34	16	72	5
223			Sociology	99	110	50	8
224			Education	44	30	33	14
225			Cultural Anthropology (inclu. Ethnology and Folklore)	28	13	19	11
		Psychology • Sociology • Education Cultural Anthropology total		211	173	250	42
231			Japanese History	9	3	7	1
232			Oriental History	28	22	15	1
233			European History	5	13	5	1
234			Archaeology (inclu. Prehistory)	4	9	12	0
		History total		46	47	39	3
241			Japanese Language	10	14	5	10
242			Japanese Literature	24	33	6	5
243			Chinese Language and Literature	45	16	14	2
244			English Language and Literature	31	29	35	3
245			French Language and Literature	7	6	10	3
246			German Language and Literature	5	10	3	1
247			Other Foreign Languages and Literatures	25	19	14	0
248			Linguistics and Phonetics	26	57	41	25
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	8	3	1
		Literature total		179	192	131	50
	ARTS • HUMANITIES Total		555	562	465	111	
261	LAW		Basic Science of Law	13	11	8	0
262			Public Law	7	3	5	2
263			International Law	9	17	5	5
264			Civil Law	20	10	3	4
265			Social Law	3	0	4	1
266			Criminal Law	7	3	3	0
267			Politics	43	39	13	1
	LAW Total		102	83	41	13	
271	ECONOMICS		General Theory of Economics	18	9	42	7
272			Economical Statistics	2	0	16	2
273			Economic Policy (inclu. Economic Condition)	43	40	26	27
274			Economic History	3	6	11	0
275			Public Finance, Money and Banking	15	4	11	4
276			Commercial Science	5	3	7	0
277			Business Administration	74	27	26	5
278			Accounting	6	6	9	0
	ECONOMICS Total		166	95	148	45	
301	SCIENCE		Algebra	20	19	64	0
302			Geometry	27	9	82	14
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	25	24	143	7
305			Basic Analysis	14	37	100	1
306			Larger-area Analysis	12	13	42	2
		Mathematics total		98	102	431	24
311		Astronomy		29	14	44	3
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	44	18	180	25

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	21	4	16	86
212			Chinese Philosophy	10	1	10	39
213			Indian Philosophy (inclu. Buddhist Studies)	19	2	11	81
214			Religion	26	2	9	77
215			Ethics	7	0	9	38
216			History of Philosophy	12	2	8	36
217			Aesthetics (inclu. Arts)	26	13	72	244
218			Art History	3	5	3	20
			Philosophy total	124	29	138	621
221			Experimental Psychology	53	10	73	226
222			Educational and Social	105	22	128	382
223			Sociology	137	18	63	484
224			Education	60	17	94	292
225			Cultural Anthropology (inclu. Ethnology and Folklore)	29	9	23	132
		Psychology・Sociology・Education Cultural Anthropology total		384	76	381	1,516
231			Japanese History	9	5	15	49
232			Oriental History	15	2	24	107
233			European History	8	4	18	54
234			Archaeology (inclu. Prehistory)	6	0	12	41
		History total		38	11	69	251
241			Japanese Language	7	1	14	61
242			Japanese Literature	18	5	20	111
243			Chinese Language and Literature	26	3	40	146
244			English Language and Literature	128	18	59	302
245			French Language and Literature	16	1	9	52
246			German Language and Literature	11	3	2	35
247			Other Foreign Languages and Literatures	37	2	30	127
248			Linguistics and Phonetics	96	16	77	338
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	12	0	10	40
		Literature total		351	49	261	1,212
	ARTS・HUMANITIES Total			897	165	849	3,600
261	LAW	Basic Science of Law	12	0	3	47	
262		Public Law	2	0	2	21	
263		International Law	13	5	10	63	
264		Civil Law	19	5	9	70	
265		Social Law	0	2	2	12	
266		Criminal Law	2	0	6	21	
267		Politics	41	28	23	188	
	LAW Total		89	40	55	422	
271	ECONOMICS	General Theory of Economics	54	19	40	189	
272		Economical Statistics	9	6	5	40	
273		Economic Policy (inclu. Economic Condition)	40	13	35	224	
274		Economic History	11	2	2	35	
275		Public Finance, Money and Banking	13	4	3	54	
276		Commercial Science	8	7	9	39	
277		Business Administration	72	18	63	285	
278		Accounting	42	3	12	78	
	ECONOMICS Total		249	72	169	944	
301	SCIENCE	Algebra	22	3	25	153	
302		Geometry	5	2	19	158	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	47	15	53	314	
305		Basic Analysis	30	7	30	219	
306		Larger-area Analysis	21	4	10	104	
		Mathematics total		125	31	137	948
311		Astronomy		25	11	27	153
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Phvsics	75	28	69	439	

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)	17	23	75	7
323			Solid-State Physics II (Magnetism, Metal Physics,	20	26	132	16
324			Physical Properties in General (inclu. Basic Theories)	29	12	50	7
325			Physics in General	6	14	49	5
			Physics total	116	93	486	60
331			Physics of Solid Earth	1	5	57	0
332			Meteorology, Oceanography and Hydrology	19	11	46	16
333			Aeronomy	3	9	22	4
334			Geology	5	8	32	4
335			Stratigraphy and Paleontology	1	2	8	0
336			Mineralogy, Petrology and Study of Mineral Deposit	3	13	35	1
337			Geochemistry	4	2	24	5
			Earth Science total	36	50	224	30
341			Physical Chemistry	20	9	78	13
342			Organic Chemistry	14	4	98	7
343			Inorganic Chemistry	10	29	61	3
344			Function, Properties and Materials in Chemistry	17	14	45	16
345			Substance Transformation	0	3	17	2
346			Separation, Refining and Identification	5	0	15	2
			Chemistry total	66	59	314	43
351			Genetics	6	8	24	3
352			Ecology	17	21	96	2
353			Plant Physiology	7	15	23	13
354			Morphology, Structure of Organism	2	3	22	1
355			Animal Physiology and	13	4	41	4
356			Morphology and Taxonomy	2	3	19	2
			Biology total	47	54	225	25
361			Physical Anthropology (inclu. Physiological Anthropology)	8	2	27	0
	SCIENCE Total			400	374	1,751	185
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	26	20	39	10
402			Surface Physics	8	0	31	6
403			Applied Optics and Quantum Optics	5	4	84	19
404			General Applied Physics	2	3	24	1
405			Fundamentals of Engineering	1	2	21	1
			Applied Physics·Fundamentals of Engineering total	42	29	199	37
411			Materials for Machines and Strength of Materials	10	10	48	6
412			Workshop Processes and Production Engineering	70	6	33	8
413			Design Engineering, Machine Elements and Tribology	0	7	26	0
414			Fluid Mechanics	3	7	50	4
415			Heat Engineering	5	8	55	8
416			Mechanics and Control Engineering	5	5	51	1
417			Intelligent Mechanics and Machine System	13	6	99	15
			Machine Engineering total	106	49	362	42
421			Electric Power Engineering and Electric Machinery	9	4	103	3
422			Electronic and Electric Materials Engineering	7	50	106	48
423			Electron Devices and Apparatus Engineering	12	53	96	14
424			Information and Communication Engineering	23	17	130	42

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)	124	61	90	397
323			Solid-State Physics II (Magnetism, Metal Physics,	59	48	87	388
324			Physical Properties in General (inclu. Basic Theories)	55	25	36	214
325			Physics in General	41	17	34	166
			Physics total	354	179	316	1,604
331			Physics of Solid Earth	33	19	25	140
332			Meteorology, Oceanography and Hydrology	71	65	46	274
333			Aeronomy	8	8	3	57
334			Geology	12	9	53	122
335			Stratigraphy and Paleontology	3	5	25	44
336			Mineralogy, Petrology and Study of Mineral Deposit	11	12	19	94
337			Geochemistry	7	5	15	62
			Earth Science total	145	123	186	793
341			Physical Chemistry	95	43	89	346
342			Organic Chemistry	34	29	45	231
343			Inorganic Chemistry	35	37	39	214
344			Function, Properties and Materials in Chemistry	54	98	31	275
345			Substance Transformation	16	10	11	59
346			Separation, Refining and Identification	27	22	20	91
			Chemistry total	261	239	235	1,216
351			Genetics	10	6	23	80
352			Ecology	21	17	58	232
353			Plant Physiology	25	10	21	114
354			Morphology, Structure of Organism	18	19	12	77
355			Animal Physiology and	11	21	19	113
356			Morphology and Taxonomy	9	6	24	65
			Biology total	94	79	157	681
361			Physical Anthropology (inclu. Physiological Anthropology)	15	8	13	73
	SCIENCE Total			1,019	670	1,071	5,468
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	49	49	24	217
402			Surface Physics	33	26	9	113
403			Applied Optics and Quantum Optics	41	62	35	245
404			General Applied Physics	100	40	5	175
405			Fundamentals of Engineering	17	13	29	84
			Applied Physics·Fundamentals of Engineering total	240	190	102	834
411			Materials for Machines and Strength of Materials	82	138	100	394
412			Workshop Processes and Production Engineering	60	48	32	257
413			Design Engineering, Machine Elements and Tribology	31	52	26	142
414			Fluid Mechanics	60	124	50	296
415			Heat Engineering	51	98	39	263
416			Mechanics and Control Engineering	91	91	70	314
417			Intelligent Mechanics and Machine System	133	99	71	436
			Machine Engineering total	508	650	388	2,102
421			Electric Power Engineering and Electric Machinery	131	152	89	491
422			Electronic and Electric Materials Engineering	151	156	51	569
423			Electron Devices and Apparatus Engineering	181	103	66	524
424			Information and Communication Engineering	248	234	79	768

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	2	11	28	5
427			Electronic Measurements	8	2	41	12
428			Control Engineering	3	7	75	0
			Electric and Electronic Engineering	64	144	579	124
431			Construction Materials and Dynamics in General Civil Engineering	7	3	15	0
432			Structural Engineering and Seismology	3	12	20	7
433			Ground Engineering	10	9	28	7
434			Hydraulics and River Engineering	6	13	47	3
435			Traffic Engineering and Regional Planning	9	4	16	3
436			Civil Environmental System	9	3	14	4
			Civil Engineering total	44	44	140	24
441		N	Building Structure and Materials	8	3	35	1
442			Building Science and Building Equipment	8	11	23	4
443		G	City Planning and Building Planning	24	29	43	2
444		I	Architectural History and Design	4	5	12	0
			Architecture total	44	48	113	7
451		N	Physical Metallurgy	5	4	30	8
452			Inorganic Materials and	4	9	78	2
453		E	Composed Materials and Properties	3	0	9	0
454		E	Structural and Functional Materials	4	11	60	3
455		R	Metallurgy and Material	9	6	28	5
456			Metal Productive Engineering	2	1	7	2
			Material Engineering total	27	31	212	20
461		N	Chemical Engineering in General	4	7	33	4
462			Reaction and Separation Engineering	1	0	13	3
463			Catalyst and Chemical Process	4	3	17	5
464			Bioengineering	16	31	42	16
465			Industrial Analytical Chemistry	7	1	21	1
			Process Engineering total	32	42	126	29
471			Industrial Physical Chemistry	6	5	18	4
472			Industrial Inorganic Chemistry	2	1	32	15
473			Industrial Organic Chemistry	7	1	18	7
474			Synthetic Chemistry	3	7	46	10
475			Polymer Synthesis	2	8	41	2
476			Polymer Structure and Property (inclu. Fiber)	10	1	46	0
			Industrial Chemistry total	30	23	201	38
481			Aeronautics	1	12	44	5
482			Ship Engineering	0	0	17	2
483			Marine Engineering	4	2	15	1
484			Resource Development Engineering	1	3	27	36
			Synthetic Engineering total	6	17	103	44
	ENGINEERING Total			395	427	2,035	365
501	A G R I C U L T U R E		Plant Breeding	7	3	11	3
502			Crop Science	1	1	7	1
503			Horticulture and Landscape Architecture	13	8	13	0
504			Plant Protection	5	3	20	5
505			Sericultural Science and Economic Entomology	2	0	8	3
			Agriculture total	28	15	59	12
511			Plant Fertilizer and Manure and Soil Science	5	3	25	3
512			Applied Microbiochemistry and Applied Biochemistry	18	10	59	16
513			Biological Productive Chemistry and Bioorganic Chemistry	7	7	16	3
514			Food Science and Nutritional Chemistry	14	23	11	4

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	35	13	25	119
427			Electronic Measurements	73	93	49	278
428			Control Engineering	38	65	46	234
			Electric and Electronic Engineering	857	816	405	2,983
431			Construction Materials and Dynamics in General Civil Engineering	22	36	9	92
432			Structural Engineering and Seismology	78	88	36	241
433			Ground Engineering	49	85	30	218
434			Hydraulics and River Engineering	34	98	27	228
435			Traffic Engineering and Regional Planning	44	35	22	133
436			Civil Environmental System	21	40	37	128
			Civil Engineering total	248	382	161	1,040
441		N	Building Structure and Materials	56	54	37	194
442			Building Science and Building Equipment	77	44	26	193
443			City Planning and Building Planning	40	14	55	206
444			Architectural History and Design	4	4	9	38
			Architecture total	177	116	127	631
451		N	Physical Metallurgy	28	28	17	120
452			Inorganic Materials and	50	82	30	255
453			Composed Materials and Properties	19	8	6	45
454			Structural and Functional Materials	29	73	15	195
455		R	Metallurgy and Material	44	194	14	300
456			Metal Productive Engineering	21	20	20	73
			Material Engineering total	191	405	102	988
461		G	Chemical Engineering in General	23	50	7	128
462			Reaction and Separation Engineering	14	58	9	98
463			Catalyst and Chemical Process	7	66	9	111
464			Bioengineering	36	68	18	227
465			Industrial Analytical Chemistry	13	20	12	75
			Process Engineering total	93	262	55	639
471			Industrial Physical Chemistry	23	44	18	118
472			Industrial Inorganic Chemistry	14	12	13	89
473			Industrial Organic Chemistry	14	21	4	72
474			Synthetic Chemistry	37	42	30	172
475			Polymer Synthesis	23	41	24	136
476			Polymer Structure and Property (inclu. Fiber)	43	35	7	142
			Industrial Chemistry total	154	195	96	729
481			Aeronautics	17	28	21	128
482			Ship Engineering	7	36	17	79
483			Marine Engineering	68	9	3	102
484			Resource Development Engineering	18	25	8	118
			Synthetic Engineering total	110	98	49	427
	ENGINEERING Total			2,578	3,114	1,485	10,373
501	A G R I C U L T U R E		Plant Breeding	4	6	27	61
502			Crop Science	4	9	9	32
503			Horticulture and Landscape Architecture	18	24	36	112
504			Plant Protection	22	17	25	97
505			Sericultural Science and Economic Entomology	0	5	2	20
			Agriculture total	48	61	99	322
511			Plant Fertilizer and Manure and Soil Science	5	11	12	64
512			Applied Microbiochemistry and Applied Biochemistry	42	57	35	237
513			Biological Productive Chemistry and Bioorganic Chemistry	11	28	23	95
514			Food Science and Nutritional Chemistry	54	77	51	234

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	44	43	111	26
521			Forestry	4	6	15	2
522	G		Wood Science	14	16	48	1
			Forestry total	18	22	63	3
531	R		Fisheries in General	26	37	74	8
532			Fisheries Chemistry	2	6	13	2
			Fisheries total	28	43	87	10
541	I		Agricultural Economics	25	7	12	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	15	2	21	3
552	U		Agricultural Machinery	1	3	15	0
553	L		Biological Environment	0	0	1	3
			Agricultural Engineering total	16	5	37	6
561	T		Animal Science and Grassland Science	3	12	4	3
562	U		Applied Animal Science	4	5	9	0
563	R		Basic Veterinary Medicine and Basic Animal Science	7	4	40	1
564			Applied Veterinary Medicine	11	5	13	3
	E		Animal Science·Veterinary Medicine total	25	26	66	7
571			Biological Resource Science	1	3	15	3
572			Applied Molecular Cell Biology	6	0	19	0
			Interdisciplinary Agricultural Science total	7	3	34	3
			AGRICULTURE Total	191	164	469	74
601			Anatomy in General (inclu. Histology, Embryology)	10	10	34	3
602			Physiology in General	12	17	52	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	4	1	17	3
604			Pharmacology in General	20	19	23	6
605			Medical Chemistry in General	17	28	34	2
606			Pathological Medical Chemistry	30	15	30	6
	M		Physiology total	93	90	190	22
611			Hominal Pathology	15	12	15	7
612	E		Experimental Pathology	6	15	26	0
613	D		Parasitology (inclu. Medical Zoology)	4	3	14	3
614			Bacteriology (inclu. Eumycetes)	12	21	18	3
615	I		Virology	9	19	31	5
616			Immunology	18	27	39	7
	C		Pathology total	64	97	143	25
621			Hygiene	11	3	17	11
622	I		Public Health and Health Science	27	24	49	17
623			Legal Medicine	2	13	6	2
	N		Social Medicine total	40	40	72	30
631			Internal Medicine in General	13	23	19	6
632	E		Gastroenterology	10	17	35	6
633			Internal Medicine Respiratory System	7	8	4	1
634			Neurological Medicine	15	20	12	6
635			Cardioangiopathy	52	42	63	12
636			Pediatrics	29	17	33	5
637			Dermatology	23	8	15	0
638			Radiology	17	14	41	6
639			Neuropsychiatry	18	21	19	5
641			Hematology	20	16	31	3
642			Internal Medicine of Kidney	11	31	5	2
643			Embryology and Newborn	1	0	1	0
644			Endocrinology	12	3	6	0
645			Metabolic Science	13	4	2	0
			Internal Medicine total	241	224	286	52
651			Surgery in General	33	13	13	1
652			Gastroenterological Surgery	22	10	5	0
653			Thoracic Surgery	5	2	4	4

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 ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	112	173	121	630
521			Forestry	13	17	34	91
522	G		Wood Science	19	68	32	198
			Forestry total	32	85	66	289
531	R		Fisheries in General	31	25	36	237
532			Fisheries Chemistry	6	13	10	52
			Fisheries total	37	38	46	289
541	I		Agricultural Economics	6	0	6	63
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	20	49	122
552	U		Agricultural Machinery	11	10	7	47
553	L		Biological Environment	5	11	3	23
			Agricultural Engineering total	28	41	59	192
561	T		Animal Science and Grassland Science	6	11	5	44
562	U		Applied Animal Science	17	17	20	72
563	R		Basic Veterinary Medicine and Basic Animal Science	23	10	19	104
564			Applied Veterinary Medicine	14	22	25	93
	E		Animal Science·Veterinary Medicine total	60	60	69	313
571			Biological Resource Science	14	13	9	58
572			Applied Molecular Cell Biology	14	8	5	52
			Interdisciplinary Agricultural Science total	28	21	14	110
			AGRICULTURE Total	351	479	480	2,208
601			Anatomy in General (inclu. Histology, Embryology)	45	20	54	176
602			Physiology in General	53	29	73	238
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	22	13	59	119
604			Pharmacology in General	55	22	95	240
605			Medical Chemistry in General	32	31	40	184
606			Pathological Medical Chemistry	24	6	19	130
	M		Physiology total	231	121	340	1,087
611			Hominal Pathology	30	29	68	176
612	E		Experimental Pathology	21	13	40	121
613	D		Parasitology (inclu.Medical Zoology)	18	0	11	53
614			Bacteriology (inclu. Eumycetes)	41	12	27	134
615	I		Virology	22	18	8	112
616			Immunology	20	18	59	188
	C		Pathology total	152	90	213	784
621			Hygiene	23	18	68	151
622	I		Public Health and Health Science	49	39	125	330
623			Legal Medicine	12	11	32	78
	N		Social Medicine total	84	68	225	559
631			Internal Medicine in General	35	28	107	228
632	E		Gastroenterology	32	33	145	278
633			Internal Medicine Respiratory System	53	17	78	168
634			Neurological Medicine	38	20	92	197
635			Cardioangiology	132	53	240	594
636			Pediatrics	34	10	102	230
637			Dermatology	24	25	30	125
638			Radiology	77	72	57	284
639			Neuropsychiatry	37	8	59	167
641			Hematology	63	17	41	190
642			Internal Medicine of Kidney	30	9	58	146
643			Embryology and Newborn	2	0	10	14
644			Endocrinology	10	14	24	69
645			Metabolic Science	5	40	55	119
			Internal Medicine total	572	346	1,098	2,809
651			Surgery in General	34	14	99	207
652			Gastroenterological Surgery	51	33	95	216
653			Thoracic Surgery	17	8	44	84

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	21	24	12	1	
655			Orthopedic Surgery	26	20	16	4	
656			Anesthesiology and Rescue Medicine	3	14	38	1	
657			Urology	14	12	23	0	
658			Obstetrics and Gynecology	17	17	8	0	
659			Oto-rhino-laryngology	13	8	13	0	
660			Ophthalmology	8	8	11	6	
661			Pediatric Surgery	3	4	17	1	
662			Formative Surgery	7	1	2	2	
			Surgery total	172	133	162	20	
671		E		Oral Anatomy and Morphological Basic Dentistry	7	4	54	1
672		D		Functional Basic Dentistry	1	6	28	1
673		I		Morbid Dentistry (inclu. Dental Radiology)	6	1	17	0
674		C		Conservative Dentistry	6	8	26	2
675				Prosthodontics and Dental Technology	14	21	48	6
676		I		Oral Surgery	11	9	27	2
677		N		Orthodontics, Pedodontics and Social Dentistry	8	17	28	1
678				Periodontological Dentistry	1	7	31	1
		E		Dentistry total	54	73	259	14
681				Chemical Pharmaceutics	13	11	31	1
682	Physical Pharmaceutics			16	25	15	3	
683	Biopharmaceutics			30	20	20	2	
684	Molecular Pharmaceutics			5	5	12	9	
685	Environmental Pharmaceutics			2	2	5	0	
	Pharmaceutics total		66	63	83	15		
691				Medical Sociology	7	3	17	1
692				Human Genetics	7	0	11	10
693				Applied Pharmacology and Medical Pharmacology	0	3	3	2
694				Pathological Examination	9	0	22	0
696		Science of Basic and Local Nursing		4	3	17	6	
697		Science of Clinical Nursing		3	9	22	1	
		Medicine in General total	30	18	92	20		
	MEDICINE Total			760	738	1,287	198	
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	3	3	11	2	
703			Physical Education	20	14	58	2	
704				Human Geography	6	11	8	0
705				Physical Geography	1	6	16	1
			Geography total	7	17	24	1	
706				Home Science(inclu. Cloth/Living Environments)	9	4	11	0
707				Food Culture	6	9	7	0
			Domestic Science total	15	13	18	0	
708			Science of Cultural Property	3	2	5	2	
711				Science Education	1	5	18	6
712				Educational Engineering	7	7	52	5
713				Curriculum Studies	10	14	19	5
714				Japanese Language Education	6	10	8	3
			Science Education·Curriculum Education total	24	36	97	19	
721				Statistics	14	5	21	4
731				Computer Science	31	23	196	28
732				Intelligent Informatics	8	16	200	25
733	I		Study of Information System (Inclu. Library and Information Science)	4	16	84	9	
			Information Science total	43	55	480	62	
741		Social System Engineering	22	12	68	15		
751		Natural Disaster Science	8	5	12	9		
761		Plasma Science and Technology	7	6	65	10		
772			Nuclear Fusion	0	0	20	4	

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 ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
654	M		Neurosurgery	44	44	89	235	
655			Orthopedic Surgery	60	44	187	357	
656			Anesthesiology and Rescue Medicine	47	24	106	233	
657			Urology	59	38	104	250	
658			Obstetrics and Gynecology	30	26	90	188	
659			Oto-rhino-laryngology	18	10	50	112	
660			Ophthalmology	18	19	79	149	
661			Pediatric Surgery	6	8	33	72	
662			Formative Surgery	14	1	24	51	
				Surgery total	398	269	1,000	2,154
671	E		Oral Anatomy and Morphological Basic Dentistry	85	12	43	206	
672	D		Functional Basic Dentistry	44	12	17	109	
673	I		Morbid Dentistry (inclu. Dental Radiology)	50	10	22	106	
674	C		Conservative Dentistry	59	17	42	160	
675			Prosthodontics and Dental Technology	140	31	90	350	
676	I		Oral Surgery	81	29	100	259	
677	N		Orthodontics, Pedodontics and Social Dentistry	76	31	82	243	
678			Periodontological Dentistry	13	10	7	70	
	E		Dentistry total	548	152	403	1,503	
681				Chemical Pharmaceutics	82	23	12	173
682		Physical Pharmaceutics		73	28	18	178	
683		Biopharmaceutics		157	27	27	283	
684		Molecular Pharmaceutics		31	17	17	96	
685		Environmental Pharmaceutics		27	3	6	45	
			Pharmaceutics total	370	98	80	775	
691				Medical Sociology	20	13	12	73
692				Human Genetics	27	19	23	97
693				Applied Pharmacology and Medical Pharmacology	31	23	35	97
694				Pathological Examination	15	12	23	81
696	Science of Basic and Local Nursing			17	4	31	82	
697	Science of Clinical Nursing			30	4	65	134	
		Medicine in General total	140	75	189	564		
	MEDICINE Total			2,495	1,219	3,548	10,235	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	8	2	4	33	
703			Physical Education	56	34	154	338	
704				Human Geography	8	0	18	51
705				Physical Geography	5	5	26	60
				Geography total	13	5	44	111
706				Home Science(inclu. Cloth/Living Environments)	18	4	41	87
707				Food Culture	24	3	36	85
				Domestic Science total	42	7	77	172
708				Science of Cultural Property	11	4	8	35
711					Science Education	4	2	31
712	Educational Engineering	54			28	39	192	
713	Curriculum Studies	24			8	92	172	
714	Japanese Language Education	18			14	34	92	
	A R E A		Science Education·Curriculum Education total	100	52	196	523	
721				Statistics	45	10	22	121
731				Computer Science	178	191	71	718
732				Intelligent Informatics	240	151	84	724
733	I		Study of Information System (Inclu. Library and Information Science)	116	76	54	359	
				Information Science total	534	418	209	1,801
741				Social System Engineering	69	92	66	343
751				Natural Disaster Science	10	40	7	91
761				Plasma Science and Technology	51	35	29	203
772				Nuclear Fusion	5	15	26	70

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	9	2	12	4
774			Nuclear Power Science	5	5	32	17
	E		Energy total	14	7	64	25
801	R		Environmental Dynamic Analysis	13	6	24	10
802			Environmental Influence Assessment (inclu. Radiobiology)	13	12	21	4
803			Environmental Preservation	23	16	31	17
			Environmental Science total	49	34	76	31
811	I		Biological Organic Chemistry	3	6	23	1
812			Structured Biochemistry	11	6	22	2
813			Functional Biochemistry	4	15	19	3
			Biological Chemistry total	18	27	64	6
821	N		Biophysics	7	15	82	12
822			Molecular Biology	31	27	107	16
823			Cell Biology	4	12	41	5
824			Developmental Biology	3	4	27	2
			Basic Biology total	45	58	257	35
831	A		Neuroanatomy and Neuropathology	8	5	20	6
832			Neurochemistry and Neuropharmacology	7	1	19	5
833			Neuro Science in General	25	21	62	26
834			Neuro and Muscular Physiology	27	28	43	8
			Neuro Science (inclu. Brain Science) total	67	55	144	45
841			Laboratory Animal Science	3	7	10	3
851			Medical Organism Engineering and Material Science of Organism	19	16	129	17
	INTERDISCIPLINARY AREA Total			381	372	1,603	288
999	WIDE AREA Total			52	73	74	27
	Item n.a. Total			1,236	1,279	3,694	622
	Grand Total			4,238	4,167	11,567	1,928

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	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	51	36	26	140
774			Nuclear Power Science	33	41	11	144
	E		Energy total	89	92	63	354
801	R		Environmental Dynamic Analysis	28	41	28	150
802			Environmental Influence Assessment (inclu. Radiobiology)	35	34	27	146
803			Environmental Preservation	60	63	39	249
			Environmental Science total	123	138	94	545
811	I		Biological Organic Chemistry	13	18	14	78
812			Structured Biochemistry	16	14	19	90
813			Functional Biochemistry	29	12	40	122
			Biological Chemistry total	58	44	73	290
821	N		Biophysics	44	17	20	197
822			Molecular Biology	59	34	56	330
823			Cell Biology	23	12	33	130
824			Developmental Biology	11	5	12	64
			Basic Biology total	137	68	121	721
831	A		Neuroanatomy and Neuropathology	12	6	25	82
832			Neurochemistry and Neuropharmacology	40	16	23	111
833			Neuro Science in General	33	29	106	302
834			Neuro and Muscular Physiology	19	25	131	281
			Neuro Science (inclu. Brain Science) total	104	76	285	776
841			Laboratory Animal Science	4	5	5	37
851			Medical Organism Engineering and Material Science of Organism	93	99	60	433
	INTERDISCIPLINARY AREA Total			1,547	1,221	1,517	6,927
999	WIDE AREA Total			97	85	96	501
	Item n.a. Total			4,829	3,497	4,604	19,759
	Grand Total			14,151	10,562	13,874	60,437

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	7	4	8	0
212			Chinese Philosophy	2	2	3	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	5	1
214			Religion	2	0	2	2
215			Ethics	10	5	1	1
216			History of Philosophy	2	3	2	0
217			Aesthetics (inclu. Arts)	7	21	6	1
218			Art History	1	0	1	0
		Philosophy total	31	35	28	5	
221			Experimental Psychology	2	3	52	3
222			Educational and Social	5	11	53	5
223			Sociology	13	13	18	2
224			Education	17	18	30	10
225			Cultural Anthropology (inclu. Ethnology and Folklore)	4	8	15	0
		Psychology•Sociology•Education Cultural Anthropology total	41	53	168	20	
231			Japanese History	5	3	5	0
232			Oriental History	12	9	10	1
233			European History	1	3	2	0
234			Archaeology (inclu. Prehistory)	0	5	7	0
		History total	18	20	24	1	
241			Japanese Language	3	4	4	8
242			Japanese Literature	8	6	1	2
243			Chinese Language and Literature	10	3	2	0
244			English Language and Literature	3	0	24	0
245			French Language and Literature	2	1	6	1
246			German Language and Literature	0	5	0	0
247			Other Foreign Languages and Literatures	10	10	9	0
248			Linguistics and Phonetics	8	33	21	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	4	0	1	1
		Literature total	48	62	68	12	
	ARTS•HUMANITIES Total			138	170	288	38
261	LAW		Basic Science of Law	2	5	3	0
262			Public Law	3	3	4	0
263			International Law	3	10	5	5
264			Civil Law	7	0	0	3
265			Social Law	3	0	0	1
266			Criminal Law	3	1	2	0
267			Politics	10	13	6	0
	LAW Total			31	32	20	9
271	ECONOMICS		General Theory of Economics	5	2	12	2
272			Economical Statistics	1	0	14	0
273			Economic Policy (inclu. Economic Condition)	15	8	19	13
274			Economic History	1	0	4	0
275			Public Finance, Money and Banking	7	1	7	0
276			Commercial Science	1	0	4	0
277			Business Administration	9	2	18	3
278			Accounting	2	1	3	0
	ECONOMICS Total			41	14	81	18
301	SCIENCE		Algebra	10	12	43	0
302			Geometry	13	7	59	14
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	5	6	92	2
305			Basic Analysis	13	31	72	1
306			Larger-area Analysis	3	8	35	0
		Mathematics total	44	64	301	17	
311		Astronomy	24	12	37	3	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	36	16	141	23	

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	2	0	4	25
212			Chinese Philosophy	0	0	2	9
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	2	8
214			Religion	7	0	1	14
215			Ethics	0	0	7	24
216			History of Philosophy	2	0	1	10
217			Aesthetics (inclu. Arts)	5	2	27	69
218			Art History	0	1	0	3
		Philosophy total		16	3	44	162
221			Experimental Psychology	7	8	48	123
222			Educational and Social	7	19	65	165
223			Sociology	2	9	10	66
224			Education	10	8	62	155
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	2	9	39
		Psychology•Sociology•Education Cultural Anthropology total		27	46	194	548
231			Japanese History	0	4	10	27
232			Oriental History	0	1	6	39
233			European History	0	1	11	18
234			Archaeology (inclu. Prehistory)	1	0	7	20
		History total		1	6	34	104
241			Japanese Language	2	1	9	31
242			Japanese Literature	0	3	4	24
243			Chinese Language and Literature	1	1	11	28
244			English Language and Literature	10	5	31	73
245			French Language and Literature	4	1	4	19
246			German Language and Literature	2	1	0	8
247			Other Foreign Languages and Literatures	2	0	9	40
248			Linguistics and Phonetics	5	5	31	103
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	0	5	12
		Literature total		27	17	104	338
	ARTS•HUMANITIES Total		71	72	376	1,152	
261	LAW	Basic Science of Law	2	0	0	12	
262		Public Law	0	0	1	11	
263		International Law	1	4	0	28	
264		Civil Law	2	0	1	13	
265		Social Law	0	2	0	6	
266		Criminal Law	0	0	0	6	
267		Politics	2	9	11	51	
	LAW Total		7	15	13	127	
271	ECONOMICS	General Theory of Economics	2	7	13	43	
272		Economical Statistics	1	2	1	19	
273		Economic Policy (inclu. Economic Condition)	6	4	11	76	
274		Economic History	2	1	0	8	
275		Public Finance, Money and Banking	1	3	1	20	
276		Commercial Science	0	1	3	9	
277		Business Administration	8	9	22	71	
278		Accounting	2	1	4	13	
	ECONOMICS Total		22	28	55	259	
301	SCIENCE	Algebra	0	1	16	82	
302		Geometry	0	1	19	113	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	11	15	27	158	
305		Basic Analysis	1	4	20	142	
306		Larger-area Analysis	1	3	9	59	
		Mathematics total		13	24	91	554
311	Astronomy		12	10	24	122	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	27	17	54	314	

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)	14	23	52	6
323			Solid-State Physics II (Magnetism, Metal Physics,	15	12	112	15
324			Physical Properties in General (inclu. Basic Theories)	17	9	39	7
325			Physics in General	5	4	41	4
			Physics total	87	64	385	55
331			Physics of Solid Earth	1	5	52	0
332			Meteorology, Oceanography and Hydrology	16	8	37	10
333			Aeronomy	0	5	21	4
334			Geology	4	7	26	3
335			Stratigraphy and Paleontology	0	2	5	0
336			Mineralogy, Petrology and Study of Mineral Deposit	2	13	34	1
337			Geochemistry	3	2	22	5
			Earth Science total	26	42	197	23
341			Physical Chemistry	12	7	58	10
342			Organic Chemistry	10	3	90	6
343			Inorganic Chemistry	10	15	56	1
344			Function, Properties and Materials in Chemistry	12	11	43	10
345			Substance Transformation	0	3	17	2
346			Separation, Refining and Identification	2	0	11	0
			Chemistry total	46	39	275	29
351			Genetics	2	7	21	1
352			Ecology	12	17	91	1
353			Plant Physiology	4	10	20	13
354			Morphology, Structure of Organism	1	3	17	1
355			Animal Physiology and	13	2	36	0
356			Morphology and Taxonomy	1	2	19	2
			Biology total	33	41	204	18
361			Physical Anthropology (inclu. Physiological Anthropology)	7	1	23	0
	SCIENCE Total			267	263	1,422	145
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	23	7	33	8
402			Surface Physics	7	0	28	5
403			Applied Optics and Quantum Optics	4	3	73	19
404			General Applied Physics	2	1	20	1
405			Fundamentals of Engineering	0	2	20	1
			Applied Physics·Fundamentals of Engineering total	36	13	174	34
411			Materials for Machines and Strength of Materials	4	5	27	4
412			Workshop Processes and Production Engineering	5	2	27	5
413			Design Engineering, Machine Elements and Tribology	0	7	24	0
414			Fluid Mechanics	2	5	41	4
415			Heat Engineering	5	7	50	3
416			Mechanics and Control Engineering	3	5	48	1
417			Intelligent Mechanics and Machine System	10	6	87	9
			Machine Engineering total	29	37	304	26
421			Electric Power Engineering and Electric Machinery	1	2	87	3
422			Electronic and Electric Materials Engineering	5	3	83	20
423			Electron Devices and Apparatus Engineering	5	50	69	6
424			Information and Communication Engineering	20	6	111	34

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)	67	50	83	295
323			Solid-State Physics II (Magnetism, Metal Physics,	14	42	62	272
324			Physical Properties in General (inclu. Basic Theories)	18	21	27	138
325			Physics in General	9	14	14	91
			Physics total	135	144	240	1,110
331			Physics of Solid Earth	21	18	23	120
332			Meteorology, Oceanography and Hydrology	10	24	22	127
333			Aeronomy	2	8	1	41
334			Geology	6	7	49	101
335			Stratigraphy and Paleontology	2	4	25	38
336			Mineralogy, Petrology and Study of Mineral Deposit	7	12	17	86
337			Geochemistry	4	5	12	53
			Earth Science total	52	78	149	566
341			Physical Chemistry	41	38	67	232
342			Organic Chemistry	14	25	37	185
343			Inorganic Chemistry	15	36	25	158
344			Function, Properties and Materials in Chemistry	31	89	27	223
345			Substance Transformation	4	10	7	43
346			Separation, Refining and Identification	5	15	13	46
			Chemistry total	110	213	176	887
351			Genetics	4	6	21	62
352			Ecology	13	12	49	195
353			Plant Physiology	13	8	10	78
354			Morphology, Structure of Organism	7	15	8	52
355			Animal Physiology and	5	19	11	86
356			Morphology and Taxonomy	4	5	17	50
			Biology total	46	65	116	523
361			Physical Anthropology (inclu. Physiological Anthropology)	11	6	11	59
	SCIENCE Total			379	540	807	3,821
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	10	44	13	138
402			Surface Physics	10	22	5	77
403			Applied Optics and Quantum Optics	20	58	18	190
404			General Applied Physics	4	9	5	42
405			Fundamentals of Engineering	2	12	21	58
			Applied Physics·Fundamentals of Engineering total	46	145	62	505
411			Materials for Machines and Strength of Materials	19	108	50	217
412			Workshop Processes and Production Engineering	19	42	20	120
413			Design Engineering, Machine Elements and Tribology	7	47	14	99
414			Fluid Mechanics	18	72	42	184
415			Heat Engineering	18	86	27	195
416			Mechanics and Control Engineering	40	74	51	222
417			Intelligent Mechanics and Machine System	37	89	38	276
			Machine Engineering total	158	518	242	1,313
421			Electric Power Engineering and Electric Machinery	40	127	43	303
422			Electronic and Electric Materials Engineering	28	111	41	291
423			Electron Devices and Apparatus Engineering	30	82	28	269
424			Information and Communication Engineering	114	183	44	507

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 N G I N E E R I N G		System Engineering	0	2	23	2
427			Electronic Measurements	6	2	29	11
428			Control Engineering	1	6	62	0
			Electric and Electronic Engineering	38	71	464	76
431			Construction Materials and Dynamics in General Civil Engineering	6	3	15	0
432			Structural Engineering and Seismology	1	8	16	6
433			Ground Engineering	8	3	26	4
434			Hydraulics and River Engineering	4	8	42	3
435			Traffic Engineering and Regional Planning	7	3	15	0
436			Civil Environmental System	4	3	13	4
			Civil Engineering total	30	28	127	17
441		N	Building Structure and Materials	5	1	28	0
442			Building Science and Building Equipment	5	5	19	2
443			City Planning and Building Planning	13	16	33	0
444		I	Architectural History and Design	4	0	7	0
			Architecture total	27	22	87	2
451		N	Physical Metallurgy	4	3	30	8
452			Inorganic Materials and	2	9	72	1
453			Composed Materials and Properties	2	0	8	0
454		E	Structural and Functional Materials	4	10	57	2
455		R	Metallurgy and Material	9	4	17	5
456			Metal Productive Engineering	2	1	7	2
			Material Engineering total	23	27	191	18
461		G	Chemical Engineering in General	4	2	22	4
462			Reaction and Separation Engineering	1	0	6	2
463			Catalyst and Chemical Process	4	3	15	5
464			Bioengineering	14	28	39	7
465			Industrial Analytical Chemistry	7	1	9	1
			Process Engineering total	30	34	91	19
471			Industrial Physical Chemistry	6	4	15	4
472			Industrial Inorganic Chemistry	1	1	31	15
473			Industrial Organic Chemistry	7	1	15	7
474			Synthetic Chemistry	2	5	44	9
475			Polymer Synthesis	0	8	41	1
476			Polymer Structure and Property (inclu. Fiber)	8	1	34	0
			Industrial Chemistry total	24	20	180	36
481			Aeronautics	1	12	43	5
482			Ship Engineering	0	0	10	2
483			Marine Engineering	4	2	6	1
484			Resource Development Engineering	0	3	26	36
			Synthetic Engineering total	5	17	85	44
			ENGINEERING Total	242	269	1,703	272
501	A G R I C U L T U R E		Plant Breeding	5	3	9	2
502			Crop Science	1	0	7	1
503			Horticulture and Landscape Architecture	5	7	11	0
504			Plant Protection	4	1	20	5
505			Sericultural Science and Economic Entomology	2	0	8	3
			Agriculture total	17	11	55	11
511			Plant Fertilizer and Manure and Soil Science	4	3	19	2
512			Applied Microbiochemistry and Applied Biochemistry	14	2	48	8
513			Biological Productive Chemistry and Bioorganic Chemistry	4	7	14	3
514			Food Science and Nutritional Chemistry	11	14	8	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	11	11	16	65
427			Electronic Measurements	10	76	35	169
428			Control Engineering	8	56	33	166
			Electric and Electronic Engineering	241	646	240	1,770
431			Construction Materials and Dynamics in General Civil Engineering	11	29	4	68
432			Structural Engineering and Seismology	19	82	8	137
433			Ground Engineering	37	84	24	186
434			Hydraulics and River Engineering	12	93	19	181
435			Traffic Engineering and Regional Planning	15	33	7	80
436			Civil Environmental System	16	36	28	104
			Civil Engineering total	110	357	90	756
441		N	Building Structure and Materials	12	48	16	110
442			Building Science and Building Equipment	10	32	19	92
443		G	City Planning and Building Planning	8	7	39	116
444		I	Architectural History and Design	0	4	3	18
			Architecture total	30	91	77	336
451		N	Physical Metallurgy	15	28	14	102
452			Inorganic Materials and	22	60	18	184
453		E	Composed Materials and Properties	9	4	4	27
454		E	Structural and Functional Materials	20	68	6	167
455		R	Metallurgy and Material	14	141	12	202
456			Metal Productive Engineering	6	20	2	40
			Material Engineering total	86	321	56	722
461		N	Chemical Engineering in General	7	43	6	88
462			Reaction and Separation Engineering	8	40	2	59
463			Catalyst and Chemical Process	2	60	9	98
464			Bioengineering	14	67	15	184
465			Industrial Analytical Chemistry	4	18	9	49
			Process Engineering total	35	228	41	478
471			Industrial Physical Chemistry	9	37	17	92
472			Industrial Inorganic Chemistry	8	11	13	80
473			Industrial Organic Chemistry	13	19	4	66
474			Synthetic Chemistry	29	33	28	147
475			Polymer Synthesis	10	37	22	114
476			Polymer Structure and Property (inclu. Fiber)	11	27	5	86
			Industrial Chemistry total	80	164	89	585
481			Aeronautics	9	25	19	114
482			Ship Engineering	2	29	7	50
483			Marine Engineering	62	6	2	83
484			Resource Development Engineering	10	20	4	99
			Synthetic Engineering total	83	80	32	346
	ENGINEERING Total			869	2,550	929	6,811
501	A G R I C U L T U R E		Plant Breeding	2	2	21	44
502			Crop Science	2	9	9	29
503			Horticulture and Landscape Architecture	3	19	18	63
504			Plant Protection	14	15	23	82
505			Sericultural Science and Economic Entomology	0	5	1	19
			Agriculture total	21	50	72	237
511			Plant Fertilizer and Manure and Soil Science	2	10	10	50
512			Applied Microbiochemistry and Applied Biochemistry	18	51	23	164
513			Biological Productive Chemistry and Bioorganic Chemistry	3	18	18	67
514			Food Science and Nutritional Chemistry	16	68	21	140

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	33	26	89	15
521			Forestry	3	4	14	1
522	G		Wood Science	13	16	44	1
			Forestry total	16	20	58	2
531	R		Fisheries in General	21	34	65	8
532			Fisheries Chemistry	2	6	10	2
			Fisheries total	23	40	75	10
541	I		Agricultural Economics	24	5	10	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	11	2	21	2
552	U		Agricultural Machinery	1	3	15	0
553	L		Biological Environment	0	0	1	0
			Agricultural Engineering total	12	5	37	2
561	T		Animal Science and Grassland Science	3	8	4	2
562	U		Applied Animal Science	3	2	9	0
563	R		Basic Veterinary Medicine and Basic Animal Science	5	4	37	0
564			Applied Veterinary Medicine	5	3	6	1
	E		Animal Science·Veterinary Medicine total	16	17	56	3
571			Biological Resource Science	1	3	13	0
572			Applied Molecular Cell Biology	5	0	11	0
			Interdisciplinary Agricultural Science total	6	3	24	0
AGRICULTURE Total				147	127	404	47
601			Anatomy in General (inclu. Histology, Embryology)	7	6	28	0
602			Physiology in General	6	11	49	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	0	9	2
604			Pharmacology in General	7	10	13	6
605			Medical Chemistry in General	13	1	34	0
606			Pathological Medical Chemistry	29	2	27	6
			Physiology total	65	30	160	16
611	M		Hominal Pathology	9	7	12	7
612	E		Experimental Pathology	4	9	25	0
613	D		Parasitology (inclu. Medical Zoology)	3	1	11	2
614			Bacteriology (inclu. Eumycetes)	6	15	11	2
615	I		Virology	7	19	28	4
616			Immunology	11	16	34	5
			Pathology total	40	67	121	20
621	C		Hygiene	3	1	5	3
622	I		Public Health and Health Science	9	8	30	3
623			Legal Medicine	1	9	5	2
			Social Medicine total	13	18	40	8
631	N		Internal Medicine in General	6	6	14	5
632	E		Gastroenterology	8	2	18	5
633			Internal Medicine Respiratory System	5	3	3	0
634			Neurological Medicine	12	15	10	3
635			Cardioangiopathy	31	17	37	3
636			Pediatrics	10	9	17	2
637			Dermatology	9	7	6	0
638			Radiology	10	2	34	3
639			Neuropsychiatry	5	6	15	0
641			Hematology	10	5	18	0
642			Internal Medicine of Kidney	4	3	5	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	10	3	5	0
645			Metabolic Science	11	2	1	0
			Internal Medicine total	131	80	183	21
651			Surgery in General	15	6	5	1
652			Gastroenterological Surgery	4	2	2	0
653			Thoracic Surgery	2	2	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	39	147	72	421
521			Forestry	7	16	18	63
522	G		Wood Science	17	66	30	187
			Forestry total	24	82	48	250
531	R		Fisheries in General	7	23	21	179
532			Fisheries Chemistry	2	13	8	43
			Fisheries total	9	36	29	222
541	I		Agricultural Economics	1	0	5	49
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	16	39	103
552	U		Agricultural Machinery	4	10	6	39
553	L		Biological Environment	3	5	3	12
			Agricultural Engineering total	19	31	48	154
561	T		Animal Science and Grassland Science	2	11	5	35
562	U		Applied Animal Science	14	16	19	63
563	R		Basic Veterinary Medicine and Basic Animal Science	10	8	17	81
564			Applied Veterinary Medicine	4	21	22	62
	E		Animal Science·Veterinary Medicine total	30	56	63	241
571			Biological Resource Science	6	9	7	39
572			Applied Molecular Cell Biology	2	7	3	28
			Interdisciplinary Agricultural Science total	8	16	10	67
			AGRICULTURE Total	151	418	347	1,641
601			Anatomy in General (inclu. Histology, Embryology)	16	17	29	103
602			Physiology in General	23	22	38	151
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	8	24	46
604			Pharmacology in General	36	10	16	98
605			Medical Chemistry in General	19	8	8	83
606			Pathological Medical Chemistry	16	5	12	97
			Physiology total	110	70	127	578
611	M		Hominal Pathology	18	19	27	99
612	E		Experimental Pathology	10	10	16	74
613	D		Parasitology (inclu.Medical Zoology)	3	0	9	29
614			Bacteriology (inclu. Eumycetes)	3	7	17	61
615	I		Virology	16	15	6	95
616			Immunology	8	14	27	115
			Pathology total	58	65	102	473
621	C		Hygiene	3	10	15	40
622	I		Public Health and Health Science	12	21	62	145
623			Legal Medicine	5	10	13	45
			Social Medicine total	20	41	90	230
631	N		Internal Medicine in General	8	17	66	122
632	E		Gastroenterology	17	24	61	135
633			Internal Medicine Respiratory System	23	13	29	76
634			Neurological Medicine	13	16	68	137
635			Cardioangiolo	97	37	142	364
636			Pediatrics	7	4	31	80
637			Dermatology	13	10	11	56
638			Radiology	27	49	30	155
639			Neuropsychiatry	28	4	14	72
641			Hematology	14	8	22	77
642			Internal Medicine of Kidney	19	7	27	65
643			Embryology and Newborn	1	0	4	5
644			Endocrinology	9	10	16	53
645			Metabolic Science	2	34	18	68
			Internal Medicine total	278	233	539	1,465
651			Surgery in General	12	13	29	81
652			Gastroenterological Surgery	5	28	48	89
653			Thoracic Surgery	3	8	25	48

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	M		Neurosurgery	4	14	8	1
655			Orthopedic Surgery	20	9	11	2
656			Anesthesiology and Rescue Medicine	2	14	28	1
657			Urology	2	8	23	0
658			Obstetrics and Gynecology	9	12	6	0
659			Oto-rhino-laryngology	5	3	11	0
660			Ophthalmology	8	4	11	1
661			Pediatric Surgery	3	4	17	1
662			Formative Surgery	5	0	1	1
			Surgery total	79	78	127	12
671	E		Oral Anatomy and Morphological Basic Dentistry	4	1	49	0
672	D		Functional Basic Dentistry	1	6	22	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	0	8	0
674	C		Conservative Dentistry	2	1	22	2
675			Prosthodontics and Dental Technology	10	11	34	4
676	I		Oral Surgery	9	2	14	1
677	N		Orthodontics, Pedodontics and Social Dentistry	3	10	17	0
678			Periodontological Dentistry	1	2	29	1
	E		Dentistry total	33	33	195	9
681			Chemical Pharmaceutics	6	5	21	0
682			Physical Pharmaceutics	2	0	10	0
683			Biopharmaceutics	11	3	16	0
684			Molecular Pharmaceutics	1	3	8	3
685			Environmental Pharmaceutics	0	0	3	0
			Pharmaceutics total	20	11	58	3
691			Medical Sociology	4	2	13	0
692			Human Genetics	3	0	5	9
693			Applied Pharmacology and Medical Pharmacology	0	3	1	0
694			Pathological Examination	2	0	10	0
696			Science of Basic and Local Nursing	1	1	7	4
697			Science of Clinical Nursing	2	6	10	1
			Medicine in General total	12	12	46	14
	MEDICINE Total			393	329	930	103
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	3	8	0
703			Physical Education	10	7	45	1
704			Human Geography	2	4	7	0
705			Physical Geography	1	3	12	0
			Geography total	3	7	19	0
706			Home Science (inclu. Cloth/Living Environments)	3	0	7	0
707			Food Culture	3	2	4	0
			Domestic Science total	6	2	11	0
708			Science of Cultural Property	0	1	5	2
711			Science Education	1	4	16	6
712	A R E A		Educational Engineering	6	6	43	5
713			Curriculum Studies	8	8	13	5
714			Japanese Language Education	2	8	6	1
			Science Education·Curriculum Education total	17	26	78	17
721			Statistics	5	3	14	4
731			Computer Science	9	8	139	19
732			Intelligent Informatics	7	11	165	16
733			Study of Information System (Inclu. Library and Information Science)	2	11	60	5
			Information Science total	18	30	364	40
741			Social System Engineering	9	8	52	6
751	I		Natural Disaster Science	8	3	12	3
761			Plasma Science and Technology	7	6	62	10
772			Nuclear Fusion	0	0	19	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
654	M		Neurosurgery	9	38	26	100
655			Orthopedic Surgery	25	26	104	197
656			Anesthesiology and Rescue Medicine	8	21	64	138
657			Urology	34	27	38	132
658			Obstetrics and Gynecology	19	17	30	93
659			Oto-rhino-laryngology	6	9	14	48
660			Ophthalmology	3	15	45	87
661			Pediatric Surgery	4	8	24	61
662			Formative Surgery	2	0	3	12
				Surgery total	130	210	450
671	E		Oral Anatomy and Morphological Basic Dentistry	19	8	25	106
672	D		Functional Basic Dentistry	11	11	8	60
673	I		Morbid Dentistry (inclu. Dental Radiology)	9	7	9	36
674	C		Conservative Dentistry	5	14	19	65
675			Prosthodontics and Dental Technology	14	30	44	147
676	I		Oral Surgery	10	25	71	132
677	N		Orthodontics, Pedodontics and Social Dentistry	17	29	51	127
678	E		Periodontological Dentistry	2	8	3	46
			Dentistry total	87	132	230	719
681				Chemical Pharmaceutics	11	17	3
682		Physical Pharmaceutics		12	6	3	33
683		Biopharmaceutics		10	15	11	66
684		Molecular Pharmaceutics		3	14	7	39
685		Environmental Pharmaceutics		0	3	2	8
			Pharmaceutics total	36	55	26	209
691			Medical Sociology	11	9	5	44
692			Human Genetics	2	14	8	41
693			Applied Pharmacology and Medical Pharmacology	11	18	1	34
694			Pathological Examination	3	11	8	34
696	Science of Basic and Local Nursing		2	2	23	40	
697	Science of Clinical Nursing		9	3	35	66	
		Medicine in General total	38	57	80	259	
	MEDICINE Total			757	863	1,644	5,019
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	2	19
703			Physical Education	8	25	96	192
704			Human Geography	0	0	10	23
705			Physical Geography	2	4	17	39
			Geography total	2	4	27	62
706			Home Science(inclu. Cloth/Living Environments)	2	0	26	38
707			Food Culture	1	0	6	16
			Domestic Science total	3	0	32	54
708			Science of Cultural Property	11	4	8	31
711			Science Education	0	1	14	42
712	Educational Engineering	6	24	19	109		
713	Curriculum Studies	2	8	56	100		
714	Japanese Language Education	2	0	20	38		
		Science Education·Curriculum Education total	10	33	109	289	
721	A R E A		Statistics	8	10	6	50
731			Computer Science	69	170	41	455
732			Intelligent Informatics	74	119	49	441
733			Study of Information System (Inclu. Library and Information Science)	30	62	16	186
			Information Science total	173	351	106	1,082
741			Social System Engineering	14	77	42	207
751			Natural Disaster Science	8	32	4	70
761			Plasma Science and Technology	42	32	26	185
772			Nuclear Fusion	3	15	4	45

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 T E R D I S C I P L I N A R Y A R E A		Energy Science General	2	2	11	0
774			Nuclear Power Science	5	3	31	17
			Energy total	7	5	61	21
801			Environmental Dynamic Analysis	5	3	17	7
802			Environmental Influence Assessment (inclu. Radiobiology)	9	5	17	3
803			Environmental Preservation	3	9	30	10
			Environmental Science total	17	17	64	20
811			Biological Organic Chemistry	3	6	18	1
812			Structured Biochemistry	9	4	20	2
813			Functional Biochemistry	1	5	11	3
			Biological Chemistry total	13	15	49	6
821			Biophysics	6	10	68	11
822			Molecular Biology	21	17	91	13
823			Cell Biology	2	8	28	3
824			Developmental Biology	2	3	22	2
			Basic Biology total	31	38	209	29
831	A R E A		Neuroanatomy and Neuropathology	4	4	16	0
832			Neurochemistry and Neuropharmacology	2	1	11	1
833			Neuro Science in General	15	16	37	4
834			Neuro and Muscular Physiology	23	22	33	5
			Neuro Science (inclu. Brain Science) total	44	43	97	10
841			Laboratory Animal Science	3	7	9	3
851			Medical Organism Engineering and Material Science of Organism	10	5	98	11
	INTERDISCIPLINARY AREA Total			209	226	1,257	183
999	WIDE AREA Total			22	12	57	7
	Item n.a. Total			748	711	2,979	457
	Grand Total			2,238	2,153	9,141	1,279

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 E R D I S C I P L I N A R Y A R E A		Energy Science General	44	26	15	100
774			Nuclear Power Science	30	40	10	136
			Energy total	77	81	29	281
801			Environmental Dynamic Analysis	5	18	20	75
802			Environmental Influence Assessment (inclu. Radiobiology)	21	14	22	91
803			Environmental Preservation	25	47	29	153
			Environmental Science total	51	79	71	319
811			Biological Organic Chemistry	2	17	7	54
812			Structured Biochemistry	3	10	15	63
813			Functional Biochemistry	6	7	4	37
			Biological Chemistry total	11	34	26	154
821			Biophysics	8	15	14	132
822			Molecular Biology	19	29	41	231
823			Cell Biology	5	7	18	71
824			Developmental Biology	6	0	10	45
			Basic Biology total	38	51	83	479
831	A R E A		Neuroanatomy and Neuropathology	4	4	11	43
832			Neurochemistry and Neuropharmacology	8	12	19	54
833			Neuro Science in General	10	18	64	164
834			Neuro and Muscular Physiology	2	22	112	219
			Neuro Science (inclu. Brain Science) total	24	56	206	480
841			Laboratory Animal Science	0	5	1	28
851			Medical Organism Engineering and Material Science of Organism	36	88	34	282
	INTERDISCIPLINARY AREA Total			520	963	908	4,264
999	WIDE AREA Total			33	67	50	245
	Item n.a. Total			2,098	2,856	2,612	12,460
	Grand Total			4,907	8,372	7,741	35,799

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	Philosophy	1	0	0	0
212			Chinese Philosophy	4	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)	4	3	1	0
218			Art History	0	2	0	0
			Philosophy total	9	9	3	0
221		Psychology • Sociology • Education	Experimental Psychology	0	0	2	0
222			Educational and Social	1	0	1	0
223			Sociology	2	2	4	0
224			Education	1	1	0	1
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	0	0	0
			Psychology • Sociology • Education Cultural Anthropology total	5	3	7	1
231		History	Japanese History	0	0	0	0
232			Oriental History	0	1	3	0
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	0	1	3	0
241		Literature	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	1	0	0
246			German Language and Literature	1	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0
248			Linguistics and Phonetics	2	5	2	1
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	7	9	3	1
			ARTS • HUMANITIES Total	21	22	16	2
261	LAW	Basic Science of Law	Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	2
263			International Law	2	0	0	0
264			Civil Law	0	0	0	0
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	4	3	0	0
			LAW Total	6	3	0	2
271	ECONOMICS	General Theory of Economics	General Theory of Economics	5	1	8	2
272			Economical Statistics	0	0	1	0
273			Economic Policy (inclu. Economic Condition)	0	1	3	1
274			Economic History	0	0	0	0
275			Public Finance, Money and Banking	0	0	0	0
276			Commercial Science	0	0	0	0
277			Business Administration	2	2	2	0
278			Accounting	0	0	1	0
			ECONOMICS Total	7	4	15	3
301	SCIENCE	Mathematics	Algebra	1	1	9	0
302			Geometry	0	0	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	11	0
305			Basic Analysis	0	2	5	0
306			Larger-area Analysis	0	0	1	0
			Mathematics total	1	3	30	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	7	16
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	3
214			Religion	0	0	1	2
215			Ethics	3	0	0	4
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	5	0	8	21
218			Art History	2	1	1	6
			Philosophy total	14	1	20	56
221			Experimental Psychology	4	0	6	12
222			Educational and Social	1	0	2	5
223			Sociology	8	0	6	22
224			Education	3	2	5	13
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	0	1
			Psychology • Sociology • Education Cultural Anthropology total	16	2	19	53
231			Japanese History	0	1	1	2
232			Oriental History	0	0	2	6
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	0	1	3	8
241			Japanese Language	0	0	0	0
242			Japanese Literature	1	0	0	2
243			Chinese Language and Literature	0	0	1	3
244			English Language and Literature	8	0	2	15
245			French Language and Literature	0	0	1	2
246			German Language and Literature	0	0	0	1
247			Other Foreign Languages and Literatures	1	2	4	7
248			Linguistics and Phonetics	11	4	7	32
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	1	1
			Literature total	21	6	16	63
			ARTS • HUMANITIES Total	51	10	58	180
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	2
263			International Law	1	0	6	8
264			Civil Law	0	1	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	1	0	9
			LAW Total	2	2	6	20
271	ECONOMICS		General Theory of Economics	12	3	2	33
272			Economical Statistics	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	3	0	1	9
274			Economic History	1	1	0	2
275			Public Finance, Money and Banking	1	1	1	3
276			Commercial Science	0	0	1	1
277			Business Administration	4	1	2	13
278			Accounting	1	0	3	5
			ECONOMICS Total	22	6	10	67
301	SCIENCE		Algebra	1	1	2	15
302			Geometry	0	0	0	4
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	1	0	2	14
305			Basic Analysis	0	1	2	10
306			Larger-area Analysis	0	1	0	2
			Mathematics total	2	3	6	45
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	0	5	11

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	0	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	0	20	1
331			Physics of Solid Earth	0	0	1	0
332			Meteorology, Oceanography and Hydrology	0	0	1	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	10	1
341			Physical Chemistry	0	0	15	0
342			Organic Chemistry	2	1	6	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	1	27	3
351			Genetics	2	0	2	2
352			Ecology	0	1	1	0
353			Plant Physiology	1	0	1	0
354			Morphology, Structure of Organism	0	0	2	0
355			Animal Physiology and	0	0	2	0
356			Morphology and Taxonomy	0	0	0	0
			Biology total	3	1	8	2
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	1	0
	SCIENCE Total			18	5	96	7
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	3	3	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	3	3	8	1
411			Materials for Machines and Strength of Materials	0	0	3	0
412			Workshop Processes and Production Engineering	60	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	5	3
			Machine Engineering total	61	1	16	3
421	G		Electric Power Engineering and Electric Machinery	5	0	1	0
422			Electronic and Electric Materials Engineering	1	0	3	0
423			Electron Devices and Apparatus Engineering	0	0	1	0
424			Information and Communication Engineering	2	2	3	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	2	3	12
323			Solid-State Physics II (Magnetism, Metal Physics,	6	1	16	31
324			Physical Properties in General (inclu. Basic Theories)	3	3	7	23
325			Physics in General	1	1	12	15
			Physics total	12	7	43	92
331			Physics of Solid Earth	0	1	0	2
332			Meteorology, Oceanography and Hydrology	1	0	0	3
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	1	1	3	17
341			Physical Chemistry	8	1	14	38
342			Organic Chemistry	4	3	5	21
343			Inorganic Chemistry	6	1	1	11
344			Function, Properties and Materials in Chemistry	4	1	0	8
345			Substance Transformation	2	0	0	2
346			Separation, Refining and Identification	0	1	0	6
			Chemistry total	24	7	20	86
351			Genetics	3	0	2	11
352			Ecology	1	1	1	5
353			Plant Physiology	5	0	6	13
354			Morphology, Structure of Organism	0	0	2	4
355			Animal Physiology and	0	1	1	4
356			Morphology and Taxonomy	0	1	2	3
			Biology total	9	3	14	40
361			Physical Anthropology (inclu. Physiological Anthropology)	1	0	0	2
			SCIENCE Total	49	21	86	282
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	12	3	1	28
402			Surface Physics	3	0	2	5
403			Applied Optics and Quantum Optics	2	0	5	8
404			General Applied Physics	1	0	0	2
405			Fundamentals of Engineering	0	0	0	1
			Applied Physics·Fundamentals of Engineering total	18	3	8	44
411			Materials for Machines and Strength of Materials	2	5	5	15
412			Workshop Processes and Production Engineering	3	0	8	73
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	5	0	1	10
415			Heat Engineering	2	2	1	7
416			Mechanics and Control Engineering	3	4	7	16
417			Intelligent Mechanics and Machine System	17	2	1	28
			Machine Engineering total	32	13	23	149
421			Electric Power Engineering and Electric Machinery	6	3	20	35
422			Electronic and Electric Materials Engineering	0	3	0	7
423			Electron Devices and Apparatus Engineering	5	1	2	9
424			Information and Communication Engineering	16	11	10	45

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	0	0
428			Control Engineering	1	0	4	0
			Electric and Electronic Engineering	9	2	12	1
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	0	0	0
			Civil Engineering total	0	1	4	0
441		N	Building Structure and Materials	0	2	3	0
442			Building Science and Building Equipment	0	1	0	0
443			City Planning and Building Planning	0	2	4	0
444		I	Architectural History and Design	0	0	0	0
			Architecture total	0	5	7	0
451		N	Physical Metallurgy	1	1	0	0
452			Inorganic Materials and	0	0	1	0
453			Composed Materials and Properties	0	0	0	0
454		E	Structural and Functional Materials	0	0	1	1
455		R	Metallurgy and Material	0	0	1	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	1	1	3	1
461		I	Chemical Engineering in General	0	1	0	0
462			Reaction and Separation Engineering	0	0	6	1
463			Catalyst and Chemical Process	0	0	2	0
464			Bioengineering	0	0	2	0
465			Industrial Analytical Chemistry	0	0	11	0
			Process Engineering total	0	1	21	1
471			Industrial Physical Chemistry	0	0	2	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	0	0	3	0
474			Synthetic Chemistry	0	0	1	0
475			Polymer Synthesis	0	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	10	0
			Industrial Chemistry total	1	0	16	0
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	7	0
483			Marine Engineering	0	0	0	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	7	0
			ENGINEERING Total	75	14	94	7
501	A G R I C U L T U R E		Plant Breeding	0	0	1	1
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	2	1	2	0
504			Plant Protection	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	2	1	3	1
511			Plant Fertilizer and Manure and Soil Science	0	0	3	0
512			Applied Microbiochemistry and Applied Biochemistry	4	6	3	4
513			Biological Productive Chemistry and Bioorganic Chemistry	3	0	2	0
514			Food Science and Nutritional Chemistry	2	5	3	1

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
425	E N G I N E E R I N G		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	2	2
428			Control Engineering	8	3	3	19
			Electric and Electronic Engineering	35	21	37	117
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	2	1	11
435			Traffic Engineering and Regional Planning	2	0	0	2
436			Civil Environmental System	1	1	0	2
			Civil Engineering total	11	5	18	39
441		N	Building Structure and Materials	3	2	4	14
442			Building Science and Building Equipment	8	4	1	14
443			City Planning and Building Planning	0	2	0	7
444		I	Architectural History and Design	0	0	0	0
			Architecture total	11	8	5	35
451		N	Physical Metallurgy	2	0	1	5
452			Inorganic Materials and	1	1	0	3
453			Composed Materials and Properties	0	2	1	3
454		E	Structural and Functional Materials	0	3	0	5
455		R	Metallurgy and Material	2	2	1	6
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	5	8	3	22
461		I N D U S T R I A L	Chemical Engineering in General	5	0	0	6
462			Reaction and Separation Engineering	3	2	4	16
463			Catalyst and Chemical Process	0	3	0	5
464			Bioengineering	8	0	2	12
465			Industrial Analytical Chemistry	0	2	2	15
			Process Engineering total	16	7	8	54
471			Industrial Physical Chemistry	3	6	0	11
472			Industrial Inorganic Chemistry	0	1	0	1
473			Industrial Organic Chemistry	0	0	0	3
474			Synthetic Chemistry	0	0	0	1
475			Polymer Synthesis	2	4	1	7
476			Polymer Structure and Property (inclu. Fiber)	4	6	0	21
			Industrial Chemistry total	9	17	1	44
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	7	10	24
483			Marine Engineering	4	0	0	4
484			Resource Development Engineering	1	0	4	5
			Synthetic Engineering total	5	7	14	33
			ENGINEERING Total	142	89	117	537
501	A G R I C U L T U R E		Plant Breeding	0	1	1	4
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	8	5	17	35
504			Plant Protection	0	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	8	6	18	39
511			Plant Fertilizer and Manure and Soil Science	1	0	0	4
512			Applied Microbiochemistry and Applied Biochemistry	2	2	0	21
513			Biological Productive Chemistry and Bioorganic Chemistry	0	4	0	9
514			Food Science and Nutritional Chemistry	11	4	7	33

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
	A		Agricultural Chemistry total	9	11	11	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	0	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	0	2	0
564			Applied Veterinary Medicine	4	0	1	1
	E		Animal Science·Veterinary Medicine total	4	0	3	1
571			Biological Resource Science	0	0	2	3
572			Applied Molecular Cell Biology	0	0	7	0
			Interdisciplinary Agricultural Science total	0	0	9	3
AGRICULTURE Total				21	13	33	13
601			Anatomy in General (inclu. Histology, Embryology)	1	1	0	0
602			Physiology in General	2	0	1	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	4	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	26	6	0
611			Hominal Pathology	0	3	1	0
612	E		Experimental Pathology	1	1	0	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	6	0
621			Hygiene	0	1	2	2
622	I		Public Health and Health Science	4	2	13	2
623			Legal Medicine	0	0	0	0
	N		Social Medicine total	4	3	15	4
631			Internal Medicine in General	1	0	4	0
632	E		Gastroenterology	1	1	4	0
633			Internal Medicine Respiratory System	0	0	0	0
634			Neurological Medicine	0	0	1	0
635			Cardioangiopathy	7	1	1	0
636			Pediatrics	5	2	3	0
637			Dermatology	4	0	5	0
638			Radiology	0	0	2	0
639			Neuropsychiatry	0	0	1	0
641			Hematology	1	5	7	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	23	9	30	0
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	10	7	67
521			Forestry	1	0	0	3
522	G		Wood Science	1	2	2	10
			Forestry total	2	2	2	13
531	R		Fisheries in General	1	0	0	1
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	1	0	0	1
541	I		Agricultural Economics	0	0	0	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	4
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	2	3	0	8
			Agricultural Engineering total	2	3	0	12
561	T		Animal Science and Grassland Science	3	0	0	3
562	U		Applied Animal Science	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	0	3
564			Applied Veterinary Medicine	1	1	2	10
	E		Animal Science·Veterinary Medicine total	4	2	2	16
571			Biological Resource Science	2	4	1	12
572			Applied Molecular Cell Biology	1	0	0	8
			Interdisciplinary Agricultural Science total	3	4	1	20
			AGRICULTURE Total	34	27	30	171
601			Anatomy in General (inclu. Histology, Embryology)	4	0	9	15
602			Physiology in General	3	2	8	16
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	0	9	15
604			Pharmacology in General	1	3	2	12
605			Medical Chemistry in General	0	0	22	42
606			Pathological Medical Chemistry	0	0	4	4
	M		Physiology total	10	5	54	104
611			Hominal Pathology	3	6	3	16
612	E		Experimental Pathology	3	2	1	8
613	D		Parasitology (inclu.Medical Zoology)	0	0	0	2
614			Bacteriology (inclu. Eumycetes)	6	1	1	11
615	I		Virology	1	0	1	4
616			Immunology	1	0	0	3
	C		Pathology total	14	9	6	44
621			Hygiene	1	0	15	21
622	I		Public Health and Health Science	1	2	13	37
623			Legal Medicine	0	0	5	5
	N		Social Medicine total	2	2	33	63
631			Internal Medicine in General	3	1	21	27
632	E		Gastroenterology	1	1	23	31
633			Internal Medicine Respiratory System	1	1	18	20
634			Neurological Medicine	4	2	1	8
635			Cardioangiopathy	2	3	15	29
636			Pediatrics	1	1	12	24
637			Dermatology	6	11	11	37
638			Radiology	0	0	6	8
639			Neuropsychiatry	0	0	4	5
641			Hematology	2	3	4	21
642			Internal Medicine of Kidney	0	1	4	6
643			Embryology and Newborn	1	0	2	4
644			Endocrinology	0	3	0	4
645			Metabolic Science	0	3	5	11
			Internal Medicine total	21	30	126	235
651			Surgery in General	3	0	3	13
652			Gastroenterological Surgery	4	2	27	35
653			Thoracic Surgery	0	0	4	4

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	3	1	0	0		
656			Anesthesiology and Rescue Medicine	1	0	5	0		
657			Urology	3	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	16	3	12	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			Prosthodontics and Dental Technology	0	0	0	0		
676	I		Oral Surgery	1	0	2	0		
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0		
678			Periodontological Dentistry	0	0	1	0		
	E		Dentistry total	3	0	6	0		
681				Chemical Pharmaceutics	0	0	3	0	
682		Physical Pharmaceutics		0	0	0	0		
683		Biopharmaceutics		0	2	1	0		
684		Molecular Pharmaceutics		0	0	2	0		
685		Environmental Pharmaceutics		0	0	2	0		
		Pharmaceutics total		0	2	8	0		
691			Medical Sociology	0	0	1	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	2	2	8	1		
697			Science of Clinical Nursing	1	3	2	0		
			Medicine in General total	3	5	11	2		
			MEDICINE Total	55	54	94	6		
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	0	2	0		
703			Physical Education	1	0	6	0		
704			Human Geography	1	0	1	0		
705			Physical Geography	0	0	3	0		
			Geography total	1	0	4	0		
706			Home Science(inclu. Cloth/Living Environments)	0	0	2	0		
707			Food Culture	0	0	2	0		
			Domestic Science total	0	0	4	0		
708			Science of Cultural Property	0	0	0	0		
711			Science Education	0	0	0	0		
712	A R E A		Educational Engineering	0	0	1	0		
713			Curriculum Studies	0	0	1	0		
714			Japanese Language Education	0	0	0	0		
			Science Education·Curriculum Education total	0	0	2	0		
721			Statistics	0	0	1	0		
731			Computer Science	0	2	28	1		
732			Intelligent Informatics	0	0	7	0		
733			I		Study of Information System (Inclu. Library and Information Science)	1	0	16	0
					Information Science total	1	2	51	1
741					Social System Engineering	0	2	4	2
751	Natural Disaster Science	0			0	0	0		
761	Plasma Science and Technology	0			0	2	0		
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	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	4	0	11	15	
655			Orthopedic Surgery	5	3	25	37	
656			Anesthesiology and Rescue Medicine	6	2	18	32	
657			Urology	4	2	4	14	
658			Obstetrics and Gynecology	3	0	0	10	
659			Oto-rhino-laryngology	0	0	12	13	
660			Ophthalmology	0	0	1	1	
661			Pediatric Surgery	0	0	1	1	
662			Formative Surgery	0	0	4	4	
			Surgery total	29	9	110	179	
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)	1	0	0	4	
674	C		Conservative Dentistry	4	0	1	7	
675	I		Prosthodontics and Dental Technology	2	0	0	2	
676			Oral Surgery	15	0	5	23	
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	1	1	
678	E		Periodontological Dentistry	0	0	0	1	
			Dentistry total	24	0	10	43	
681			Chemical Pharmaceutics	6	1	0	10	
682			Physical Pharmaceutics	0	0	0	0	
683			Biopharmaceutics	7	3	1	14	
684			Molecular Pharmaceutics	0	0	0	2	
685			Environmental Pharmaceutics	0	0	0	2	
			Pharmaceutics total	13	4	1	28	
691			Medical Sociology	2	2	3	9	
692			Human Genetics	0	0	0	0	
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0	
694			Pathological Examination	1	0	2	3	
696			Science of Basic and Local Nursing	6	2	5	26	
697			Science of Clinical Nursing	12	1	15	34	
			Medicine in General total	21	5	25	72	
			MEDICINE Total	134	64	365	768	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	1	4	
703			Physical Education	8	1	9	25	
704			Human Geography	0	0	0	2	
705				Physical Geography	0	1	3	7
			Geography total	0	1	3	9	
706			Home Science(inclu. Cloth/Living Environments)	0	0	4	6	
707				Food Culture	3	1	17	23
			Domestic Science total	3	1	21	29	
708			Science of Cultural Property	0	0	0	0	
711			Science Education	Science Education	0	0	2	2
712	Educational Engineering	7		1	1	10		
713	Curriculum Studies	3		0	2	6		
714	Japanese Language Education	4		1	1	6		
	Science Education·Curriculum Education total	14	2	6	24			
721	A R E A		Statistics	0	0	4	5	
731			Computer Science	12	5	2	50	
732				Intelligent Informatics	12	5	8	32
733			Study of Information System (Inclu. Library and Information Science)	18	2	1	38	
				Information Science total	42	12	11	120
741			Social System Engineering	7	2	5	22	
751			Natural Disaster Science	0	0	0	0	
761			Plasma Science and Technology	0	0	2	4	
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	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	0	0	0	0
774			Nuclear Power Science	0	0	0	0
			Energy total	0	0	0	0
801			Environmental Dynamic Analysis	2	0	5	0
802			Environmental Influence Assessment (inclu. Radiobiology)	2	5	3	1
803			Environmental Preservation	11	2	1	2
			Environmental Science total	15	7	9	3
811			Biological Organic Chemistry	0	0	2	0
812			Structured Biochemistry	0	0	1	0
813			Functional Biochemistry	2	2	3	0
			Biological Chemistry total	2	2	6	0
821	N A R Y A R E A		Biophysics	0	5	4	1
822			Molecular Biology	0	4	7	0
823			Cell Biology	0	0	2	0
824			Developmental Biology	1	1	2	0
			Basic Biology total	1	10	15	1
831			Neuroanatomy and Neuropathology	2	1	1	0
832			Neurochemistry and Neuropharmacology	0	0	3	0
833			Neuro Science in General	1	1	7	0
834			Neuro and Muscular Physiology	0	0	2	0
			Neuro Science (inclu. Brain Science) total	3	2	13	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	5	0	10	0
			INTERDISCIPLINARY AREA Total	30	25	129	7
999			WIDE AREA Total	4	0	1	3
			Item n.a. Total	99	66	199	35
			Grand Total	336	206	677	85

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	0	2	0	2
774			Nuclear Power Science	0	0	0	0
	E		Energy total	0	2	0	2
801	R D I S		Environmental Dynamic Analysis	5	18	1	31
802			Environmental Influence Assessment (inclu. Radiobiology)	9	18	2	40
803			Environmental Preservation	2	3	3	24
			Environmental Science total	16	39	6	95
811	I P L		Biological Organic Chemistry	0	0	4	6
812			Structured Biochemistry	0	0	0	1
813			Functional Biochemistry	1	5	13	26
			Biological Chemistry total	1	5	17	33
821	N A R Y		Biophysics	0	0	3	13
822			Molecular Biology	8	0	7	26
823			Cell Biology	5	3	8	18
824			Developmental Biology	3	0	2	9
			Basic Biology total	16	3	20	66
831	A R E A		Neuroanatomy and Neuropathology	1	0	4	9
832			Neurochemistry and Neuropharmacology	8	2	1	14
833			Neuro Science in General	1	0	3	13
834			Neuro and Muscular Physiology	0	0	5	7
			Neuro Science (inclu. Brain Science) total	10	2	13	43
841			Laboratory Animal Science	2	0	2	4
851			Medical Organism Engineering and Material Science of Organism	3	3	0	21
	INTERDISCIPLINARY AREA Total			122	73	120	506
999	WIDE AREA Total			6	1	3	18
	Item n.a. Total			396	164	384	1,342
	Grand Total			958	457	1,179	3,891

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	11	11	3	0
212			Chinese Philosophy	0	5	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	15	24	1	0
214			Religion	18	12	2	1
215			Ethics	3	0	0	1
216			History of Philosophy	3	3	1	0
217			Aesthetics (inclu. Arts)	27	49	6	8
218			Art History	2	2	1	0
		Philosophy total	79	106	14	11	
221			Experimental Psychology	4	1	22	1
222			Educational and Social	28	5	18	0
223			Sociology	84	95	28	6
224			Education	26	11	3	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	23	5	4	11
		Psychology • Sociology • Education Cultural Anthropology total	165	117	75	21	
231			Japanese History	4	0	2	1
232			Oriental History	16	12	2	0
233			European History	4	10	3	1
234			Archaeology (inclu. Prehistory)	4	4	5	0
		History total	28	26	12	2	
241			Japanese Language	7	10	1	2
242			Japanese Literature	16	26	5	3
243			Chinese Language and Literature	34	12	12	2
244			English Language and Literature	25	28	10	3
245			French Language and Literature	5	4	4	2
246			German Language and Literature	4	5	3	1
247			Other Foreign Languages and Literatures	15	9	5	0
248			Linguistics and Phonetics	16	19	18	24
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	8	2	0
		Literature total	124	121	60	37	
	ARTS • HUMANITIES Total			396	370	161	71
261	LAW		Basic Science of Law	11	6	5	0
262			Public Law	4	0	1	0
263			International Law	4	7	0	0
264			Civil Law	13	10	3	1
265			Social Law	0	0	4	0
266			Criminal Law	4	2	1	0
267			Politics	29	23	7	1
	LAW Total			65	48	21	2
271	ECONOMICS		General Theory of Economics	8	6	22	3
272			Economical Statistics	1	0	1	2
273			Economic Policy (inclu. Economic Condition)	28	31	4	13
274			Economic History	2	6	7	0
275			Public Finance, Money and Banking	8	3	4	4
276			Commercial Science	4	3	3	0
277			Business Administration	63	23	6	2
278			Accounting	4	5	5	0
	ECONOMICS Total			118	77	52	24
301	SCIENCE		Algebra	9	6	12	0
302			Geometry	14	2	19	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	20	18	40	5
305			Basic Analysis	1	4	23	0
306			Larger-area Analysis	9	5	6	2
		Mathematics total			53	35	100
311		Astronomy	5	2	7	0	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	8	2	34	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	19	4	9	57
212			Chinese Philosophy	6	1	1	14
213			Indian Philosophy (inclu. Buddhist Studies)	19	2	9	70
214			Religion	19	2	7	61
215			Ethics	4	0	2	10
216			History of Philosophy	10	2	7	26
217			Aesthetics (inclu. Arts)	16	11	37	154
218			Art History	1	3	2	11
			Philosophy total	94	25	74	403
221			Experimental Psychology	42	2	19	91
222			Educational and Social	97	3	61	212
223			Sociology	127	9	47	396
224			Education	47	7	27	124
225			Cultural Anthropology (inclu. Ethnology and Folklore)	28	7	14	92
			Psychology • Sociology • Education Cultural Anthropology total	341	28	168	915
231			Japanese History	9	0	4	20
232			Oriental History	15	1	16	62
233			European History	8	3	7	36
234			Archaeology (inclu. Prehistory)	5	0	5	21
			History total	37	4	32	139
241			Japanese Language	5	0	5	30
242			Japanese Literature	17	2	16	85
243			Chinese Language and Literature	25	2	28	115
244			English Language and Literature	110	13	26	214
245			French Language and Literature	12	0	4	31
246			German Language and Literature	9	2	2	26
247			Other Foreign Languages and Literatures	34	0	17	80
248			Linguistics and Phonetics	80	7	39	203
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	11	0	4	27
			Literature total	303	26	141	811
			ARTS • HUMANITIES Total	775	83	415	2,268
261	LAW		Basic Science of Law	10	0	3	35
262			Public Law	2	0	1	8
263			International Law	11	1	4	27
264			Civil Law	17	4	8	56
265			Social Law	0	0	2	6
266			Criminal Law	2	0	6	15
267			Politics	38	18	12	128
			LAW Total	80	23	36	275
271	ECONOMICS		General Theory of Economics	40	9	25	113
272			Economical Statistics	8	4	4	20
273			Economic Policy (inclu. Economic Condition)	31	9	23	139
274			Economic History	8	0	2	25
275			Public Finance, Money and Banking	11	0	1	31
276			Commercial Science	8	6	5	29
277			Business Administration	60	8	39	201
278			Accounting	39	2	5	60
			ECONOMICS Total	205	38	104	618
301	SCIENCE		Algebra	21	1	7	56
302			Geometry	5	1	0	41
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	35	0	24	142
305			Basic Analysis	29	2	8	67
306			Larger-area Analysis	20	0	1	43
			Mathematics total	110	4	40	349
311			Astronomy	13	1	3	31
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	47	11	10	114

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	18	1
323			Solid-State Physics II (Magnetism, Metal Physics,	4	14	14	0
324			Physical Properties in General (inclu. Basic Theories)	5	3	8	0
325			Physics in General	1	10	7	1
			Physics total	20	29	81	4
331			Physics of Solid Earth	0	0	4	0
332			Meteorology, Oceanography and Hydrology	3	3	8	5
333			Aeronomy	3	4	1	0
334			Geology	1	1	2	1
335			Stratigraphy and Paleontology	1	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	1	0	2	0
			Earth Science total	9	8	17	6
341			Physical Chemistry	8	2	5	3
342			Organic Chemistry	2	0	2	1
343			Inorganic Chemistry	0	14	3	1
344			Function, Properties and Materials in Chemistry	5	3	1	4
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	1	0	1	2
			Chemistry total	16	19	12	11
351			Genetics	2	1	1	0
352			Ecology	5	3	4	1
353			Plant Physiology	2	5	2	0
354			Morphology, Structure of Organism	1	0	3	0
355			Animal Physiology and	0	2	3	4
356			Morphology and Taxonomy	1	1	0	0
			Biology total	11	12	13	5
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	3	0
	SCIENCE Total			115	106	233	33
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	10	1	1
402			Surface Physics	1	0	3	1
403			Applied Optics and Quantum Optics	1	1	10	0
404			General Applied Physics	0	2	3	0
405			Fundamentals of Engineering	1	0	0	0
			Applied Physics·Fundamentals of Engineering total	3	13	17	2
411			Materials for Machines and Strength of Materials	6	5	18	2
412			Workshop Processes and Production Engineering	5	4	4	3
413			Design Engineering, Machine Elements and Tribology	0	0	2	0
414			Fluid Mechanics	0	1	7	0
415			Heat Engineering	0	1	3	5
416			Mechanics and Control Engineering	2	0	1	0
417			Intelligent Mechanics and Machine System	3	0	7	3
			Machine Engineering total	16	11	42	13
421			Electric Power Engineering and Electric Machinery	3	2	15	0
422			Electronic and Electric Materials Engineering	1	47	20	28
423			Electron Devices and Apparatus Engineering	7	3	26	8
424			Information and Communication Engineering	1	9	16	7

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)	56	9	4	90
323			Solid-State Physics II (Magnetism, Metal Physics,	39	5	9	85
324			Physical Properties in General (inclu. Basic Theories)	34	1	2	53
325			Physics in General	31	2	8	60
			Physics total	207	28	33	402
331			Physics of Solid Earth	12	0	2	18
332			Meteorology, Oceanography and Hydrology	60	41	24	144
333			Aeronomy	6	0	2	16
334			Geology	6	2	1	14
335			Stratigraphy and Paleontology	1	1	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	4	0	2	6
337			Geochemistry	3	0	3	9
			Earth Science total	92	44	34	210
341			Physical Chemistry	46	4	8	76
342			Organic Chemistry	16	1	3	25
343			Inorganic Chemistry	14	0	13	45
344			Function, Properties and Materials in Chemistry	19	8	4	44
345			Substance Transformation	10	0	4	14
346			Separation, Refining and Identification	22	6	7	39
			Chemistry total	127	19	39	243
351			Genetics	3	0	0	7
352			Ecology	7	4	8	32
353			Plant Physiology	7	2	5	23
354			Morphology, Structure of Organism	11	4	2	21
355			Animal Physiology and	6	1	7	23
356			Morphology and Taxonomy	5	0	5	12
			Biology total	39	11	27	118
361			Physical Anthropology (inclu. Physiological Anthropology)	3	2	2	12
	SCIENCE Total			591	109	178	1,365
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	27	2	10	51
402			Surface Physics	20	4	2	31
403			Applied Optics and Quantum Optics	19	4	12	47
404			General Applied Physics	95	31	0	131
405			Fundamentals of Engineering	15	1	8	25
			Applied Physics·Fundamentals of Engineering total	176	42	32	285
411			Materials for Machines and Strength of Materials	61	25	45	162
412			Workshop Processes and Production Engineering	38	6	4	64
413			Design Engineering, Machine Elements and Tribology	24	5	12	43
414			Fluid Mechanics	37	52	7	102
415			Heat Engineering	31	10	11	61
416			Mechanics and Control Engineering	48	13	12	76
417			Intelligent Mechanics and Machine System	79	8	32	132
			Machine Engineering total	318	119	123	640
421			Electric Power Engineering and Electric Machinery	85	22	26	153
422			Electronic and Electric Materials Engineering	123	42	10	271
423			Electron Devices and Apparatus Engineering	146	20	36	246
424			Information and Communication Engineering	118	40	25	216

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	5	3
427			Electronic Measurements	2	0	12	1
428			Control Engineering	1	1	9	0
			Electric and Electronic Engineering	17	71	103	47
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	0
432			Structural Engineering and Seismology	2	4	3	1
433			Ground Engineering	2	5	2	3
434			Hydraulics and River Engineering	2	5	2	0
435			Traffic Engineering and Regional Planning	2	1	1	3
436			Civil Environmental System	5	0	1	0
			Civil Engineering total	14	15	9	7
441		N	Building Structure and Materials	3	0	4	1
442			Building Science and Building Equipment	3	5	4	2
443		G	City Planning and Building Planning	11	11	6	2
444		I	Architectural History and Design	0	5	5	0
			Architecture total	17	21	19	5
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	0	5	1
453		E	Composed Materials and Properties	1	0	1	0
454		E	Structural and Functional Materials	0	1	2	0
455		R	Metallurgy and Material	0	2	10	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	3	3	18	1
461		I	Chemical Engineering in General	0	4	11	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	2	3	1	9
465			Industrial Analytical Chemistry	0	0	1	0
			Process Engineering total	2	7	14	9
471			Industrial Physical Chemistry	0	1	1	0
472			Industrial Inorganic Chemistry	1	0	1	0
473			Industrial Organic Chemistry	0	0	0	0
474			Synthetic Chemistry	1	2	1	1
475			Polymer Synthesis	2	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	1	0	2	0
			Industrial Chemistry total	5	3	5	2
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	0	0	9	0
484			Resource Development Engineering	1	0	1	0
			Synthetic Engineering total	1	0	11	0
			ENGINEERING Total	78	144	238	86
501	A		Plant Breeding	2	0	1	0
502			Crop Science	0	1	0	0
503			Horticulture and Landscape Architecture	6	0	0	0
504			Plant Protection	1	2	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	9	3	1	0
511			Plant Fertilizer and Manure and Soil Science	1	0	3	1
512			Applied Microbiochemistry and Applied Biochemistry	0	2	8	4
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	0	0
514			Food Science and Nutritional Chemistry	1	4	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
425	E		System Engineering	24	2	9	54
427			Electronic Measurements	63	17	12	107
428			Control Engineering	22	6	10	49
			Electric and Electronic Engineering	581	149	128	1,096
431			Construction Materials and Dynamics in General Civil Engineering	11	7	5	24
432			Structural Engineering and Seismology	57	4	11	82
433			Ground Engineering	11	1	6	30
434			Hydraulics and River Engineering	17	3	7	36
435			Traffic Engineering and Regional Planning	27	2	15	51
436			Civil Environmental System	4	3	9	22
			Civil Engineering total	127	20	53	245
441		N	Building Structure and Materials	41	4	17	70
442			Building Science and Building Equipment	59	8	6	87
443		G	City Planning and Building Planning	32	5	16	83
444		I	Architectural History and Design	4	0	6	20
			Architecture total	136	17	45	260
451		N	Physical Metallurgy	11	0	2	13
452			Inorganic Materials and	27	21	12	68
453		E	Composed Materials and Properties	10	2	1	15
454		E	Structural and Functional Materials	9	2	9	23
455		R	Metallurgy and Material	28	51	1	92
456			Metal Productive Engineering	15	0	18	33
			Material Engineering total	100	76	43	244
461		G	Chemical Engineering in General	11	7	1	34
462			Reaction and Separation Engineering	3	16	3	23
463			Catalyst and Chemical Process	5	3	0	8
464			Bioengineering	14	1	1	31
465			Industrial Analytical Chemistry	9	0	1	11
			Process Engineering total	42	27	6	107
471			Industrial Physical Chemistry	11	1	1	15
472			Industrial Inorganic Chemistry	6	0	0	8
473			Industrial Organic Chemistry	1	2	0	3
474			Synthetic Chemistry	8	9	2	24
475			Polymer Synthesis	11	0	1	15
476			Polymer Structure and Property (inclu. Fiber)	28	2	2	35
			Industrial Chemistry total	65	14	6	100
481			Aeronautics	8	3	2	14
482			Ship Engineering	5	0	0	5
483			Marine Engineering	2	3	1	15
484			Resource Development Engineering	7	5	0	14
			Synthetic Engineering total	22	11	3	48
			ENGINEERING Total	1,567	475	439	3,025
501	A G R I C U L T U R E		Plant Breeding	2	3	5	13
502			Crop Science	2	0	0	3
503			Horticulture and Landscape Architecture	7	0	1	14
504			Plant Protection	8	2	2	15
505			Sericultural Science and Economic Entomology	0	0	1	1
			Agriculture total	19	5	9	46
511			Plant Fertilizer and Manure and Soil Science	2	1	2	10
512			Applied Microbiochemistry and Applied Biochemistry	22	4	12	52
513			Biological Productive Chemistry and Bioorganic Chemistry	8	6	5	19
514			Food Science and Nutritional Chemistry	27	5	23	61

Table 50. Total Number of Times Speaking 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
	A		Agricultural Chemistry total	2	6	11	6
521			Forestry	1	1	0	1
522	G		Wood Science	0	0	0	0
			Forestry total	1	1	0	1
531	R		Fisheries in General	5	3	9	0
532			Fisheries Chemistry	0	0	3	0
			Fisheries total	5	3	12	0
541	I		Agricultural Economics	0	2	0	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	0	0	0	1
561	T		Animal Science and Grassland Science	0	4	0	1
562	U		Applied Animal Science	1	3	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	0	1	1
564			Applied Veterinary Medicine	2	2	6	1
	E		Animal Science·Veterinary Medicine total	5	9	7	3
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	1	0	1	0
			Interdisciplinary Agricultural Science total	1	0	1	0
			AGRICULTURE Total	23	24	32	14
601			Anatomy in General (inclu. Histology, Embryology)	2	3	6	3
602			Physiology in General	4	6	2	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	1	4	1
604			Pharmacology in General	13	4	9	0
605			Medical Chemistry in General	4	7	0	2
606			Pathological Medical Chemistry	1	13	3	0
	M		Physiology total	25	34	24	6
611			Hominal Pathology	6	2	2	0
612	E		Experimental Pathology	1	5	1	0
613	D		Parasitology (inclu. Medical Zoology)	1	2	1	1
614			Bacteriology (inclu. Eumycetes)	6	4	6	1
615	I		Virology	2	0	1	1
616			Immunology	5	11	5	2
	C		Pathology total	21	24	16	5
621			Hygiene	8	1	10	6
622	I		Public Health and Health Science	14	14	6	12
623			Legal Medicine	1	4	1	0
	N		Social Medicine total	23	19	17	18
631			Internal Medicine in General	6	17	1	1
632	E		Gastroenterology	1	14	13	1
633			Internal Medicine Respiratory System	2	5	1	1
634			Neurological Medicine	3	5	1	3
635			Cardioangiopathy	14	24	25	9
636			Pediatrics	14	6	13	3
637			Dermatology	10	1	4	0
638			Radiology	7	12	5	3
639			Neuropsychiatry	13	15	3	5
641			Hematology	9	6	6	3
642			Internal Medicine of Kidney	6	28	0	2
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	2	0	0
			Internal Medicine total	87	135	73	31
651			Surgery in General	16	7	3	0
652			Gastroenterological Surgery	17	7	3	0
653			Thoracic Surgery	3	0	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	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	59	16	42	142
521			Forestry	5	1	16	25
522	G		Wood Science	1	0	0	1
			Forestry total	6	1	16	26
531	R		Fisheries in General	23	2	15	57
532			Fisheries Chemistry	4	0	2	9
			Fisheries total	27	2	17	66
541	I		Agricultural Economics	5	0	1	11
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	4	10	15
552	U		Agricultural Machinery	7	0	1	8
553	L		Biological Environment	0	3	0	3
			Agricultural Engineering total	7	7	11	26
561	T		Animal Science and Grassland Science	1	0	0	6
562	U		Applied Animal Science	3	1	1	9
563	R		Basic Veterinary Medicine and Basic Animal Science	13	1	2	20
564			Applied Veterinary Medicine	9	0	1	21
	E		Animal Science·Veterinary Medicine total	26	2	4	56
571			Biological Resource Science	6	0	1	7
572			Applied Molecular Cell Biology	11	1	2	16
			Interdisciplinary Agricultural Science total	17	1	3	23
			AGRICULTURE Total	166	34	103	396
601			Anatomy in General (inclu. Histology, Embryology)	25	3	16	58
602			Physiology in General	27	5	27	71
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	20	5	26	58
604			Pharmacology in General	18	9	77	130
605			Medical Chemistry in General	13	23	10	59
606			Pathological Medical Chemistry	8	1	3	29
	M		Physiology total	111	46	159	405
611			Hominal Pathology	9	4	38	61
612	E		Experimental Pathology	8	1	23	39
613	D		Parasitology (inclu.Medical Zoology)	15	0	2	22
614			Bacteriology (inclu. Eumycetes)	32	4	9	62
615	I		Virology	5	3	1	13
616			Immunology	11	4	32	70
			Pathology total	80	16	105	267
621	C		Hygiene	19	8	38	90
622	I		Public Health and Health Science	36	16	50	148
623			Legal Medicine	7	1	14	28
			Social Medicine total	62	25	102	266
631	N		Internal Medicine in General	24	10	20	79
632	E		Gastroenterology	14	8	61	112
633			Internal Medicine Respiratory System	29	3	31	72
634			Neurological Medicine	21	2	23	52
635			Cardioangiolog	33	13	83	201
636			Pediatrics	26	5	59	126
637			Dermatology	5	4	8	32
638			Radiology	50	23	21	121
639			Neuropsychiatry	9	4	41	90
641			Hematology	47	6	15	92
642			Internal Medicine of Kidney	11	1	27	75
643			Embryology and Newborn	0	0	4	5
644			Endocrinology	1	1	8	12
645			Metabolic Science	3	3	32	40
			Internal Medicine total	273	83	433	1,109
651			Surgery in General	19	1	67	113
652			Gastroenterological Surgery	42	3	20	92
653			Thoracic Surgery	14	0	15	32

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	17	10	4	0
655			Orthopedic Surgery	3	10	5	2
656			Anesthesiology and Rescue Medicine	0	0	5	0
657			Urology	9	3	0	0
658			Obstetrics and Gynecology	2	5	1	0
659			Oto-rhino-laryngology	8	5	1	0
660			Ophthalmology	0	4	0	5
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	2	1	1	1
			Surgery total	77	52	23	8
671	E		Oral Anatomy and Morphological Basic Dentistry	3	3	5	1
672	D		Functional Basic Dentistry	0	0	6	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	1	6	0
674	C		Conservative Dentistry	2	7	4	0
675			Prosthodontics and Dental Technology	4	10	14	2
676	I		Oral Surgery	1	7	11	1
677	N		Orthodontics, Pedodontics and Social Dentistry	5	7	11	1
678			Periodontological Dentistry	0	5	1	0
	E		Dentistry total	18	40	58	5
681			Chemical Pharmaceutics	7	6	7	1
682			Physical Pharmaceutics	14	25	5	3
683			Biopharmaceutics	19	15	3	2
684			Molecular Pharmaceutics	4	2	2	6
685			Environmental Pharmaceutics	2	2	0	0
		Pharmaceutics total	46	50	17	12	
691			Medical Sociology	3	1	3	0
692			Human Genetics	4	0	6	1
693			Applied Pharmacology and Medical Pharmacology	0	0	2	2
694			Pathological Examination	7	0	12	0
696			Science of Basic and Local Nursing	1	0	2	1
697			Science of Clinical Nursing	0	0	10	0
			Medicine in General total	15	1	35	4
		MEDICINE Total	312	355	263	89	
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	1	2
703			Physical Education	9	7	7	1
704			Human Geography	3	7	0	0
705			Physical Geography	0	3	1	1
			Geography total	3	10	1	1
706			Home Science(inclu. Cloth/Living Environments)	6	4	2	0
707			Food Culture	3	7	1	0
			Domestic Science total	9	11	3	0
708			Science of Cultural Property	3	1	0	0
711			Science Education	0	1	2	0
712	A R E A		Educational Engineering	1	1	8	0
713			Curriculum Studies	2	6	5	0
714			Japanese Language Education	4	2	2	2
			Science Education·Curriculum Education total	7	10	17	2
721	Statistics	9	2	6	0		
731	I		Computer Science	22	13	29	8
732			Intelligent Informatics	1	5	28	9
733		Study of Information System (Inclu. Library and Information Science)	1	5	8	4	
		Information Science total	24	23	65	21	
741		Social System Engineering	13	2	12	7	
751		Natural Disaster Science	0	2	0	6	
761		Plasma Science and Technology	0	0	1	0	
772		Nuclear Fusion	0	0	1	0	

Table 50. Total Number of Times Speaking 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	31	6	52	120
655			Orthopedic Surgery	30	15	58	123
656			Anesthesiology and Rescue Medicine	33	1	24	63
657			Urology	21	9	62	104
658			Obstetrics and Gynecology	8	9	60	85
659			Oto-rhino-laryngology	12	1	24	51
660			Ophthalmology	15	4	33	61
661			Pediatric Surgery	2	0	8	10
662			Formative Surgery	12	1	17	35
			Surgery total	239	50	440	889
671	E		Oral Anatomy and Morphological Basic Dentistry	64	4	17	97
672	D		Functional Basic Dentistry	33	1	7	47
673	I		Morbid Dentistry (inclu. Dental Radiology)	40	3	13	66
674	C		Conservative Dentistry	50	3	22	88
675			Prosthodontics and Dental Technology	124	1	46	201
676	I		Oral Surgery	56	4	24	104
677	N		Orthodontics, Pedodontics and Social Dentistry	59	2	30	115
678			Periodontological Dentistry	11	2	4	23
	E		Dentistry total	437	20	163	741
681			Chemical Pharmaceuticals	65	5	9	100
682			Physical Pharmaceuticals	61	22	15	145
683			Biopharmaceutics	140	9	15	203
684			Molecular Pharmaceuticals	28	3	10	55
685			Environmental Pharmaceuticals	27	0	4	35
			Pharmaceutics total	321	39	53	538
691			Medical Sociology	7	2	4	20
692			Human Genetics	25	5	15	56
693			Applied Pharmacology and Medical Pharmacology	20	5	34	63
694			Pathological Examination	11	1	13	44
696			Science of Basic and Local Nursing	9	0	3	16
697			Science of Clinical Nursing	9	0	15	34
			Medicine in General total	81	13	84	233
			MEDICINE Total	1,604	292	1,539	4,448
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	10
703			Physical Education	40	8	49	121
704			Human Geography	8	0	8	26
705			Physical Geography	3	0	6	14
			Geography total	11	0	14	40
706			Home Science(inclu. Cloth/Living Environments)	16	4	11	43
707			Food Culture	20	2	13	46
			Domestic Science total	36	6	24	89
708			Science of Cultural Property	0	0	0	4
711			Science Education	4	1	15	23
712	A R E A		Educational Engineering	41	3	19	73
713			Curriculum Studies	19	0	34	66
714			Japanese Language Education	12	13	13	48
			Science Education·Curriculum Education total	76	17	81	210
721			Statistics	37	0	12	66
731			Computer Science	97	16	28	213
732			Intelligent Informatics	154	27	27	251
733			Study of Information System (Inclu. Library and Information Science)	68	12	37	135
			Information Science total	319	55	92	599
741			Social System Engineering	48	13	19	114
751	I		Natural Disaster Science	2	8	3	21
761			Plasma Science and Technology	9	3	1	14
772			Nuclear Fusion	2	0	22	25

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	Nuclear Energy Research Division		Energy Science General	7	0	1	4
774			Nuclear Power Science	0	2	1	0
			Energy total	7	2	3	4
801	Environmental Science		Environmental Dynamic Analysis	6	3	2	3
802			Environmental Influence Assessment (inclu. Radiobiology)	2	2	1	0
803			Environmental Preservation	9	5	0	5
			Environmental Science total	17	10	3	8
811	Biological Chemistry		Biological Organic Chemistry	0	0	3	0
812			Structured Biochemistry	2	2	1	0
813			Functional Biochemistry	1	8	5	0
			Biological Chemistry total	3	10	9	0
821	Basic Biology		Biophysics	1	0	10	0
822			Molecular Biology	10	6	9	3
823			Cell Biology	2	4	11	2
824			Developmental Biology	0	0	3	0
			Basic Biology total	13	10	33	5
831	Neuroscience		Neuroanatomy and Neuropathology	2	0	3	6
832			Neurochemistry and Neuropharmacology	5	0	5	4
833			Neuro Science in General	9	4	18	22
834			Neuro and Muscular Physiology	4	6	8	3
			Neuro Science (inclu. Brain Science) total	20	10	34	35
841			Laboratory Animal Science	0	0	1	0
851			Medical Organism Engineering and Material Science of Organism	4	11	21	6
	INTERDISCIPLINARY AREA Total			142	121	217	98
999	WIDE AREA Total			26	61	16	17
	Item n.a. Total			389	502	516	130
	Grand Total			1,664	1,808	1,749	564

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	Nuclear Energy Research Division		Energy Science General	7	8	11	38
774			Nuclear Power Science	3	1	1	8
			Energy total	12	9	34	71
801	Environmental Science		Environmental Dynamic Analysis	18	5	7	44
802			Environmental Influence Assessment (inclu. Radiobiology)	5	2	3	15
803			Environmental Preservation	33	13	7	72
			Environmental Science total	56	20	17	131
811	Biological Chemistry		Biological Organic Chemistry	11	1	3	18
812			Structured Biochemistry	13	4	4	26
813			Functional Biochemistry	22	0	23	59
			Biological Chemistry total	46	5	30	103
821	Basic Biology		Biophysics	36	2	3	52
822			Molecular Biology	32	5	8	73
823			Cell Biology	13	2	7	41
824			Developmental Biology	2	5	0	10
			Basic Biology total	83	14	18	176
831	Neuroscience		Neuroanatomy and Neuropathology	7	2	10	30
832			Neurochemistry and Neuropharmacology	24	2	3	43
833			Neuro Science in General	22	11	39	125
834			Neuro and Muscular Physiology	17	3	14	55
			Neuro Science (inclu. Brain Science) total	70	18	66	253
841			Laboratory Animal Science	2	0	2	5
851			Medical Organism Engineering and Material Science of Organism	54	8	26	130
	INTERDISCIPLINARY AREA Total			905	185	489	2,157
999	WIDE AREA Total			58	17	43	238
	Item n.a. Total			2,335	477	1,608	5,957
	Grand Total			8,286	1,733	4,954	20,747

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	484	385	78	9	4	184	1	19	147	631
212			Chinese Philosophy	109	31	2	0	0	0	104	3	53	162
213			Indian Philosophy (inclu. Buddhist Studies)	189	182	7	0	0	15	11	11	132	321
214			Religion	285	241	21	5	1	69	0	29	64	349
215			Ethics	120	111	5	4	0	37	1	3	40	160
216			History of Philosophy	179	135	25	6	5	50	8	19	81	260
217			Aesthetics (inclu. Arts)	877	710	79	13	3	163	22	80	1,164	2,041
218			Art History	226	184	32	7	1	20	21	37	103	329
			Philosophy total	2,469	1,979	249	44	14	538	168	201	1,784	4,253
221			Experimental Psychology	485	484	5	1	1	7	0	3	87	572
222			Educational and Social	1,511	1,496	14	6	5	29	6	16	535	2,046
223			Sociology	1,401	1,348	62	14	4	46	33	61	798	2,199
224			Education	1,379	1,307	46	13	11	110	24	47	747	2,126
225			Cultural Anthropology (inclu. Ethnology and Folklore)	446	400	26	23	3	8	30	64	100	546
			Psychology·Sociology·Education Cultural Anthropology total	5,222	5,035	153	57	24	200	93	191	2,267	7,489
231			Japanese History	227	205	5	0	2	10	13	23	473	700
232			Oriental History	329	193	6	0	3	2	171	69	85	414
233			European History	452	371	53	39	20	73	1	45	90	542
234			Archaeology (inclu. Prehistory)	155	139	4	2	5	5	14	14	73	228
			History total	1,163	908	68	41	30	90	199	151	721	1,884
241			Japanese Language	155	140	2	1	0	3	16	15	268	423
242			Japanese Literature	332	274	14	2	3	13	48	39	948	1,280
243			Chinese Language and Literature	332	59	1	0	0	1	325	12	92	424
244			English Language and Literature	2,440	2,432	45	11	3	16	3	51	346	2,786
245			French Language and Literature	542	223	380	4	18	26	0	10	78	620
246			German Language and Literature	513	113	4	16	0	490	0	6	72	585
247			Other Foreign Languages and Literatures	449	299	13	77	76	9	7	146	45	494
248			Linguistics and Phonetics	1,081	1,015	63	34	9	44	31	82	135	1,216
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	244	198	42	2	7	27	17	33	72	316
			Literature total	6,088	4,753	564	147	116	629	447	394	2,056	8,144
			ARTS·HUMANITIES Total	14,942	12,675	1,034	289	184	1,457	907	937	6,828	21,770
261	L A W		Basic Science of Law	223	182	18	4	3	50	14	11	75	298
262			Public Law	284	234	32	1	0	79	4	4	152	436
263			International Law	214	208	20	4	5	16	5	11	41	255
264			Civil Law	482	382	51	7	1	155	16	10	242	724
265			Social Law	123	110	7	2	1	23	1	1	51	174
266			Criminal Law	139	103	7	1	1	56	4	5	61	200
267			Politics	767	711	52	12	22	50	46	51	186	953
			LAW Total	2,232	1,930	187	31	33	429	90	93	808	3,040
271	E C O N O M I C S		General Theory of Economics	829	810	28	5	12	40	19	22	202	1,031
272			Economical Statistics	145	145	4	2	2	3	4	1	47	192
273			Economic Policy (inclu. Economic Condition)	887	841	20	14	16	26	45	51	256	1,143
274			Economic History	304	278	24	7	8	35	11	18	100	404
275			Public Finance, Money and Banking	370	364	5	2	4	17	5	7	127	497
276			Commercial Science	326	319	8	4	0	9	10	12	134	460
277			Business Administration	879	855	13	4	1	45	24	38	364	1,243
278			Accounting	435	423	10	1	1	35	3	8	206	641
			ECONOMICS Total	4,175	4,035	112	39	44	210	121	157	1,436	5,611
301	S C I E N C E		Algebra	396	395	15	2	1	2	0	0	77	473
302			Geometry	321	320	9	1	2	2	0	2	80	401
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	489	488	10	0	0	4	3	1	105	594
305			Basic Analysis	342	341	14	0	2	2	1	1	55	397
306			Larger-area Analysis	164	164	8	1	0	1	0	0	17	181
			Mathematics total	1,712	1,708	56	4	5	11	4	4	334	2,046
311			Astronomy	189	189	2	0	0	0	0	0	24	213
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	691	691	6	0	1	6	1	0	81	772

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)	364	364	2	0	2	3	3	4	43	407
323			Solid-State Physics II (Magnetism, Metal Physics,	397	397	4	1	0	4	1	0	54	451
324			Physical Properties in General (inclu. Basic Theories)	279	279	1	0	1	2	0	0	36	315
325			Physics in General	267	266	3	1	0	4	0	0	52	319
			Physics total	1,998	1,997	16	2	4	19	5	4	266	2,264
331			Physics of Solid Earth	207	207	0	0	0	0	2	0	20	227
332			Meteorology, Oceanography and Hydrology	252	251	0	1	2	1	2	3	36	288
333			Aeronomy	75	75	0	0	0	0	0	0	5	80
334			Geology	158	158	1	0	1	1	1	0	17	175
335			Stratigraphy and Paleontology	75	75	0	0	0	0	0	1	12	87
336			Mineralogy, Petrology and Study of Mineral Deposit	174	174	4	2	0	5	1	0	15	189
337			Geochemistry	106	106	0	1	1	0	1	1	20	126
			Earth Science total	1,047	1,046	5	4	4	7	7	5	125	1,172
341			Physical Chemistry	521	521	1	0	1	3	1	1	74	595
342			Organic Chemistry	430	430	1	0	0	2	1	1	84	514
343			Inorganic Chemistry	267	267	0	1	0	0	0	0	36	303
344			Function, Properties and Materials in Chemistry	231	231	2	0	0	0	0	1	25	256
345			Substance Transformation	59	58	0	0	0	0	1	1	6	65
346			Separation, Refining and Identification	165	165	0	1	0	0	1	0	25	190
			Chemistry total	1,673	1,672	4	2	1	5	4	4	250	1,923
351			Genetics	205	205	0	1	0	0	1	1	35	240
352			Ecology	385	384	2	2	0	2	2	4	55	440
353			Plant Physiology	238	237	2	0	0	1	3	2	36	274
354			Morphology, Structure of Organism	147	146	0	0	0	3	1	0	20	167
355			Animal Physiology and	148	148	0	0	0	1	0	0	17	165
356			Morphology and Taxonomy	202	202	0	1	1	3	0	0	24	226
			Biology total	1,325	1,322	4	4	1	10	7	7	187	1,512
361			Physical Anthropology (inclu. Physiological Anthropology)	96	95	3	2	0	2	1	1	11	107
			SCIENCE Total	8,040	8,029	90	18	15	54	28	25	1,197	9,237
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	234	234	2	0	0	4	2	2	20	254
402			Surface Physics	145	145	0	0	1	0	0	1	17	162
403			Applied Optics and Quantum Optics	245	245	2	0	0	1	0	1	31	276
404			General Applied Physics	141	141	0	0	0	0	0	0	24	165
405			Fundamentals of Engineering	92	92	1	0	0	1	0	0	18	110
			Applied Physics·Fundamentals of Engineering total	857	857	5	0	1	6	2	4	110	967
411			Materials for Machines and Strength of Materials	421	421	0	0	0	3	5	3	64	485
412			Workshop Processes and Production Engineering	311	311	0	0	1	3	6	2	67	378
413			Design Engineering, Machine Elements and Tribology	213	212	1	0	0	1	2	2	51	264
414			Fluid Mechanics	408	408	1	0	0	6	4	2	66	474
415			Heat Engineering	381	381	1	0	0	3	4	2	72	453
416			Mechanics and Control Engineering	284	284	0	0	1	2	3	2	63	347
417			Intelligent Mechanics and Machine System	367	365	1	1	0	1	4	5	57	424
			Machine Engineering total	2,385	2,382	4	1	2	19	28	18	440	2,825
421			Electric Power Engineering and Electric Machinery	422	422	0	1	0	3	1	1	65	487
422			Electronic and Electric Materials Engineering	439	439	0	1	0	5	6	5	45	484
423			Electron Devices and Apparatus Engineering	469	469	2	1	0	0	2	1	59	528
424			Information and Communication Engineering	908	908	2	3	2	2	7	3	154	1,062

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	201	201	2	0	0	0	2	3	33	234
427			Electronic Measurements	335	335	2	0	0	0	2	2	35	370
428			Control Engineering	318	318	1	0	1	2	6	2	45	363
			Electric and Electronic Engineering	3,092	3,092	9	6	3	12	26	17	436	3,528
431			Construction Materials and Dynamics in General Civil Engineering	161	160	1	0	0	1	2	2	32	193
432			Structural Engineering and Seismology	255	253	0	2	0	6	4	1	33	288
433			Ground Engineering	238	237	1	0	0	0	4	2	37	275
434			Hydraulics and River Engineering	254	254	0	1	1	1	3	6	32	286
435			Traffic Engineering and Regional Planning	211	211	0	2	0	0	0	2	28	239
436			Civil Environmental System	198	198	2	2	0	1	2	5	32	230
			Civil Engineering total	1,317	1,313	4	7	1	9	15	18	194	1,511
441			Building Structure and Materials	373	373	0	2	0	0	2	4	81	454
442			Building Science and Building Equipment	225	225	0	1	0	2	1	1	32	257
443			City Planning and Building Planning	519	513	8	1	1	7	10	18	171	690
444			Architectural History and Design	187	177	12	2	2	5	5	10	129	316
			Architecture total	1,304	1,288	20	6	3	14	18	33	413	1,717
451			Physical Metallurgy	162	162	0	0	1	1	0	0	27	189
452			Inorganic Materials and	256	256	0	0	0	1	3	3	48	304
453			Composed Materials and Properties	82	81	0	1	0	0	0	1	18	100
454			Structural and Functional Materials	200	199	1	0	0	4	1	2	23	223
455			Metallurgy and Material	228	228	2	1	0	1	3	3	39	267
456			Metal Productive Engineering	88	88	0	1	0	0	1	0	16	104
			Material Engineering total	1,016	1,014	3	3	1	7	8	9	171	1,187
461			Chemical Engineering in General	192	192	1	0	1	0	1	0	26	218
462			Reaction and Separation Engineering	113	113	0	1	0	1	0	0	13	126
463			Catalyst and Chemical Process	107	107	0	0	0	0	1	0	6	113
464			Bioengineering	222	221	0	0	0	3	1	1	33	255
465			Industrial Analytical Chemistry	110	110	0	0	0	0	2	0	24	134
			Process Engineering total	744	743	1	1	1	4	5	1	102	846
471			Industrial Physical Chemistry	157	157	0	0	0	1	0	0	19	176
472			Industrial Inorganic Chemistry	85	85	0	0	0	0	0	0	16	101
473			Industrial Organic Chemistry	76	76	0	0	0	0	0	0	15	91
474			Synthetic Chemistry	216	215	1	0	0	1	0	1	31	247
475			Polymer Synthesis	169	169	0	0	0	1	1	0	32	201
476			Polymer Structure and Property (inclu. Fiber)	205	205	2	0	1	0	1	3	28	233
			Industrial Chemistry total	908	907	3	0	1	3	2	4	141	1,049
481			Aeronautics	111	111	0	0	0	0	1	1	17	128
482			Ship Engineering	90	90	0	0	0	1	0	3	20	110
483			Marine Engineering	37	37	0	0	0	0	0	0	6	43
484			Resource Development Engineering	85	85	0	0	0	1	1	0	7	92
			Synthetic Engineering total	323	323	0	0	0	2	2	4	50	373
			ENGINEERING Total	11,946	11,919	49	24	13	76	106	108	2,057	14,003
501	A G R I C U L T U R E		Plant Breeding	112	111	1	0	0	1	0	1	18	130
502			Crop Science	96	96	0	0	0	1	0	3	14	110
503			Horticulture and Landscape Architecture	248	243	3	1	1	3	2	8	65	313
504			Plant Protection	151	151	1	0	0	0	2	0	22	173
505			Sericultural Science and Economic Entomology	47	47	0	0	0	0	0	0	23	70
			Agriculture total	654	648	5	1	1	5	4	12	142	796
511			Plant Fertilizer and Manure and Soil Science	133	133	0	0	0	0	0	2	19	152
512			Applied Microbiochemistry and Applied Biochemistry	397	397	5	0	0	1	3	4	84	481
513			Biological Productive Chemistry and Bioorganic Chemistry	130	130	0	0	0	1	0	1	18	148
514			Food Science and Nutritional Chemistry	440	440	2	2	0	3	4	3	164	604

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	1,100	1,100	7	2	0	5	7	10	285	1,385
521			Forestry	241	241	1	1	0	5	0	0	39	280
522	G		Wood Science	141	141	1	0	0	2	1	0	22	163
			Forestry total	382	382	2	1	0	7	1	0	61	443
531	R		Fisheries in General	257	257	2	3	0	0	0	4	44	301
532			Fisheries Chemistry	90	90	0	0	0	0	0	0	20	110
			Fisheries total	347	347	2	3	0	0	0	4	64	411
541	I		Agricultural Economics	202	192	0	1	0	3	13	14	95	297
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	147	147	0	0	0	2	0	1	27	174
552	U		Agricultural Machinery	99	99	0	0	0	1	1	1	15	114
553	L		Biological Environment	49	49	0	0	0	1	1	0	10	59
			Agricultural Engineering total	295	295	0	0	0	4	2	2	52	347
561	T		Animal Science and Grassland Science	130	129	0	0	0	0	1	1	17	147
562	U		Applied Animal Science	123	121	0	2	0	3	1	0	24	147
563	R		Basic Veterinary Medicine and Basic Animal Science	197	196	3	1	0	2	2	3	37	234
564			Applied Veterinary Medicine	195	194	0	2	0	1	1	8	39	234
	E		Animal Science·Veterinary Medicine total	645	640	3	5	0	6	5	12	117	762
571			Biological Resource Science	58	58	1	1	0	0	1	2	6	64
572			Applied Molecular Cell Biology	64	64	0	0	0	0	1	0	10	74
			Interdisciplinary Agricultural Science total	122	122	1	1	0	0	2	2	16	138
			AGRICULTURE Total	3,747	3,726	20	14	1	30	34	56	832	4,579
601			Anatomy in General (inclu. Histology, Embryology)	308	308	2	2	0	9	3	1	43	351
602			Physiology in General	312	312	2	0	0	1	2	1	58	370
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	221	221	2	1	0	6	1	1	34	255
604			Pharmacology in General	258	257	0	0	1	3	1	1	24	282
605			Medical Chemistry in General	256	256	0	0	0	0	1	1	32	288
606			Pathological Medical Chemistry	125	125	0	0	0	1	0	1	22	147
	M		Physiology total	1,480	1,479	6	3	1	20	8	6	213	1,693
611			Hominal Pathology	365	365	0	0	0	5	5	2	65	430
612	E		Experimental Pathology	183	183	0	1	0	1	2	1	29	212
613	D		Parasitology (inclu. Medical Zoology)	132	132	1	3	0	2	1	2	13	145
614			Bacteriology (inclu. Eumycetes)	234	234	1	1	1	0	4	3	39	273
615	I		Virology	168	167	0	0	0	2	2	2	33	201
616			Immunology	282	282	0	0	0	0	1	1	54	336
	C		Pathology total	1,364	1,363	2	5	1	10	15	11	233	1,597
621			Hygiene	216	215	1	2	1	3	2	1	40	256
622	I		Public Health and Health Science	581	579	6	4	0	5	3	4	214	795
623			Legal Medicine	172	171	0	0	0	8	2	0	17	189
	N		Social Medicine total	969	965	7	6	1	16	7	5	271	1,240
631			Internal Medicine in General	394	394	1	0	0	3	0	3	77	471
632	E		Gastroenterology	455	455	1	1	0	1	1	1	87	542
633			Internal Medicine Respiratory System	229	229	0	0	0	1	0	0	28	257
634			Neurological Medicine	288	288	2	0	0	2	2	1	37	325
635			Cardioangiology	490	489	1	0	0	3	2	1	104	594
636			Pediatrics	448	448	0	0	0	0	0	0	98	546
637			Dermatology	254	254	1	0	0	2	2	0	71	325
638			Radiology	549	549	3	0	0	3	3	3	112	661
639			Neuropsychiatry	412	411	10	0	0	14	3	1	99	511
641			Hematology	330	330	0	0	0	2	0	0	39	369
642			Internal Medicine of Kidney	207	207	1	0	0	0	0	0	30	237
643			Embryology and Newborn	38	38	0	0	0	0	0	0	7	45
644			Endocrinology	170	170	1	0	0	0	0	0	19	189
645			Metabolic Science	193	193	0	1	0	0	1	0	35	228
			Internal Medicine total	4,457	4,455	21	2	0	31	14	10	843	5,300
651			Surgery in General	396	395	2	0	0	3	1	1	66	462
652			Gastroenterological Surgery	388	388	1	0	0	2	0	1	63	451
653			Thoracic Surgery	286	286	2	0	0	2	0	0	59	345

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	320	320	2	0	0	2	1	0	51	371
655			Orthopedic Surgery	560	559	5	0	0	5	1	2	102	662
656			Anesthesiology and Rescue Medicine	397	397	1	0	0	2	1	0	89	486
657			Urology	287	287	0	0	0	4	2	0	59	346
658			Obstetrics and Gynecology	364	364	2	0	0	2	1	1	75	439
659			Oto-rhino-laryngology	261	261	1	1	0	3	2	1	77	338
660			Ophthalmology	295	295	1	1	0	1	1	0	49	344
661			Pediatric Surgery	71	71	0	0	0	2	0	0	8	79
662			Formative Surgery	81	81	0	0	0	0	0	0	29	110
			Surgery total	3,706	3,704	17	2	0	28	10	6	727	4,433
671	E		Oral Anatomy and Morphological Basic Dentistry	242	242	1	1	0	1	2	2	66	308
672	D		Functional Basic Dentistry	193	193	2	0	1	2	0	2	43	236
673	I		Morbid Dentistry (inclu. Dental Radiology)	180	180	0	0	0	0	1	1	56	236
674	C		Conservative Dentistry	303	303	0	0	0	1	4	0	128	431
675			Prosthodontics and Dental Technology	438	438	0	1	0	5	3	3	188	626
676	I		Oral Surgery	527	527	0	0	0	7	0	0	178	705
677	N		Orthodontics, Pedodontics and Social Dentistry	465	465	0	1	0	4	2	6	210	675
678			Periodontological Dentistry	120	120	0	0	0	1	1	0	56	176
	E		Dentistry total	2,468	2,468	3	3	1	21	13	14	925	3,393
681			Chemical Pharmaceuticals	421	421	1	0	0	4	2	0	75	496
682			Physical Pharmaceuticals	186	186	0	0	0	1	0	0	33	219
683			Biopharmaceutics	477	477	1	1	0	0	5	3	81	558
684			Molecular Pharmaceutics	144	144	0	0	0	0	0	0	24	168
685			Environmental Pharmaceutics	58	58	0	0	0	0	1	0	12	70
			Pharmaceutics total	1,286	1,286	2	1	0	5	8	3	225	1,511
691			Medical Sociology	199	196	4	1	0	4	0	1	52	251
692			Human Genetics	115	115	1	0	0	0	0	0	24	139
693			Applied Pharmacology and Medical Pharmacology	150	149	0	0	0	1	2	1	19	169
694			Pathological Examination	155	155	0	0	0	0	1	0	36	191
696			Science of Basic and Local Nursing	352	351	0	2	0	2	0	2	401	753
697			Science of Clinical Nursing	431	430	2	0	0	1	0	2	489	920
			Medicine in General total	1,402	1,396	7	3	0	8	3	6	1,021	2,423
			MEDICINE Total	17,132	17,116	65	25	4	139	78	61	4,458	21,590
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)	119	117	5	1	0	8	2	3	26	145
703			Physical Education	1,033	1,008	1	7	1	49	5	10	866	1,899
704			Human Geography	228	221	8	2	3	6	6	11	74	302
705			Physical Geography	126	126	1	3	0	2	1	2	27	153
			Geography total	354	347	9	5	3	8	7	13	101	455
706			Home Science(inclu. Cloth/Living Environments)	365	361	7	2	1	2	7	3	405	770
707			Food Culture	265	263	1	0	0	1	0	1	306	571
			Domestic Science total	630	624	8	2	1	3	7	4	711	1,341
708			Science of Cultural Property	29	29	1	0	0	0	0	1	8	37
711			Science Education	202	201	3	1	0	3	3	3	58	260
712	A R E A		Educational Engineering	304	301	0	0	0	5	0	3	104	408
713			Curriculum Studies	704	682	9	3	1	28	5	11	502	1,206
714			Japanese Language Education	160	143	3	3	0	2	12	18	86	246
			Science Education·Curriculum Education total	1,370	1,327	15	7	1	38	20	35	750	2,120
721			Statistics	125	125	1	0	0	3	1	0	30	155
731			Computer Science	766	765	3	0	2	1	5	4	178	944
732			Intelligent Informatics	776	775	3	0	1	2	7	10	87	863
733			Study of Information System (Inclu. Library and Information Science)	512	510	9	2	0	7	7	9	208	720
			Information Science total	2,054	2,050	15	2	3	10	19	23	473	2,527
741			Social System Engineering	379	379	2	0	1	4	4	3	44	423
751	I		Natural Disaster Science	49	49	0	0	0	0	0	0	2	51
761			Plasma Science and Technology	167	167	0	0	0	1	0	0	16	183
772			Nuclear Fusion	55	55	1	0	0	1	0	0	4	59

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	83	83	0	0	0	1	0	1	9	92
774			Nuclear Power Science	142	141	0	0	1	0	0	1	13	155
			Energy total	280	279	1	0	1	2	0	2	26	306
801			Environmental Dynamic Analysis	163	163	1	0	0	0	1	0	30	193
802			Environmental Influence Assessment (inclu. Radiobiology)	176	175	1	0	0	1	1	0	29	205
803			Environmental Preservation	269	268	2	0	0	3	3	2	38	307
			Environmental Science total	608	606	4	0	0	4	5	2	97	705
811			Biological Organic Chemistry	168	168	0	0	0	0	1	0	18	186
812			Structured Biochemistry	157	157	0	0	1	1	0	0	18	175
813			Functional Biochemistry	222	222	0	0	0	0	2	0	33	255
			Biological Chemistry total	547	547	0	0	1	1	3	0	69	616
821			Biophysics	216	216	0	0	1	0	0	0	31	247
822			Molecular Biology	495	495	1	1	1	2	0	0	83	578
823			Cell Biology	317	317	0	0	1	1	1	1	47	364
824			Developmental Biology	182	182	0	0	1	0	0	0	35	217
			Basic Biology total	1,210	1,210	1	1	4	3	1	1	196	1,406
831			Neuroanatomy and Neuropathology	138	138	2	0	0	1	2	2	15	153
832			Neurochemistry and Neuropharmacology	146	146	1	1	0	0	0	1	17	163
833			Neuro Science in General	283	283	3	2	1	3	1	0	44	327
834			Neuro and Muscular Physiology	201	200	4	1	1	4	3	0	29	230
			Neuro Science (inclu. Brain Science) total	768	767	10	4	2	8	6	3	105	873
841			Laboratory Animal Science	68	67	1	0	0	1	0	1	28	96
851			Medical Organism Engineering and Material Science of Organism	393	390	2	0	0	1	5	2	46	439
			INTERDISCIPLINARY AREA Total	10,183	10,088	76	29	18	144	85	103	3,594	13,777
999	WIDE AREA Total			1,329	1,227	41	12	12	82	27	62	900	2,229
	Item n.a. Total			36,250	34,821	716	161	139	1,134	744	621	44,192	80,442
	Grand Total			109,976	105,566	2,390	642	463	3,755	2,220	2,223	66,302	176,278

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
211	ARTS • HUMANITIES		Philosophy	505	408	89	10	3	232	1	20	126	631
212			Chinese Philosophy	113	31	1	0	0	0	104	2	49	162
213			Indian Philosophy (inclu. Buddhist Studies)	194	186	11	0	0	16	14	11	127	321
214			Religion	283	246	23	5	1	81	0	26	66	349
215			Ethics	127	116	7	4	0	47	2	3	33	160
216			History of Philosophy	182	144	26	6	5	54	10	19	78	260
217			Aesthetics (inclu. Arts)	778	667	78	11	5	150	21	54	1,263	2,041
218			Art History	223	189	36	6	1	19	18	34	106	329
			Philosophy total	2,405	1,987	271	42	15	599	170	169	1,848	4,253
221			Experimental Psychology	490	489	6	0	0	5	0	2	82	572
222			Educational and Social	1,500	1,494	19	6	5	40	5	12	546	2,046
223			Sociology	1,393	1,347	70	12	3	71	32	48	806	2,199
224			Education	1,375	1,317	44	14	15	142	24	35	751	2,126
225			Cultural Anthropology (inclu. Ethnology and Folklore)	438	397	32	21	2	10	34	50	108	546
			Psychology • Sociology • Education Cultural Anthropology total	5,196	5,044	171	53	25	268	95	147	2,293	7,489
231			Japanese History	220	202	5	0	1	8	14	17	480	700
232			Oriental History	326	198	6	0	4	2	175	64	88	414
233			European History	456	381	56	40	27	81	1	46	86	542
234			Archaeology (inclu. Prehistory)	151	139	5	2	5	5	17	11	77	228
			History total	1,153	920	72	42	37	96	207	138	731	1,884
241			Japanese Language	158	144	3	1	0	2	18	11	265	423
242			Japanese Literature	304	252	14	2	3	10	48	26	976	1,280
243			Chinese Language and Literature	327	66	1	0	0	1	321	11	97	424
244			English Language and Literature	2,446	2,444	51	9	4	21	3	30	340	2,786
245			French Language and Literature	545	247	387	5	18	26	0	8	75	620
246			German Language and Literature	523	178	6	17	2	499	0	5	62	585
247			Other Foreign Languages and Literatures	443	311	14	78	77	11	6	139	51	494
248			Linguistics and Phonetics	1,077	1,020	70	31	7	48	29	79	139	1,216
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	241	201	44	1	8	30	16	28	75	316
			Literature total	6,064	4,863	590	144	119	648	441	337	2,080	8,144
			ARTS • HUMANITIES Total	14,818	12,814	1,104	281	196	1,611	913	791	6,952	21,770
261	LAW		Basic Science of Law	225	189	19	3	2	59	13	12	73	298
262			Public Law	296	250	36	0	0	91	1	1	140	436
263			International Law	210	203	23	2	5	18	5	5	45	255
264			Civil Law	488	393	60	7	0	188	14	9	236	724
265			Social Law	124	109	10	2	1	29	1	1	50	174
266			Criminal Law	137	110	9	1	1	66	4	4	63	200
267			Politics	756	711	54	12	19	55	39	56	197	953
			LAW Total	2,236	1,965	211	27	28	506	77	88	804	3,040
271	ECONOMICS		General Theory of Economics	847	835	35	2	14	56	16	17	184	1,031
272			Economical Statistics	154	154	5	2	4	3	4	1	38	192
273			Economic Policy (inclu. Economic Condition)	899	860	27	10	18	45	39	51	244	1,143
274			Economic History	307	285	25	6	9	37	13	16	97	404
275			Public Finance, Money and Banking	374	367	7	1	1	22	2	7	123	497
276			Commercial Science	328	324	10	2	2	14	7	9	132	460
277			Business Administration	881	862	20	5	1	56	17	31	362	1,243
278			Accounting	446	437	21	1	1	50	5	6	195	641
			ECONOMICS Total	4,236	4,124	150	29	50	283	103	138	1,375	5,611
301	SCIENCE		Algebra	417	416	22	0	2	8	0	0	56	473
302			Geometry	345	345	14	1	2	4	0	0	56	401
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	510	510	12	0	0	7	2	1	84	594
305			Basic Analysis	357	357	26	0	2	8	1	1	40	397
306			Larger-area Analysis	166	166	13	1	1	0	0	0	15	181
			Mathematics total	1,795	1,794	87	2	7	27	3	2	251	2,046
311			Astronomy	193	193	2	0	0	1	0	0	20	213
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	709	709	2	2	2	9	0	0	63	772

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)	373	373	1	0	2	2	2	4	34	407
323			Solid-State Physics II (Magnetism, Metal Physics,	407	407	3	0	0	4	1	0	44	451
324			Physical Properties in General (inclu. Basic Theories)	284	284	1	0	1	3	0	0	31	315
325			Physics in General	272	272	2	0	0	2	0	0	47	319
			Physics total	2,045	2,045	9	2	5	20	3	4	219	2,264
331			Physics of Solid Earth	209	209	0	0	0	0	1	0	18	227
332			Meteorology, Oceanography and Hydrology	255	255	2	1	1	3	1	3	33	288
333			Aeronomy	75	75	0	0	0	0	0	0	5	80
334			Geology	158	158	1	0	1	1	1	0	17	175
335			Stratigraphy and Paleontology	76	76	1	0	0	2	0	2	11	87
336			Mineralogy, Petrology and Study of Mineral Deposit	175	175	1	3	0	1	0	0	14	189
337			Geochemistry	108	108	1	0	1	1	1	1	18	126
			Earth Science total	1,056	1,056	6	4	3	8	4	6	116	1,172
341			Physical Chemistry	535	535	3	0	1	2	0	0	60	595
342			Organic Chemistry	446	446	1	0	0	4	0	1	68	514
343			Inorganic Chemistry	274	274	2	1	0	2	0	0	29	303
344			Function, Properties and Materials in Chemistry	231	231	0	0	0	1	0	0	25	256
345			Substance Transformation	59	58	0	0	0	0	1	1	6	65
346			Separation, Refining and Identification	165	165	0	1	0	4	1	0	25	190
			Chemistry total	1,710	1,709	6	2	1	13	2	2	213	1,923
351			Genetics	205	205	0	1	1	0	1	1	35	240
352			Ecology	393	392	2	2	0	5	1	2	47	440
353			Plant Physiology	237	237	0	0	0	0	2	1	37	274
354			Morphology, Structure of Organism	152	152	1	0	0	4	0	0	15	167
355			Animal Physiology and	151	151	1	0	0	1	0	0	14	165
356			Morphology and Taxonomy	218	218	1	0	0	4	0	1	8	226
			Biology total	1,356	1,355	5	3	1	14	4	5	156	1,512
361			Physical Anthropology (inclu. Physiological Anthropology)	95	94	1	1	0	1	1	1	12	107
	SCIENCE Total			8,250	8,246	116	14	17	84	17	20	987	9,237
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	236	236	1	0	0	7	2	2	18	254
402			Surface Physics	149	149	0	0	1	1	0	0	13	162
403			Applied Optics and Quantum Optics	246	246	2	0	0	4	0	0	30	276
404			General Applied Physics	144	144	0	0	1	1	0	0	21	165
405			Fundamentals of Engineering	92	92	1	0	0	0	0	0	18	110
			Applied Physics·Fundamentals of Engineering total	867	867	4	0	2	13	2	2	100	967
411			Materials for Machines and Strength of Materials	424	424	1	0	0	8	4	2	61	485
412			Workshop Processes and Production Engineering	322	322	1	0	1	4	3	0	56	378
413			Design Engineering, Machine Elements and Tribology	220	220	1	0	0	1	2	2	44	264
414			Fluid Mechanics	413	413	0	0	1	8	2	2	61	474
415			Heat Engineering	386	386	0	0	0	6	2	1	67	453
416			Mechanics and Control Engineering	290	290	1	0	2	6	2	2	57	347
417			Intelligent Mechanics and Machine System	365	365	0	0	0	2	4	4	59	424
			Machine Engineering total	2,420	2,420	4	0	4	35	19	13	405	2,825
421			Electric Power Engineering and Electric Machinery	434	434	1	1	0	1	1	1	53	487
422			Electronic and Electric Materials Engineering	439	439	1	0	0	5	7	5	45	484
423			Electron Devices and Apparatus Engineering	471	470	1	0	0	2	2	1	57	528
424			Information and Communication Engineering	916	916	2	2	2	3	5	3	146	1,062

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	200	200	2	0	0	0	2	3	34	234
427			Electronic Measurements	338	338	1	0	0	2	0	3	32	370
428			Control Engineering	324	324	2	0	0	2	6	3	39	363
			Electric and Electronic Engineering	3,122	3,121	10	3	2	15	23	19	406	3,528
431			Construction Materials and Dynamics in General Civil Engineering	165	165	1	0	0	1	1	1	28	193
432			Structural Engineering and Seismology	255	252	1	0	0	11	4	3	33	288
433			Ground Engineering	239	238	1	0	0	0	4	1	36	275
434			Hydraulics and River Engineering	255	255	0	0	1	1	2	3	31	286
435			Traffic Engineering and Regional Planning	214	213	3	3	0	2	0	1	25	239
436			Civil Environmental System	201	201	3	1	0	1	2	4	29	230
			Civil Engineering total	1,329	1,324	9	4	1	16	13	13	182	1,511
441			Building Structure and Materials	387	387	1	1	0	4	2	1	67	454
442			Building Science and Building Equipment	230	230	1	1	0	4	1	1	27	257
443			City Planning and Building Planning	518	512	9	1	0	10	9	14	172	690
444			Architectural History and Design	190	181	15	1	2	6	5	7	126	316
			Architecture total	1,325	1,310	26	4	2	24	17	23	392	1,717
451			Physical Metallurgy	166	166	0	0	1	1	0	0	23	189
452			Inorganic Materials and	257	257	0	0	0	0	1	1	47	304
453			Composed Materials and Properties	86	85	0	0	0	0	0	1	14	100
454			Structural and Functional Materials	198	198	1	0	0	4	2	2	25	223
455			Metallurgy and Material	232	232	1	0	0	2	1	2	35	267
456			Metal Productive Engineering	87	87	0	1	0	0	1	0	17	104
			Material Engineering total	1,026	1,025	2	1	1	7	5	6	161	1,187
461			Chemical Engineering in General	193	193	1	0	0	0	2	0	25	218
462			Reaction and Separation Engineering	111	111	0	0	0	0	0	0	15	126
463			Catalyst and Chemical Process	108	108	0	0	0	0	0	0	5	113
464			Bioengineering	222	222	1	1	1	2	0	1	33	255
465			Industrial Analytical Chemistry	116	116	0	0	0	3	2	0	18	134
			Process Engineering total	750	750	2	1	1	5	4	1	96	846
471			Industrial Physical Chemistry	160	160	0	0	1	2	0	0	16	176
472			Industrial Inorganic Chemistry	86	86	0	0	0	0	0	0	15	101
473			Industrial Organic Chemistry	77	77	0	0	0	0	0	0	14	91
474			Synthetic Chemistry	221	221	1	0	0	2	0	0	26	247
475			Polymer Synthesis	177	177	0	0	0	5	0	0	24	201
476			Polymer Structure and Property (inclu. Fiber)	205	205	3	1	0	1	1	1	28	233
			Industrial Chemistry total	926	926	4	1	1	10	1	1	123	1,049
481			Aeronautics	114	114	1	0	0	0	0	0	14	128
482			Ship Engineering	91	91	0	0	0	1	0	4	19	110
483			Marine Engineering	37	37	0	0	0	0	0	0	6	43
484			Resource Development Engineering	85	85	0	1	0	1	1	0	7	92
			Synthetic Engineering total	327	327	1	1	0	2	1	4	46	373
			ENGINEERING Total	12,092	12,070	62	15	14	127	85	82	1,911	14,003
501	A G R I C U L T U R E		Plant Breeding	116	116	0	0	0	0	1	0	14	130
502			Crop Science	93	93	0	0	0	1	2	1	17	110
503			Horticulture and Landscape Architecture	254	252	3	1	0	5	3	3	59	313
504			Plant Protection	151	151	1	0	0	0	1	0	22	173
505			Sericultural Science and Economic Entomology	50	50	0	0	0	0	0	0	20	70
			Agriculture total	664	662	4	1	0	6	7	4	132	796
511			Plant Fertilizer and Manure and Soil Science	136	136	0	0	0	2	0	1	16	152
512			Applied Microbiochemistry and Applied Biochemistry	410	410	3	0	0	1	1	2	71	481
513			Biological Productive Chemistry and Bioorganic Chemistry	131	131	0	0	0	1	0	0	17	148
514			Food Science and Nutritional Chemistry	458	457	2	2	0	5	3	3	146	604

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	1,135	1,134	5	2	0	9	4	6	250	1,385
521			Forestry	244	243	3	1	2	13	0	0	36	280
522	G		Wood Science	141	141	1	0	0	3	1	0	22	163
			Forestry total	385	384	4	1	2	16	1	0	58	443
531	R		Fisheries in General	257	257	2	2	0	0	0	2	44	301
532			Fisheries Chemistry	93	93	0	0	0	0	0	0	17	110
			Fisheries total	350	350	2	2	0	0	0	2	61	411
541	I		Agricultural Economics	203	197	0	2	0	5	11	6	94	297
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	150	150	0	0	0	1	0	1	24	174
552	U		Agricultural Machinery	99	99	0	0	0	4	0	0	15	114
553	L		Biological Environment	47	47	0	0	0	2	0	0	12	59
			Agricultural Engineering total	296	296	0	0	0	7	0	1	51	347
561	T		Animal Science and Grassland Science	127	127	0	0	0	0	1	0	20	147
562	U		Applied Animal Science	124	124	0	0	0	2	0	0	23	147
563	R		Basic Veterinary Medicine and Basic Animal Science	199	198	4	1	0	3	1	2	35	234
564			Applied Veterinary Medicine	199	198	0	1	0	2	0	4	35	234
	E		Animal Science·Veterinary Medicine total	649	647	4	2	0	7	2	6	113	762
571			Biological Resource Science	58	58	1	1	0	0	1	1	6	64
572			Applied Molecular Cell Biology	63	63	0	0	0	0	1	0	11	74
			Interdisciplinary Agricultural Science total	121	121	1	1	0	0	2	1	17	138
			AGRICULTURE Total	3,803	3,791	20	11	2	50	27	26	776	4,579
601			Anatomy in General (inclu. Histology, Embryology)	311	311	3	2	0	6	4	2	40	351
602			Physiology in General	307	307	3	0	0	4	2	1	63	370
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	218	218	1	0	0	5	0	2	37	255
604			Pharmacology in General	258	258	1	0	1	5	1	0	24	282
605			Medical Chemistry in General	256	256	0	0	0	0	0	1	32	288
606			Pathological Medical Chemistry	125	125	0	0	0	1	0	1	22	147
	M		Physiology total	1,475	1,475	8	2	1	21	7	7	218	1,693
611			Hominal Pathology	372	372	1	0	0	6	5	1	58	430
612	E		Experimental Pathology	182	182	0	1	0	1	2	1	30	212
613	D		Parasitology (inclu. Medical Zoology)	134	134	1	3	0	1	1	0	11	145
614			Bacteriology (inclu. Eumycetes)	240	240	2	0	1	1	2	2	33	273
615	I		Virology	164	164	0	0	0	1	1	1	37	201
616			Immunology	279	279	1	0	0	0	1	0	57	336
	C		Pathology total	1,371	1,371	5	4	1	10	12	5	226	1,597
621			Hygiene	216	215	0	2	1	1	2	1	40	256
622	I		Public Health and Health Science	578	578	1	2	0	5	5	4	217	795
623			Legal Medicine	169	169	0	0	1	11	2	0	20	189
	N		Social Medicine total	963	962	1	4	2	17	9	5	277	1,240
631			Internal Medicine in General	392	391	0	0	0	3	0	2	79	471
632	E		Gastroenterology	459	459	1	0	0	0	0	1	83	542
633			Internal Medicine Respiratory System	225	224	0	0	0	2	0	0	32	257
634			Neurological Medicine	283	283	2	0	0	2	2	0	42	325
635			Cardioangiopathy	483	482	0	0	0	1	2	0	111	594
636			Pediatrics	444	444	1	0	0	1	0	0	102	546
637			Dermatology	255	255	0	0	0	1	2	0	70	325
638			Radiology	539	539	1	1	0	2	2	2	122	661
639			Neuropsychiatry	405	403	12	0	0	19	2	1	106	511
641			Hematology	330	330	0	0	0	2	0	0	39	369
642			Internal Medicine of Kidney	206	206	0	0	0	1	0	0	31	237
643			Embryology and Newborn	38	38	0	0	0	0	0	0	7	45
644			Endocrinology	170	170	1	0	0	0	0	0	19	189
645			Metabolic Science	191	191	0	0	0	0	1	0	37	228
			Internal Medicine total	4,420	4,415	18	1	0	34	11	6	880	5,300
651			Surgery in General	394	393	2	0	0	2	1	0	68	462
652			Gastroenterological Surgery	380	380	0	0	0	0	0	0	71	451
653			Thoracic Surgery	282	282	1	0	0	3	0	0	63	345

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
654	M		Neurosurgery	311	311	2	0	0	1	0	0	60	371
655			Orthopedic Surgery	550	548	2	0	0	5	0	1	112	662
656			Anesthesiology and Rescue Medicine	392	392	1	0	0	2	1	0	94	486
657			Urology	288	288	0	0	0	3	1	0	58	346
658			Obstetrics and Gynecology	352	352	1	0	0	2	0	1	87	439
659			Oto-rhino-laryngology	258	258	0	0	0	4	0	1	80	338
660			Ophthalmology	289	289	1	0	0	1	0	0	55	344
661			Pediatric Surgery	69	69	0	0	0	1	0	0	10	79
662			Formative Surgery	80	80	0	0	0	0	0	0	30	110
			Surgery total	3,645	3,642	10	0	0	24	3	3	788	4,433
671	E		Oral Anatomy and Morphological Basic Dentistry	239	239	0	0	0	1	2	1	69	308
672	D		Functional Basic Dentistry	194	194	1	0	1	3	0	0	42	236
673	I		Morbid Dentistry (inclu. Dental Radiology)	171	171	0	0	0	0	0	1	65	236
674	C		Conservative Dentistry	292	292	0	0	0	3	3	0	139	431
675			Prosthodontics and Dental Technology	424	424	0	1	0	5	3	2	202	626
676	I		Oral Surgery	516	515	0	0	0	11	0	1	189	705
677	N		Orthodontics, Pedodontics and Social Dentistry	449	449	0	1	0	2	0	2	226	675
678			Periodontological Dentistry	118	118	0	0	0	1	1	0	58	176
	E		Dentistry total	2,403	2,402	1	2	1	26	9	7	990	3,393
681			Chemical Pharmaceutics	438	438	2	0	0	8	1	0	58	496
682			Physical Pharmaceutics	195	195	0	0	0	2	0	0	24	219
683			Biopharmaceutics	491	491	1	0	0	1	3	1	67	558
684			Molecular Pharmaceutics	144	144	0	0	0	0	0	0	24	168
685			Environmental Pharmaceutics	60	60	0	0	0	0	1	0	10	70
			Pharmaceutics total	1,328	1,328	3	0	0	11	5	1	183	1,511
691			Medical Sociology	196	194	4	2	0	6	1	1	55	251
692			Human Genetics	117	117	0	0	0	0	0	0	22	139
693			Applied Pharmacology and Medical Pharmacology	153	153	0	0	0	1	2	0	16	169
694			Pathological Examination	155	155	0	0	0	2	1	0	36	191
696			Science of Basic and Local Nursing	333	332	1	2	0	1	0	2	420	753
697			Science of Clinical Nursing	408	407	2	0	0	1	1	1	512	920
			Medicine in General total	1,362	1,358	7	4	0	11	5	4	1,061	2,423
			MEDICINE Total	16,967	16,953	53	17	5	154	61	38	4,623	21,590
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)	123	121	5	1	1	9	2	3	22	145
703			Physical Education	1,015	994	2	4	1	51	5	7	884	1,899
704			Human Geography	235	231	13	2	1	8	6	10	67	302
705			Physical Geography	129	129	3	2	0	6	0	2	24	153
			Geography total	364	360	16	4	1	14	6	12	91	455
706			Home Science (inclu. Cloth/Living Environments)	365	363	6	2	1	6	6	1	405	770
707			Food Culture	276	275	1	0	0	1	0	2	295	571
			Domestic Science total	641	638	7	2	1	7	6	3	700	1,341
708			Science of Cultural Property	29	29	1	0	0	0	0	0	8	37
711			Science Education	205	204	2	0	0	7	2	2	55	260
712	A R E A		Educational Engineering	314	311	1	0	0	7	1	3	94	408
713			Curriculum Studies	705	687	7	1	1	24	5	7	501	1,206
714			Japanese Language Education	160	146	4	3	0	3	10	14	86	246
			Science Education·Curriculum Education total	1,384	1,348	14	4	1	41	18	26	736	2,120
721			Statistics	127	127	1	0	0	3	1	0	28	155
731			Computer Science	773	773	4	0	3	7	3	4	171	944
732			Intelligent Informatics	774	774	2	1	0	5	6	6	89	863
733			Study of Information System (Inclu. Library and Information Science)	514	513	11	1	0	5	6	6	206	720
			Information Science total	2,061	2,060	17	2	3	17	15	16	466	2,527
741			Social System Engineering	375	375	1	0	0	7	4	2	48	423
751	I		Natural Disaster Science	49	49	0	0	0	1	0	0	2	51
761			Plasma Science and Technology	167	167	0	0	0	3	0	0	16	183
772			Nuclear Fusion	55	55	2	0	0	0	0	0	4	59

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	Nuclear Energy		Energy Science General	83	83	0	0	0	2	0	1	9	92
774			Nuclear Power Science	141	141	0	0	0	1	1	2	14	155
			Energy total	279	279	2	0	0	3	1	3	27	306
801	Environmental Science		Environmental Dynamic Analysis	165	165	1	0	0	0	1	0	28	193
802			Environmental Influence Assessment (inclu. Radiobiology)	180	179	1	0	0	4	1	0	25	205
803			Environmental Preservation	265	265	2	0	0	4	4	1	42	307
			Environmental Science total	610	609	4	0	0	8	6	1	95	705
811	Biological Chemistry		Biological Organic Chemistry	174	174	0	0	1	3	0	0	12	186
812			Structured Biochemistry	158	158	0	0	0	1	0	0	17	175
813			Functional Biochemistry	223	223	0	0	0	1	1	0	32	255
			Biological Chemistry total	555	555	0	0	1	5	1	0	61	616
821	Basic Biology		Biophysics	217	217	0	0	0	0	0	0	30	247
822			Molecular Biology	500	500	0	0	0	3	0	0	78	578
823			Cell Biology	316	316	0	0	1	2	1	1	48	364
824			Developmental Biology	184	184	1	0	0	0	0	0	33	217
			Basic Biology total	1,217	1,217	1	0	1	5	1	1	189	1,406
831	Neuroscience		Neuroanatomy and Neuropathology	136	136	1	0	0	2	0	0	17	153
832			Neurochemistry and Neuropharmacology	149	149	0	1	0	0	0	1	14	163
833			Neuro Science in General	285	285	3	1	1	3	2	0	42	327
834			Neuro and Muscular Physiology	201	200	4	1	1	3	3	0	29	230
			Neuro Science (inclu. Brain Science) total	771	770	8	3	2	8	5	1	102	873
841			Laboratory Animal Science	77	77	1	0	0	1	0	0	19	96
851			Medical Organism Engineering and Material Science of Organism	393	392	2	0	0	2	4	2	46	439
	INTERDISCIPLINARY AREA Total			10,237	10,167	82	20	12	185	75	77	3,540	13,777
999	WIDE AREA Total			1,273	1,193	35	14	14	70	25	49	956	2,229
	Item n.a. Total			36,010	34,705	749	148	132	1,277	668	489	44,432	80,442
	Grand Total			109,922	106,028	2,582	576	470	4,347	2,051	1,798	66,356	176,278

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	50	47	60	138	131	95	48	35	27	631
212			Chinese Philosophy	14	15	21	29	32	23	12	8	8	162
213			Indian Philosophy (inclu. Buddhist Studies)	30	23	34	44	43	52	34	23	38	321
214			Religion	34	46	55	65	67	41	15	12	14	349
215			Ethics	13	12	15	29	25	31	9	12	14	160
216			History of Philosophy	25	28	39	57	39	30	19	10	13	260
217			Aesthetics (inclu. Arts)	519	498	403	294	160	79	49	21	18	2,041
218			Art History	33	53	67	78	48	33	11	4	2	329
			Philosophy total	718	722	694	734	545	384	197	125	134	4,253
221			Experimental Psychology	40	22	52	93	103	104	52	50	56	572
222			Educational and Social	145	161	183	361	360	355	218	118	145	2,046
223			Sociology	247	242	316	461	366	284	148	62	73	2,199
224			Education	195	214	291	416	383	260	158	108	101	2,126
225			Cultural Anthropology (inclu. Ethnology and Folklore)	57	67	99	107	98	64	28	13	13	546
			Psychology·Sociology·Education Cultural Anthropology total	684	706	941	1,438	1,310	1,067	604	351	388	7,489
231			Japanese History	69	62	84	132	81	109	52	39	72	700
232			Oriental History	45	28	52	77	79	58	31	20	24	414
233			European History	58	60	103	134	93	45	25	14	10	542
234			Archaeology (inclu. Prehistory)	18	29	36	47	39	26	15	6	12	228
			History total	190	179	275	390	292	238	123	79	118	1,884
241			Japanese Language	46	34	63	104	70	49	25	18	14	423
242			Japanese Literature	117	124	179	251	222	163	105	61	58	1,280
243			Chinese Language and Literature	45	43	76	83	77	55	28	8	9	424
244			English Language and Literature	194	347	559	650	450	292	158	68	68	2,786
245			French Language and Literature	72	145	155	128	66	29	11	7	7	620
246			German Language and Literature	33	141	166	117	70	33	12	7	6	585
247			Other Foreign Languages and Literatures	46	102	127	98	60	32	18	4	7	494
248			Linguistics and Phonetics	122	178	227	253	185	134	57	32	28	1,216
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	47	57	62	52	42	28	12	7	9	316
			Literature total	722	1,171	1,614	1,736	1,242	815	426	212	206	8,144
			ARTS·HUMANITIES Total	2,314	2,778	3,524	4,298	3,389	2,504	1,350	767	846	21,770
261	L A W		Basic Science of Law	30	39	70	50	53	30	12	9	5	298
262			Public Law	41	49	84	88	72	57	26	16	3	436
263			International Law	37	29	35	41	46	34	19	7	7	255
264			Civil Law	92	121	128	147	93	68	34	18	23	724
265			Social Law	16	23	43	42	22	15	5	3	5	174
266			Criminal Law	22	53	36	44	20	16	4	4	1	200
267			Politics	114	139	171	221	144	90	41	21	12	953
		LAW Total	352	453	567	633	450	310	141	78	56	3,040	
271	E C O N O M I C S		General Theory of Economics	116	177	262	212	131	67	38	12	16	1,031
272			Economical Statistics	22	27	52	39	25	13	6	4	4	192
273			Economic Policy (inclu. Economic Condition)	103	146	215	237	203	120	59	31	29	1,143
274			Economic History	28	34	84	96	71	44	28	11	8	404
275			Public Finance, Money and Banking	51	59	85	114	91	49	26	14	8	497
276			Commercial Science	29	53	76	103	81	64	33	12	9	460
277			Business Administration	125	119	168	244	208	172	106	48	53	1,243
278			Accounting	61	50	111	162	103	73	40	26	15	641
		ECONOMICS Total	535	665	1,053	1,207	913	602	336	158	142	5,611	
301	S C I E N C E		Algebra	77	306	55	21	5	6	3	0	0	473
302			Geometry	68	254	44	26	4	4	0	0	1	401
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	88	187	131	91	56	20	6	8	7	594
305			Basic Analysis	48	261	64	17	4	3	0	0	0	397
306			Larger-area Analysis	32	96	38	9	5	0	0	1	0	181
			Mathematics total	313	1,104	332	164	74	33	9	9	8	2,046
311			Astronomy	25	84	61	24	10	4	4	1	0	213
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	103	422	149	58	28	7	5	0	0	772

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)	62	78	98	78	45	26	10	3	7	407	
323			Solid-State Physics II (Magnetism, Metal Physics,	63	161	108	72	26	16	5	0	0	451	
324			Physical Properties in General (inclu. Basic Theories)	35	119	74	36	29	14	5	1	2	315	
325			Physics in General	51	67	81	63	35	13	5	3	1	319	
			Physics total	314	847	510	307	163	76	30	7	10	2,264	
331				Physics of Solid Earth	16	57	56	52	25	14	5	1	1	227
332				Meteorology, Oceanography and Hydrology	24	59	47	53	50	27	17	8	3	288
333				Aeronomy	15	26	24	7	5	1	2	0	0	80
334				Geology	18	8	29	43	27	24	13	5	8	175
335				Stratigraphy and Paleontology	11	5	22	15	9	12	6	2	5	87
336				Mineralogy, Petrology and Study of Mineral Deposit	16	20	32	52	24	28	7	4	6	189
337				Geochemistry	10	16	17	27	19	14	11	4	8	126
				Earth Science total	110	191	227	249	159	120	61	24	31	1,172
341				Physical Chemistry	94	81	127	118	85	53	18	12	7	595
342				Organic Chemistry	66	81	158	106	61	26	6	4	6	514
343				Inorganic Chemistry	38	42	90	46	46	22	10	4	5	303
344				Function, Properties and Materials in Chemistry	26	27	57	60	34	23	9	8	12	256
345				Substance Transformation	8	6	10	13	15	3	5	1	4	65
346				Separation, Refining and Identification	27	7	31	44	32	26	13	7	3	190
				Chemistry total	259	244	473	387	273	153	61	36	37	1,923
351				Genetics	38	34	49	44	37	25	6	2	5	240
352				Ecology	44	40	66	95	83	62	19	16	15	440
353				Plant Physiology	39	35	49	43	52	23	20	8	5	274
354				Morphology, Structure of Organism	14	23	31	32	25	14	13	4	11	167
355				Animal Physiology and	19	19	26	36	34	16	8	3	4	165
356				Morphology and Taxonomy	11	16	37	48	46	34	18	3	13	226
			Biology total	165	167	258	298	277	174	84	36	53	1,512	
361			Physical Anthropology (inclu. Physiological Anthropology)	11	3	17	27	18	13	7	3	8	107	
			SCIENCE Total	1,197	2,640	1,878	1,456	974	573	256	116	147	9,237	
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	25	29	59	57	48	17	12	2	5	254	
402			Surface Physics	22	13	36	32	26	17	8	2	6	162	
403			Applied Optics and Quantum Optics	31	35	54	69	44	15	7	10	11	276	
404			General Applied Physics	14	19	40	34	24	16	8	2	8	165	
405			Fundamentals of Engineering	16	10	21	26	17	9	5	2	4	110	
			Applied Physics·Fundamentals of Engineering total	108	106	210	218	159	74	40	18	34	967	
411				Materials for Machines and Strength of Materials	34	31	100	109	84	56	31	19	21	485
412				Workshop Processes and Production Engineering	37	24	62	101	65	45	21	7	16	378
413				Design Engineering, Machine Elements and Tribology	28	19	41	62	45	33	14	8	14	264
414				Fluid Mechanics	52	45	91	98	80	49	29	13	17	474
415				Heat Engineering	40	34	66	91	86	54	37	14	31	453
416				Mechanics and Control Engineering	27	40	81	80	57	27	22	3	10	347
417				Intelligent Mechanics and Machine System	59	50	68	80	79	38	21	9	20	424
				Machine Engineering total	277	243	509	621	496	302	175	73	129	2,825
421				Electric Power Engineering and Electric Machinery	34	105	135	106	48	30	13	9	7	487
422				Electronic and Electric Materials Engineering	43	71	108	114	75	37	16	9	11	484
423				Electron Devices and Apparatus Engineering	67	112	146	98	54	22	6	8	15	528
424				Information and Communication Engineering	141	271	257	199	93	52	26	8	15	1,062

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 N G I N E E R I N G		System Engineering	34	31	46	46	31	20	11	7	8	234
427			Electronic Measurements	32	34	67	90	71	35	11	7	23	370
428			Control Engineering	28	52	71	90	55	40	14	8	5	363
		Electric and Electronic Engineering	379	676	830	743	427	236	97	56	84	3,528	
431			Construction Materials and Dynamics in General Civil Engineering	22	21	43	51	23	13	10	7	3	193
432			Structural Engineering and Seismology	29	48	68	77	34	18	9	3	2	288
433			Ground Engineering	19	26	68	72	41	29	12	7	1	275
434			Hydraulics and River Engineering	30	55	65	67	32	17	10	4	6	286
435			Traffic Engineering and Regional Planning	22	18	38	56	33	32	17	9	14	239
436			Civil Environmental System	22	27	46	43	32	21	12	11	16	230
			Civil Engineering total	144	195	328	366	195	130	70	41	42	1,511
441				Building Structure and Materials	33	83	136	85	59	28	14	4	12
442		Building Science and Building Equipment		23	15	55	54	42	34	13	7	14	257
443		G	City Planning and Building Planning	53	130	146	136	78	63	34	29	21	690
444		I	Architectural History and Design	41	78	75	58	31	17	10	4	2	316
			Architecture total	150	306	412	333	210	142	71	44	49	1,717
451		N	Physical Metallurgy	15	27	39	37	31	19	10	6	5	189
452			Inorganic Materials and	40	25	41	63	51	28	26	12	18	304
453		E	Composed Materials and Properties	11	12	7	20	18	11	10	6	5	100
454		E	Structural and Functional Materials	18	26	40	34	32	29	18	10	16	223
455		R	Metallurgy and Material	19	25	33	44	51	34	28	14	19	267
456			Metal Productive Engineering	4	9	8	27	19	16	12	1	8	104
			Material Engineering total	107	124	168	225	202	137	104	49	71	1,187
461		N G	Chemical Engineering in General	25	19	30	38	34	23	18	10	21	218
462			Reaction and Separation Engineering	11	23	16	20	21	6	14	6	9	126
463			Catalyst and Chemical Process	5	7	13	25	22	16	9	4	12	113
464			Bioengineering	32	28	26	39	45	26	26	13	20	255
465			Industrial Analytical Chemistry	13	7	22	33	21	18	8	7	5	134
			Process Engineering total	86	84	107	155	143	89	75	40	67	846
471			Industrial Physical Chemistry	11	17	27	36	40	17	10	8	10	176
472	Industrial Inorganic Chemistry		9	11	11	16	17	18	8	7	4	101	
473	Industrial Organic Chemistry		10	4	16	17	19	12	4	2	7	91	
474	Synthetic Chemistry		29	38	53	58	36	18	10	2	3	247	
475	Polymer Synthesis		20	24	45	43	23	22	14	7	3	201	
476	Polymer Structure and Property (inclu. Fiber)		27	16	43	45	42	25	17	7	11	233	
		Industrial Chemistry total	106	110	195	215	177	112	63	33	38	1,049	
481		Aeronautics	16	15	27	27	18	6	9	4	6	128	
482		Ship Engineering	17	17	18	13	16	15	8	1	5	110	
483		Marine Engineering	6	6	8	4	6	11	1	0	1	43	
484		Resource Development Engineering	7	6	11	18	17	11	9	6	7	92	
		Synthetic Engineering total	46	44	64	62	57	43	27	11	19	373	
	ENGINEERING Total			1,403	1,888	2,823	2,938	2,066	1,265	722	365	533	14,003
501	A G R I C U L T U R E		Plant Breeding	11	22	35	22	20	13	3	3	1	130
502			Crop Science	8	14	20	22	16	18	4	3	5	110
503			Horticulture and Landscape Architecture	27	48	57	57	53	30	14	13	14	313
504			Plant Protection	20	26	28	36	28	12	16	2	5	173
505			Sericultural Science and Economic Entomology	9	10	15	13	10	5	3	1	4	70
			Agriculture total	75	120	155	150	127	78	40	22	29	796
511			Plant Fertilizer and Manure and Soil Science	16	19	22	28	26	16	11	5	9	152
512			Applied Microbiochemistry and Applied Biochemistry	58	37	84	82	82	59	37	20	22	481
513			Biological Productive Chemistry and Bioorganic Chemistry	16	9	24	27	33	18	10	1	10	148
514			Food Science and Nutritional Chemistry	48	46	72	115	109	78	55	33	48	604

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	138	111	202	252	250	171	113	59	89	1,385	
521	G		Forestry	14	16	48	59	60	39	22	13	9	280	
522			Wood Science	6	22	38	31	30	15	11	4	6	163	
			Forestry total	20	38	86	90	90	54	33	17	15	443	
531	R		Fisheries in General	36	31	43	63	51	34	23	13	7	301	
532			Fisheries Chemistry	10	12	19	25	17	11	6	6	4	110	
			Fisheries total	46	43	62	88	68	45	29	19	11	411	
541	I		Agricultural Economics	35	22	23	44	51	50	29	14	29	297	
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	13	10	23	38	33	20	14	9	14	174	
552		U		Agricultural Machinery	5	5	18	33	16	12	10	6	9	114
553	L		Biological Environment	6	5	7	11	12	6	9	1	2	59	
			Agricultural Engineering total	24	20	48	82	61	38	33	16	25	347	
561	T		Animal Science and Grassland Science	14	8	23	24	30	21	11	10	6	147	
562		U		Applied Animal Science	16	10	18	21	34	21	8	9	10	147
563	R		Basic Veterinary Medicine and Basic Animal Science	41	15	15	39	43	37	21	11	12	234	
564			Applied Veterinary Medicine	38	22	31	27	41	24	19	9	23	234	
	E		Animal Science·Veterinary Medicine total	109	55	87	111	148	103	59	39	51	762	
571			Biological Resource Science	4	3	9	12	11	9	5	7	4	64	
572			Applied Molecular Cell Biology	10	9	10	17	13	9	2	1	3	74	
			Interdisciplinary Agricultural Science total	14	12	19	29	24	18	7	8	7	138	
			AGRICULTURE Total	461	421	682	846	819	557	343	194	256	4,579	
601	M		Anatomy in General (inclu. Histology, Embryology)	35	34	61	59	66	46	20	15	15	351	
602			Physiology in General	40	23	63	74	52	52	27	16	23	370	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	13	13	22	51	34	38	24	25	35	255	
604			Pharmacology in General	25	28	28	55	43	44	23	10	26	282	
605			Medical Chemistry in General	35	31	51	59	52	33	6	10	11	288	
606			Pathological Medical Chemistry	21	9	21	23	24	23	9	7	10	147	
			Physiology total	169	138	246	321	271	236	109	83	120	1,693	
611		E		Hominal Pathology	34	29	57	88	74	63	27	26	32	430
612				Experimental Pathology	25	15	25	54	32	32	11	9	9	212
613		D		Parasitology (inclu. Medical Zoology)	10	5	18	33	32	28	8	3	8	145
614				Bacteriology (inclu. Eumycetes)	15	28	41	50	50	34	22	18	15	273
615		I		Virology	27	20	41	35	32	23	15	2	6	201
616				Immunology	39	35	51	63	65	39	15	13	16	336
		C		Pathology total	150	132	233	323	285	219	98	71	86	1,597
621		I		Hygiene	14	14	19	45	31	34	33	28	38	256
622				Public Health and Health Science	79	45	72	139	116	125	70	53	96	795
623				Legal Medicine	11	13	22	42	32	28	17	9	15	189
	N		Social Medicine total	104	72	113	226	179	187	120	90	149	1,240	
631	E		Internal Medicine in General	55	20	31	68	74	76	50	37	60	471	
632			Gastroenterology	68	12	17	83	106	99	53	38	66	542	
633			Internal Medicine Respiratory System	23	11	13	34	52	48	28	10	38	257	
634			Neurological Medicine	38	21	22	57	59	52	25	17	34	325	
635			Cardioangiology	79	27	46	72	104	110	65	23	68	594	
636			Pediatrics	43	32	39	90	97	78	59	31	77	546	
637			Dermatology	48	52	40	54	43	35	12	20	21	325	
638			Radiology	68	57	117	110	100	78	48	31	52	661	
639			Neuropsychiatry	70	38	50	72	74	75	50	32	50	511	
641			Hematology	37	10	20	59	65	70	45	32	31	369	
642			Internal Medicine of Kidney	16	12	22	69	41	30	17	13	17	237	
643			Embryology and Newborn	3	1	0	7	13	13	2	5	1	45	
644			Endocrinology	21	3	15	36	31	28	13	17	25	189	
645			Metabolic Science	32	6	16	37	43	36	17	11	30	228	
				Internal Medicine total	601	302	448	848	902	828	484	317	570	5,300
651			Surgery in General	48	22	21	65	45	95	40	24	102	462	
652			Gastroenterological Surgery	50	18	14	49	41	102	41	28	108	451	
653			Thoracic Surgerv	43	16	5	44	34	83	32	24	64	345	

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	38	54	42	63	58	42	24	12	38	371	
655			Orthopedic Surgery	72	58	73	117	98	93	52	37	62	662	
656			Anesthesiology and Rescue Medicine	40	26	44	114	92	60	36	19	55	486	
657			Urology	46	38	30	65	54	35	23	21	34	346	
658			Obstetrics and Gynecology	49	29	40	62	65	65	46	24	59	439	
659			Oto-rhino-laryngology	42	33	28	56	45	55	18	13	48	338	
660			Ophthalmology	41	48	72	82	44	23	12	5	17	344	
661			Pediatric Surgery	6	2	7	11	13	13	7	8	12	79	
662			Formative Surgery	11	10	4	21	24	18	1	10	11	110	
			Surgery total	486	354	380	749	613	684	332	225	610	4,433	
671	E		Oral Anatomy and Morphological Basic Dentistry	49	19	26	42	52	46	22	20	32	308	
672	D		Functional Basic Dentistry	32	15	30	37	42	33	19	11	17	236	
673	I		Morbid Dentistry (inclu. Dental Radiology)	19	22	20	41	40	32	25	14	23	236	
674	C		Conservative Dentistry	52	63	62	75	63	42	24	18	32	431	
675			Prosthodontics and Dental Technology	80	84	86	94	90	69	33	28	62	626	
676	I		Oral Surgery	87	50	64	83	95	88	67	47	124	705	
677	N		Orthodontics, Pedodontics and Social Dentistry	105	74	85	103	89	73	48	28	70	675	
678	E		Periodontological Dentistry	38	18	39	31	26	12	3	6	3	176	
		Dentistry total	462	345	412	506	497	395	241	172	363	3,393		
681			Chemical Pharmaceutics	28	97	115	115	64	42	21	8	6	496	
682			Physical Pharmaceutics	16	17	36	49	30	30	14	14	13	219	
683			Biopharmaceutics	49	32	70	109	100	79	53	31	35	558	
684			Molecular Pharmaceutics	32	11	20	24	26	24	15	8	8	168	
685			Environmental Pharmaceutics	7	8	8	9	13	6	4	7	8	70	
		Pharmaceutics total	132	165	249	306	233	181	107	68	70	1,511		
691			Medical Sociology	23	21	18	40	47	45	27	11	19	251	
692			Human Genetics	18	12	10	19	24	23	13	12	8	139	
693			Applied Pharmacology and Medical Pharmacology	6	10	16	33	34	23	18	15	14	169	
694			Pathological Examination	7	9	20	37	34	30	25	9	20	191	
696			Science of Basic and Local Nursing	109	63	64	112	103	131	86	43	42	753	
697			Science of Clinical Nursing	124	65	77	145	154	143	100	47	65	920	
		Medicine in General total	287	180	205	386	396	395	269	137	168	2,423		
	MEDICINE Total			2,391	1,688	2,286	3,665	3,376	3,125	1,760	1,163	2,136	21,590	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	15	13	26	31	20	20	11	3	6	145	
703			Physical Education	139	190	359	423	316	230	122	64	56	1,899	
704			Human Geography	11	14	20	45	49	55	39	23	46	302	
705			Physical Geography	13	7	13	19	21	25	17	17	21	153	
			Geography total	24	21	33	64	70	80	56	40	67	455	
706				Home Science(inclu. Cloth/Living Environments)	82	67	99	137	132	119	64	37	33	770
707				Food Culture	60	48	70	100	91	81	51	26	44	571
			Domestic Science total	142	115	169	237	223	200	115	63	77	1,341	
708				Science of Cultural Property	4	7	5	6	6	4	3	2	0	37
711				Science Education	29	19	40	47	46	32	16	11	20	260
712			Educational Engineering	34	46	80	86	64	45	23	11	19	408	
713			Curriculum Studies	144	156	177	211	203	158	85	34	38	1,206	
714			Japanese Language Education	29	35	58	43	41	27	6	3	4	246	
			Science Education·Curriculum Education total	236	256	355	387	354	262	130	59	81	2,120	
721			Statistics	13	18	28	23	26	19	12	11	5	155	
731			Computer Science	138	160	272	180	117	44	17	9	7	944	
732			Intelligent Informatics	102	109	169	182	129	80	41	27	24	863	
733			Study of Information System (Inclu. Library and Information Science)	102	103	145	123	110	53	31	22	31	720	
			Information Science total	342	372	586	485	356	177	89	58	62	2,527	
741			Social System Engineering	49	45	55	92	62	43	23	19	35	423	
751			Natural Disaster Science	1	2	5	5	6	9	11	2	10	51	
761			Plasma Science and Technology	12	16	50	35	33	20	11	4	2	183	
772	I		Nuclear Fusion	1	3	14	22	12	5	2	0	0	59	

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	5	9	19	18	14	13	2	5	7	92
774			Nuclear Power Science	9	22	26	37	24	20	5	3	9	155
			Energy total	15	34	59	77	50	38	9	8	16	306
801			Environmental Dynamic Analysis	16	15	26	40	30	31	19	5	11	193
802			Environmental Influence Assessment (inclu. Radiobiology)	20	17	22	38	42	30	14	10	12	205
803			Environmental Preservation	42	26	29	42	58	42	26	15	27	307
			Environmental Science total	78	58	77	120	130	103	59	30	50	705
811			Biological Organic Chemistry	12	20	35	44	34	21	12	4	4	186
812			Structured Biochemistry	15	19	28	30	35	17	16	9	6	175
813			Functional Biochemistry	21	29	47	63	35	32	8	11	9	255
			Biological Chemistry total	48	68	110	137	104	70	36	24	19	616
821			Biophysics	23	34	51	57	32	25	9	10	6	247
822			Molecular Biology	79	91	110	109	90	56	26	7	10	578
823			Cell Biology	50	35	67	84	58	33	22	4	11	364
824			Developmental Biology	37	28	56	54	19	9	6	4	4	217
			Basic Biology total	189	188	284	304	199	123	63	25	31	1,406
831	A R E A		Neuroanatomy and Neuropathology	15	11	33	29	17	22	15	5	6	153
832			Neurochemistry and Neuropharmacology	18	16	21	29	34	16	12	5	12	163
833			Neuro Science in General	58	27	57	44	62	35	22	7	15	327
834			Neuro and Muscular Physiology	26	9	51	56	29	30	9	13	7	230
			Neuro Science (inclu. Brain Science) total	117	63	162	158	142	103	58	30	40	873
841			Laboratory Animal Science	11	5	12	15	18	12	7	4	12	96
851			Medical Organism Engineering and Material Science of Organism	59	33	47	81	73	57	32	18	39	439
	INTERDISCIPLINARY AREA Total			1,494	1,504	2,422	2,680	2,188	1,570	847	464	608	13,777
999	WIDE AREA Total			412	381	413	400	222	188	84	49	80	2,229
	Item n.a. Total			38,884	9,882	8,354	8,540	6,022	4,264	2,092	1,046	1,358	80,442
	Grand Total			49,443	22,300	24,002	26,663	20,419	14,958	7,931	4,400	6,162	176,278

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	516	80	21	8	3	3	0	0	0	631
212			Chinese Philosophy	150	9	1	1	1	0	0	0	0	162
213			Indian Philosophy (inclu. Buddhist Studies)	276	29	12	2	2	0	0	0	0	321
214			Religion	265	50	23	9	1	0	1	0	0	349
215			Ethics	141	8	7	2	1	0	0	1	0	160
216			History of Philosophy	216	34	6	3	0	0	0	0	1	260
217			Aesthetics (inclu. Arts)	1,860	129	37	10	1	2	1	0	1	2,041
218			Art History	288	27	9	3	1	0	1	0	0	329
		Philosophy total	3,712	366	116	38	10	5	3	1	2	4,253	
221			Experimental Psychology	417	91	42	14	5	1	1	1	0	572
222			Educational and Social	1,687	236	76	36	8	3	0	0	0	2,046
223			Sociology	1,906	201	63	23	2	2	0	2	0	2,199
224			Education	1,853	191	60	14	4	2	2	0	0	2,126
225			Cultural Anthropology (inclu. Ethnology and Folklore)	389	84	43	17	8	2	2	0	1	546
		Psychology·Sociology·Education Cultural Anthropology total	6,252	803	284	104	27	10	5	3	1	7,489	
231			Japanese History	668	20	9	3	0	0	0	0	0	700
232			Oriental History	354	47	8	3	0	1	1	0	0	414
233			European History	414	85	26	14	2	1	0	0	0	542
234			Archaeology (inclu. Prehistory)	188	29	8	2	0	1	0	0	0	228
		History total	1,624	181	51	22	2	3	1	0	0	1,884	
241			Japanese Language	399	19	4	1	0	0	0	0	0	423
242			Japanese Literature	1,214	48	11	5	2	0	0	0	0	1,280
243			Chinese Language and Literature	344	57	14	5	3	1	0	0	0	424
244			English Language and Literature	2,095	470	154	46	9	7	3	2	0	2,786
245			French Language and Literature	481	91	33	12	2	1	0	0	0	620
246			German Language and Literature	465	85	23	8	4	0	0	0	0	585
247			Other Foreign Languages and Literatures	362	93	24	10	3	1	1	0	0	494
248			Linguistics and Phonetics	812	242	102	37	16	4	2	0	1	1,216
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	213	68	26	5	2	2	0	0	0	316
		Literature total	6,385	1,173	391	129	41	16	6	2	1	8,144	
		ARTS·HUMANITIES Total			17,973	2,523	842	293	80	34	15	6	4
261	L A W		Basic Science of Law	233	55	8	2	0	0	0	0	0	298
262			Public Law	404	29	3	0	0	0	0	0	0	436
263			International Law	172	51	24	5	0	1	2	0	0	255
264			Civil Law	675	31	11	4	1	2	0	0	0	724
265			Social Law	151	18	3	2	0	0	0	0	0	174
266			Criminal Law	178	13	6	2	0	0	1	0	0	200
267			Politics	756	125	50	13	5	3	1	0	0	953
	LAW Total			2,569	322	105	28	6	6	4	0	0	3,040
271	E C O N O M I C S		General Theory of Economics	817	135	53	20	3	3	0	0	0	1,031
272			Economical Statistics	131	33	21	6	1	0	0	0	0	192
273			Economic Policy (inclu. Economic Condition)	932	158	35	13	3	1	1	0	0	1,143
274			Economic History	350	40	10	2	0	1	0	1	0	404
275			Public Finance, Money and Banking	391	82	17	6	1	0	0	0	0	497
276			Commercial Science	377	61	18	3	0	1	0	0	0	460
277			Business Administration	1,041	136	38	17	5	4	1	0	1	1,243
278		Accounting	491	102	34	11	3	0	0	0	0	641	
	ECONOMICS Total			4,530	747	226	78	16	10	2	1	1	5,611
301	S C I E N C E		Algebra	401	65	5	1	1	0	0	0	0	473
302			Geometry	331	63	3	3	1	0	0	0	0	401
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	456	90	35	9	1	1	1	1	0	594
305			Basic Analysis	311	67	14	1	0	2	2	0	0	397
306			Larger-area Analysis	144	32	3	2	0	0	0	0	0	181
		Mathematics total	1,643	317	60	16	3	3	3	1	0	2,046	
311			Astronomy	122	59	23	6	3	0	0	0	0	213
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	658	98	12	3	0	1	0	0	0	772

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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)	329	60	17	1	0	0	0	0	0	407
323			Solid-State Physics II (Magnetism, Metal Physics,	372	73	6	0	0	0	0	0	0	451
324			Physical Properties in General (inclu. Basic Theories)	254	48	5	7	1	0	0	0	0	315
325			Physics in General	251	52	14	0	0	2	0	0	0	319
		Physics total	1,864	331	54	11	1	3	0	0	0	2,264	
331			Physics of Solid Earth	99	84	35	7	1	1	0	0	0	227
332			Meteorology, Oceanography and Hydrology	161	85	30	8	1	1	1	1	0	288
333			Aeronomy	37	33	8	2	0	0	0	0	0	80
334			Geology	87	36	30	13	6	3	0	0	0	175
335			Stratigraphy and Paleontology	39	21	12	10	2	0	2	0	1	87
336			Mineralogy, Petrology and Study of Mineral Deposit	88	51	33	9	4	0	2	2	0	189
337			Geochemistry	66	30	25	4	1	0	0	0	0	126
		Earth Science total	577	340	173	53	15	5	5	3	1	1,172	
341			Physical Chemistry	441	105	38	9	0	2	0	0	0	595
342			Organic Chemistry	320	147	41	4	0	2	0	0	0	514
343			Inorganic Chemistry	225	58	14	4	2	0	0	0	0	303
344			Function, Properties and Materials in Chemistry	193	42	18	3	0	0	0	0	0	256
345			Substance Transformation	44	19	1	1	0	0	0	0	0	65
346			Separation, Refining and Identification	138	38	11	3	0	0	0	0	0	190
		Chemistry total	1,361	409	123	24	2	4	0	0	0	1,923	
351			Genetics	181	37	17	3	2	0	0	0	0	240
352			Ecology	277	99	41	13	6	2	0	0	2	440
353			Plant Physiology	174	67	21	7	5	0	0	0	0	274
354			Morphology, Structure of Organism	123	24	13	2	3	2	0	0	0	167
355			Animal Physiology and	131	27	6	1	0	0	0	0	0	165
356			Morphology and Taxonomy	92	62	36	21	9	3	2	1	0	226
		Biology total	978	316	134	47	25	7	2	1	2	1,512	
361			Physical Anthropology (inclu. Physiological Anthropology)	64	29	11	2	0	1	0	0	0	107
	SCIENCE Total	6,609	1,801	578	159	49	23	10	5	3	9,237		
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	192	48	10	1	2	1	0	0	0	254
402			Surface Physics	117	34	9	2	0	0	0	0	0	162
403			Applied Optics and Quantum Optics	157	71	39	5	3	1	0	0	0	276
404			General Applied Physics	125	28	11	1	0	0	0	0	0	165
405			Fundamentals of Engineering	81	22	3	4	0	0	0	0	0	110
		Applied Physics-Fundamentals of Engineering total	672	203	72	13	5	2	0	0	0	967	
411			Materials for Machines and Strength of Materials	394	59	22	7	1	1	0	0	1	485
412			Workshop Processes and Production Engineering	316	40	18	3	1	0	0	0	0	378
413			Design Engineering, Machine Elements and Tribology	224	25	12	3	0	0	0	0	0	264
414			Fluid Mechanics	387	64	18	3	0	0	2	0	0	474
415			Heat Engineering	372	67	10	4	0	0	0	0	0	453
416			Mechanics and Control Engineering	281	50	13	3	0	0	0	0	0	347
417			Intelligent Mechanics and Machine System	287	108	20	6	3	0	0	0	0	424
		Machine Engineering total	2,261	413	113	29	5	1	2	0	1	2,825	
421			Electric Power Engineering and Electric Machinery	281	172	27	3	1	1	0	0	2	487
422			Electronic and Electric Materials Engineering	359	81	33	8	2	1	0	0	0	484
423			Electron Devices and Apparatus Engineering	300	163	51	11	1	1	1	0	0	528
424		Information and Communication Engineering	581	361	93	19	8	0	0	0	0	1,062	

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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
425	E N G I N E E R I N G		System Engineering	161	55	12	4	0	1	1	0	0	234
427			Electronic Measurements	248	96	18	6	1	0	1	0	0	370
428			Control Engineering	211	130	18	3	0	1	0	0	0	363
			Electric and Electronic Engineering	2,141	1,058	252	54	13	5	3	0	2	3,528
431			Construction Materials and Dynamics in General Civil Engineering	143	29	13	6	2	0	0	0	0	193
432			Structural Engineering and Seismology	204	58	16	7	3	0	0	0	0	288
433			Ground Engineering	168	65	28	11	1	1	0	1	0	275
434			Hydraulics and River Engineering	186	75	18	6	0	0	0	1	0	286
435			Traffic Engineering and Regional Planning	157	45	25	9	2	1	0	0	0	239
436			Civil Environmental System	138	71	17	4	0	0	0	0	0	230
			Civil Engineering total	996	343	117	43	8	2	0	2	0	1,511
441				Building Structure and Materials	351	68	22	4	7	1	1	0	0
442		Building Science and Building Equipment		207	38	7	4	1	0	0	0	0	257
443		G	City Planning and Building Planning	601	67	16	2	3	0	1	0	0	690
444			Architectural History and Design	295	19	0	1	1	0	0	0	0	316
			Architecture total	1,454	192	45	11	12	1	2	0	0	1,717
451		N	Physical Metallurgy	148	27	8	5	0	0	0	0	1	189
452			Inorganic Materials and	211	59	26	6	2	0	0	0	0	304
453		E	Composed Materials and Properties	76	20	2	2	0	0	0	0	0	100
454		E	Structural and Functional Materials	168	36	11	6	1	1	0	0	0	223
455			Metallurgy and Material	195	51	16	3	2	0	0	0	0	267
456		R	Metal Productive Engineering	74	21	6	2	0	1	0	0	0	104
			Material Engineering total	872	214	69	24	5	2	0	0	1	1,187
461		I	Chemical Engineering in General	169	39	5	3	1	0	0	0	1	218
462			Reaction and Separation Engineering	94	23	9	0	0	0	0	0	0	126
463			Catalyst and Chemical Process	77	30	6	0	0	0	0	0	0	113
464	Bioengineering		189	44	14	4	4	0	0	0	0	255	
465	Industrial Analytical Chemistry		107	25	0	1	1	0	0	0	0	134	
	Process Engineering total		636	161	34	8	6	0	0	0	1	846	
471		Industrial Physical Chemistry	97	39	24	12	4	0	0	0	0	176	
472		Industrial Inorganic Chemistry	76	14	6	4	1	0	0	0	0	101	
473		Industrial Organic Chemistry	55	28	7	1	0	0	0	0	0	91	
474		Synthetic Chemistry	136	92	15	4	0	0	0	0	0	247	
475		Polymer Synthesis	127	63	10	0	1	0	0	0	0	201	
476		Polymer Structure and Property (inclu. Fiber)	165	46	15	4	2	1	0	0	0	233	
		Industrial Chemistry total	656	282	77	25	8	1	0	0	0	1,049	
481		Aeronautics	68	42	13	4	0	0	1	0	0	128	
482		Ship Engineering	94	13	3	0	0	0	0	0	0	110	
483		Marine Engineering	24	15	3	1	0	0	0	0	0	43	
484		Resource Development Engineering	54	17	15	3	1	2	0	0	0	92	
		Synthetic Engineering total	240	87	34	8	1	2	1	0	0	373	
	ENGINEERING Total			9,928	2,953	813	215	63	16	8	2	5	14,003
501	A G R I C U L T U R E		Plant Breeding	94	22	7	4	3	0	0	0	0	130
502			Crop Science	82	20	7	0	1	0	0	0	0	110
503			Horticulture and Landscape Architecture	198	63	38	13	1	0	0	0	0	313
504			Plant Protection	105	43	17	5	3	0	0	0	0	173
505			Sericultural Science and Economic Entomology	53	15	2	0	0	0	0	0	0	70
			Agriculture total	532	163	71	22	8	0	0	0	0	796
511			Plant Fertilizer and Manure and Soil Science	88	40	15	5	4	0	0	0	0	152
512			Applied Microbiochemistry and Applied Biochemistry	381	74	18	5	3	0	0	0	0	481
513			Biological Productive Chemistry and Bioorganic Chemistry	103	37	5	2	1	0	0	0	0	148
514			Food Science and Nutritional Chemistry	494	78	19	9	1	3	0	0	0	604

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				0	1	2	3	4	5	6	7		8 or more	
	A		Agricultural Chemistry total	1,066	229	57	21	9	3	0	0	0	1,385	
521	G		Forestry	217	45	14	4	0	0	0	0	0	280	
522			Wood Science	119	33	9	2	0	0	0	0	0	163	
			Forestry total	336	78	23	6	0	0	0	0	0	443	
531	R		Fisheries in General	218	53	20	9	1	0	0	0	0	301	
532			Fisheries Chemistry	81	21	7	1	0	0	0	0	0	110	
			Fisheries total	299	74	27	10	1	0	0	0	0	411	
541	I		Agricultural Economics	228	44	14	8	3	0	0	0	0	297	
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	125	29	13	6	0	1	0	0	0	174	
552		U		Agricultural Machinery	59	32	16	4	2	0	1	0	114	
553	L		Biological Environment	39	12	5	2	0	0	0	1	0	59	
			Agricultural Engineering total	223	73	34	12	2	1	1	1	0	347	
561	T		Animal Science and Grassland Science	110	24	10	2	1	0	0	0	0	147	
562	U		Applied Animal Science	87	34	15	8	2	0	0	0	1	147	
563		R		Basic Veterinary Medicine and Basic Animal Science	175	39	13	3	4	0	0	0	0	234
564			Applied Veterinary Medicine	171	48	6	6	2	1	0	0	0	234	
	E		Animal Science·Veterinary Medicine total	543	145	44	19	9	1	0	0	1	762	
571			Biological Resource Science	38	10	11	4	1	0	0	0	0	64	
572			Applied Molecular Cell Biology	62	10	1	1	0	0	0	0	0	74	
			Interdisciplinary Agricultural Science total	100	20	12	5	1	0	0	0	0	138	
			AGRICULTURE Total	3,327	826	282	103	33	5	1	1	1	4,579	
601	M		Anatomy in General (inclu. Histology, Embryology)	257	65	14	10	3	1	0	1	0	351	
602			Physiology in General	255	71	27	7	6	3	0	1	0	370	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	171	48	24	6	3	1	1	0	1	255	
604			Pharmacology in General	203	46	22	6	3	1	1	0	0	282	
605			Medical Chemistry in General	223	42	16	4	2	0	0	1	0	288	
606			Pathological Medical Chemistry	104	26	9	4	3	1	0	0	0	147	
			Physiology total	1,213	298	112	37	20	7	2	3	1	1,693	
611		E		Hominal Pathology	316	74	32	4	1	3	0	0	0	430
612				Experimental Pathology	150	44	9	3	3	2	1	0	0	212
613		D		Parasitology (inclu. Medical Zoology)	109	22	9	3	2	0	0	0	0	145
614				Bacteriology (inclu. Eumycetes)	178	66	18	8	2	0	0	0	1	273
615		I		Virology	155	29	11	4	1	0	0	0	1	201
616				Immunology	247	57	22	5	3	1	0	1	0	336
		C		Pathology total	1,155	292	101	27	12	6	1	1	2	1,597
621		I		Hygiene	174	45	24	7	4	2	0	0	0	256
622				Public Health and Health Science	616	125	29	15	5	3	1	0	1	795
623				Legal Medicine	125	41	16	3	3	0	0	1	0	189
	N		Social Medicine total	915	211	69	25	12	5	1	1	1	1,240	
631	E		Internal Medicine in General	336	68	44	18	2	2	1	0	0	471	
632			Gastroenterology	444	55	24	9	6	2	0	2	0	542	
633			Internal Medicine Respiratory System	151	61	25	13	4	1	2	0	0	257	
634			Neurological Medicine	225	56	25	12	5	1	0	1	0	325	
635			Cardioangiology	428	89	49	16	5	3	3	0	1	594	
636			Pediatrics	405	84	42	9	4	2	0	0	0	546	
637			Dermatology	263	34	20	4	1	1	1	1	0	325	
638			Radiology	447	119	62	24	7	2	0	0	0	661	
639			Neuropsychiatry	405	66	27	6	4	1	0	1	1	511	
641			Hematology	258	59	29	12	7	1	2	1	0	369	
642			Internal Medicine of Kidney	129	45	41	15	4	2	0	0	1	237	
643			Embryology and Newborn	37	6	2	0	0	0	0	0	0	45	
644			Endocrinology	111	29	33	12	3	1	0	0	0	189	
645			Metabolic Science	149	42	28	8	1	0	0	0	0	228	
			Internal Medicine total	3,788	813	451	158	53	19	9	6	3	5,300	
651			Surgery in General	334	60	38	15	4	5	2	3	1	462	
652			Gastroenterological Surgery	328	73	26	10	6	5	2	0	1	451	
653			Thoracic Surgerv	246	52	29	9	6	2	0	0	1	345	

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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	266	60	27	8	8	1	1	0	0	371
655			Orthopedic Surgery	469	112	45	15	7	6	4	3	1	662
656			Anesthesiology and Rescue Medicine	328	93	40	14	7	2	2	0	0	486
657			Urology	203	63	48	23	7	0	2	0	0	346
658			Obstetrics and Gynecology	322	65	37	9	3	2	0	0	1	439
659			Oto-rhino-laryngology	290	28	13	5	2	0	0	0	0	338
660			Ophthalmology	186	97	34	14	10	2	1	0	0	344
661			Pediatric Surgery	44	16	8	6	1	3	1	0	0	79
662			Formative Surgery	87	14	4	2	2	0	1	0	0	110
				Surgery total	3,103	733	349	130	63	28	16	6	5
671	E		Oral Anatomy and Morphological Basic Dentistry	187	74	30	15	2	0	0	0	308	
672	D		Functional Basic Dentistry	153	60	16	5	1	1	0	0	236	
673	I		Morbid Dentistry (inclu. Dental Radiology)	154	52	22	7	1	0	0	0	236	
674	C		Conservative Dentistry	266	117	35	11	2	0	0	0	431	
675			Prosthodontics and Dental Technology	415	128	58	13	8	3	1	0	0	626
676	I		Oral Surgery	513	120	56	12	2	1	1	0	0	705
677	N		Orthodontics, Pedodontics and Social Dentistry	480	112	52	23	5	3	0	0	0	675
678			Periodontological Dentistry	121	31	18	5	0	1	0	0	0	176
	E		Dentistry total	2,289	694	287	91	21	9	2	0	0	3,393
681			Chemical Pharmaceutics	345	114	29	5	1	2	0	0	0	496
682		Physical Pharmaceutics	164	33	16	4	2	0	0	0	0	219	
683		Biopharmaceutics	429	82	32	11	2	1	0	0	1	558	
684		Molecular Pharmaceutics	120	36	6	5	0	1	0	0	0	168	
685		Environmental Pharmaceutics	50	13	2	5	0	0	0	0	0	70	
		Pharmaceutics total	1,108	278	85	30	5	4	0	0	1	1,511	
691		Medical Sociology	190	45	13	3	0	0	0	0	0	251	
692		Human Genetics	103	24	7	3	1	1	0	0	0	139	
693		Applied Pharmacology and Medical Pharmacology	118	32	14	3	1	1	0	0	0	169	
694		Pathological Examination	148	22	15	5	1	0	0	0	0	191	
696		Science of Basic and Local Nursing	711	30	4	5	2	1	0	0	0	753	
697		Science of Clinical Nursing	859	48	10	2	1	0	0	0	0	920	
		Medicine in General total	2,129	201	63	21	6	3	0	0	0	2,423	
	MEDICINE Total			15,700	3,520	1,517	519	192	81	31	17	13	21,590
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)	112	20	10	2	1	0	0	0	0	145
703			Physical Education	1,590	215	74	16	1	3	0	0	0	1,899
704			Human Geography	261	23	15	2	0	1	0	0	0	302
705			Physical Geography	115	19	12	6	1	0	0	0	0	153
			Geography total	376	42	27	8	1	1	0	0	0	455
706			Home Science(inclu. Cloth/Living Environments)	692	63	12	3	0	0	0	0	0	770
707			Food Culture	533	32	5	1	0	0	0	0	0	571
			Domestic Science total	1,225	95	17	4	0	0	0	0	0	1,341
708			Science of Cultural Property	25	8	4	0	0	0	0	0	0	37
711			Science Education	212	32	13	3	0	0	0	0	0	260
712		Educational Engineering	338	47	17	4	2	0	0	0	0	408	
713		Curriculum Studies	1,025	120	45	11	5	0	0	0	0	1,206	
714		Japanese Language Education	207	24	8	5	2	0	0	0	0	246	
		Science Education·Curriculum Education total	1,782	223	83	23	9	0	0	0	0	2,120	
721	A R E A	Statistics	107	24	14	7	1	2	0	0	0	155	
731		Computer Science	599	195	122	22	3	1	1	0	1	944	
732		Intelligent Informatics	555	194	78	26	8	1	1	0	0	863	
733		Study of Information System (Inclu. Library and Information Science)	540	118	45	13	1	2	1	0	0	720	
		Information Science total	1,694	507	245	61	12	4	3	0	1	2,527	
741		Social System Engineering	309	68	32	10	2	1	1	0	0	423	
751		Natural Disaster Science	31	11	2	4	2	0	1	0	0	51	
761		Plasma Science and Technology	147	33	2	1	0	0	0	0	0	183	
772		Nuclear Fusion	40	15	4	0	0	0	0	0	0	59	

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

Code	Subj ect	Subd ivisio n	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	63	22	5	0	0	2	0	0	0	92
774			Nuclear Power Science	106	37	11	0	1	0	0	0	0	155
			Energy total	209	74	20	0	1	2	0	0	0	306
801			Environmental Dynamic Analysis	123	41	18	5	4	2	0	0	0	193
802			Environmental Influence Assessment (inclu. Radiobiology)	152	36	12	4	0	0	0	1	0	205
803			Environmental Preservation	225	55	21	3	1	1	1	0	0	307
			Environmental Science total	500	132	51	12	5	3	1	1	0	705
811			Biological Organic Chemistry	117	35	25	6	3	0	0	0	0	186
812			Structured Biochemistry	137	23	7	6	1	0	0	1	0	175
813			Functional Biochemistry	198	42	11	3	1	0	0	0	0	255
			Biological Chemistry total	452	100	43	15	5	0	0	1	0	616
821			Biophysics	188	41	14	3	0	1	0	0	0	247
822			Molecular Biology	451	94	24	5	4	0	0	0	0	578
823			Cell Biology	283	62	13	5	1	0	0	0	0	364
824			Developmental Biology	182	28	6	0	1	0	0	0	0	217
			Basic Biology total	1,104	225	57	13	6	1	0	0	0	1,406
831	A R E A		Neuroanatomy and Neuropathology	79	52	17	5	0	0	0	0	0	153
832			Neurochemistry and Neuropharmacology	100	42	13	2	5	0	1	0	0	163
833			Neuro Science in General	187	89	40	9	0	1	1	0	0	327
834			Neuro and Muscular Physiology	119	64	36	6	1	2	2	0	0	230
			Neuro Science (inclu. Brain Science) total	485	247	106	22	6	3	4	0	0	873
841			Laboratory Animal Science	78	10	6	1	0	1	0	0	0	96
851		Medical Organism Engineering and Material Science of Organism	276	106	35	16	5	1	0	0	0	439	
		INTERDISCIPLINARY AREA Total		10,502	2,140	828	215	57	22	10	2	1	13,777
999		WIDE AREA Total		1,854	233	98	27	12	5	0	0	0	2,229
		Item n.a. Total		71,673	6,153	1,952	456	150	36	11	4	7	80,442
		Grand Total		144,665	21,218	7,241	2,093	658	238	92	38	35	176,278

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
211	ARTS • HUMAN ANITIES		Philosophy	40	2	1	0	0	0	43
212			Chinese Philosophy	20	2	1	0	0	0	23
213			Indian Philosophy (inclu. Buddhist Studies)	83	11	2	0	0	1	97
214			Religion	41	2	0	0	0	0	43
215			Ethics	17	1	0	0	0	0	18
216			History of Philosophy	32	3	0	0	0	0	35
217			Aesthetics (inclu. Arts)	508	141	3	0	2	0	654
218			Art History	55	3	0	0	4	1	63
			Philosophy total	796	165	7	0	6	2	976
221			Experimental Psychology	108	3	1	1	1	0	114
222			Educational and Social	233	17	0	3	1	1	255
223			Sociology	166	22	0	1	1	1	191
224			Education	171	32	0	1	6	1	211
225			Cultural Anthropology (inclu. Ethnology and Folklore)	85	8	0	1	1	0	95
			Psychology • Sociology • Education Cultural Anthropology total	763	82	1	7	10	3	866
231			Japanese History	78	6	1	1	0	1	87
232			Oriental History	37	1	0	0	0	0	38
233			European History	38	5	0	0	0	0	43
234			Archaeology (inclu. Prehistory)	33	1	0	0	1	2	37
			History total	186	13	1	1	1	3	205
241			Japanese Language	47	3	0	0	0	0	50
242			Japanese Literature	163	26	4	0	0	0	193
243			Chinese Language and Literature	36	3	0	0	0	0	39
244			English Language and Literature	173	24	2	0	0	0	199
245			French Language and Literature	44	1	0	0	0	0	45
246			German Language and Literature	49	1	0	0	0	0	50
247			Other Foreign Languages and Literatures	33	3	0	0	0	0	36
248			Linguistics and Phonetics	84	4	1	0	1	0	90
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	48	5	0	0	0	0	53
			Literature total	677	70	7	0	1	0	755
			ARTS • HUMANITIES Total	2,422	330	16	8	18	8	2,802
261	LAW		Basic Science of Law	26	0	0	0	0	0	26
262			Public Law	25	1	0	0	0	0	26
263			International Law	35	0	0	0	0	0	35
264			Civil Law	45	0	0	1	0	0	46
265			Social Law	20	0	0	0	0	0	20
266			Criminal Law	8	0	0	0	0	0	8
267			Politics	107	1	0	0	0	0	108
			LAW Total	266	2	0	1	0	0	269
271	ECONOMICS		General Theory of Economics	85	0	0	0	0	0	85
272			Economical Statistics	19	0	0	0	0	0	19
273			Economic Policy (inclu. Economic Condition)	165	3	0	0	0	0	168
274			Economic History	46	2	0	0	0	0	48
275			Public Finance, Money and Banking	43	1	0	0	0	0	44
276			Commercial Science	78	6	0	0	0	0	84
277			Business Administration	156	10	0	0	0	0	166
278			Accounting	88	2	1	0	0	0	91
			ECONOMICS Total	680	24	1	0	0	0	705
301	SCIENCE		Algebra	21	0	1	0	0	0	22
302			Geometry	28	0	0	0	0	0	28
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	45	0	0	0	0	0	45
305			Basic Analysis	18	1	0	0	0	0	19
306			Larger-area Analysis	17	0	0	0	0	0	17
			Mathematics total	129	1	1	0	0	0	131
311			Astronomy	19	1	1	3	0	0	24
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	69	0	0	8	0	0	77

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)	56	0	2	2	0	0	60
323			Solid-State Physics II (Magnetism, Metal Physics,	74	0	1	0	0	0	75
324			Physical Properties in General (inclu. Basic Theories)	37	0	0	0	0	0	37
325			Physics in General	37	0	2	2	0	2	43
			Physics total	273	0	5	12	0	2	292
331			Physics of Solid Earth	36	0	0	2	0	0	38
332			Meteorology, Oceanography and Hydrology	88	0	4	1	0	0	93
333			Aeronomy	24	0	1	0	0	0	25
334			Geology	58	0	0	0	0	1	59
335			Stratigraphy and Paleontology	34	0	0	0	1	0	35
336			Mineralogy, Petrology and Study of Mineral Deposit	65	0	0	0	1	0	66
337			Geochemistry	39	1	0	0	0	0	40
			Earth Science total	344	1	5	3	2	1	356
341			Physical Chemistry	103	0	2	9	0	0	114
342			Organic Chemistry	114	0	1	2	0	2	119
343			Inorganic Chemistry	50	0	2	2	0	0	54
344			Function, Properties and Materials in Chemistry	73	0	1	1	0	0	75
345			Substance Transformation	17	0	0	0	0	0	17
346			Separation, Refining and Identification	50	0	2	1	0	0	53
			Chemistry total	407	0	8	15	0	2	432
351			Genetics	48	0	0	2	0	0	50
352			Ecology	67	2	0	0	2	1	72
353			Plant Physiology	44	1	0	3	0	0	48
354			Morphology, Structure of Organism	37	0	0	2	0	1	40
355			Animal Physiology and	40	0	0	1	0	0	41
356			Morphology and Taxonomy	35	1	1	1	5	1	44
			Biology total	271	4	1	9	7	3	295
361			Physical Anthropology (inclu. Physiological Anthropology)	24	1	0	0	0	0	25
	SCIENCE Total			1,467	8	21	42	9	8	1,555
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	75	0	4	0	0	0	79
402			Surface Physics	53	0	1	0	0	0	54
403			Applied Optics and Quantum Optics	87	1	5	3	0	1	97
404			General Applied Physics	46	1	3	1	0	6	57
405			Fundamentals of Engineering	31	0	2	0	0	0	33
			Applied Physics·Fundamentals of Engineering total	292	2	15	4	0	7	320
411			Materials for Machines and Strength of Materials	192	2	17	0	0	1	212
412			Workshop Processes and Production Engineering	161	1	21	1	0	0	184
413			Design Engineering, Machine Elements and Tribology	99	3	6	0	0	0	108
414			Fluid Mechanics	162	2	12	0	0	0	176
415			Heat Engineering	176	1	10	0	0	0	187
416			Mechanics and Control Engineering	110	0	16	0	0	0	126
417			Intelligent Mechanics and Machine System	158	1	7	1	1	0	168
			Machine Engineering total	1,058	10	89	2	1	1	1,161
421	G		Electric Power Engineering and Electric Machinery	171	1	26	1	0	0	199
422			Electronic and Electric Materials Engineering	138	1	8	0	0	2	149
423			Electron Devices and Apparatus Engineering	174	4	10	1	0	0	189
424			Information and Communication Engineering	317	3	13	3	0	0	336

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
425	E N G I N E E R I N G		System Engineering	69	2	2	0	1	0	74
427			Electronic Measurements	140	1	14	0	0	0	155
428			Control Engineering	113	0	13	0	0	1	127
			Electric and Electronic Engineering	1,122	12	86	5	1	3	1,229
431			Construction Materials and Dynamics in General Civil Engineering	64	0	5	0	0	0	69
432			Structural Engineering and Seismology	84	2	4	0	0	0	90
433			Ground Engineering	90	0	6	1	0	1	98
434			Hydraulics and River Engineering	73	1	2	0	0	0	76
435			Traffic Engineering and Regional Planning	81	3	1	0	0	0	85
436			Civil Environmental System	69	0	7	0	0	0	76
			Civil Engineering total	461	6	25	1	0	1	494
441		G	Building Structure and Materials	136	3	3	0	0	1	143
442			Building Science and Building Equipment	105	4	4	0	0	2	115
443			City Planning and Building Planning	221	5	3	0	0	0	229
444			Architectural History and Design	83	6	1	0	0	0	90
			Architecture total	545	18	11	0	0	3	577
451		N	Physical Metallurgy	84	0	5	0	0	1	90
452			Inorganic Materials and	127	0	3	0	0	0	130
453			Composed Materials and Properties	36	0	3	0	1	0	40
454			Structural and Functional Materials	98	1	4	0	0	2	105
455		R	Metallurgy and Material	146	1	9	0	0	0	156
456			Metal Productive Engineering	74	1	0	0	0	0	75
			Material Engineering total	565	3	24	0	1	3	596
461		G	Chemical Engineering in General	78	0	4	0	0	0	82
462			Reaction and Separation Engineering	44	0	0	0	0	0	44
463			Catalyst and Chemical Process	45	0	0	1	0	0	46
464			Bioengineering	99	0	1	0	0	0	100
465			Industrial Analytical Chemistry	41	1	4	0	0	0	46
			Process Engineering total	307	1	9	1	0	0	318
471			Industrial Physical Chemistry	77	0	1	0	0	0	78
472			Industrial Inorganic Chemistry	36	0	2	0	0	0	38
473			Industrial Organic Chemistry	29	1	2	0	0	0	32
474			Synthetic Chemistry	78	0	2	0	0	0	80
475			Polymer Synthesis	68	0	3	0	0	0	71
476			Polymer Structure and Property (inclu. Fiber)	82	5	2	0	0	0	89
			Industrial Chemistry total	370	6	12	0	0	0	388
481			Aeronautics	44	0	2	0	0	0	46
482			Ship Engineering	44	0	5	0	0	0	49
483			Marine Engineering	20	0	0	0	0	0	20
484			Resource Development Engineering	53	0	1	0	0	0	54
			Synthetic Engineering total	161	0	8	0	0	0	169
			ENGINEERING Total	4,881	58	279	13	3	18	5,252
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	2	1	0	0	0	33
503			Horticulture and Landscape Architecture	104	8	0	0	0	1	113
504			Plant Protection	47	2	0	0	0	0	49
505			Sericultural Science and Economic Entomology	22	0	0	0	0	4	26
			Agriculture total	223	12	1	0	0	5	241
511			Plant Fertilizer and Manure and Soil Science	52	1	0	0	0	0	53
512			Applied Microbiochemistry and Applied Biochemistry	123	2	1	0	0	2	128
513			Biological Productive Chemistry and Bioorganic Chemistry	53	1	0	0	0	0	54
514			Food Science and Nutritional Chemistry	122	10	1	0	0	1	134

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
	A		Agricultural Chemistry total	350	14	2	0	0	3	369
521			Forestry	76	0	0	0	0	0	76
522	G		Wood Science	60	0	0	0	0	1	61
			Forestry total	136	0	0	0	0	1	137
531	R		Fisheries in General	86	0	0	0	0	0	86
532			Fisheries Chemistry	33	2	0	0	0	0	35
			Fisheries total	119	2	0	0	0	0	121
541	I		Agricultural Economics	89	3	0	0	0	0	92
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	45	2	0	0	0	0	47
552	U		Agricultural Machinery	36	1	0	0	0	0	37
553	L		Biological Environment	22	1	0	0	0	0	23
			Agricultural Engineering total	103	4	0	0	0	0	107
561	T		Animal Science and Grassland Science	46	4	0	0	0	0	50
562	U		Applied Animal Science	56	2	0	0	0	1	59
563	R		Basic Veterinary Medicine and Basic Animal Science	47	1	0	0	1	2	51
564			Applied Veterinary Medicine	67	0	0	0	0	2	69
	E		Animal Science·Veterinary Medicine total	216	7	0	0	1	5	229
571			Biological Resource Science	17	0	0	0	0	0	17
572			Applied Molecular Cell Biology	19	0	0	0	0	0	19
			Interdisciplinary Agricultural Science total	36	0	0	0	0	0	36
			AGRICULTURE Total	1,272	42	3	0	1	14	1,332
601			Anatomy in General (inclu. Histology, Embryology)	56	2	0	0	0	0	58
602			Physiology in General	81	1	0	2	0	0	84
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	61	4	0	0	0	0	65
604			Pharmacology in General	76	2	0	0	0	0	78
605			Medical Chemistry in General	69	4	0	0	0	1	74
606			Pathological Medical Chemistry	43	1	0	0	0	1	45
	M		Physiology total	386	14	0	2	0	2	404
611			Hominal Pathology	71	0	0	0	0	1	72
612	E		Experimental Pathology	47	0	0	0	0	3	50
613	D		Parasitology (inclu. Medical Zoology)	35	1	0	0	0	0	36
614			Bacteriology (inclu. Eumycetes)	87	3	0	0	0	1	91
615	I		Virology	37	0	0	0	0	0	37
616			Immunology	80	1	0	0	0	0	81
	C		Pathology total	357	5	0	0	0	5	367
621			Hygiene	53	2	0	0	0	3	58
622	I		Public Health and Health Science	147	20	0	0	0	0	167
623			Legal Medicine	42	0	0	0	0	0	42
	N		Social Medicine total	242	22	0	0	0	3	267
631			Internal Medicine in General	111	3	0	0	0	1	115
632	E		Gastroenterology	146	0	0	0	0	2	148
633			Internal Medicine Respiratory System	60	0	0	0	0	0	60
634			Neurological Medicine	62	0	0	0	0	0	62
635			Cardioangiology	134	0	0	0	0	1	135
636			Pediatrics	113	0	0	0	0	0	113
637			Dermatology	53	0	0	0	0	0	53
638			Radiology	132	4	0	1	0	1	138
639			Neuropsychiatry	63	1	0	0	0	0	64
641			Hematology	65	2	0	0	0	0	67
642			Internal Medicine of Kidney	61	0	0	0	0	0	61
643			Embryology and Newborn	5	0	0	0	0	0	5
644			Endocrinology	62	0	0	0	0	0	62
645			Metabolic Science	45	0	0	0	0	0	45
			Internal Medicine total	1,112	10	0	1	0	5	1,128
651			Surgery in General	66	0	0	0	0	0	66
652			Gastroenterological Surgery	80	0	0	0	0	1	81
653			Thoracic Surgery	47	0	0	0	0	0	47

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	81	0	0	0	0	0	81		
655			Orthopedic Surgery	121	0	0	0	0	0	121		
656			Anesthesiology and Rescue Medicine	76	1	0	0	0	0	77		
657			Urology	70	0	0	0	0	0	70		
658			Obstetrics and Gynecology	89	0	0	0	0	0	89		
659			Oto-rhino-laryngology	30	0	0	0	0	0	30		
660			Ophthalmology	67	0	0	0	0	0	67		
661			Pediatric Surgery	19	0	0	0	0	0	19		
662			Formative Surgery	8	0	0	0	0	0	8		
			Surgery total			754	1	0	0	0	1	756
671	E		Oral Anatomy and Morphological Basic Dentistry	48	0	0	0	0	0	48		
672	D		Functional Basic Dentistry	36	1	0	0	0	0	37		
673	I		Morbid Dentistry (inclu. Dental Radiology)	25	0	0	0	0	0	25		
674	C		Conservative Dentistry	43	1	0	0	0	0	44		
675	I		Prosthodontics and Dental Technology	85	1	0	0	0	0	86		
676			Oral Surgery	57	0	0	0	0	0	57		
677	N		Orthodontics, Pedodontics and Social Dentistry	72	3	0	0	0	0	75		
678	E		Periodontological Dentistry	21	0	0	0	0	0	21		
			Dentistry total			387	6	0	0	0	393	
681				Chemical Pharmaceutics	115	1	0	0	0	3	119	
682		Physical Pharmaceutics		62	0	0	0	0	0	62		
683		Biopharmaceutics		123	0	0	0	0	2	125		
684		Molecular Pharmaceutics		41	0	0	0	0	0	41		
685		Environmental Pharmaceutics		18	0	0	0	0	0	18		
		Pharmaceutics total			359	1	0	0	5	365		
691			Medical Sociology	46	3	1	0	0	0	50		
692			Human Genetics	29	2	0	0	0	1	32		
693			Applied Pharmacology and Medical Pharmacology	55	0	0	0	0	0	55		
694			Pathological Examination	48	4	0	0	0	0	52		
696	Science of Basic and Local Nursing		32	7	0	0	0	0	39			
697	Science of Clinical Nursing		26	4	0	0	0	0	30			
	Medicine in General total			236	20	1	0	0	1	258		
	MEDICINE Total			3,833	79	1	3	0	22	3,938		
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)	28	0	0	0	1	0	29		
703			Physical Education	163	14	3	0	0	0	180		
704			Human Geography	47	0	1	0	0	0	48		
705			Physical Geography	31	0	0	0	0	0	31		
			Geography total	78	0	1	0	0	0	79		
706			Home Science(inclu. Cloth/Living Environments)	98	44	0	0	0	0	142		
707			Food Culture	49	27	0	0	0	0	76		
			Domestic Science total			147	71	0	0	0	218	
708			Science of Cultural Property	5	1	0	0	0	0	6		
711				Science Education	48	1	6	0	2	0	57	
712	Educational Engineering	60		2	4	6	1	0	73			
713	Curriculum Studies	149		28	2	0	1	0	180			
714	Japanese Language Education	9		1	0	0	1	0	11			
	A R E A		Science Education·Curriculum Education total	266	32	12	6	5	0	321		
721			Statistics	43	1	0	1	0	0	45		
731			Computer Science	220	6	9	0	0	0	235		
732			Intelligent Informatics	275	4	7	1	0	0	287		
733			Study of Information System (Inclu. Library and Information Science)	132	5	2	0	0	1	140		
			Information Science total			627	15	18	1	0	1	662
741			Social System Engineering	139	2	3	0	0	0	144		
751			Natural Disaster Science	12	1	1	0	0	0	14		
761			Plasma Science and Technology	52	0	1	0	0	1	54		
772			I	Nuclear Fusion	20	1	1	0	0	1	23	

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	Nuclear Energy Related Sciences		Energy Science General	43	0	2	0	0	0	45	
774			Nuclear Power Science	49	0	1	2	0	0	52	
			Energy total	112	1	4	2	0	1	120	
801			Environmental Dynamic Analysis	55	0	0	0	0	0	55	
802			Environmental Influence Assessment (inclu. Radiobiology)	52	1	1	0	0	3	57	
803			Environmental Preservation	97	1	0	0	0	2	100	
			Environmental Science total	204	2	1	0	0	5	212	
811			Biological Organic Chemistry	49	1	1	0	0	1	52	
812			Structured Biochemistry	38	1	0	1	0	1	41	
813			Functional Biochemistry	52	0	0	0	0	0	52	
			Biological Chemistry total	139	2	1	1	0	2	145	
821			Biophysics	30	0	0	1	0	0	31	
822			Molecular Biology	105	0	0	2	0	3	110	
823			Cell Biology	77	1	0	3	0	3	84	
824			Developmental Biology	33	0	0	2	0	0	35	
			Basic Biology total	245	1	0	8	0	6	260	
831		Area		Neuroanatomy and Neuropathology	25	0	0	0	0	0	25
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	35	0	0	3	0	0	38
			Neuro Science (inclu. Brain Science) total	147	1	0	7	0	1	156	
841			Laboratory Animal Science	19	0	0	0	0	3	22	
851			Medical Organism Engineering and Material Science of Organism	168	4	6	0	0	1	179	
	INTERDISCIPLINARY AREA Total			2,594	148	51	26	6	21	2,846	
999	WIDE AREA Total			463	60	5	1	1	0	530	
	Item n.a. Total			7,239	226	223	32	18	48	7,786	
	Grand Total			25,117	977	600	126	56	139	27,015	

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	8	0	0	0	0	0	8
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	7	0	0	0	0	0	7
217			Aesthetics (inclu. Arts)	119	25	1	0	1	0	146
218			Art History	10	0	0	0	0	0	10
			Philosophy total	154	25	1	0	1	0	181
221			Experimental Psychology	12	0	0	0	0	0	12
222			Educational and Social	26	0	0	0	0	0	26
223			Sociology	26	3	0	0	0	0	29
224			Education	17	4	0	0	0	0	21
225			Cultural Anthropology (inclu. Ethnology and Folklore)	25	0	0	1	0	0	26
			Psychology·Sociology·Education Cultural Anthropology total	106	7	0	1	0	0	114
231			Japanese History	5	0	0	0	0	1	6
232			Oriental History	10	0	0	0	0	0	10
233			European History	10	2	0	0	0	0	12
234			Archaeology (inclu. Prehistory)	1	0	0	0	0	0	1
			History total	26	2	0	0	0	1	29
241			Japanese Language	4	0	0	0	0	0	4
242			Japanese Literature	6	1	0	0	0	0	7
243			Chinese Language and Literature	13	1	0	0	0	0	14
244			English Language and Literature	56	11	0	0	0	0	67
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	15	0	0	0	0	0	15
248			Linguistics and Phonetics	34	3	0	0	0	0	37
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	13	1	0	0	0	0	14
			Literature total	165	17	0	0	0	0	182
			ARTS·HUMANITIES Total	451	51	1	1	1	1	506
261	L A W		Basic Science of Law	5	0	0	0	0	0	5
262			Public Law	3	0	0	0	0	0	3
263			International Law	9	0	0	0	0	0	9
264			Civil Law	5	0	0	0	0	0	5
265			Social Law	0	0	0	0	0	0	0
266			Criminal Law	1	0	0	0	0	0	1
267			Politics	24	1	0	0	0	0	25
			LAW Total	47	1	0	0	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)	14	0	0	0	0	0	14
274			Economic History	5	0	0	0	0	0	5
275			Public Finance, Money and Banking	5	0	0	0	0	0	5
276			Commercial Science	2	1	0	0	0	0	3
277			Business Administration	26	0	0	0	0	0	26
278			Accounting	4	0	0	0	0	0	4
			ECONOMICS Total	80	1	0	0	0	0	81
301	S C I E N C E		Algebra	3	0	0	0	0	0	3
302			Geometry	1	0	0	0	0	0	1
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	18	0	0	0	0	0	18
311			Astronomy	4	0	0	0	0	0	4
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	20	0	0	2	0	0	22

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)	13	0	0	0	0	0	13
323			Solid-State Physics II (Magnetism, Metal Physics,	6	0	0	0	0	0	6
324			Physical Properties in General (inclu. Basic Theories)	8	0	0	0	0	0	8
325			Physics in General	10	0	1	0	0	0	11
			Physics total	57	0	1	2	0	0	60
331			Physics of Solid Earth	11	0	0	0	0	0	11
332			Meteorology, Oceanography and Hydrology	9	0	0	0	0	0	9
333			Aeronomy	7	0	0	0	0	0	7
334			Geology	5	0	0	0	0	0	5
335			Stratigraphy and Paleontology	3	0	0	0	0	0	3
336			Mineralogy, Petrology and Study of Mineral Deposit	8	0	0	0	0	0	8
337			Geochemistry	3	0	0	0	0	0	3
			Earth Science total	46	0	0	0	0	0	46
341			Physical Chemistry	10	0	0	0	0	0	10
342			Organic Chemistry	9	0	0	0	0	1	10
343			Inorganic Chemistry	3	0	0	0	0	0	3
344			Function, Properties and Materials in Chemistry	14	0	0	0	0	0	14
345			Substance Transformation	1	0	0	0	0	0	1
346			Separation, Refining and Identification	3	0	0	0	0	0	3
			Chemistry total	40	0	0	0	0	1	41
351			Genetics	5	0	0	0	0	0	5
352			Ecology	7	0	0	0	0	0	7
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	1	0	0	0	0	0	1
356			Morphology and Taxonomy	9	0	1	0	2	0	12
			Biology total	31	0	1	2	2	1	37
361			Physical Anthropology (inclu. Physiological Anthropology)	3	0	0	0	0	0	3
	SCIENCE Total			199	0	2	4	2	2	209
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	22	0	0	0	0	0	22
402			Surface Physics	7	0	0	0	0	0	7
403			Applied Optics and Quantum Optics	25	0	1	0	0	0	26
404			General Applied Physics	7	1	2	0	0	0	10
405			Fundamentals of Engineering	2	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	63	1	3	0	0	0	67
411			Materials for Machines and Strength of Materials	32	0	2	0	0	1	35
412			Workshop Processes and Production Engineering	13	0	0	0	0	0	13
413			Design Engineering, Machine Elements and Tribology	14	0	0	0	0	0	14
414			Fluid Mechanics	22	0	1	0	0	0	23
415			Heat Engineering	31	1	0	0	0	0	32
416			Mechanics and Control Engineering	19	0	2	0	0	0	21
417			Intelligent Mechanics and Machine System	45	0	1	1	0	0	47
			Machine Engineering total	176	1	6	1	0	1	185
421			Electric Power Engineering and Electric Machinery	36	0	1	0	0	0	37
422			Electronic and Electric Materials Engineering	31	0	2	0	0	0	33
423			Electron Devices and Apparatus Engineering	54	1	1	0	0	0	56
424			Information and Communication Engineering	66	0	2	0	0	0	68

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 N G I N E E R I N G		System Engineering	21	1	1	0	0	0	23
427			Electronic Measurements	20	0	2	0	0	0	22
428			Control Engineering	30	0	0	0	0	0	30
			Electric and Electronic Engineering	258	2	9	0	0	0	269
431			Construction Materials and Dynamics in General Civil Engineering	12	0	1	0	0	0	13
432			Structural Engineering and Seismology	9	0	0	0	0	0	9
433			Ground Engineering	20	0	0	0	0	0	20
434			Hydraulics and River Engineering	20	1	0	0	0	0	21
435			Traffic Engineering and Regional Planning	13	1	0	0	0	0	14
436			Civil Environmental System	3	1	1	0	0	0	5
			Civil Engineering total	77	3	2	0	0	0	82
441			Building Structure and Materials	25	0	2	0	0	0	27
442			Building Science and Building Equipment	12	2	1	0	0	1	16
443			City Planning and Building Planning	31	0	0	0	0	0	31
444			Architectural History and Design	14	0	0	0	0	0	14
			Architecture total	82	2	3	0	0	1	88
451			Physical Metallurgy	10	0	1	0	0	0	11
452			Inorganic Materials and	25	0	0	0	0	0	25
453			Composed Materials and Properties	7	0	0	0	0	0	7
454			Structural and Functional Materials	19	0	0	0	0	0	19
455			Metallurgy and Material	27	0	1	0	0	0	28
456			Metal Productive Engineering	11	0	0	0	0	0	11
			Material Engineering total	99	0	2	0	0	0	101
461			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	6	0	0	0	0	0	6
464			Bioengineering	10	0	0	0	0	0	10
465			Industrial Analytical Chemistry	6	0	0	0	0	0	6
			Process Engineering total	37	0	0	0	0	0	37
471			Industrial Physical Chemistry	11	0	1	0	0	0	12
472			Industrial Inorganic Chemistry	8	0	0	0	0	0	8
473			Industrial Organic Chemistry	5	0	0	0	0	0	5
474			Synthetic Chemistry	4	0	0	0	0	0	4
475			Polymer Synthesis	5	0	0	0	0	0	5
476			Polymer Structure and Property (inclu. Fiber)	6	0	0	0	0	0	6
			Industrial Chemistry total	39	0	1	0	0	0	40
481			Aeronautics	9	0	1	0	0	0	10
482			Ship Engineering	3	0	0	0	0	0	3
483			Marine Engineering	3	0	0	0	0	0	3
484			Resource Development Engineering	9	0	0	0	0	0	9
			Synthetic Engineering total	24	0	1	0	0	0	25
			ENGINEERING Total	855	9	27	1	0	2	894
501	A G R I C U L T U R E		Plant Breeding	2	0	0	0	0	0	2
502			Crop Science	6	0	0	0	0	0	6
503			Horticulture and Landscape Architecture	5	0	0	0	0	0	5
504			Plant Protection	7	0	0	0	0	0	7
505			Sericultural Science and Economic Entomology	1	0	0	0	0	0	1
			Agriculture total	21	0	0	0	0	0	21
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	14	2	0	0	0	0	16

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
	A		Agricultural Chemistry total	33	2	0	0	0	0	35
521			Forestry	3	0	0	0	0	0	3
522	G		Wood Science	4	0	0	0	0	0	4
			Forestry total	7	0	0	0	0	0	7
531	R		Fisheries in General	6	0	0	0	0	0	6
532			Fisheries Chemistry	4	0	0	0	0	0	4
			Fisheries total	10	0	0	0	0	0	10
541	I		Agricultural Economics	3	1	0	0	0	0	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	5	1	0	0	0	0	6
552	U		Agricultural Machinery	7	1	0	0	0	0	8
553	L		Biological Environment	5	0	0	0	0	0	5
			Agricultural Engineering total	17	2	0	0	0	0	19
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	10	0	0	0	0	0	10
564			Applied Veterinary Medicine	9	0	0	0	0	0	9
	E		Animal Science-Veterinary Medicine total	27	1	0	0	0	0	28
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	122	6	0	0	0	0	128
601			Anatomy in General (inclu. Histology, Embryology)	17	0	0	0	0	0	17
602			Physiology in General	14	0	0	1	0	0	15
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	11	1	1	0	0	0	13
604			Pharmacology in General	11	0	0	0	0	0	11
605			Medical Chemistry in General	12	0	0	0	0	1	13
606			Pathological Medical Chemistry	8	0	0	0	0	0	8
	M		Physiology total	73	1	1	1	0	1	77
611			Hominal Pathology	13	0	0	0	0	0	13
612	E		Experimental Pathology	11	0	0	0	0	0	11
613	D		Parasitology (inclu. Medical Zoology)	3	0	0	0	0	0	3
614			Bacteriology (inclu. Eumycetes)	9	0	0	0	0	1	10
615	I		Virology	7	0	0	0	0	0	7
616			Immunology	17	0	0	0	0	1	18
	C		Pathology total	60	0	0	0	0	2	62
621			Hygiene	5	0	0	0	0	0	5
622	I		Public Health and Health Science	20	1	0	0	0	1	22
623			Legal Medicine	8	0	0	0	0	0	8
	N		Social Medicine total	33	1	0	0	0	1	35
631			Internal Medicine in General	22	0	0	0	0	1	23
632	E		Gastroenterology	21	0	0	0	0	0	21
633			Internal Medicine Respiratory System	11	0	0	0	0	0	11
634			Neurological Medicine	14	0	0	0	0	0	14
635			Cardioangiopathy	46	0	0	0	0	0	46
636			Pediatrics	18	0	0	0	0	0	18
637			Dermatology	16	0	0	0	0	0	16
638			Radiology	72	2	0	0	0	1	75
639			Neuropsychiatry	15	0	0	0	0	0	15
641			Hematology	15	1	0	0	0	0	16
642			Internal Medicine of Kidney	10	0	0	0	0	0	10
643			Embryology and Newborn	2	0	0	0	0	0	2
644			Endocrinology	18	0	0	0	0	0	18
645			Metabolic Science	7	0	0	0	0	0	7
			Internal Medicine total	287	3	0	0	0	2	292
651			Surgery in General	24	0	0	0	0	0	24
652			Gastroenterological Surgery	18	0	0	0	0	2	20
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	12	0	0	0	0	0	12
655			Orthopedic Surgery	51	1	0	0	0	0	52
656			Anesthesiology and Rescue Medicine	13	0	0	0	0	0	13
657			Urology	17	0	0	0	0	1	18
658			Obstetrics and Gynecology	30	0	0	0	0	0	30
659			Oto-rhino-laryngology	8	0	0	0	0	0	8
660			Ophthalmology	25	0	0	0	0	0	25
661			Pediatric Surgery	8	0	0	0	0	0	8
662			Formative Surgery	7	0	0	0	0	0	7
			Surgery total	226	1	0	0	0	3	230
671	E		Oral Anatomy and Morphological Basic Dentistry	13	0	0	0	0	13	
672	D		Functional Basic Dentistry	8	0	0	0	0	8	
673	I		Morbid Dentistry (inclu. Dental Radiology)	4	0	0	0	0	4	
674	C		Conservative Dentistry	13	0	0	0	0	13	
675	I		Prosthodontics and Dental Technology	9	0	0	0	0	9	
676			Oral Surgery	22	0	0	0	0	22	
677	N		Orthodontics, Pedodontics and Social Dentistry	18	0	0	0	0	18	
678	E		Periodontological Dentistry	14	0	0	0	0	14	
			Dentistry total	101	0	0	0	0	101	
681				Chemical Pharmaceutics	7	1	0	0	0	8
682		Physical Pharmaceutics		8	0	0	0	0	8	
683		Biopharmaceutics		15	0	0	0	0	15	
684		Molecular Pharmaceutics		1	0	0	0	0	1	
685		Environmental Pharmaceutics		5	0	0	0	0	5	
		Pharmaceutics total	36	1	0	0	0	37		
691			Medical Sociology	7	0	0	0	0	7	
692			Human Genetics	6	0	0	0	0	6	
693			Applied Pharmacology and Medical Pharmacology	7	0	0	0	0	7	
694			Pathological Examination	8	0	0	0	0	8	
696	Science of Basic and Local Nursing		8	0	0	0	0	8		
697	Science of Clinical Nursing		5	0	0	0	0	5		
	Medicine in General total	41	0	0	0	0	41			
	MEDICINE Total			857	7	1	1	0	9	875
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	5	0	0	0	0	0	5
705			Physical Geography	0	0	0	0	0	0	0
			Geography total	5	0	0	0	0	0	5
706			Home Science(inclu. Cloth/Living Environments)	6	1	0	0	0	0	7
707			Food Culture	3	1	0	0	0	0	4
			Domestic Science total	9	2	0	0	0	0	11
708			Science of Cultural Property	1	1	0	0	0	0	2
711				Science Education	6	0	0	0	0	0
712	Educational Engineering	5		1	0	1	1	0	8	
713	Curriculum Studies	19		1	0	0	0	0	20	
714	Japanese Language Education	5		0	0	0	0	0	5	
	Science Education·Curriculum Education total	35		2	0	1	1	0	39	
721	Statistics	7		0	0	0	0	0	7	
731	A R E A		Computer Science	55	1	1	0	0	0	57
732			Intelligent Informatics	61	0	2	0	0	0	63
733			Study of Information System (Inclu. Library and Information Science)	16	1	0	1	0	0	18
			Information Science total	132	2	3	1	0	0	138
741			Social System Engineering	19	0	1	0	0	0	20
751			Natural Disaster Science	2	1	0	0	0	0	3
761	I		Plasma Science and Technology	8	0	0	0	0	8	
772			Nuclear Fusion	4	0	1	0	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	0	0	12
774			Nuclear Power Science	7	0	0	0	0	0	7
			Energy total	22	0	2	0	0	0	24
801			Environmental Dynamic Analysis	7	0	0	0	0	0	7
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	0	0	0	0	5
803			Environmental Preservation	14	0	0	0	0	0	14
			Environmental Science total	26	0	0	0	0	0	26
811			Biological Organic Chemistry	4	0	0	0	0	0	4
812			Structured Biochemistry	3	0	0	0	0	0	3
813			Functional Biochemistry	6	0	0	0	0	0	6
			Biological Chemistry total	13	0	0	0	0	0	13
821			Biophysics	9	0	0	0	0	0	9
822			Molecular Biology	16	0	0	0	0	0	16
823			Cell Biology	11	0	0	0	0	1	12
824			Developmental Biology	6	0	0	0	0	1	7
			Basic Biology total	42	0	0	0	0	2	44
831			Neuroanatomy and Neuropathology	6	0	0	0	0	0	6
832			Neurochemistry and Neuropharmacology	3	0	0	0	0	0	3
833			Neuro Science in General	9	0	0	0	0	0	9
834			Neuro and Muscular Physiology	9	0	0	0	0	0	9
			Neuro Science (inclu. Brain Science) total	27	0	0	0	0	0	27
841			Laboratory Animal Science	2	0	0	0	0	1	3
851			Medical Organism Engineering and Material Science of Organism	43	2	1	0	0	0	46
			INTERDISCIPLINARY AREA Total	416	12	7	2	1	3	441
999	WIDE AREA Total			108	7	0	0	0	0	115
	Item n.a. Total			1,206	28	14	4	1	6	1,259
	Grand Total			4,341	122	52	13	5	23	4,556

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	99	1	3	103	16,741	1,002	108	17,851	13,039	1,417	138	14,594	3,287	569	53	3,909
	Municipal	30	3	0	33	2,392	339	13	2,744	1,669	398	20	2,087	901	307	14	1,222
	Private	275	22	3	300	23,751	2,945	697	27,393	10,275	2,626	362	13,263	6,796	2,127	249	9,172
	total	404	26	6	436	42,884	4,286	818	47,988	24,983	4,441	520	29,944	10,984	3,003	316	14,303
Junior Colleges	National	2	0	1	3	49	6	1	56	25	10	3	38	7	5	0	12
	Municipal	13	1	0	14	259	97	3	359	182	136	1	319	91	137	4	232
	Private	122	19	2	143	2,427	1,312	12	3,751	1,379	1,263	6	2,648	906	1,138	18	2,062
	total	137	20	3	160	2,735	1,415	16	4,166	1,586	1,409	10	3,005	1,004	1,280	22	2,306
Colleges of Technology	National	7	0	0	7	1,421	22	6	1,449	1,381	56	5	1,442	334	38	3	375
	Municipal	0	0	0	0	143	1	0	144	89	7	0	96	35	8	0	43
	Private	1	0	0	1	64	0	0	64	39	2	0	41	38	2	1	41
	total	8	0	0	8	1,628	23	6	1,657	1,509	65	5	1,579	407	48	4	459
Inter-University Research Institutes		1	0	0	1	135	5	1	141	146	13	0	159	1	0	0	1
Government Research Institutes		0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Private Scientific Research Institutes		1	0	0	1	7	0	0	7	3	0	0	3	2	1	0	3
Grand Total	National	109	1	4	114	18,347	1,035	116	19,498	14,591	1,496	146	16,233	3,629	612	56	4,297
	Municipal	43	4	0	47	2,794	437	16	3,247	1,940	541	21	2,502	1,027	452	18	1,497
	Private	399	41	5	445	26,249	4,257	709	31,215	11,696	3,891	368	15,955	7,742	3,268	268	11,278
	total	551	46	9	606	47,390	5,729	841	53,960	28,227	5,928	535	34,690	12,398	4,332	342	17,072

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	10,410	1,782	130	12,322	554	172	20	746	8,714	2,859	199	11,772	711	201	16	928
	Municipal	1,358	502	25	1,885	117	26	0	143	400	157	6	563	13	6	0	19
	Private	5,100	2,357	246	7,703	833	220	35	1,088	2,501	1,212	69	3,782	59	17	1	77
	total	16,868	4,641	401	21,910	1,504	418	55	1,977	11,615	4,228	274	16,117	783	224	17	1,024
Junior Colleges	National	15	5	1	21	0	0	0	0	0	0	0	0	0	0	0	0
	Municipal	25	125	0	150	2	1	0	3	2	0	0	2	0	0	0	0
	Private	75	437	12	524	68	38	1	107	1	6	0	7	0	1	0	1
	total	115	567	13	695	70	39	1	110	3	6	0	9	0	1	0	1
Colleges of Technology	National	384	40	3	427	30	1	0	31	6	2	0	8	0	0	0	0
	Municipal	5	1	1	7	2	0	0	2	0	0	0	0	0	0	0	0
	Private	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
	total	396	41	4	441	32	1	0	33	6	2	0	8	0	0	0	0
Inter-University Research Institutes		203	19	3	225	25	0	0	25	24	1	0	25	59	6	0	65
Government Research Institutes		0	0	0	0	340	69	3	412	0	0	0	0	0	0	0	0
Private Scientific Research Institutes		3	0	0	3	623	138	5	766	1	0	0	1	7	4	0	11
Grand Total	National	11,012	1,846	137	12,995	949	242	23	1,214	8,744	2,862	199	11,805	770	207	16	993
	Municipal	1,388	628	26	2,042	121	27	0	148	402	157	6	565	13	6	0	19
	Private	5,185	2,794	258	8,237	1,524	396	41	1,961	2,503	1,218	69	3,790	66	22	1	89
	total	17,585	5,268	421	23,274	2,594	665	64	3,323	11,649	4,237	274	16,160	849	235	17	1,101

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	848	180	11,413	12,441	54,403	8,183	12,080	74,666
	Municipal	67	13	1,423	1,503	6,947	1,751	1,501	10,199
	Private	885	220	9,416	10,521	50,475	11,746	11,078	73,299
	total	1,800	413	22,252	24,465	111,825	21,680	24,659	158,164
Junior Colleges	National	1	0	43	44	99	26	49	174
	Municipal	4	6	146	156	578	503	154	1,235
	Private	44	47	500	591	5,022	4,261	551	9,834
	total	49	53	689	791	5,699	4,790	754	11,243
Colleges of Technology	National	33	4	75	112	3,596	163	92	3,851
	Municipal	1	0	2	3	275	17	3	295
	Private	3	1	0	4	152	5	1	158
	total	37	5	77	119	4,023	185	96	4,304
Inter-University Research Institutes		10	0	498	508	604	44	502	1,150
Government Research Institutes		10	4	42	56	351	73	45	469
Private Scientific Research Institutes		59	6	88	153	706	149	93	948
Grand Total	National	902	188	12,071	13,161	59,053	8,489	12,768	80,310
	Municipal	72	19	1,571	1,662	7,800	2,271	1,658	11,729
	Private	991	274	10,004	11,269	56,355	16,161	11,723	84,239
	total	1,965	481	23,646	26,092	123,208	26,921	26,149	176,278

Table 58. Last Degree Course Completed by Institution Type

Organizations		Total	Graduate School				Faculty at Universities	Others (inclu. Unknown)	Country		
			Doctoral course	Master's course	Unknown	total			Japan	Foreign Countries	Unknown
Universities	National	74,666	28,838	20,199	1,172	50,209	10,171	14,286	57,377	2,424	14,865
	Municipal	10,199	3,940	2,366	123	6,429	1,790	1,980	7,852	320	2,027
	Private	73,299	27,270	16,255	941	44,466	15,501	13,332	56,507	3,377	13,415
	total	158,164	60,048	38,820	2,236	101,104	27,462	29,598	121,736	6,121	30,307
Junior Colleges	National	174	33	52	2	87	34	53	121	3	50
	Municipal	1,235	359	352	16	727	285	223	1,018	24	193
	Private	9,834	2,045	2,802	120	4,967	3,192	1,675	8,535	409	890
	total	11,243	2,437	3,206	138	5,781	3,511	1,951	9,674	436	1,133
Colleges of Technology	National	3,851	1,301	1,499	19	2,819	766	266	3,657	60	134
	Municipal	295	114	120	2	236	50	9	285	1	9
	Private	158	26	49	4	79	62	17	131	11	16
	total	4,304	1,441	1,668	25	3,134	878	292	4,073	72	159
Inter-University Research Institutes		1,150	342	80	35	457	29	664	446	9	695
Government Research Institutes		469	190	170	7	367	54	48	403	13	53
Private Scientific Research Institutes		948	254	187	35	476	302	170	780	26	142
Grand Total	National	80,310	30,704	22,000	1,235	53,939	11,054	15,317	62,004	2,509	15,797
	Municipal	11,729	4,413	2,838	141	7,392	2,125	2,212	9,155	345	2,229
	Private	84,239	29,595	19,293	1,100	49,988	19,057	15,194	65,953	3,823	14,463
	total	176,278	64,712	44,131	2,476	111,319	32,236	32,723	137,112	6,677	32,489

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	81	13,363	10,636	2,889	8,138	407	150	679	490	36,833
	Municipal	27	1,791	1,323	791	895	51	7	9	30	4,924
	Private	174	13,397	5,998	4,937	3,320	471	66	43	476	28,882
	total	282	28,551	17,957	8,617	12,353	929	223	731	996	70,639
Junior Colleges	National	1	24	12	3	7	0	0	0	0	47
	Municipal	6	154	97	45	16	2	0	0	2	322
	Private	51	803	339	174	14	18	1	0	10	1,410
	total	58	981	448	222	37	20	1	0	12	1,779
Colleges of Technology	National	6	879	746	148	199	24	3	0	27	2,032
	Municipal	0	64	50	23	3	2	0	0	1	143
	Private	0	20	5	8	0	0	0	0	0	33
	total	6	963	801	179	202	26	3	0	28	2,208
Inter-University Research Institutes		1	123	126	1	176	13	0	40	32	512
Government Research Institutes		0	0	0	0	0	126	0	0	6	132
Private Scientific Research Institutes		1	2	0	1	2	355	0	9	33	403
Grand Total	National	89	14,389	11,520	3,041	8,520	570	153	719	555	39,556
	Municipal	33	2,009	1,470	859	914	55	7	9	33	5,389
	Private	226	14,222	6,342	5,120	3,336	844	67	52	519	30,728
	total	348	30,620	19,332	9,020	12,770	1,469	227	780	1,107	75,673

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	1,456	1,629	320	897	46	484	138	147	5,121
	Municipal	0	217	209	105	98	2	8	6	8	653
	Private	9	1,998	1,057	582	264	51	169	8	72	4,210
	total	13	3,671	2,895	1,007	1,259	99	661	152	227	9,984
Junior Colleges	National	0	7	4	1	4	0	0	0	0	16
	Municipal	0	22	25	10	2	0	0	0	0	59
	Private	2	150	116	47	10	4	0	0	3	332
	total	2	179	145	58	16	4	0	0	3	407
Colleges of Technology	National	0	58	96	16	14	1	1	0	5	191
	Municipal	0	4	2	0	0	0	0	0	0	6
	Private	0	0	0	3	0	0	0	0	0	3
	total	0	62	98	19	14	1	1	0	5	200
Inter-University Research Institutes		0	9	10	0	12	0	0	0	3	34
Government Research Institutes		0	0	0	0	0	36	0	0	1	37
Private Scientific Research Institutes		0	0	1	1	0	30	0	1	2	35
Grand Total	National	4	1,530	1,739	337	927	83	485	138	156	5,399
	Municipal	0	243	236	115	100	2	8	6	8	718
	Private	11	2,148	1,174	633	274	85	169	9	77	4,580
	total	15	3,921	3,149	1,085	1,301	170	662	153	241	10,697

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	17	4,050	3,302	841	2,536	176	1,492	269	259	12,942
	Municipal	11	506	427	245	326	5	44	4	23	1,591
	Private	36	4,155	1,971	1,479	948	118	415	26	122	9,270
	total	64	8,711	5,700	2,565	3,810	299	1,951	299	404	23,803
Junior Colleges	National	1	6	9	2	5	0	0	0	0	23
	Municipal	2	32	25	14	2	1	0	0	4	80
	Private	10	208	137	108	17	7	0	0	8	495
	total	13	246	171	124	24	8	0	0	12	598
Colleges of Technology	National	1	150	210	60	68	5	3	0	11	508
	Municipal	0	15	7	0	2	0	0	0	0	24
	Private	0	5	2	3	1	0	0	0	0	11
	total	1	170	219	63	71	5	3	0	11	543
Inter-University Research Institutes		0	37	31	0	27	3	0	4	6	108
Government Research Institutes		0	0	0	0	0	34	0	0	3	37
Private Scientific Research Institutes		1	0	2	1	1	96	0	3	9	113
Grand Total	National	19	4,243	3,552	903	2,636	218	1,495	273	279	13,618
	Municipal	13	553	459	259	330	6	44	4	27	1,695
	Private	47	4,368	2,112	1,591	967	221	415	29	139	9,889
	total	79	9,164	6,123	2,753	3,933	445	1,954	306	445	25,202

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	1,282	1,077	4,440	702	2,369	3,632	4,041	12,942
	Municipal	147	126	400	55	495	283	619	1,591
	Private	991	943	1,061	334	4,432	942	3,273	9,270
	total	2,420	2,146	5,901	1,091	7,296	4,857	7,933	23,803
Junior Colleges	National	1	1	11	0	6	6	8	23
	Municipal	7	4	11	2	24	6	50	80
	Private	33	49	40	17	195	41	243	495
	total	41	54	62	19	225	53	301	598
Colleges of Technology	National	13	21	117	18	85	171	205	508
	Municipal	0	0	10	0	4	6	9	24
	Private	0	0	0	0	7	1	4	11
	total	13	21	127	18	96	178	218	543
Inter-University Research Institutes		13	11	67	9	24	19	14	108
Government Research Institutes		5	6	8	4	16	4	6	37
Private Scientific Research Institutes		12	13	28	11	45	17	18	113
Grand Total	National	1,314	1,116	4,643	733	2,500	3,832	4,274	13,618
	Municipal	154	130	421	57	523	295	678	1,695
	Private	1,036	1,005	1,129	362	4,679	1,001	3,538	9,889
	total	2,504	2,251	6,193	1,152	7,702	5,128	8,490	25,202

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	16	3,807	3,241	807	2,554	173	1,449	284	270	12,601
	Municipal	11	454	401	221	319	5	47	5	25	1,488
	Private	26	3,519	1,731	1,392	917	105	345	27	111	8,173
	total	53	7,780	5,373	2,420	3,790	283	1,841	316	406	22,262
Junior Colleges	National	1	5	6	1	5	0	0	0	0	18
	Municipal	2	27	24	13	6	1	0	0	3	76
	Private	7	156	105	88	11	4	0	0	8	379
	total	10	188	135	102	22	5	0	0	11	473
Colleges of Technology	National	1	149	217	54	79	4	3	0	16	523
	Municipal	0	15	10	1	2	0	0	0	0	28
	Private	0	4	3	5	1	0	0	0	0	13
	total	1	168	230	60	82	4	3	0	16	564
Inter-University Research Institutes		0	32	33	0	34	4	0	3	5	111
Government Research Institutes		0	0	0	0	0	29	0	0	4	33
Private Scientific Research Institutes		1	0	1	1	1	86	0	3	8	101
Grand Total	National	18	3,993	3,497	862	2,672	210	1,452	287	295	13,286
	Municipal	13	496	435	235	327	6	47	5	28	1,592
	Private	34	3,679	1,840	1,486	930	195	345	30	127	8,666
	total	65	8,168	5,772	2,583	3,929	411	1,844	322	450	23,544

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	1,253	1,068	4,360	663	2,343	3,595	3,641	12,601
	Municipal	142	117	380	47	472	260	540	1,488
	Private	915	858	980	274	4,006	837	2,496	8,173
	total	2,310	2,043	5,720	984	6,821	4,692	6,677	22,262
Junior Colleges	National	1	1	9	0	3	5	6	18
	Municipal	8	5	10	2	25	6	43	76
	Private	32	42	32	10	144	27	167	379
	total	41	48	51	12	172	38	216	473
Colleges of Technology	National	14	20	109	18	92	189	206	523
	Municipal	0	0	11	0	4	6	12	28
	Private	0	0	0	0	10	2	3	13
	total	14	20	120	18	106	197	221	564
Inter-University Research Institutes		13	9	72	10	24	18	13	111
Government Research Institutes		6	6	10	5	13	2	8	33
Private Scientific Research Institutes		10	12	24	9	42	16	16	101
Grand Total	National	1,287	1,104	4,560	696	2,475	3,809	3,874	13,286
	Municipal	150	122	401	49	501	272	595	1,592
	Private	957	912	1,036	293	4,202	882	2,682	8,666
	total	2,394	2,138	5,997	1,038	7,178	4,963	7,151	23,544

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	23,429	9,822	9,845	10,645	8,043	5,749	3,073	1,713	2,347	74,666
	Municipal	2,776	991	1,201	1,606	1,209	1,071	583	310	452	10,199
	Private	19,049	8,570	9,775	11,336	9,101	6,781	3,630	2,057	3,000	73,299
	total	45,254	19,383	20,821	23,587	18,353	13,601	7,286	4,080	5,799	158,164
Junior Colleges	National	59	21	26	23	24	9	8	0	4	174
	Municipal	289	102	137	222	177	165	74	38	31	1,235
	Private	2,239	1,534	1,576	1,641	1,178	809	413	205	239	9,834
	total	2,587	1,657	1,739	1,886	1,379	983	495	243	274	11,243
Colleges of Technology	National	370	829	983	822	462	212	90	42	41	3,851
	Municipal	21	50	68	82	39	23	7	2	3	295
	Private	48	42	37	15	9	4	1	0	2	158
	total	439	921	1,088	919	510	239	98	44	46	4,304
Inter-University Research Institutes		735	162	109	68	29	25	9	7	6	1,150
Government Research Institutes		112	52	69	78	65	53	18	9	13	469
Private Scientific Research Institutes		316	125	176	125	83	57	25	17	24	948
Grand Total	National	24,705	10,886	11,032	11,636	8,623	6,048	3,198	1,771	2,411	80,310
	Municipal	3,086	1,143	1,406	1,910	1,425	1,259	664	350	486	11,729
	Private	21,652	10,271	11,564	13,117	10,371	7,651	4,069	2,279	3,265	84,239
	total	49,443	22,300	24,002	26,663	20,419	14,958	7,931	4,400	6,162	176,278

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	59,566	10,061	3,538	1,000	319	104	42	17	19	74,666
	Municipal	8,152	1,351	490	136	40	19	7	1	3	10,199
	Private	60,381	8,593	2,983	893	271	107	40	18	13	73,299
	total	128,099	20,005	7,011	2,029	630	230	89	36	35	158,164
Junior Colleges	National	158	13	3	0	0	0	0	0	0	174
	Municipal	1,125	84	20	3	1	1	1	0	0	1,235
	Private	9,189	502	93	31	14	2	2	1	0	9,834
	total	10,472	599	116	34	15	3	3	1	0	11,243
Colleges of Technology	National	3,434	355	46	9	6	1	0	0	0	3,851
	Municipal	267	26	1	1	0	0	0	0	0	295
	Private	145	12	0	0	1	0	0	0	0	158
	total	3,846	393	47	10	7	1	0	0	0	4,304
Inter-University Research Institutes		1,034	86	25	4	0	1	0	0	0	1,150
Government Research Institutes		377	57	22	7	4	2	0	0	0	469
Private Scientific Research Institutes		837	78	20	9	2	1	0	1	0	948
Grand Total	National	64,569	10,572	3,634	1,020	329	108	42	17	19	80,310
	Municipal	9,544	1,461	511	140	41	20	8	1	3	11,729
	Private	70,552	9,185	3,096	933	288	110	42	20	13	84,239
	total	144,665	21,218	7,241	2,093	658	238	92	38	35	176,278