

Table 44. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	3	0	5	0
212			Chinese Philosophy	1	2	3	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	2	3	1
214			Religion	1	0	0	0
215			Ethics	3	1	1	2
216			History of Philosophy	2	0	1	0
217			Aesthetics (inclu. Arts)	5	5	1	1
218			Art History	0	1	1	0
		Philosophy total		15	11	15	4
221			Experimental Psychology	0	1	19	1
222			Educational and Social	4	3	22	0
223			Sociology	9	4	4	3
224			Education	8	7	10	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	6	10	0
		Psychology•Sociology•Education Cultural Anthropology total		24	21	65	7
231			Japanese History	5	3	2	0
232			Oriental History	6	5	7	1
233			European History	1	2	1	0
234			Archaeology (inclu. Prehistory)	2	3	2	1
		History total		14	13	12	2
241			Japanese Language	1	2	1	1
242			Japanese Literature	1	3	2	1
243			Chinese Language and Literature	4	1	2	0
244			English Language and Literature	3	1	6	0
245			French Language and Literature	2	0	6	0
246			German Language and Literature	0	3	1	0
247			Other Foreign Languages and Literatures	2	2	3	0
248			Linguistics and Phonetics	0	3	7	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	0	0	1
		Literature total		15	15	28	3
	ARTS•HUMANITIES Total			68	60	120	16
261	LAW		Basic Science of Law	1	3	1	0
262			Public Law	2	2	1	0
263			International Law	3	3	1	1
264			Civil Law	3	0	1	1
265			Social Law	1	0	0	1
266			Criminal Law	1	1	0	0
267			Politics	5	3	4	1
	LAW Total		16	12	8	4	
271	ECONOMICS		General Theory of Economics	5	0	10	2
272			Economical Statistics	1	0	3	0
273			Economic Policy (inclu. Economic Condition)	7	5	11	5
274			Economic History	1	0	2	0
275			Public Finance, Money and Banking	3	1	4	0
276			Commercial Science	0	0	2	0
277			Business Administration	4	2	1	0
278			Accounting	2	0	3	0
	ECONOMICS Total		23	8	36	7	
301	SCIENCE		Algebra	6	7	14	0
302			Geometry	8	8	20	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	4	30	2
305			Basic Analysis	2	4	26	1
306			Larger-area Analysis	3	2	13	0
		Mathematics total		22	25	103	5
311		Astronomy	9	3	16	3	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	15	10	60	9	

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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	1	0	2	8
212			Chinese Philosophy	0	0	5	8
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	0	6
214			Religion	1	0	1	3
215			Ethics	0	1	4	7
216			History of Philosophy	0	0	0	3
217			Aesthetics (inclu. Arts)	1	3	11	22
218			Art History	0	0	1	2
			Philosophy total	4	4	24	59
221			Experimental Psychology	2	6	24	44
222			Educational and Social	5	6	31	60
223			Sociology	2	6	4	23
224			Education	5	6	25	49
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	1	6	21
			Psychology • Sociology • Education Cultural Anthropology total	15	25	90	197
231			Japanese History	1	0	3	12
232			Oriental History	0	2	9	21
233			European History	1	0	3	5
234			Archaeology (inclu. Prehistory)	0	0	3	9
			History total	2	2	18	47
241			Japanese Language	2	0	5	9
242			Japanese Literature	0	3	3	11
243			Chinese Language and Literature	1	0	7	13
244			English Language and Literature	5	4	14	24
245			French Language and Literature	2	1	3	8
246			German Language and Literature	0	0	0	4
247			Other Foreign Languages and Literatures	1	0	5	11
248			Linguistics and Phonetics	2	2	12	26
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	0	2	5
			Literature total	14	10	51	111
			ARTS • HUMANITIES Total	35	41	183	414
261	LAW		Basic Science of Law	1	0	0	4
262			Public Law	0	0	1	5
263			International Law	0	2	0	6
264			Civil Law	0	0	2	5
265			Social Law	0	1	1	3
266			Criminal Law	0	0	0	1
267			Politics	1	5	5	14
			LAW Total	2	8	9	38
271	ECONOMICS		General Theory of Economics	1	4	6	21
272			Economical Statistics	1	2	2	7
273			Economic Policy (inclu. Economic Condition)	2	3	7	23
274			Economic History	0	0	0	2
275			Public Finance, Money and Banking	0	2	2	10
276			Commercial Science	0	1	1	2
277			Business Administration	3	4	4	13
278			Accounting	0	1	2	4
			ECONOMICS Total	7	17	24	82
301	SCIENCE		Algebra	0	1	4	22
302			Geometry	1	2	9	34
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	6	5	14	50
305			Basic Analysis	1	2	5	34
306			Larger-area Analysis	2	3	6	22
			Mathematics total	10	13	38	162
311			Astronomy	6	5	10	36
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	18	8	32	116

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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)	5	2	22	3
323			Solid-State Physics II (Magnetism, Metal Physics,	4	4	31	4
324			Physical Properties in General (inclu. Basic Theories)	9	5	20	3
325			Physics in General	4	2	20	2
			Physics total	37	23	153	21
331			Physics of Solid Earth	1	3	21	1
332			Meteorology, Oceanography and Hydrology	6	2	15	2
333			Aeronomy	0	3	5	2
334			Geology	2	3	9	3
335			Stratigraphy and Paleontology	0	1	2	0
336			Mineralogy, Petrology and Study of Mineral Deposit	1	6	13	1
337			Geochemistry	1	1	11	4
			Earth Science total	11	19	76	13
341			Physical Chemistry	8	5	29	5
342			Organic Chemistry	4	2	23	1
343			Inorganic Chemistry	0	1	11	1
344			Function, Properties and Materials in Chemistry	2	6	18	4
345			Substance Transformation	0	2	0	0
346			Separation, Refining and Identification	1	0	5	0
			Chemistry total	15	16	86	11
351			Genetics	2	3	11	2
352			Ecology	3	5	23	1
353			Plant Physiology	2	1	10	2
354			Morphology, Structure of Organism	2	1	5	0
355			Animal Physiology and	2	1	12	0
356			Morphology and Taxonomy	0	1	5	2
			Biology total	11	12	66	7
361			Physical Anthropology (inclu. Physiological Anthropology)	0	1	8	0
	SCIENCE Total			105	99	508	60
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	4	15	6
402			Surface Physics	1	0	9	2
403			Applied Optics and Quantum Optics	0	2	14	5
404			General Applied Physics	1	0	8	1
405			Fundamentals of Engineering	0	0	9	1
			Applied Physics·Fundamentals of Engineering total	7	6	55	15
411			Materials for Machines and Strength of Materials	0	2	16	1
412			Workshop Processes and Production Engineering	0	2	15	1
413			Design Engineering, Machine Elements and Tribology	2	2	8	0
414			Fluid Mechanics	3	3	17	1
415			Heat Engineering	3	4	24	2
416			Mechanics and Control Engineering	2	3	13	1
417			Intelligent Mechanics and Machine System	4	5	25	2
			Machine Engineering total	14	21	118	8
421			Electric Power Engineering and Electric Machinery	1	2	19	3
422			Electronic and Electric Materials Engineering	2	2	24	6
423			Electron Devices and Apparatus Engineering	1	2	15	4
424			Information and Communication Engineering	5	3	32	9

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322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	8	12	25	55
323			Solid-State Physics II (Magnetism, Metal Physics,	6	12	15	54
324			Physical Properties in General (inclu. Basic Theories)	9	10	10	42
325			Physics in General	3	11	8	41
			Physics total	44	53	90	308
331			Physics of Solid Earth	12	10	5	43
332			Meteorology, Oceanography and Hydrology	5	13	7	38
333			Aeronomy	3	3	1	10
334			Geology	4	4	14	25
335			Stratigraphy and Paleontology	1	2	10	13
336			Mineralogy, Petrology and Study of Mineral Deposit	2	7	11	31
337			Geochemistry	3	6	7	24
			Earth Science total	30	45	55	184
341			Physical Chemistry	10	14	19	64
342			Organic Chemistry	6	10	6	44
343			Inorganic Chemistry	6	5	9	29
344			Function, Properties and Materials in Chemistry	13	14	10	45
345			Substance Transformation	2	1	3	4
346			Separation, Refining and Identification	2	12	5	20
			Chemistry total	39	56	52	206
351			Genetics	5	1	11	31
352			Ecology	8	7	17	52
353			Plant Physiology	4	6	6	27
354			Morphology, Structure of Organism	1	4	2	13
355			Animal Physiology and	1	4	8	19
356			Morphology and Taxonomy	3	2	10	20
			Biology total	22	24	54	162
361			Physical Anthropology (inclu. Physiological Anthropology)	1	3	3	11
	SCIENCE Total			152	199	302	1,069
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	13	4	32
402			Surface Physics	7	9	3	25
403			Applied Optics and Quantum Optics	9	15	7	42
404			General Applied Physics	3	8	1	17
405			Fundamentals of Engineering	2	7	6	21
			Applied Physics·Fundamentals of Engineering total	26	52	21	137
411			Materials for Machines and Strength of Materials	8	32	12	57
412			Workshop Processes and Production Engineering	7	15	11	42
413			Design Engineering, Machine Elements and Tribology	4	17	7	29
414			Fluid Mechanics	10	19	14	53
415			Heat Engineering	8	32	16	64
416			Mechanics and Control Engineering	7	23	14	48
417			Intelligent Mechanics and Machine System	17	27	18	67
			Machine Engineering total	61	165	92	360
421			Electric Power Engineering and Electric Machinery	12	41	14	72
422			Electronic and Electric Materials Engineering	12	34	20	74
423			Electron Devices and Apparatus Engineering	12	19	5	44
424			Information and Communication Engineering	30	56	17	117

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425	E N G I N E E R I N G		System Engineering	0	2	10	0
427			Electronic Measurements	3	3	15	7
428			Control Engineering	2	3	16	2
			Electric and Electronic Engineering	14	17	131	31
431			Construction Materials and Dynamics in General Civil Engineering	2	1	5	0
432			Structural Engineering and Seismology	2	0	3	1
433			Ground Engineering	4	0	9	1
434			Hydraulics and River Engineering	4	3	17	3
435			Traffic Engineering and Regional Planning	2	2	12	1
436			Civil Environmental System	3	2	7	2
			Civil Engineering total	17	8	53	8
441		I	Building Structure and Materials	3	1	11	1
442			Building Science and Building Equipment	1	1	5	0
443			City Planning and Building Planning	5	7	9	1
444			Architectural History and Design	1	0	2	0
			Architecture total	10	9	27	2
451		N	Physical Metallurgy	3	2	13	1
452			Inorganic Materials and	3	6	14	0
453			Composed Materials and Properties	3	1	1	2
454			Structural and Functional Materials	4	4	17	2
455		R	Metallurgy and Material	7	2	14	0
456			Metal Productive Engineering	2	1	4	1
			Material Engineering total	22	16	63	6
461		G	Chemical Engineering in General	2	2	9	0
462			Reaction and Separation Engineering	1	0	4	1
463			Catalyst and Chemical Process	2	2	3	3
464			Bioengineering	4	5	10	5
465			Industrial Analytical Chemistry	1	0	4	1
			Process Engineering total	10	9	30	10
471			Industrial Physical Chemistry	5	2	5	3
472			Industrial Inorganic Chemistry	0	1	5	2
473			Industrial Organic Chemistry	2	1	3	1
474			Synthetic Chemistry	2	1	13	3
475			Polymer Synthesis	0	1	13	1
476			Polymer Structure and Property (inclu. Fiber)	2	3	12	2
			Industrial Chemistry total	11	9	51	12
481			Aeronautics	2	2	11	2
482			Ship Engineering	1	0	5	2
483			Marine Engineering	1	0	1	1
484			Resource Development Engineering	1	2	4	2
			Synthetic Engineering total	5	4	21	7
			ENGINEERING Total	110	99	549	99
501	A G R I C U L T U R E		Plant Breeding	2	1	3	1
502			Crop Science	2	1	2	0
503			Horticulture and Landscape Architecture	2	3	8	0
504			Plant Protection	5	0	5	3
505			Sericultural Science and Economic Entomology	1	0	2	0
			Agriculture total	12	5	20	4
511			Plant Fertilizer and Manure and Soil Science	2	1	8	2
512			Applied Microbiochemistry and Applied Biochemistry	8	3	21	3
513			Biological Productive Chemistry and Bioorganic Chemistry	1	3	4	1
514			Food Science and Nutritional Chemistry	3	5	5	2

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425	E N G I N E E R I N G		System Engineering	4	11	9	27
427			Electronic Measurements	4	30	17	60
428			Control Engineering	4	27	12	50
			Electric and Electronic Engineering	78	218	94	444
431			Construction Materials and Dynamics in General Civil Engineering	5	18	3	29
432			Structural Engineering and Seismology	2	17	8	2
433			Ground Engineering	11	26	5	43
434			Hydraulics and River Engineering	12	22	8	46
435			Traffic Engineering and Regional Planning	7	18	7	34
436			Civil Environmental System	10	13	10	32
			Civil Engineering total	47	114	41	213
441		N	Building Structure and Materials	7	20	8	35
442			Building Science and Building Equipment	2	8	5	15
443			City Planning and Building Planning	5	7	20	38
444			Architectural History and Design	1	2	2	6
			Architecture total	15	37	35	94
451		N	Physical Metallurgy	9	15	8	34
452			Inorganic Materials and	4	21	6	47
453		E	Composed Materials and Properties	4	4	3	11
454		E	Structural and Functional Materials	6	20	5	44
455		R	Metallurgy and Material	9	27	7	44
456			Metal Productive Engineering	5	6	1	16
		I	Material Engineering total	37	93	30	196
461		N	Chemical Engineering in General	3	18	4	32
462			Reaction and Separation Engineering	6	10	1	17
463			Catalyst and Chemical Process	0	8	1	13
464			Bioengineering	1	12	4	26
465			Industrial Analytical Chemistry	2	3	3	8
			Process Engineering total	12	51	13	96
471			Industrial Physical Chemistry	8	12	6	34
472			Industrial Inorganic Chemistry	4	10	2	19
473			Industrial Organic Chemistry	3	5	1	10
474			Synthetic Chemistry	8	13	10	36
475			Polymer Synthesis	5	9	8	30
476			Polymer Structure and Property (inclu. Fiber)	5	13	5	32
			Industrial Chemistry total	33	62	32	161
481			Aeronautics	7	12	7	28
482			Ship Engineering	2	15	1	19
483			Marine Engineering	2	2	1	4
484			Resource Development Engineering	3	11	5	17
			Synthetic Engineering total	14	40	14	68
	ENGINEERING Total			323	832	372	1,769
501	A G R I C U L T U R E		Plant Breeding	1	2	7	14
502			Crop Science	1	2	8	16
503			Horticulture and Landscape Architecture	0	10	6	22
504			Plant Protection	3	8	10	26
505			Sericultural Science and Economic Entomology	0	1	0	4
			Agriculture total	5	23	31	82
511			Plant Fertilizer and Manure and Soil Science	1	7	4	17
512			Applied Microbiochemistry and Applied Biochemistry	4	20	13	56
513			Biological Productive Chemistry and Bioorganic Chemistry	4	4	5	21
514			Food Science and Nutritional Chemistry	6	22	15	41

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	A		Agricultural Chemistry total	14	12	38	8
521			Forestry	5	3	7	1
522	G		Wood Science	3	2	15	1
			Forestry total	8	5	22	2
531	R		Fisheries in General	7	6	24	1
532			Fisheries Chemistry	2	4	5	0
			Fisheries total	9	10	29	1
541	I		Agricultural Economics	1	1	5	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	2	5	0
552	U		Agricultural Machinery	1	2	8	1
553	L		Biological Environment	3	0	1	0
			Agricultural Engineering total	5	4	14	1
561	T		Animal Science and Grassland Science	0	1	1	1
562	U		Applied Animal Science	1	2	5	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	1	9	0
564			Applied Veterinary Medicine	2	0	4	0
	E		Animal Science·Veterinary Medicine total	5	4	19	1
571			Biological Resource Science	0	0	4	0
572			Applied Molecular Cell Biology	1	0	3	0
			Interdisciplinary Agricultural Science total	1	0	7	0
			AGRICULTURE Total	55	41	154	18
601			Anatomy in General (inclu. Histology, Embryology)	4	3	9	2
602			Physiology in General	1	2	16	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	5	1
604			Pharmacology in General	3	6	7	2
605			Medical Chemistry in General	3	1	9	0
606			Pathological Medical Chemistry	7	2	5	1
	M		Physiology total	18	15	51	7
611			Hominal Pathology	1	1	3	2
612	E		Experimental Pathology	7	3	5	0
613	D		Parasitology (inclu. Medical Zoology)	2	1	7	2
614			Bacteriology (inclu. Eumycetes)	4	1	6	1
615	I		Virology	2	6	11	1
616			Immunology	5	4	12	3
	C		Pathology total	21	16	44	9
621			Hygiene	1	0	2	0
622	I		Public Health and Health Science	6	3	8	1
623			Legal Medicine	1	1	4	0
	N		Social Medicine total	8	4	14	1
631			Internal Medicine in General	5	4	10	1
632	E		Gastroenterology	7	2	4	2
633			Internal Medicine Respiratory System	2	0	2	0
634			Neurological Medicine	8	5	6	2
635			Cardioangiopathy	10	4	9	0
636			Pediatrics	2	1	3	1
637			Dermatology	0	2	3	0
638			Radiology	3	2	18	1
639			Neuropsychiatry	7	2	5	0
641			Hematology	3	3	7	0
642			Internal Medicine of Kidney	1	1	4	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	6	2	3	0
645			Metabolic Science	4	1	1	1
			Internal Medicine total	58	29	75	8
651			Surgery in General	5	4	4	1
652			Gastroenterological Surgery	1	3	1	0
653			Thoracic Surgery	1	2	3	2

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	A		Agricultural Chemistry total	15	53	37	135
521			Forestry	4	8	9	27
522	G		Wood Science	4	15	12	37
			Forestry total	8	23	21	64
531	R		Fisheries in General	4	8	11	47
532			Fisheries Chemistry	2	6	4	19
			Fisheries total	6	14	15	66
541	I		Agricultural Economics	1	0	5	11
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	8	9	21
552	U		Agricultural Machinery	3	5	9	23
553	L		Biological Environment	2	2	1	8
			Agricultural Engineering total	9	15	19	52
561	T		Animal Science and Grassland Science	1	6	2	11
562	U		Applied Animal Science	7	7	8	21
563	R		Basic Veterinary Medicine and Basic Animal Science	2	3	8	20
564			Applied Veterinary Medicine	2	7	5	15
	E		Animal Science·Veterinary Medicine total	12	23	23	67
571			Biological Resource Science	1	4	1	9
572			Applied Molecular Cell Biology	2	4	3	11
			Interdisciplinary Agricultural Science total	3	8	4	20
			AGRICULTURE Total	59	159	155	497
601			Anatomy in General (inclu. Histology, Embryology)	3	8	13	31
602			Physiology in General	7	9	11	36
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	4	5	13
604			Pharmacology in General	6	7	6	27
605			Medical Chemistry in General	2	7	3	19
606			Pathological Medical Chemistry	2	2	3	14
			Physiology total	20	37	41	140
611	M		Hominal Pathology	4	8	12	23
612	E		Experimental Pathology	5	6	7	25
613	D		Parasitology (inclu.Medical Zoology)	1	1	5	13
614			Bacteriology (inclu. Eumycetes)	1	2	5	14
615	I		Virology	3	4	4	22
616			Immunology	6	7	12	36
			Pathology total	20	28	45	133
621	C		Hygiene	2	2	6	11
622	I		Public Health and Health Science	5	8	17	40
623			Legal Medicine	0	3	5	13
			Social Medicine total	7	13	28	64
631	N		Internal Medicine in General	4	6	16	37
632	E		Gastroenterology	4	9	21	40
633			Internal Medicine Respiratory System	5	0	8	13
634			Neurological Medicine	9	7	16	37
635			Cardioangiology	4	14	22	50
636			Pediatrics	5	3	21	31
637			Dermatology	9	5	5	21
638			Radiology	17	11	13	55
639			Neuropsychiatry	2	2	13	25
641			Hematology	7	5	12	29
642			Internal Medicine of Kidney	3	5	13	23
643			Embryology and Newborn	1	0	1	2
644			Endocrinology	3	4	5	15
645			Metabolic Science	3	9	11	23
			Internal Medicine total	76	80	177	401
651			Surgery in General	7	7	16	34
652			Gastroenterological Surgery	6	6	22	35
653			Thoracic Surgery	3	7	12	23

Table 44. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	4	3	2	1
655			Orthopedic Surgery	3	2	5	1
656			Anesthesiology and Rescue Medicine	1	0	4	0
657			Urology	2	5	6	0
658			Obstetrics and Gynecology	4	2	4	0
659			Oto-rhino-laryngology	2	2	6	0
660			Ophthalmology	1	2	4	0
661			Pediatric Surgery	2	2	2	0
662			Formative Surgery	0	0	1	0
			Surgery total	26	27	42	5
671	E		Oral Anatomy and Morphological Basic Dentistry	3	1	6	0
672	D		Functional Basic Dentistry	3	4	5	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	6	0
674	C		Conservative Dentistry	3	1	9	0
675			Prosthodontics and Dental Technology	7	3	21	0
676	I		Oral Surgery	4	1	7	1
677	N		Orthodontics, Pedodontics and Social Dentistry	4	1	11	0
678			Periodontological Dentistry	3	1	3	0
	E		Dentistry total	27	12	68	2
681			Chemical Pharmaceuticals	4	2	10	0
682			Physical Pharmaceuticals	1	0	5	0
683			Biopharmaceutics	5	4	6	1
684			Molecular Pharmaceuticals	2	2	6	1
685			Environmental Pharmaceuticals	0	0	4	0
			Pharmaceutics total	12	8	31	2
691			Medical Sociology	4	1	0	0
692			Human Genetics	1	0	2	0
693			Applied Pharmacology and Medical Pharmacology	0	1	0	0
694			Pathological Examination	2	0	4	2
696			Science of Basic and Local Nursing	0	0	7	1
697			Science of Clinical Nursing	1	1	5	1
			Medicine in General total	8	3	18	4
	MEDICINE Total			178	114	343	38
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	1	3	1
703			Physical Education	5	4	23	2
704			Human Geography	2	4	4	0
705			Physical Geography	0	1	4	0
			Geography total	2	5	8	0
706			Home Science(inclu. Cloth/Living Environments)	1	0	4	0
707			Food Culture	1	1	1	0
			Domestic Science total	2	1	5	0
708			Science of Cultural Property	0	1	1	0
711			Science Education	1	2	12	2
712			Educational Engineering	2	2	14	2
713			Curriculum Studies	7	3	5	2
714			Japanese Language Education	1	1	3	0
			Science Education·Curriculum Education total	11	8	34	6
721			Statistics	2	2	7	1
731			Computer Science	4	2	45	5
732			Intelligent Informatics	2	2	39	5
733			Study of Information System (Inclu. Library and Information Science)	0	4	19	1
			Information Science total	6	8	103	11
741	Social System Engineering		0	0	17	1	
751	Natural Disaster Science		4	1	2	0	
761	Plasma Science and Technology		2	4	21	1	
772	I		Nuclear Fusion	0	0	14	3

Table 44. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National 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	3	18	14	36
655			Orthopedic Surgery	8	14	31	52
656			Anesthesiology and Rescue Medicine	3	6	13	24
657			Urology	15	10	11	37
658			Obstetrics and Gynecology	4	5	10	26
659			Oto-rhino-laryngology	3	8	5	22
660			Ophthalmology	2	8	18	26
661			Pediatric Surgery	2	1	5	9
662			Formative Surgery	0	0	1	2
			Surgery total	56	90	158	326
671	E		Oral Anatomy and Morphological Basic Dentistry	8	2	6	20
672	D		Functional Basic Dentistry	4	5	4	20
673	I		Morbid Dentistry (inclu. Dental Radiology)	2	3	4	13
674	C		Conservative Dentistry	4	5	7	23
675			Prosthodontics and Dental Technology	5	11	24	52
676	I		Oral Surgery	8	9	29	50
677	N		Orthodontics, Pedodontics and Social Dentistry	12	10	34	60
678			Periodontological Dentistry	3	4	3	11
	E		Dentistry total	46	49	111	249
681			Chemical Pharmaceutics	4	9	4	25
682			Physical Pharmaceutics	3	5	0	12
683			Biopharmaceutics	3	8	4	25
684			Molecular Pharmaceutics	4	6	2	15
685			Environmental Pharmaceutics	0	0	2	5
	Pharmaceutics total	14	28	12	82		
691			Medical Sociology	2	1	2	7
692			Human Genetics	1	4	4	10
693			Applied Pharmacology and Medical Pharmacology	5	5	3	13
694			Pathological Examination	1	9	4	15
696			Science of Basic and Local Nursing	2	2	11	22
697			Science of Clinical Nursing	2	2	19	27
			Medicine in General total	13	23	43	94
	MEDICINE Total			252	348	615	1,489
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	1	1	5
703			Physical Education	6	9	33	60
704			Human Geography	0	1	8	15
705			Physical Geography	0	1	4	10
			Geography total	0	2	12	25
706			Home Science(inclu. Cloth/Living Environments)	1	0	12	17
707			Food Culture	1	2	7	10
			Domestic Science total	2	2	19	27
708			Science of Cultural Property	0	0	1	2
711			Science Education	1	3	7	17
712	A R E A		Educational Engineering	0	7	8	23
713			Curriculum Studies	0	3	22	33
714			Japanese Language Education	0	0	6	11
			Science Education·Curriculum Education total	1	13	43	84
721			Statistics	2	1	4	12
731			Computer Science	16	39	14	92
732			Intelligent Informatics	13	34	23	93
733			Study of Information System (Inclu. Library and Information Science)	5	11	5	33
			Information Science total	34	84	42	218
741	I		Social System Engineering	4	11	8	31
751			Natural Disaster Science	2	4	4	11
761			Plasma Science and Technology	10	9	7	41
772			Nuclear Fusion	3	7	2	21

Table 44. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	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	1	1	8	0
774			Nuclear Power Science	2	2	12	2
			Energy total	3	3	34	5
801			Environmental Dynamic Analysis	3	4	9	1
802			Environmental Influence Assessment (inclu. Radiobiology)	4	5	11	1
803			Environmental Preservation	3	5	10	3
			Environmental Science total	10	14	30	5
811			Biological Organic Chemistry	0	0	8	2
812			Structured Biochemistry	3	3	9	1
813			Functional Biochemistry	1	2	11	2
			Biological Chemistry total	4	5	28	5
821			Biophysics	4	5	11	2
822			Molecular Biology	5	9	34	6
823			Cell Biology	3	3	19	2
824			Developmental Biology	3	3	5	1
			Basic Biology total	15	20	69	11
831			Neuroanatomy and Neuropathology	1	1	6	0
832			Neurochemistry and Neuropharmacology	2	1	6	1
833			Neuro Science in General	3	3	18	2
834			Neuro and Muscular Physiology	2	4	7	2
			Neuro Science (inclu. Brain Science) total	8	9	37	5
841			Laboratory Animal Science	1	2	3	1
851			Medical Organism Engineering and Material Science of Organism	5	5	25	4
			INTERDISCIPLINARY AREA Total	81	93	450	59
999			WIDE AREA Total	11	6	22	4
			Item n.a. Total	305	272	1,186	182
			Grand Total	952	804	3,376	487

Table 44. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (National Institutions)

Code	Subj ect	Subd ivisio n	I t e m	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	4	7	5	17
774			Nuclear Power Science	10	16	7	37
			Energy total	17	30	14	75
801			Environmental Dynamic Analysis	3	12	7	23
802			Environmental Influence Assessment (inclu. Radiobiology)	7	9	6	23
803			Environmental Preservation	10	14	11	38
			Environmental Science total	20	35	24	84
811			Biological Organic Chemistry	3	10	7	25
812			Structured Biochemistry	2	5	6	22
813			Functional Biochemistry	5	7	3	26
			Biological Chemistry total	10	22	16	73
821			Biophysics	8	6	5	29
822			Molecular Biology	9	18	11	64
823			Cell Biology	2	3	10	38
824			Developmental Biology	3	1	5	15
			Basic Biology total	22	28	31	146
831	A R E A		Neuroanatomy and Neuropathology	2	1	1	9
832			Neurochemistry and Neuropharmacology	2	5	1	15
833			Neuro Science in General	4	8	11	43
834			Neuro and Muscular Physiology	2	5	6	18
			Neuro Science (inclu. Brain Science) total	10	19	19	85
841			Laboratory Animal Science	0	3	0	6
851			Medical Organism Engineering and Material Science of Organism	12	27	21	72
	INTERDISCIPLINARY AREA Total			154	300	299	1,057
999	WIDE AREA Total			15	17	25	74
	Item n.a. Total			748	976	1,053	3,746
	Grand Total			1,747	2,897	3,037	10,235

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

Table 45. Number of Researchers Who Have Spoken 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	1	1
212			Chinese Philosophy	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	2
214			Religion	0	0	1	1
215			Ethics	2	0	0	3
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	2	0	4	11
218			Art History	2	1	1	3
			Philosophy total	6	1	7	22
221			Experimental Psychology	2	0	2	5
222			Educational and Social	2	1	2	4
223			Sociology	4	0	4	10
224			Education	2	1	2	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	0	0	2
			Psychology・Sociology・Education Cultural Anthropology total	11	2	10	24
231			Japanese History	0	0	0	2
232			Oriental History	0	1	1	2
233			European History	0	0	1	1
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	0	1	2	5
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	0
243			Chinese Language and Literature	0	1	2	3
244			English Language and Literature	2	0	3	4
245			French Language and Literature	0	0	1	1
246			German Language and Literature	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	1	1
248			Linguistics and Phonetics	3	1	2	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	1	1
			Literature total	5	2	10	16
			ARTS・HUMANITIES Total	22	6	29	67
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	0
263			International Law	0	0	0	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	0	0	4
			LAW Total	1	0	0	5
271	ECONOMICS		General Theory of Economics	2	2	1	7
272			Economical Statistics	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	2	0	1	5
274			Economic History	1	1	0	3
275			Public Finance, Money and Banking	0	0	0	0
276			Commercial Science	1	0	1	2
277			Business Administration	2	0	1	3
278			Accounting	0	0	0	2
			ECONOMICS Total	8	3	4	23
301	SCIENCE		Algebra	1	1	1	8
302			Geometry	0	0	0	3
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	1	0	1	6
305			Basic Analysis	1	1	1	3
306			Larger-area Analysis	0	0	0	1
			Mathematics total	3	2	3	21
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	2	0	0	5

Table 45. Number of Researchers Who Have Spoken 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)	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	4	0
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	0
325			Physics in General	0	0	1	0
			Physics total	1	0	10	0
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	1
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	0
335			Stratigraphy and Paleontology	0	0	2	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	0	0
			Earth Science total	0	0	3	1
341			Physical Chemistry	0	1	5	1
342			Organic Chemistry	0	0	4	0
343			Inorganic Chemistry	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	1
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	1	0	1	0
			Chemistry total	1	1	10	2
351			Genetics	1	0	1	1
352			Ecology	0	1	1	0
353			Plant Physiology	1	0	2	1
354			Morphology, Structure of Organism	0	0	1	1
355			Animal Physiology and	0	0	1	0
356			Morphology and Taxonomy	0	0	0	0
			Biology total	2	1	6	3
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			4	4	45	6
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	3	1	2	1
402			Surface Physics	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0
404			General Applied Physics	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	3	1	2	1
411			Materials for Machines and Strength of Materials	0	0	2	0
412			Workshop Processes and Production Engineering	1	0	1	0
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	0	0	1	1
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	0	1	0
417			Intelligent Mechanics and Machine System	0	0	1	0
			Machine Engineering total	1	0	8	1
421			Electric Power Engineering and Electric Machinery	1	0	1	0
422			Electronic and Electric Materials Engineering	1	0	2	0
423			Electron Devices and Apparatus Engineering	0	0	0	0
424			Information and Communication Engineering	1	1	4	1

Table 45. Number of Researchers Who Have Spoken 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	2	2
323			Solid-State Physics II (Magnetism, Metal Physics,	1	1	1	6
324			Physical Properties in General (inclu. Basic Theories)	1	0	2	4
325			Physics in General	1	2	4	6
			Physics total	5	3	9	23
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	1	0	0	2
333			Aeronomy	0	0	0	0
334			Geology	0	0	2	2
335			Stratigraphy and Paleontology	1	0	1	4
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	0	0
			Earth Science total	2	0	3	8
341			Physical Chemistry	2	1	4	11
342			Organic Chemistry	1	1	2	8
343			Inorganic Chemistry	1	0	1	2
344			Function, Properties and Materials in Chemistry	2	1	0	3
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	1	0	2
			Chemistry total	6	4	7	26
351			Genetics	0	0	1	3
352			Ecology	2	1	1	5
353			Plant Physiology	2	0	2	7
354			Morphology, Structure of Organism	0	0	0	2
355			Animal Physiology and	1	1	0	3
356			Morphology and Taxonomy	0	0	0	0
			Biology total	5	2	4	20
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			21	11	26	98
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	2	1	1	6
402			Surface Physics	1	0	1	2
403			Applied Optics and Quantum Optics	3	0	2	4
404			General Applied Physics	0	0	1	1
405			Fundamentals of Engineering	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	6	1	5	13
411			Materials for Machines and Strength of Materials	1	1	2	6
412			Workshop Processes and Production Engineering	1	0	3	4
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	1	1	1	4
415			Heat Engineering	1	1	1	4
416			Mechanics and Control Engineering	1	2	1	3
417			Intelligent Mechanics and Machine System	1	0	0	2
			Machine Engineering total	6	5	8	23
421			Electric Power Engineering and Electric Machinery	3	2	1	6
422			Electronic and Electric Materials Engineering	1	3	0	6
423			Electron Devices and Apparatus Engineering	2	1	2	3
424			Information and Communication Engineering	10	3	4	19

Table 45. Number of Researchers Who Have Spoken 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
425	E N G I N E E R I N G		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	1	0
428			Control Engineering	0	0	1	0
			Electric and Electronic Engineering	3	1	9	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	0	0	0
434			Hydraulics and River Engineering	0	0	1	0
435			Traffic Engineering and Regional Planning	0	0	0	0
436			Civil Environmental System	0	0	0	0
			Civil Engineering total	0	0	2	0
441		I	Building Structure and Materials	0	0	1	0
442			Building Science and Building Equipment	0	0	0	0
443			City Planning and Building Planning	0	1	0	0
444			Architectural History and Design	0	0	0	0
			Architecture total	0	1	1	0
451		N	Physical Metallurgy	1	1	0	0
452			Inorganic Materials and	0	0	0	0
453			Composed Materials and Properties	0	0	0	0
454			Structural and Functional Materials	0	0	1	1
455		R	Metallurgy and Material	0	0	0	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	1	1	1	1
461		G	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0
463			Catalyst and Chemical Process	0	0	1	0
464			Bioengineering	1	1	2	0
465			Industrial Analytical Chemistry	0	1	0	0
			Process Engineering total	1	2	3	0
471			Industrial Physical Chemistry	0	0	1	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	0	1	0	0
474			Synthetic Chemistry	0	0	1	0
475			Polymer Synthesis	0	0	1	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	2	0
			Industrial Chemistry total	0	1	5	0
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	3	0
483			Marine Engineering	0	0	0	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	3	0
			ENGINEERING Total	9	7	34	4
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	1	1	1	0
504			Plant Protection	1	0	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	2	1	2	1
511			Plant Fertilizer and Manure and Soil Science	0	1	2	0
512			Applied Microbiochemistry and Applied Biochemistry	1	0	1	0
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	0
514			Food Science and Nutritional Chemistry	1	1	1	1

Table 45. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	0	0	1	1
427			Electronic Measurements	1	0	1	3
428			Control Engineering	3	1	2	6
			Electric and Electronic Engineering	20	10	11	44
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	1
432			Structural Engineering and Seismology	2	0	1	3
433			Ground Engineering	0	0	1	1
434			Hydraulics and River Engineering	0	1	1	2
435			Traffic Engineering and Regional Planning	2	0	0	2
436			Civil Environmental System	1	0	1	2
			Civil Engineering total	6	1	4	11
441		N	Building Structure and Materials	3	1	4	7
442			Building Science and Building Equipment	3	2	0	4
443			City Planning and Building Planning	1	2	0	4
444			Architectural History and Design	0	0	0	0
			Architecture total	7	5	4	15
451		N	Physical Metallurgy	0	0	1	2
452			Inorganic Materials and	1	1	0	1
453			Composed Materials and Properties	0	2	1	3
454			Structural and Functional Materials	1	1	0	3
455		R	Metallurgy and Material	0	0	1	1
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	2	4	3	10
461		G	Chemical Engineering in General	2	0	0	2
462			Reaction and Separation Engineering	0	0	1	1
463			Catalyst and Chemical Process	0	1	0	1
464			Bioengineering	3	1	2	6
465			Industrial Analytical Chemistry	0	0	1	2
			Process Engineering total	5	2	4	12
471			Industrial Physical Chemistry	1	3	0	3
472			Industrial Inorganic Chemistry	0	2	0	2
473			Industrial Organic Chemistry	0	0	0	1
474			Synthetic Chemistry	0	0	0	1
475			Polymer Synthesis	0	2	1	4
476			Polymer Structure and Property (inclu. Fiber)	1	1	0	2
			Industrial Chemistry total	2	8	1	13
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	3	1	3
483			Marine Engineering	1	0	0	1
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	1	3	1	4
		ENGINEERING Total		55	39	41	145
501	A G R I C U L T U R E		Plant Breeding	0	0	1	3
502			Crop Science	0	0	1	1
503			Horticulture and Landscape Architecture	2	1	5	7
504			Plant Protection	0	0	0	1
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	2	1	7	12
511			Plant Fertilizer and Manure and Soil Science	0	0	0	2
512			Applied Microbiochemistry and Applied Biochemistry	1	2	0	4
513			Biological Productive Chemistry and Bioorganic Chemistry	0	2	0	2
514			Food Science and Nutritional Chemistry	4	2	4	9

Table 45. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	4	2	4	1
521			Forestry	0	1	1	0
522	G		Wood Science	0	0	1	0
			Forestry total	0	1	2	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	0	0	1	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	0
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	1
			Agricultural Engineering total	1	0	0	1
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	0	0
564			Applied Veterinary Medicine	2	0	1	1
	E		Animal Science·Veterinary Medicine total	2	0	1	1
571			Biological Resource Science	0	0	1	1
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	0	0	2	1
			AGRICULTURE Total	9	4	12	5
601			Anatomy in General (inclu. Histology, Embryology)	1	1	0	0
602			Physiology in General	1	0	1	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	0	0	0
604			Pharmacology in General	0	1	1	0
605			Medical Chemistry in General	0	2	0	0
606			Pathological Medical Chemistry	0	0	0	0
			Physiology total	2	4	2	0
611	M		Hominal Pathology	0	0	1	0
612	E		Experimental Pathology	0	1	1	1
613	D		Parasitology (inclu. Medical Zoology)	0	0	1	0
614			Bacteriology (inclu. Eumycetes)	0	1	1	0
615	I		Virology	0	0	0	0
616			Immunology	0	0	0	0
			Pathology total	0	2	4	1
621	C		Hygiene	0	0	1	1
622	I		Public Health and Health Science	2	2	3	0
623			Legal Medicine	0	0	0	0
			Social Medicine total	2	2	4	1
631	N		Internal Medicine in General	2	0	2	0
632	E		Gastroenterology	1	0	4	0
633			Internal Medicine Respiratory System	0	0	0	0
634			Neurological Medicine	1	0	0	0
635			Cardioangiopathy	4	1	2	0
636			Pediatrics	0	0	0	0
637			Dermatology	2	0	4	0
638			Radiology	0	0	1	0
639			Neuropsychiatry	0	0	0	0
641			Hematology	0	0	1	0
642			Internal Medicine of Kidney	1	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	0	0	0
645			Metabolic Science	0	0	1	0
			Internal Medicine total	11	1	15	0
651			Surgery in General	1	0	1	0
652			Gastroenterological Surgery	0	1	0	0
653			Thoracic Surgery	0	0	0	0

Table 45. Number of Researchers Who Have Spoken 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	5	6	4	17
521			Forestry	0	0	0	2
522	G		Wood Science	1	0	0	1
			Forestry total	1	0	0	3
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	0	0	0	1
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	2	0	0	2
			Agricultural Engineering total	2	0	0	3
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	0	1
564			Applied Veterinary Medicine	1	0	1	3
	E		Animal Science·Veterinary Medicine total	1	1	1	4
571			Biological Resource Science	1	2	2	2
572			Applied Molecular Cell Biology	1	0	0	2
			Interdisciplinary Agricultural Science total	2	2	2	4
			AGRICULTURE Total	13	10	14	44
601			Anatomy in General (inclu. Histology, Embryology)	1	0	4	5
602			Physiology in General	2	1	4	9
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	2	5	6
604			Pharmacology in General	1	2	2	4
605			Medical Chemistry in General	0	0	3	4
606			Pathological Medical Chemistry	0	0	1	1
			Physiology total	5	5	19	29
611	M		Hominal Pathology	1	0	3	5
612	E		Experimental Pathology	2	0	1	4
613	D		Parasitology (inclu.Medical Zoology)	0	0	0	1
614			Bacteriology (inclu. Eumycetes)	2	1	0	4
615	I		Virology	0	0	0	0
616			Immunology	0	0	0	0
			Pathology total	5	1	4	14
621	C		Hygiene	1	0	6	6
622	I		Public Health and Health Science	2	1	4	11
623			Legal Medicine	1	0	2	3
			Social Medicine total	4	1	12	20
631	N		Internal Medicine in General	3	1	7	11
632	E		Gastroenterology	1	1	5	10
633			Internal Medicine Respiratory System	2	1	3	4
634			Neurological Medicine	3	0	1	5
635			Cardioangiopathy	2	1	10	14
636			Pediatrics	1	0	5	6
637			Dermatology	2	4	3	9
638			Radiology	0	0	2	3
639			Neuropsychiatry	0	0	3	3
641			Hematology	1	0	2	3
642			Internal Medicine of Kidney	0	1	2	2
643			Embryology and Newborn	1	0	2	2
644			Endocrinology	0	1	0	1
645			Metabolic Science	0	0	0	1
			Internal Medicine total	16	10	45	74
651			Surgery in General	2	0	1	5
652			Gastroenterological Surgery	2	0	6	9
653			Thoracic Surgery	0	0	1	1

Table 45. Number of Researchers Who Have Spoken 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	2	0	1		
656			Anesthesiology and Rescue Medicine	1	0	4	0		
657			Urology	1	0	0	0		
658			Obstetrics and Gynecology	1	0	1	0		
659			Oto-rhino-laryngology	0	0	0	0		
660			Ophthalmology	0	0	0	0		
661			Pediatric Surgery	0	0	0	0		
662			Formative Surgery	0	1	0	0		
			Surgery total	7	4	6	1		
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	0	0		
674	C		Conservative Dentistry	0	0	0	0		
675			Prosthodontics and Dental Technology	0	0	0	0		
676	I		Oral Surgery	0	0	0	0		
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	0	0		
678			Periodontological Dentistry	0	0	0	0		
	E		Dentistry total	0	0	0	0		
681				Chemical Pharmaceutics	0	0	1	0	
682		Physical Pharmaceutics		0	0	0	0		
683		Biopharmaceutics		0	1	0	0		
684		Molecular Pharmaceutics		0	0	1	0		
685		Environmental Pharmaceutics		0	0	0	0		
		Pharmaceutics total		0	1	2	0		
691					Medical Sociology	0	0	0	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		1		2	1	0		
697	Science of Clinical Nursing		1		2	0	0		
	Medicine in General total		2		4	1	1		
	MEDICINE Total			24	18	34	4		
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	1	0		
703			Physical Education	1	0	3	0		
704			Human Geography	0	0	0	0		
705			Physical Geography	0	0	2	0		
			Geography total	0	0	2	0		
706			Home Science(inclu. Cloth/Living Environments)	0	0	1	0		
707			Food Culture	0	0	2	0		
			Domestic Science total	0	0	3	0		
708			Science of Cultural Property	0	0	0	0		
711			Science Education	0	0	0	0		
712			Educational Engineering	0	0	1	0		
713			Curriculum Studies	0	0	0	0		
714			Japanese Language Education	0	0	0	0		
			Science Education·Curriculum Education total	0	0	1	0		
721	A R E A		Statistics	0	0	0	0		
731			Computer Science	0	0	3	1		
732			Intelligent Informatics	0	0	2	0		
733			Study of Information System (Inclu. Library and Information Science)	0	1	2	0		
			Information Science total	0	1	7	1		
741			Social System Engineering	1	0	3	1		
751			Natural Disaster Science	0	0	0	0		
761			Plasma Science and Technology	0	0	1	0		
772			I	Nuclear Fusion	0	0	0	0	

Table 45. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	1	0	2	3
655			Orthopedic Surgery	2	1	12	16
656			Anesthesiology and Rescue Medicine	1	2	6	11
657			Urology	1	1	2	3
658			Obstetrics and Gynecology	2	1	0	5
659			Oto-rhino-laryngology	0	0	1	1
660			Ophthalmology	0	0	1	1
661			Pediatric Surgery	0	0	1	1
662			Formative Surgery	1	0	1	2
			Surgery total	12	5	34	58
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	1	1
672	D		Functional Basic Dentistry	0	0	1	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	0	1
674	C		Conservative Dentistry	0	0	1	1
675			Prosthodontics and Dental Technology	1	0	0	1
676	I		Oral Surgery	4	0	1	5
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	1	1
678			Periodontological Dentistry	0	0	0	0
	E		Dentistry total	6	0	5	11
681			Chemical Pharmaceutics	2	1	0	4
682			Physical Pharmaceutics	0	0	0	0
683			Biopharmaceutics	3	1	0	4
684			Molecular Pharmaceutics	0	0	0	1
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	5	2	0	9
691			Medical Sociology	0	0	1	2
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	1	0	1	2
696			Science of Basic and Local Nursing	3	1	4	9
697			Science of Clinical Nursing	8	0	6	17
			Medicine in General total	12	1	12	30
	MEDICINE Total			65	25	131	245
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	1
703			Physical Education	4	0	5	11
704			Human Geography	0	0	2	2
705			Physical Geography	0	1	1	2
			Geography total	0	1	3	4
706			Home Science(inclu. Cloth/Living Environments)	1	0	4	5
707				Food Culture	2	1	3
			Domestic Science total	3	1	7	12
708			Science of Cultural Property	0	0	0	0
711				Science Education	0	0	1
712	Educational Engineering	3		1	1	4	
713	Curriculum Studies	2		0	0	2	
714	Japanese Language Education	1		1	1	1	
	Science Education·Curriculum Education total	6	2	3	8		
721	A R E A		Statistics	0	0	2	2
731			Computer Science	6	2	2	13
732			Intelligent Informatics	6	2	2	12
733			Study of Information System (Inclu. Library and Information Science)	1	2	2	5
			Information Science total	13	6	6	30
741			Social System Engineering	2	3	4	7
751			Natural Disaster Science	0	0	0	0
761			Plasma Science and Technology	0	0	2	2
772			Nuclear Fusion	0	0	0	0

Table 45. Number of Researchers Who Have Spoken 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	Nuclear Energy Research Division Science Category		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	1	0	1	0
802			Environmental Influence Assessment (inclu. Radiobiology)	1	1	1	1
803			Environmental Preservation	1	1	1	1
			Environmental Science total	3	2	3	2
811			Biological Organic Chemistry	0	0	1	0
812			Structured Biochemistry	0	0	0	0
813			Functional Biochemistry	0	0	1	0
			Biological Chemistry total	0	0	2	0
821			Biophysics	1	1	0	1
822			Molecular Biology	0	2	3	0
823			Cell Biology	0	1	0	0
824			Developmental Biology	0	0	1	0
			Basic Biology total	1	4	4	1
831	Area		Neuroanatomy and Neuropathology	1	0	1	0
832			Neurochemistry and Neuropharmacology	0	0	0	0
833			Neuro Science in General	1	1	3	0
834			Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	2	1	4	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	0	1	0
	INTERDISCIPLINARY AREA Total			9	8	35	5
999	WIDE AREA Total			2	0	0	0
	Item n.a. Total			24	23	79	11
	Grand Total			99	81	258	39

Table 45. Number of Researchers Who Have Spoken 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 E R D I S C I P L I N A R Y A R E A		Energy Science General	0	3	0	3
774			Nuclear Power Science	0	0	0	0
			Energy total	0	3	0	3
801			Environmental Dynamic Analysis	1	3	2	4
802			Environmental Influence Assessment (inclu. Radiobiology)	2	2	2	6
803			Environmental Preservation	2	2	1	3
			Environmental Science total	5	7	5	13
811			Biological Organic Chemistry	1	0	3	5
812			Structured Biochemistry	0	0	0	0
813			Functional Biochemistry	0	1	2	4
			Biological Chemistry total	1	1	5	9
821	A R E A		Biophysics	0	0	2	4
822			Molecular Biology	2	1	1	7
823			Cell Biology	1	0	2	4
824			Developmental Biology	2	0	1	4
			Basic Biology total	5	1	6	19
831			Neuroanatomy and Neuropathology	1	0	2	3
832			Neurochemistry and Neuropharmacology	1	2	1	3
833			Neuro Science in General	1	0	2	6
834			Neuro and Muscular Physiology	1	0	2	3
			Neuro Science (inclu. Brain Science) total	4	2	7	15
841			Laboratory Animal Science	1	0	0	1
851			Medical Organism Engineering and Material Science of Organism	1	1	2	4
	INTERDISCIPLINARY AREA Total			45	28	57	141
999	WIDE AREA Total			3	2	2	8
	Item n.a. Total			105	60	130	342
	Grand Total			338	184	434	1,118

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	3	6	1	0
212			Chinese Philosophy	0	3	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	5	4	1	0
214			Religion	9	7	3	0
215			Ethics	1	0	0	1
216			History of Philosophy	3	3	1	0
217			Aesthetics (inclu. Arts)	17	11	1	5
218			Art History	1	3	1	0
		Philosophy total	39	37	8	6	
221			Experimental Psychology	2	2	5	1
222			Educational and Social	3	3	9	1
223			Sociology	18	10	11	3
224			Education	11	6	1	2
225			Cultural Anthropology (inclu. Ethnology and Folklore)	9	3	1	4
		Psychology • Sociology • Education Cultural Anthropology total	43	24	27	11	
231			Japanese History	2	0	2	1
232			Oriental History	9	5	0	1
233			European History	2	5	0	1
234			Archaeology (inclu. Prehistory)	4	2	1	0
		History total	17	12	3	3	
241			Japanese Language	4	3	0	1
242			Japanese Literature	4	3	0	2
243			Chinese Language and Literature	12	8	5	1
244			English Language and Literature	8	12	6	1
245			French Language and Literature	3	3	1	0
246			German Language and Literature	2	2	0	1
247			Other Foreign Languages and Literatures	10	2	3	0
248			Linguistics and Phonetics	10	8	7	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	3	1	0
			Literature total	54	44	23	8
	ARTS • HUMANITIES Total			153	117	61	28
261	LAW		Basic Science of Law	7	1	2	0
262			Public Law	1	0	1	0
263			International Law	1	3	0	1
264			Civil Law	5	4	1	1
265			Social Law	0	0	2	0
266			Criminal Law	2	0	0	0
267			Politics	17	12	4	0
	LAW Total			33	20	10	2
271	ECONOMICS		General Theory of Economics	5	3	7	1
272			Economical Statistics	1	2	1	1
273			Economic Policy (inclu. Economic Condition)	10	12	1	4
274			Economic History	1	2	4	0
275			Public Finance, Money and Banking	6	2	1	3
276			Commercial Science	1	4	0	0
277			Business Administration	10	7	3	0
278			Accounting	1	1	2	0
	ECONOMICS Total			35	33	19	9
301	SCIENCE		Algebra	2	3	7	0
302			Geometry	2	1	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	7	3	20	5
305			Basic Analysis	1	1	11	0
306			Larger-area Analysis	2	1	5	0
		Mathematics total	14	9	47	5	
311		Astronomy	1	0	1	0	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	4	4	6	2	

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
211	ARTS • HUMANITIES		Philosophy	11	2	4	20
212			Chinese Philosophy	3	1	1	7
213			Indian Philosophy (inclu. Buddhist Studies)	5	1	5	17
214			Religion	9	0	2	21
215			Ethics	3	0	1	6
216			History of Philosophy	8	1	5	16
217			Aesthetics (inclu. Arts)	13	2	18	54
218			Art History	1	0	1	7
			Philosophy total	53	7	37	148
221			Experimental Psychology	13	0	9	29
222			Educational and Social	30	1	32	69
223			Sociology	29	3	18	67
224			Education	16	3	9	42
225			Cultural Anthropology (inclu. Ethnology and Folklore)	15	3	8	30
			Psychology•Sociology•Education Cultural Anthropology total	103	10	76	237
231			Japanese History	5	0	2	11
232			Oriental History	6	1	5	21
233			European History	3	5	4	15
234			Archaeology (inclu. Prehistory)	4	0	2	10
			History total	18	6	13	57
241			Japanese Language	4	1	2	14
242			Japanese Literature	5	0	3	14
243			Chinese Language and Literature	12	2	11	33
244			English Language and Literature	45	7	21	83
245			French Language and Literature	3	1	0	9
246			German Language and Literature	4	1	2	8
247			Other Foreign Languages and Literatures	17	0	7	30
248			Linguistics and Phonetics	32	1	18	66
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	8	0	3	14
			Literature total	130	13	67	271
			ARTS•HUMANITIES Total	304	36	193	713
261	LAW		Basic Science of Law	5	0	1	12
262			Public Law	0	0	1	3
263			International Law	3	1	3	8
264			Civil Law	3	1	5	15
265			Social Law	0	0	1	2
266			Criminal Law	1	0	3	5
267			Politics	16	8	8	47
			LAW Total	28	10	22	92
271	ECONOMICS		General Theory of Economics	22	3	10	35
272			Economical Statistics	4	2	1	9
273			Economic Policy (inclu. Economic Condition)	12	4	9	35
274			Economic History	5	0	0	11
275			Public Finance, Money and Banking	7	1	2	17
276			Commercial Science	7	4	3	19
277			Business Administration	29	4	19	58
278			Accounting	6	1	4	9
			ECONOMICS Total	92	19	48	193
301	SCIENCE		Algebra	10	1	0	19
302			Geometry	4	1	1	11
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	15	0	11	39
305			Basic Analysis	11	1	3	23
306			Larger-area Analysis	7	0	1	12
			Mathematics total	47	3	16	104
311			Astronomy	3	0	1	5
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	19	2	7	34

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	4	0
323			Solid-State Physics II (Magnetism, Metal Physics,	1	2	6	0
324			Physical Properties in General (inclu. Basic Theories)	1	0	4	0
325			Physics in General	1	1	3	1
			Physics total	7	7	23	3
331			Physics of Solid Earth	0	0	2	0
332			Meteorology, Oceanography and Hydrology	0	1	4	1
333			Aeronomy	1	1	1	0
334			Geology	1	1	0	1
335			Stratigraphy and Paleontology	1	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	2	0	0	0
			Earth Science total	5	3	7	2
341			Physical Chemistry	4	2	7	1
342			Organic Chemistry	1	0	0	1
343			Inorganic Chemistry	0	0	1	0
344			Function, Properties and Materials in Chemistry	2	1	2	0
345			Substance Transformation	1	0	0	0
346			Separation, Refining and Identification	1	0	1	1
			Chemistry total	9	3	11	3
351			Genetics	0	1	2	0
352			Ecology	3	1	3	1
353			Plant Physiology	2	1	1	0
354			Morphology, Structure of Organism	1	0	0	0
355			Animal Physiology and	0	1	1	0
356			Morphology and Taxonomy	1	1	0	0
			Biology total	7	5	7	1
361			Physical Anthropology (inclu. Physiological Anthropology)	0	2	0	0
	SCIENCE Total			43	29	96	14
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	1
402			Surface Physics	1	0	0	0
403			Applied Optics and Quantum Optics	2	1	2	0
404			General Applied Physics	0	1	2	0
405			Fundamentals of Engineering	1	0	0	1
			Applied Physics·Fundamentals of Engineering total	4	2	4	2
411			Materials for Machines and Strength of Materials	2	1	4	1
412			Workshop Processes and Production Engineering	1	1	1	0
413			Design Engineering, Machine Elements and Tribology	1	0	1	0
414			Fluid Mechanics	0	0	3	0
415			Heat Engineering	0	0	1	2
416			Mechanics and Control Engineering	2	1	2	0
417			Intelligent Mechanics and Machine System	1	0	3	1
			Machine Engineering total	7	3	15	4
421			Electric Power Engineering and Electric Machinery	2	5	3	1
422			Electronic and Electric Materials Engineering	0	1	5	2
423			Electron Devices and Apparatus Engineering	1	1	5	5
424			Information and Communication Engineering	1	4	11	6

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

Code	Subj ect	Subd ivisi on	I t e m	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)	17	0	4	21
323			Solid-State Physics II (Magnetism, Metal Physics,	15	3	4	23
324			Physical Properties in General (inclu. Basic Theories)	13	1	4	18
325			Physics in General	9	1	3	14
			Physics total	73	7	22	110
331			Physics of Solid Earth	7	0	2	8
332			Meteorology, Oceanography and Hydrology	1	2	2	9
333			Aeronomy	3	0	1	5
334			Geology	1	2	0	5
335			Stratigraphy and Paleontology	0	1	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	4
337			Geochemistry	1	0	2	5
			Earth Science total	16	5	9	37
341			Physical Chemistry	15	2	6	28
342			Organic Chemistry	10	0	2	14
343			Inorganic Chemistry	5	0	3	8
344			Function, Properties and Materials in Chemistry	9	2	4	13
345			Substance Transformation	1	0	0	2
346			Separation, Refining and Identification	6	4	4	10
			Chemistry total	46	8	19	75
351			Genetics	2	0	0	5
352			Ecology	6	1	4	12
353			Plant Physiology	3	1	2	7
354			Morphology, Structure of Organism	2	0	3	6
355			Animal Physiology and	4	0	1	5
356			Morphology and Taxonomy	3	0	2	7
			Biology total	20	2	12	42
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	1	4
	SCIENCE Total			206	26	80	377
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	12	1	2	14
402			Surface Physics	8	1	2	9
403			Applied Optics and Quantum Optics	8	6	5	16
404			General Applied Physics	6	2	0	8
405			Fundamentals of Engineering	6	2	1	8
			Applied Physics·Fundamentals of Engineering total	40	12	10	55
411			Materials for Machines and Strength of Materials	23	8	5	35
412			Workshop Processes and Production Engineering	17	4	7	28
413			Design Engineering, Machine Elements and Tribology	14	3	5	21
414			Fluid Mechanics	18	10	5	31
415			Heat Engineering	13	5	7	22
416			Mechanics and Control Engineering	10	4	5	19
417			Intelligent Mechanics and Machine System	21	2	6	26
			Machine Engineering total	116	36	40	182
421			Electric Power Engineering and Electric Machinery	28	11	11	43
422			Electronic and Electric Materials Engineering	26	8	9	43
423			Electron Devices and Apparatus Engineering	18	8	8	31
424			Information and Communication Engineering	46	17	12	76

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
425	E		System Engineering	1	2	1	1
427			Electronic Measurements	2	0	5	0
428			Control Engineering	0	2	5	0
			Electric and Electronic Engineering	7	15	35	15
431			Construction Materials and Dynamics in General Civil Engineering	1	1	0	0
432			Structural Engineering and Seismology	0	3	0	0
433			Ground Engineering	0	2	0	1
434			Hydraulics and River Engineering	2	3	2	0
435			Traffic Engineering and Regional Planning	0	0	2	1
436			Civil Environmental System	2	0	1	0
			Civil Engineering total	5	9	5	2
441		N	Building Structure and Materials	3	1	4	1
442			Building Science and Building Equipment	2	1	1	1
443			City Planning and Building Planning	4	6	3	0
444			Architectural History and Design	0	1	2	0
			Architecture total	9	9	10	2
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	0	4	1
453		E	Composed Materials and Properties	1	1	1	0
454			Structural and Functional Materials	0	1	0	0
455		R	Metallurgy and Material	0	2	2	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	3	4	7	1
461		N	Chemical Engineering in General	0	1	4	0
462			Reaction and Separation Engineering	1	0	0	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	1	1	2	0
465			Industrial Analytical Chemistry	0	0	0	0
			Process Engineering total	2	2	6	0
471			Industrial Physical Chemistry	0	1	0	0
472			Industrial Inorganic Chemistry	1	0	0	0
473			Industrial Organic Chemistry	1	0	0	0
474			Synthetic Chemistry	1	0	1	0
475			Polymer Synthesis	1	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	3	0
			Industrial Chemistry total	5	1	4	0
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	0	0	2	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	3	0
			ENGINEERING Total	42	45	89	26
501	A		Plant Breeding	1	0	1	0
502			Crop Science	0	1	0	1
503			Horticulture and Landscape Architecture	1	0	0	0
504			Plant Protection	1	1	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	3	2	1	1
511			Plant Fertilizer and Manure and Soil Science	0	1	1	1
512			Applied Microbiochemistry and Applied Biochemistry	1	2	5	2
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	0	0
514			Food Science and Nutritional Chemistry	1	2	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	Subject	Subdivision	Item	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	13	4	3	22
427			Electronic Measurements	26	5	8	33
428			Control Engineering	18	4	6	27
			Electric and Electronic Engineering	175	57	57	275
431			Construction Materials and Dynamics in General Civil Engineering	9	3	3	14
432			Structural Engineering and Seismology	15	3	7	21
433			Ground Engineering	4	1	1	9
434			Hydraulics and River Engineering	12	3	8	25
435			Traffic Engineering and Regional Planning	7	2	7	15
436			Civil Environmental System	6	1	5	13
			Civil Engineering total	53	13	31	97
441		N	Building Structure and Materials	19	2	9	33
442			Building Science and Building Equipment	17	5	3	24
443			City Planning and Building Planning	11	1	8	30
444			Architectural History and Design	4	0	3	8
			Architecture total	51	8	23	95
451		N	Physical Metallurgy	5	0	2	5
452			Inorganic Materials and	6	3	4	13
453		E	Composed Materials and Properties	3	2	1	7
454			Structural and Functional Materials	3	1	0	5
455		R	Metallurgy and Material	9	6	2	15
456			Metal Productive Engineering	3	0	1	4
			Material Engineering total	29	12	10	49
461		N	Chemical Engineering in General	3	2	0	8
462			Reaction and Separation Engineering	1	2	2	4
463			Catalyst and Chemical Process	3	1	0	4
464			Bioengineering	7	4	2	9
465			Industrial Analytical Chemistry	2	0	0	2
			Process Engineering total	16	9	4	27
471			Industrial Physical Chemistry	5	1	0	7
472			Industrial Inorganic Chemistry	1	0	0	2
473			Industrial Organic Chemistry	1	3	2	5
474			Synthetic Chemistry	5	2	2	9
475			Polymer Synthesis	2	1	1	5
476			Polymer Structure and Property (inclu. Fiber)	8	1	2	12
			Industrial Chemistry total	22	8	7	40
481			Aeronautics	4	2	2	5
482			Ship Engineering	1	0	0	1
483			Marine Engineering	3	2	2	6
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	8	4	4	12
			ENGINEERING Total	510	159	186	832
501	A G R I C U L T U R E		Plant Breeding	2	1	2	4
502			Crop Science	2	0	0	4
503			Horticulture and Landscape Architecture	2	1	1	5
504			Plant Protection	6	2	2	7
505			Sericultural Science and Economic Entomology	2	0	1	3
			Agriculture total	14	4	6	23
511			Plant Fertilizer and Manure and Soil Science	1	1	1	4
512			Applied Microbiochemistry and Applied Biochemistry	11	1	6	22
513			Biological Productive Chemistry and Bioorganic Chemistry	5	2	2	8
514			Food Science and Nutritional Chemistry	12	4	17	33

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
	A		Agricultural Chemistry total	3	5	6	4
521			Forestry	1	0	1	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	0	1	0
531	R		Fisheries in General	1	1	6	1
532			Fisheries Chemistry	0	0	1	0
			Fisheries total	1	1	7	1
541	I		Agricultural Economics	1	0	0	0
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	1	1	2	0
			Agricultural Engineering total	1	1	2	1
561	T		Animal Science and Grassland Science	0	1	0	1
562	U		Applied Animal Science	0	1	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	1	0
564			Applied Veterinary Medicine	0	2	3	0
	E		Animal Science·Veterinary Medicine total	1	4	4	1
571			Biological Resource Science	0	0	2	1
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	0	0	3	1
			AGRICULTURE Total	11	13	24	9
601			Anatomy in General (inclu. Histology, Embryology)	2	0	0	1
602			Physiology in General	2	3	2	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	1	2	0
604			Pharmacology in General	3	2	2	0
605			Medical Chemistry in General	2	1	1	0
606			Pathological Medical Chemistry	1	2	2	0
			Physiology total	12	9	9	1
611	M		Hominal Pathology	5	2	3	0
612	E		Experimental Pathology	1	1	0	0
613	D		Parasitology (inclu. Medical Zoology)	1	2	2	2
614			Bacteriology (inclu. Eumycetes)	3	1	0	0
615	I		Virology	1	0	0	2
616			Immunology	2	2	4	0
			Pathology total	13	8	9	4
621	C		Hygiene	2	0	4	3
622	I		Public Health and Health Science	7	6	4	3
623			Legal Medicine	1	1	1	0
			Social Medicine total	10	7	9	6
631	N		Internal Medicine in General	3	4	1	1
632	E		Gastroenterology	1	2	2	1
633			Internal Medicine Respiratory System	2	1	0	1
634			Neurological Medicine	4	2	0	1
635			Cardioangiopathy	9	4	5	1
636			Pediatrics	10	5	4	0
637			Dermatology	5	3	4	0
638			Radiology	3	4	3	2
639			Neuropsychiatry	5	4	1	2
641			Hematology	2	3	3	1
642			Internal Medicine of Kidney	2	3	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	0	0	0
			Internal Medicine total	47	35	24	10
651			Surgery in General	7	2	3	0
652			Gastroenterological Surgery	4	2	3	0
653			Thoracic Surgery	3	2	0	0

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	29	8	26	67
521			Forestry	3	1	3	6
522	G		Wood Science	1	0	0	1
			Forestry total	4	1	3	7
531	R		Fisheries in General	10	1	4	20
532			Fisheries Chemistry	3	0	1	3
			Fisheries total	13	1	5	23
541	I		Agricultural Economics	3	0	1	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	2	2
552	U		Agricultural Machinery	3	0	1	3
553	L		Biological Environment	0	1	0	2
			Agricultural Engineering total	3	1	3	7
561	T		Animal Science and Grassland Science	2	1	1	5
562	U		Applied Animal Science	2	0	0	3
563	R		Basic Veterinary Medicine and Basic Animal Science	4	1	1	8
564			Applied Veterinary Medicine	3	0	1	8
	E		Animal Science·Veterinary Medicine total	11	2	3	24
571			Biological Resource Science	1	0	1	5
572			Applied Molecular Cell Biology	0	0	1	2
			Interdisciplinary Agricultural Science total	1	0	2	7
			AGRICULTURE Total	78	17	49	162
601			Anatomy in General (inclu. Histology, Embryology)	11	2	7	22
602			Physiology in General	8	4	11	25
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	11	2	8	21
604			Pharmacology in General	11	3	11	26
605			Medical Chemistry in General	7	1	3	15
606			Pathological Medical Chemistry	6	0	2	11
	M		Physiology total	54	12	42	120
611			Hominal Pathology	6	2	14	25
612	E		Experimental Pathology	4	1	6	11
613	D		Parasitology (inclu.Medical Zoology)	4	1	1	10
614			Bacteriology (inclu. Eumycetes)	8	2	5	17
615	I		Virology	5	2	1	9
616			Immunology	4	2	4	15
	C		Pathology total	31	10	31	87
621			Hygiene	4	3	3	15
622	I		Public Health and Health Science	15	2	17	41
623			Legal Medicine	3	2	7	13
	N		Social Medicine total	22	7	27	69
631			Internal Medicine in General	10	3	9	28
632	E		Gastroenterology	11	5	27	41
633			Internal Medicine Respiratory System	6	1	8	15
634			Neurological Medicine	6	0	10	19
635			Cardioangiology	14	4	22	44
636			Pediatrics	4	2	16	33
637			Dermatology	3	1	6	15
638			Radiology	18	3	7	30
639			Neuropsychiatry	6	1	16	30
641			Hematology	7	2	9	19
642			Internal Medicine of Kidney	3	1	11	18
643			Embryology and Newborn	0	0	1	1
644			Endocrinology	0	1	3	5
645			Metabolic Science	2	1	7	10
			Internal Medicine total	90	25	152	308
651			Surgery in General	7	1	23	35
652			Gastroenterological Surgery	16	3	15	36
653			Thoracic Surgery	9	0	8	19

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
654	M		Neurosurgery	5	2	2	0
655			Orthopedic Surgery	2	7	1	0
656			Anesthesiology and Rescue Medicine	1	1	4	0
657			Urology	2	3	0	0
658			Obstetrics and Gynecology	0	0	1	0
659			Oto-rhino-laryngology	3	3	0	0
660			Ophthalmology	1	1	0	1
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	0	2	1	0
			Surgery total	28	25	15	1
671	E		Oral Anatomy and Morphological Basic Dentistry	2	1	3	1
672	D		Functional Basic Dentistry	1	1	5	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	3	0
674	C		Conservative Dentistry	2	4	3	0
675			Prosthodontics and Dental Technology	1	4	3	1
676	I		Oral Surgery	0	4	5	1
677	N		Orthodontics, Pedodontics and Social Dentistry	5	3	5	1
678			Periodontological Dentistry	0	0	0	0
	E		Dentistry total	12	18	27	4
681			Chemical Pharmaceutics	4	3	4	0
682			Physical Pharmaceutics	6	4	2	1
683			Biopharmaceutics	9	5	2	2
684			Molecular Pharmaceutics	1	1	1	3
685			Environmental Pharmaceutics	0	1	1	0
			Pharmaceutics total	20	14	10	6
691			Medical Sociology	1	1	0	0
692			Human Genetics	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	1	1	3	1
694			Pathological Examination	1	0	0	0
696			Science of Basic and Local Nursing	1	0	1	1
697			Science of Clinical Nursing	0	0	5	0
			Medicine in General total	4	2	9	3
	MEDICINE Total			146	118	112	35
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	6	3	3	0
704			Human Geography	0	2	0	1
705			Physical Geography	0	3	0	0
			Geography total	0	5	0	1
706			Home Science(inclu. Cloth/Living Environments)	2	2	3	0
707			Food Culture	1	3	2	0
			Domestic Science total	3	5	5	0
708			Science of Cultural Property	1	1	0	0
711			Science Education	0	1	1	0
712	A R E A		Educational Engineering	1	0	3	0
713			Curriculum Studies	2	3	3	0
714			Japanese Language Education	3	2	2	1
			Science Education·Curriculum Education total	6	6	9	1
721			Statistics	1	1	4	0
731			Computer Science	3	3	6	3
732			Intelligent Informatics	0	0	9	1
733			Study of Information System (Inclu. Library and Information Science)	1	3	2	3
			Information Science total	4	6	17	7
741	I		Social System Engineering	4	3	9	3
751			Natural Disaster Science	0	1	0	1
761			Plasma Science and Technology	0	0	0	1
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	7	2	18	29
655			Orthopedic Surgery	13	1	25	42
656			Anesthesiology and Rescue Medicine	7	1	11	23
657			Urology	5	2	11	19
658			Obstetrics and Gynecology	5	1	14	21
659			Oto-rhino-laryngology	3	1	10	17
660			Ophthalmology	5	1	15	22
661			Pediatric Surgery	1	0	3	4
662			Formative Surgery	6	1	10	18
				Surgery total	84	14	163
671	E		Oral Anatomy and Morphological Basic Dentistry	17	1	8	24
672	D		Functional Basic Dentistry	17	0	4	24
673	I		Morbid Dentistry (inclu. Dental Radiology)	11	2	5	21
674	C		Conservative Dentistry	23	1	13	39
675			Prosthodontics and Dental Technology	34	1	22	54
676	I		Oral Surgery	21	4	13	43
677	N		Orthodontics, Pedodontics and Social Dentistry	22	1	10	40
678			Periodontological Dentistry	4	0	5	9
	E		Dentistry total	149	10	80	254
681			Chemical Pharmaceuticals	24	6	7	40
682			Physical Pharmaceuticals	13	7	4	23
683			Biopharmaceutics	40	7	5	57
684			Molecular Pharmaceutics	4	1	2	11
685			Environmental Pharmaceutics	9	0	2	12
		Pharmaceutics total	90	21	20	143	
691			Medical Sociology	2	0	1	5
692			Human Genetics	1	0	4	6
693			Applied Pharmacology and Medical Pharmacology	9	5	8	21
694			Pathological Examination	5	2	3	10
696			Science of Basic and Local Nursing	5	0	2	8
697			Science of Clinical Nursing	6	0	4	13
			Medicine in General total	28	7	22	63
	MEDICINE Total			548	106	537	1,329
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)	5	1	1	9
703			Physical Education	24	3	25	57
704			Human Geography	5	0	2	9
705			Physical Geography	1	0	3	7
			Geography total	6	0	5	16
706			Home Science(inclu. Cloth/Living Environments)	8	3	8	25
707			Food Culture	12	4	12	31
			Domestic Science total	20	7	20	56
708			Science of Cultural Property	0	0	0	2
711			Science Education	5	1	4	9
712			Educational Engineering	12	1	7	18
713			Curriculum Studies	12	0	14	29
714			Japanese Language Education	4	1	3	12
			Science Education·Curriculum Education total	33	3	28	68
721	A R E A		Statistics	10	1	3	14
731			Computer Science	34	8	13	53
732			Intelligent Informatics	27	4	10	43
733			Study of Information System (Inclu. Library and Information Science)	20	5	12	31
		Information Science total	81	17	35	127	
741	I		Social System Engineering	29	7	9	49
751			Natural Disaster Science	2	1	0	3
761			Plasma Science and Technology	4	3	1	7
772			Nuclear Fusion	1	0	3	4

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	1	0	1	1
774			Nuclear Power Science	0	0	1	0
			Energy total	1	0	3	1
801			Environmental Dynamic Analysis	3	1	1	1
802			Environmental Influence Assessment (inclu. Radiobiology)	2	0	1	0
803			Environmental Preservation	5	5	0	3
			Environmental Science total	10	6	2	4
811			Biological Organic Chemistry	0	1	2	0
812			Structured Biochemistry	0	0	1	1
813			Functional Biochemistry	0	2	2	1
			Biological Chemistry total	0	3	5	2
821			Biophysics	0	0	3	0
822			Molecular Biology	4	1	4	2
823			Cell Biology	1	3	4	1
824			Developmental Biology	0	0	1	0
			Basic Biology total	5	4	12	3
831			Neuroanatomy and Neuropathology	1	0	1	1
832			Neurochemistry and Neuropharmacology	3	0	1	1
833			Neuro Science in General	4	0	6	2
834			Neuro and Muscular Physiology	2	7	3	1
			Neuro Science (inclu. Brain Science) total	10	7	11	5
841			Laboratory Animal Science	0	0	1	0
851			Medical Organism Engineering and Material Science of Organism	4	2	6	2
	INTERDISCIPLINARY AREA Total			56	53	88	32
999	WIDE AREA Total			16	14	14	2
	Item n.a. Total			178	191	199	49
	Grand Total			713	633	712	206

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	0	3	2	6
774			Nuclear Power Science	4	2	3	9
			Energy total	5	5	8	19
801			Environmental Dynamic Analysis	3	0	2	7
802			Environmental Influence Assessment (inclu. Radiobiology)	3	1	4	9
803			Environmental Preservation	15	7	7	28
			Environmental Science total	21	8	13	44
811			Biological Organic Chemistry	5	0	3	10
812			Structured Biochemistry	8	1	0	11
813			Functional Biochemistry	11	0	6	20
			Biological Chemistry total	24	1	9	41
821			Biophysics	1	1	3	8
822			Molecular Biology	16	5	6	25
823			Cell Biology	3	3	4	16
824			Developmental Biology	3	1	1	5
			Basic Biology total	23	10	14	54
831			Neuroanatomy and Neuropathology	2	2	3	7
832			Neurochemistry and Neuropharmacology	5	1	2	12
833			Neuro Science in General	5	4	5	18
834			Neuro and Muscular Physiology	12	3	6	23
			Neuro Science (inclu. Brain Science) total	24	10	16	60
841			Laboratory Animal Science	1	1	0	3
851			Medical Organism Engineering and Material Science of Organism	18	3	8	37
			INTERDISCIPLINARY AREA Total	330	81	195	666
999	WIDE AREA Total			41	10	30	101
	Item n.a. Total			869	204	605	1,884
	Grand Total			3,006	668	1,945	6,349

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	13	10	10	0
212			Chinese Philosophy	3	6	3	0
213			Indian Philosophy (inclu. Buddhist Studies)	14	19	5	1
214			Religion	15	9	4	0
215			Ethics	8	1	2	4
216			History of Philosophy	5	3	2	0
217			Aesthetics (inclu. Arts)	35	60	2	7
218			Art History	2	6	2	0
		Philosophy total	95	114	30	12	
221			Experimental Psychology	4	3	44	3
222			Educational and Social	30	8	50	6
223			Sociology	89	67	36	7
224			Education	28	15	22	9
225			Cultural Anthropology (inclu. Ethnology and Folklore)	22	14	15	12
		Psychology • Sociology • Education Cultural Anthropology total	173	107	167	37	
231			Japanese History	8	5	4	2
232			Oriental History	20	14	7	2
233			European History	3	9	2	1
234			Archaeology (inclu. Prehistory)	6	5	4	2
		History total	37	33	17	7	
241			Japanese Language	7	9	2	2
242			Japanese Literature	7	10	2	5
243			Chinese Language and Literature	36	13	12	1
244			English Language and Literature	17	21	29	2
245			French Language and Literature	5	4	10	0
246			German Language and Literature	2	7	1	1
247			Other Foreign Languages and Literatures	20	7	11	0
248			Linguistics and Phonetics	11	51	19	5
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	4	4	1	1
		Literature total	109	126	87	17	
	ARTS • HUMANITIES Total			414	380	301	73
261	LAW		Basic Science of Law	10	6	6	0
262			Public Law	6	2	2	0
263			International Law	11	10	1	8
264			Civil Law	15	5	2	3
265			Social Law	2	0	2	1
266			Criminal Law	5	1	0	0
267			Politics	37	38	11	1
	LAW Total			86	62	24	13
271	ECONOMICS		General Theory of Economics	15	4	38	6
272			Economical Statistics	2	2	7	1
273			Economic Policy (inclu. Economic Condition)	27	25	24	14
274			Economic History	3	4	10	0
275			Public Finance, Money and Banking	16	3	7	5
276			Commercial Science	1	6	3	1
277			Business Administration	66	18	14	0
278			Accounting	4	1	10	0
	ECONOMICS Total			134	63	113	27
301	SCIENCE		Algebra	12	17	44	0
302			Geometry	26	13	39	11
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	23	23	115	9
305			Basic Analysis	5	13	86	1
306			Larger-area Analysis	11	7	25	0
		Mathematics total	77	73	309	21	
311		Astronomy	16	6	47	4	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	33	18	124	26	

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	16	3	7	59	
212			Chinese Philosophy	5	1	6	24	
213			Indian Philosophy (inclu. Buddhist Studies)	9	1	7	56	
214			Religion	13	0	4	44	
215			Ethics	6	1	7	29	
216			History of Philosophy	8	2	5	25	
217			Aesthetics (inclu. Arts)	19	5	42	170	
218			Art History	3	1	3	17	
			Philosophy total	79	14	81	424	
221			Experimental Psychology	30	7	63	154	
222			Educational and Social	58	9	100	261	
223			Sociology	97	10	48	354	
224			Education	31	14	63	182	
225			Cultural Anthropology (inclu. Ethnology and Folklore)	25	5	17	110	
		Psychology・Sociology・Education Cultural Anthropology total			241	45	291	1,061
231			Japanese History	8	0	6	33	
232			Oriental History	6	4	16	69	
233			European History	6	5	18	44	
234			Archaeology (inclu. Prehistory)	6	0	5	28	
		History total			26	9	45	174
241			Japanese Language	7	1	7	35	
242			Japanese Literature	6	3	7	40	
243			Chinese Language and Literature	21	3	35	121	
244			English Language and Literature	85	14	44	210	
245			French Language and Literature	6	5	7	37	
246			German Language and Literature	6	1	2	20	
247			Other Foreign Languages and Literatures	28	0	17	83	
248			Linguistics and Phonetics	59	8	45	198	
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	11	0	7	28	
			Literature total			229	35	171
	ARTS・HUMANITIES Total			575	103	588	2,431	
261	LAW		Basic Science of Law	7	0	1	30	
262			Public Law	0	0	2	12	
263			International Law	3	5	3	35	
264			Civil Law	12	4	8	49	
265			Social Law	0	1	2	8	
266			Criminal Law	1	0	6	13	
267			Politics	41	23	19	170	
	LAW Total			64	33	41	317	
271	ECONOMICS		General Theory of Economics	35	12	24	134	
272			Economical Statistics	7	8	3	30	
273			Economic Policy (inclu. Economic Condition)	24	9	26	148	
274			Economic History	7	1	0	25	
275			Public Finance, Money and Banking	8	4	4	47	
276			Commercial Science	10	6	6	33	
277			Business Administration	52	14	50	214	
278			Accounting	23	3	12	53	
	ECONOMICS Total			166	57	125	684	
301	SCIENCE		Algebra	19	3	15	110	
302			Geometry	5	3	26	122	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	35	11	46	262	
305			Basic Analysis	17	6	15	143	
306			Larger-area Analysis	19	3	10	75	
		Mathematics total			95	26	112	712
311		Astronomy			15	12	17	117
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Phvsics	67	23	57	348	

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)	14	20	64	3
323			Solid-State Physics II (Magnetism, Metal Physics,	9	8	115	11
324			Physical Properties in General (inclu. Basic Theories)	16	6	57	5
325			Physics in General	7	8	51	4
			Physics total	79	60	411	49
331			Physics of Solid Earth	1	5	38	1
332			Meteorology, Oceanography and Hydrology	11	4	35	6
333			Aeronomy	3	7	15	4
334			Geology	5	8	21	4
335			Stratigraphy and Paleontology	1	2	6	0
336			Mineralogy, Petrology and Study of Mineral Deposit	1	14	28	1
337			Geochemistry	5	1	23	8
			Earth Science total	27	41	166	24
341			Physical Chemistry	16	9	74	8
342			Organic Chemistry	9	2	50	4
343			Inorganic Chemistry	0	1	22	1
344			Function, Properties and Materials in Chemistry	8	12	34	9
345			Substance Transformation	1	2	0	0
346			Separation, Refining and Identification	4	0	12	1
			Chemistry total	38	26	192	23
351			Genetics	3	7	19	4
352			Ecology	17	22	100	2
353			Plant Physiology	7	11	17	4
354			Morphology, Structure of Organism	3	1	10	1
355			Animal Physiology and	7	5	21	0
356			Morphology and Taxonomy	1	2	8	2
			Biology total	38	48	175	13
361			Physical Anthropology (inclu. Physiological Anthropology)	0	4	15	0
	SCIENCE Total			275	258	1,315	134
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	17	6	41	12
402			Surface Physics	8	0	20	2
403			Applied Optics and Quantum Optics	2	6	25	15
404			General Applied Physics	2	2	16	1
405			Fundamentals of Engineering	1	0	26	2
			Applied Physics·Fundamentals of Engineering total	30	14	128	32
411			Materials for Machines and Strength of Materials	2	6	32	3
412			Workshop Processes and Production Engineering	63	3	25	2
413			Design Engineering, Machine Elements and Tribology	3	5	14	0
414			Fluid Mechanics	3	3	36	2
415			Heat Engineering	4	6	44	7
416			Mechanics and Control Engineering	4	7	27	1
417			Intelligent Mechanics and Machine System	6	7	80	6
			Machine Engineering total	85	37	258	21
421			Electric Power Engineering and Electric Machinery	11	20	51	5
422			Electronic and Electric Materials Engineering	3	4	67	19
423			Electron Devices and Apparatus Engineering	6	7	49	14
424			Information and Communication Engineering	9	18	85	35

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)	87	23	71	282
323			Solid-State Physics II (Magnetism, Metal Physics,	43	54	51	291
324			Physical Properties in General (inclu. Basic Theories)	42	15	24	165
325			Physics in General	24	23	29	146
			Physics total	263	138	232	1,232
331			Physics of Solid Earth	29	11	14	99
332			Meteorology, Oceanography and Hydrology	68	25	18	167
333			Aeronomy	9	7	2	47
334			Geology	5	7	46	96
335			Stratigraphy and Paleontology	2	4	14	29
336			Mineralogy, Petrology and Study of Mineral Deposit	6	8	20	78
337			Geochemistry	6	9	13	65
			Earth Science total	125	71	127	581
341			Physical Chemistry	66	34	72	279
342			Organic Chemistry	28	18	28	139
343			Inorganic Chemistry	23	12	16	75
344			Function, Properties and Materials in Chemistry	48	82	33	226
345			Substance Transformation	3	7	4	17
346			Separation, Refining and Identification	17	22	19	75
			Chemistry total	185	175	172	811
351			Genetics	7	1	21	62
352			Ecology	21	15	41	218
353			Plant Physiology	11	10	15	75
354			Morphology, Structure of Organism	5	5	5	30
355			Animal Physiology and	13	6	34	86
356			Morphology and Taxonomy	9	2	16	40
			Biology total	66	39	132	511
361			Physical Anthropology (inclu. Physiological Anthropology)	2	5	7	33
	SCIENCE Total			751	466	799	3,997
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	32	62	13	183
402			Surface Physics	25	19	10	84
403			Applied Optics and Quantum Optics	35	36	29	147
404			General Applied Physics	81	45	2	149
405			Fundamentals of Engineering	11	18	15	73
			Applied Physics·Fundamentals of Engineering total	184	180	69	636
411			Materials for Machines and Strength of Materials	70	80	26	219
412			Workshop Processes and Production Engineering	47	41	33	214
413			Design Engineering, Machine Elements and Tribology	22	43	17	104
414			Fluid Mechanics	51	104	39	238
415			Heat Engineering	40	98	35	234
416			Mechanics and Control Engineering	39	56	51	185
417			Intelligent Mechanics and Machine System	144	87	42	372
			Machine Engineering total	413	509	243	1,566
421			Electric Power Engineering and Electric Machinery	86	118	51	342
422			Electronic and Electric Materials Engineering	62	116	40	311
423			Electron Devices and Apparatus Engineering	73	46	22	217
424			Information and Communication Engineering	251	182	49	629

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	1	13	21	2
427			Electronic Measurements	7	7	28	15
428			Control Engineering	3	5	44	4
			Electric and Electronic Engineering	40	74	345	94
431			Construction Materials and Dynamics in General Civil Engineering	4	2	8	0
432			Structural Engineering and Seismology	2	4	4	1
433			Ground Engineering	7	3	9	4
434			Hydraulics and River Engineering	6	13	40	5
435			Traffic Engineering and Regional Planning	4	2	17	3
436			Civil Environmental System	7	2	10	2
			Civil Engineering total	30	26	88	15
441		N	Building Structure and Materials	7	2	26	2
442			Building Science and Building Equipment	7	7	10	2
443		G	City Planning and Building Planning	10	31	17	1
444		I	Architectural History and Design	1	2	10	0
			Architecture total	25	42	63	5
451		N	Physical Metallurgy	5	4	27	1
452			Inorganic Materials and	5	9	34	1
453		E	Composed Materials and Properties	5	2	3	2
454		E	Structural and Functional Materials	8	7	31	3
455		R	Metallurgy and Material	9	4	29	0
456			Metal Productive Engineering	3	1	4	2
			Material Engineering total	35	27	128	9
461		N	Chemical Engineering in General	2	3	22	0
462			Reaction and Separation Engineering	2	0	5	2
463			Catalyst and Chemical Process	4	4	14	3
464			Bioengineering	8	32	22	7
465			Industrial Analytical Chemistry	1	1	4	1
			Process Engineering total	17	40	67	13
471			Industrial Physical Chemistry	7	3	9	5
472			Industrial Inorganic Chemistry	1	6	46	3
473			Industrial Organic Chemistry	6	2	12	1
474			Synthetic Chemistry	3	5	34	7
475			Polymer Synthesis	1	1	31	1
476			Polymer Structure and Property (inclu. Fiber)	3	4	28	4
			Industrial Chemistry total	21	21	160	21
481			Aeronautics	3	12	30	2
482			Ship Engineering	2	0	12	3
483			Marine Engineering	1	0	13	1
484			Resource Development Engineering	2	2	8	2
			Synthetic Engineering total	8	14	63	8
	ENGINEERING Total			291	295	1,300	218
501	A G R I C U L T U R E		Plant Breeding	4	1	5	2
502			Crop Science	3	2	3	1
503			Horticulture and Landscape Architecture	7	5	10	0
504			Plant Protection	7	1	10	8
505			Sericultural Science and Economic Entomology	2	0	3	0
			Agriculture total	23	9	31	11
511			Plant Fertilizer and Manure and Soil Science	2	4	18	3
512			Applied Microbiochemistry and Applied Biochemistry	13	5	50	7
513			Biological Productive Chemistry and Bioorganic Chemistry	4	4	6	1
514			Food Science and Nutritional Chemistry	10	19	7	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	25	20	36	118
427			Electronic Measurements	68	90	41	256
428			Control Engineering	42	51	32	181
			Electric and Electronic Engineering	607	623	271	2,054
431			Construction Materials and Dynamics in General Civil Engineering	21	37	9	81
432			Structural Engineering and Seismology	40	41	25	117
433			Ground Engineering	29	62	19	133
434			Hydraulics and River Engineering	30	66	26	186
435			Traffic Engineering and Regional Planning	35	60	25	146
436			Civil Environmental System	25	27	27	100
			Civil Engineering total	180	293	131	763
441	N		Building Structure and Materials	47	57	40	181
442			Building Science and Building Equipment	65	34	19	144
443			City Planning and Building Planning	19	12	33	123
444			Architectural History and Design	6	2	14	35
			Architecture total	137	105	106	483
451	N		Physical Metallurgy	21	21	18	97
452			Inorganic Materials and	13	50	14	126
453			Composed Materials and Properties	11	12	6	41
454			Structural and Functional Materials	14	56	6	125
455	R		Metallurgy and Material	26	156	15	239
456			Metal Productive Engineering	14	14	4	42
			Material Engineering total	99	309	63	670
461	N		Chemical Engineering in General	14	35	6	82
462			Reaction and Separation Engineering	9	23	6	47
463			Catalyst and Chemical Process	4	51	2	82
464			Bioengineering	14	67	10	160
465			Industrial Analytical Chemistry	4	5	6	22
			Process Engineering total	45	181	30	393
471			Industrial Physical Chemistry	17	38	16	95
472			Industrial Inorganic Chemistry	9	17	2	84
473			Industrial Organic Chemistry	8	14	8	51
474			Synthetic Chemistry	20	35	18	122
475			Polymer Synthesis	16	26	14	90
476			Polymer Structure and Property (inclu. Fiber)	20	26	8	93
			Industrial Chemistry total	90	156	66	535
481			Aeronautics	17	67	14	145
482			Ship Engineering	4	34	6	61
483			Marine Engineering	23	7	7	52
484			Resource Development Engineering	8	21	7	50
			Synthetic Engineering total	52	129	34	308
	ENGINEERING Total			1,807	2,485	1,013	7,408
501	A G R I C U L T U R E		Plant Breeding	4	6	17	39
502			Crop Science	3	7	16	35
503			Horticulture and Landscape Architecture	12	13	24	71
504			Plant Protection	23	14	18	81
505			Sericultural Science and Economic Entomology	2	3	1	11
			Agriculture total	44	43	76	237
511			Plant Fertilizer and Manure and Soil Science	2	10	11	50
512			Applied Microbiochemistry and Applied Biochemistry	27	49	28	179
513			Biological Productive Chemistry and Bioorganic Chemistry	13	9	8	45
514			Food Science and Nutritional Chemistry	35	72	65	212

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	29	32	81	15
521			Forestry	8	8	11	1
522	G		Wood Science	4	8	36	1
			Forestry total	12	16	47	2
531	R		Fisheries in General	17	32	46	2
532			Fisheries Chemistry	2	5	8	0
			Fisheries total	19	37	54	2
541	I		Agricultural Economics	21	1	8	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	2	7	1
552	U		Agricultural Machinery	1	5	10	1
553	L		Biological Environment	8	3	7	3
			Agricultural Engineering total	11	10	24	5
561	T		Animal Science and Grassland Science	0	6	1	2
562	U		Applied Animal Science	1	3	11	0
563	R		Basic Veterinary Medicine and Basic Animal Science	3	1	25	0
564			Applied Veterinary Medicine	7	3	10	1
	E		Animal Science·Veterinary Medicine total	11	13	47	3
571			Biological Resource Science	0	0	13	4
572			Applied Molecular Cell Biology	5	0	12	0
			Interdisciplinary Agricultural Science total	5	0	25	4
			AGRICULTURE Total	131	118	317	43
601			Anatomy in General (inclu. Histology, Embryology)	11	5	15	4
602			Physiology in General	6	9	31	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	2	8	1
604			Pharmacology in General	22	20	12	5
605			Medical Chemistry in General	8	23	15	0
606			Pathological Medical Chemistry	29	8	27	5
	M		Physiology total	78	67	108	16
611			Hominal Pathology	9	4	9	4
612	E		Experimental Pathology	8	7	8	4
613	D		Parasitology (inclu. Medical Zoology)	4	3	14	4
614			Bacteriology (inclu. Eumycetes)	11	6	10	1
615	I		Virology	6	16	15	5
616			Immunology	11	11	25	3
			Pathology total	49	47	81	21
621	C		Hygiene	3	0	8	7
622	I		Public Health and Health Science	21	15	24	7
623			Legal Medicine	2	3	5	0
			Social Medicine total	26	18	37	14
631	N		Internal Medicine in General	11	18	24	2
632	E		Gastroenterology	12	16	22	5
633			Internal Medicine Respiratory System	6	1	2	1
634			Neurological Medicine	19	9	8	4
635			Cardioangiopathy	39	29	52	9
636			Pediatrics	34	12	54	1
637			Dermatology	13	11	15	0
638			Radiology	12	11	37	4
639			Neuropsychiatry	19	20	14	5
641			Hematology	13	8	12	3
642			Internal Medicine of Kidney	4	26	5	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	15	3	4	0
645			Metabolic Science	14	1	2	1
			Internal Medicine total	211	165	251	35
651			Surgery in General	32	13	10	1
652			Gastroenterological Surgery	16	11	5	0
653			Thoracic Surgery	4	4	5	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	77	140	112	486
521			Forestry	9	17	18	72
522	G		Wood Science	7	44	21	121
			Forestry total	16	61	39	193
531	R		Fisheries in General	44	13	19	173
532			Fisheries Chemistry	5	8	9	37
			Fisheries total	49	21	28	210
541	I		Agricultural Economics	4	0	8	43
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	8	19	43
552	U		Agricultural Machinery	8	10	17	52
553	L		Biological Environment	10	12	2	45
			Agricultural Engineering total	22	30	38	140
561	T		Animal Science and Grassland Science	4	8	5	26
562	U		Applied Animal Science	12	10	19	56
563	R		Basic Veterinary Medicine and Basic Animal Science	10	9	15	63
564			Applied Veterinary Medicine	8	11	22	62
	E		Animal Science·Veterinary Medicine total	34	38	61	207
571			Biological Resource Science	13	13	5	48
572			Applied Molecular Cell Biology	3	5	5	30
			Interdisciplinary Agricultural Science total	16	18	10	78
			AGRICULTURE Total	262	351	372	1,594
601			Anatomy in General (inclu. Histology, Embryology)	26	20	42	123
602			Physiology in General	23	20	62	152
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	18	13	50	94
604			Pharmacology in General	94	18	83	254
605			Medical Chemistry in General	13	15	35	109
606			Pathological Medical Chemistry	11	2	11	93
			Physiology total	185	88	283	825
611	M		Hominal Pathology	18	16	45	105
612	E		Experimental Pathology	19	11	34	91
613	D		Parasitology (inclu.Medical Zoology)	17	2	16	60
614			Bacteriology (inclu. Eumycetes)	17	6	10	61
615	I		Virology	12	7	7	68
616			Immunology	11	23	28	112
			Pathology total	94	65	140	497
621	C		Hygiene	7	12	28	65
622	I		Public Health and Health Science	32	19	67	185
623			Legal Medicine	4	10	19	43
			Social Medicine total	43	41	114	293
631	N		Internal Medicine in General	30	18	73	172
632	E		Gastroenterology	26	26	116	223
633			Internal Medicine Respiratory System	31	2	61	104
634			Neurological Medicine	34	9	76	159
635			Cardioangiology	34	37	101	301
636			Pediatrics	17	7	71	196
637			Dermatology	22	19	22	102
638			Radiology	60	47	32	203
639			Neuropsychiatry	8	5	64	135
641			Hematology	40	10	31	116
642			Internal Medicine of Kidney	32	9	51	127
643			Embryology and Newborn	2	0	4	6
644			Endocrinology	9	11	20	62
645			Metabolic Science	5	35	25	83
			Internal Medicine total	350	235	747	1,989
651			Surgery in General	23	15	80	174
652			Gastroenterological Surgery	54	18	91	195
653			Thoracic Surgery	15	8	53	93

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	20	17	12	1
655			Orthopedic Surgery	24	19	9	2
656			Anesthesiology and Rescue Medicine	6	1	15	0
657			Urology	9	17	7	0
658			Obstetrics and Gynecology	7	5	6	0
659			Oto-rhino-laryngology	11	5	6	0
660			Ophthalmology	7	5	5	2
661			Pediatric Surgery	2	3	4	0
662			Formative Surgery	0	3	2	0
			Surgery total	138	103	86	10
671	E		Oral Anatomy and Morphological Basic Dentistry	6	2	22	1
672	D		Functional Basic Dentistry	4	9	16	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	1	13	0
674	C		Conservative Dentistry	5	6	20	0
675			Prosthodontics and Dental Technology	11	10	37	2
676	I		Oral Surgery	6	6	16	2
677	N		Orthodontics, Pedodontics and Social Dentistry	11	10	27	1
678	E		Periodontological Dentistry	3	1	31	0
	Dentistry total		49	45	182	7	
681			Chemical Pharmaceutics	15	9	25	0
682			Physical Pharmaceutics	11	18	11	2
683			Biopharmaceutics	21	25	9	8
684			Molecular Pharmaceutics	3	4	10	9
685			Environmental Pharmaceutics	0	2	6	0
		Pharmaceutics total	50	58	61	19	
691			Medical Sociology	6	3	0	1
692			Human Genetics	2	0	3	1
693			Applied Pharmacology and Medical Pharmacology	1	4	3	1
694			Pathological Examination	3	0	7	2
696			Science of Basic and Local Nursing	3	3	13	5
697			Science of Clinical Nursing	2	5	14	1
			Medicine in General total	17	15	40	11
	MEDICINE Total			618	518	846	133
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	1	7	3
703			Physical Education	15	14	41	2
704			Human Geography	2	12	5	1
705			Physical Geography	0	5	10	0
			Geography total	2	17	15	1
706			Home Science(inclu. Cloth/Living Environments)	4	2	12	0
707			Food Culture	4	8	8	0
			Domestic Science total	8	10	20	0
708			Science of Cultural Property	3	2	5	0
711			Science Education	1	4	16	6
712			Educational Engineering	5	2	51	2
713			Curriculum Studies	10	11	9	3
714			Japanese Language Education	7	3	5	3
	Science Education·Curriculum Education total	23	20	81	14		
721	Statistics	6	4	22	4		
731	Computer Science	30	16	137	19		
732	Intelligent Informatics	4	4	104	22		
733	I		Study of Information System (Inclu. Library and Information Science)	1	11	49	6
			Information Science total	35	31	290	47
741			Social System Engineering	11	3	40	11
751			Natural Disaster Science	5	2	2	6
761			Plasma Science and Technology	6	9	38	9
772			Nuclear Fusion	0	0	20	3

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
654	M		Neurosurgery	29	45	75	199	
655			Orthopedic Surgery	39	22	166	281	
656			Anesthesiology and Rescue Medicine	17	20	48	107	
657			Urology	31	30	77	171	
658			Obstetrics and Gynecology	21	12	58	109	
659			Oto-rhino-laryngology	9	15	27	73	
660			Ophthalmology	9	25	58	111	
661			Pediatric Surgery	5	7	22	43	
662			Formative Surgery	21	1	23	50	
			Surgery total	273	218	778	1,606	
671		E		Oral Anatomy and Morphological Basic Dentistry	65	4	37	137
672		D		Functional Basic Dentistry	61	8	12	111
673		I		Morbid Dentistry (inclu. Dental Radiology)	36	6	15	74
674		C		Conservative Dentistry	40	10	31	112
675				Prosthodontics and Dental Technology	102	32	67	261
676		I		Oral Surgery	64	21	78	193
677		N		Orthodontics, Pedodontics and Social Dentistry	48	35	70	202
678				Periodontological Dentistry	10	6	8	59
		E		Dentistry total	426	122	318	1,149
681				Chemical Pharmaceutics	46	32	15	142
682	Physical Pharmaceutics			36	32	13	123	
683	Biopharmaceutics			136	22	9	230	
684	Molecular Pharmaceutics			15	14	8	63	
685	Environmental Pharmaceutics			27	0	5	40	
	Pharmaceutics total		260	100	50	598		
691			Medical Sociology	11	1	5	27	
692			Human Genetics	3	10	18	37	
693			Applied Pharmacology and Medical Pharmacology	28	11	36	84	
694			Pathological Examination	13	12	13	50	
696		Science of Basic and Local Nursing	13	4	19	60		
697		Science of Clinical Nursing	23	2	44	91		
		Medicine in General total	91	40	135	349		
	MEDICINE Total			1,722	909	2,565	7,306	
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)	10	2	2	28	
703			Physical Education	40	28	96	236	
704			Human Geography	7	1	14	42	
705				Physical Geography	1	2	19	37
			Geography total	8	3	33	79	
706			Home Science(inclu. Cloth/Living Environments)	16	3	38	75	
707				Food Culture	19	10	28	77
			Domestic Science total	35	13	66	152	
708			Science of Cultural Property	0	0	1	11	
711			Science Education	7	5	27	66	
712				Educational Engineering	27	16	28	131
713				Curriculum Studies	16	3	83	135
714				Japanese Language Education	8	3	19	48
			Science Education·Curriculum Education total	58	27	157	380	
721			Statistics	34	10	12	92	
731			Computer Science	147	99	45	493	
732				Intelligent Informatics	67	73	55	329
733			I	Study of Information System (Inclu. Library and Information Science)	54	58	33	212
	Information Science total	268			230	133	1,034	
741	Social System Engineering	50		39	36	190		
751	Natural Disaster Science	5		16	4	40		
761	Plasma Science and Technology	21		29	13	125		
772	Nuclear Fusion	4		7	24	58		

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	4	1	11	3
774			Nuclear Power Science	4	3	25	2
	E		Energy total	8	4	56	8
801	R		Environmental Dynamic Analysis	12	9	24	4
802			Environmental Influence Assessment (inclu. Radiobiology)	11	9	18	2
803			Environmental Preservation	23	19	26	10
			Environmental Science total	46	37	68	16
811	I		Biological Organic Chemistry	0	1	19	2
812			Structured Biochemistry	11	4	18	2
813			Functional Biochemistry	1	5	16	4
			Biological Chemistry total	12	10	53	8
821	N		Biophysics	14	12	20	7
822			Molecular Biology	16	23	88	14
823			Cell Biology	4	13	35	3
824			Developmental Biology	10	3	35	1
			Basic Biology total	44	51	178	25
831	A		Neuroanatomy and Neuropathology	5	1	10	6
832			Neurochemistry and Neuropharmacology	7	1	8	2
833			Neuro Science in General	14	4	42	28
834			Neuro and Muscular Physiology	6	16	22	5
			Neuro Science (inclu. Brain Science) total	32	22	82	41
841			Laboratory Animal Science	1	2	4	1
851			Medical Organism Engineering and Material Science of Organism	21	10	72	8
	INTERDISCIPLINARY AREA Total			281	249	1,074	204
999	WIDE AREA Total			45	76	67	26
	Item n.a. Total			842	893	2,517	427
	Grand Total			3,117	2,912	7,874	1,298

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	27	26	16	88
774			Nuclear Power Science	36	38	16	124
	E		Energy total	67	71	56	270
801	R		Environmental Dynamic Analysis	13	45	22	129
802			Environmental Influence Assessment (inclu. Radiobiology)	25	29	28	122
803			Environmental Preservation	54	50	36	218
	C		Environmental Science total	92	124	86	469
811	I		Biological Organic Chemistry	15	16	21	74
812			Structured Biochemistry	16	12	11	74
813			Functional Biochemistry	26	9	23	84
	I		Biological Chemistry total	57	37	55	232
821	N		Biophysics	10	11	13	87
822			Molecular Biology	37	29	34	241
823			Cell Biology	9	6	27	97
824			Developmental Biology	9	3	13	74
			Basic Biology total	65	49	87	499
831	A		Neuroanatomy and Neuropathology	8	3	15	48
832			Neurochemistry and Neuropharmacology	14	17	6	55
833			Neuro Science in General	12	14	47	161
834			Neuro and Muscular Physiology	19	13	22	103
			Neuro Science (inclu. Brain Science) total	53	47	90	367
841			Laboratory Animal Science	3	6	0	17
851			Medical Organism Engineering and Material Science of Organism	54	61	61	287
	INTERDISCIPLINARY AREA Total			920	792	988	4,508
999	WIDE AREA Total			84	59	106	462
	Item n.a. Total			3,046	2,491	3,137	13,353
	Grand Total			9,397	7,746	9,734	42,060

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	Philosophy	7	0	7	0
212			Chinese Philosophy	2	2	3	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	6	4	1
214			Religion	1	0	0	0
215			Ethics	7	1	1	3
216			History of Philosophy	2	0	1	0
217			Aesthetics (inclu. Arts)	5	21	1	1
218			Art History	0	1	1	0
			Philosophy total	24	31	18	5
221		Psychology • Sociology • Education	Experimental Psychology	0	1	29	2
222			Educational and Social	4	3	39	0
223			Sociology	13	6	8	3
224			Education	10	8	21	5
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	8	13	0
			Psychology • Sociology • Education Cultural Anthropology total	30	26	110	10
231		History	Japanese History	5	3	2	0
232			Oriental History	7	7	7	1
233			European History	1	2	2	0
234			Archaeology (inclu. Prehistory)	2	3	3	2
			History total	15	15	14	3
241		Literature	Japanese Language	1	3	2	1
242			Japanese Literature	2	6	2	2
243			Chinese Language and Literature	7	1	2	0
244			English Language and Literature	4	1	22	0
245			French Language and Literature	2	0	9	0
246			German Language and Literature	0	3	1	0
247			Other Foreign Languages and Literatures	7	4	6	0
248			Linguistics and Phonetics	0	32	10	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	3	0	0	1
			Literature total	26	50	54	4
			ARTS • HUMANITIES Total	95	122	196	22
261	LAW	Basic Science of Law	Basic Science of Law	1	4	2	0
262			Public Law	2	2	1	0
263			International Law	9	7	1	3
264			Civil Law	6	0	1	2
265			Social Law	2	0	0	1
266			Criminal Law	2	1	0	0
267			Politics	8	15	7	1
			LAW Total	30	29	12	7
271	ECONOMICS	General Theory of Economics	General Theory of Economics	6	0	16	3
272			Economical Statistics	1	0	5	0
273			Economic Policy (inclu. Economic Condition)	12	8	19	7
274			Economic History	1	0	2	0
275			Public Finance, Money and Banking	4	1	6	0
276			Commercial Science	0	0	3	0
277			Business Administration	8	3	9	0
278			Accounting	2	0	3	0
			ECONOMICS Total	34	12	63	10
301	SCIENCE	Mathematics	Algebra	10	10	26	0
302			Geometry	12	9	31	11
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	5	72	2
305			Basic Analysis	4	12	67	1
306			Larger-area Analysis	3	2	18	0
			Mathematics total	32	38	214	14
311			Astronomy	15	6	46	4
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	26	13	101	24

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	1	0	2	17
212			Chinese Philosophy	0	0	5	12
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	0	12
214			Religion	1	0	1	3
215			Ethics	0	1	6	19
216			History of Philosophy	0	0	0	3
217			Aesthetics (inclu. Arts)	1	3	11	43
218			Art History	0	0	1	3
			Philosophy total	4	4	26	112
221			Experimental Psychology	2	7	47	88
222			Educational and Social	7	7	49	109
223			Sociology	2	7	8	47
224			Education	6	8	44	102
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	1	8	34
			Psychology • Sociology • Education Cultural Anthropology total	18	30	156	380
231			Japanese History	1	0	4	15
232			Oriental History	0	2	10	34
233			European History	3	0	13	21
234			Archaeology (inclu. Prehistory)	0	0	3	13
			History total	4	2	30	83
241			Japanese Language	2	0	5	14
242			Japanese Literature	0	3	4	19
243			Chinese Language and Literature	1	0	7	18
244			English Language and Literature	6	5	16	54
245			French Language and Literature	3	1	6	21
246			German Language and Literature	0	0	0	4
247			Other Foreign Languages and Literatures	1	0	6	24
248			Linguistics and Phonetics	2	2	17	63
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	0	3	8
			Literature total	16	11	64	225
			ARTS • HUMANITIES Total	42	47	276	800
261	LAW		Basic Science of Law	1	0	0	8
262			Public Law	0	0	1	6
263			International Law	0	4	0	24
264			Civil Law	0	0	2	11
265			Social Law	0	1	1	5
266			Criminal Law	0	0	0	3
267			Politics	1	10	9	51
			LAW Total	2	15	13	108
271	ECONOMICS		General Theory of Economics	1	4	7	37
272			Economical Statistics	1	3	2	12
273			Economic Policy (inclu. Economic Condition)	2	4	11	63
274			Economic History	0	0	0	3
275			Public Finance, Money and Banking	0	3	2	16
276			Commercial Science	0	1	1	5
277			Business Administration	3	7	4	34
278			Accounting	0	1	2	8
			ECONOMICS Total	7	23	29	178
301	SCIENCE		Algebra	0	1	14	61
302			Geometry	1	2	25	91
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	8	11	23	124
305			Basic Analysis	1	3	9	97
306			Larger-area Analysis	2	3	9	37
			Mathematics total	12	20	80	410
311			Astronomy	11	12	16	110
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	24	16	50	254

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)	54	23	63	229
323			Solid-State Physics II (Magnetism, Metal Physics,	9	48	36	208
324			Physical Properties in General (inclu. Basic Theories)	13	14	15	104
325			Physics in General	4	18	10	88
			Physics total	104	119	174	883
331			Physics of Solid Earth	20	11	10	84
332			Meteorology, Oceanography and Hydrology	7	19	16	88
333			Aeronomy	3	7	1	33
334			Geology	4	5	44	87
335			Stratigraphy and Paleontology	1	3	13	22
336			Mineralogy, Petrology and Study of Mineral Deposit	2	8	18	72
337			Geochemistry	5	9	11	59
			Earth Science total	42	62	113	445
341			Physical Chemistry	24	25	57	180
342			Organic Chemistry	13	15	21	106
343			Inorganic Chemistry	10	12	12	57
344			Function, Properties and Materials in Chemistry	29	74	28	187
345			Substance Transformation	2	7	4	15
346			Separation, Refining and Identification	4	15	13	41
			Chemistry total	82	148	135	586
351			Genetics	5	1	20	52
352			Ecology	12	11	34	185
353			Plant Physiology	4	9	7	45
354			Morphology, Structure of Organism	2	5	2	20
355			Animal Physiology and	1	5	33	66
356			Morphology and Taxonomy	3	2	14	30
			Biology total	27	33	110	398
361			Physical Anthropology (inclu. Physiological Anthropology)	1	4	5	26
	SCIENCE Total			279	398	633	2,858
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	8	60	9	145
402			Surface Physics	7	18	6	60
403			Applied Optics and Quantum Optics	15	30	10	96
404			General Applied Physics	6	13	1	35
405			Fundamentals of Engineering	4	16	12	59
			Applied Physics·Fundamentals of Engineering total	40	137	38	395
411			Materials for Machines and Strength of Materials	13	65	18	127
412			Workshop Processes and Production Engineering	11	29	17	81
413			Design Engineering, Machine Elements and Tribology	6	40	10	76
414			Fluid Mechanics	16	54	33	139
415			Heat Engineering	16	88	25	183
416			Mechanics and Control Engineering	9	47	40	125
417			Intelligent Mechanics and Machine System	55	79	33	252
			Machine Engineering total	126	402	176	983
421			Electric Power Engineering and Electric Machinery	21	99	26	197
422			Electronic and Electric Materials Engineering	22	77	28	202
423			Electron Devices and Apparatus Engineering	23	32	5	96
424			Information and Communication Engineering	89	131	24	349

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	4	18	0
427			Electronic Measurements	5	7	19	15
428			Control Engineering	3	3	34	4
			Electric and Electronic Engineering	19	28	260	72
431			Construction Materials and Dynamics in General Civil Engineering	3	1	8	0
432			Structural Engineering and Seismology	2	0	3	1
433			Ground Engineering	7	0	9	1
434			Hydraulics and River Engineering	4	7	37	5
435			Traffic Engineering and Regional Planning	4	2	15	1
436			Civil Environmental System	4	2	9	2
			Civil Engineering total	24	12	81	10
441		N	Building Structure and Materials	4	1	19	1
442			Building Science and Building Equipment	2	2	9	0
443		G	City Planning and Building Planning	5	18	14	1
444		I	Architectural History and Design	1	0	5	0
			Architecture total	12	21	47	2
451		N	Physical Metallurgy	4	3	27	1
452			Inorganic Materials and	3	9	30	0
453		E	Composed Materials and Properties	4	1	2	2
454		E	Structural and Functional Materials	8	6	30	2
455		R	Metallurgy and Material	9	2	19	0
456			Metal Productive Engineering	3	1	4	2
			Material Engineering total	31	22	112	7
461		I N D U S T R I A L	Chemical Engineering in General	2	2	11	0
462			Reaction and Separation Engineering	1	0	5	2
463			Catalyst and Chemical Process	4	4	12	3
464			Bioengineering	6	30	17	7
465			Industrial Analytical Chemistry	1	0	4	1
			Process Engineering total	14	36	49	13
471			Industrial Physical Chemistry	7	2	8	5
472			Industrial Inorganic Chemistry	0	6	46	3
473			Industrial Organic Chemistry	5	1	12	1
474			Synthetic Chemistry	2	5	32	7
475			Polymer Synthesis	0	1	27	1
476			Polymer Structure and Property (inclu. Fiber)	2	4	18	4
			Industrial Chemistry total	16	19	143	21
481			Aeronautics	3	12	29	2
482			Ship Engineering	2	0	5	3
483			Marine Engineering	1	0	4	1
484			Resource Development Engineering	2	2	8	2
			Synthetic Engineering total	8	14	46	8
			ENGINEERING Total	163	194	1,074	175
501	A G R I C U L T U R E		Plant Breeding	2	1	3	1
502			Crop Science	3	1	3	0
503			Horticulture and Landscape Architecture	3	4	8	0
504			Plant Protection	5	0	10	8
505			Sericultural Science and Economic Entomology	2	0	3	0
			Agriculture total	15	6	27	9
511			Plant Fertilizer and Manure and Soil Science	2	2	13	2
512			Applied Microbiochemistry and Applied Biochemistry	11	3	43	5
513			Biological Productive Chemistry and Bioorganic Chemistry	1	4	6	1
514			Food Science and Nutritional Chemistry	7	14	5	2

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

Code	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	8	16	27	73
427			Electronic Measurements	27	83	26	182
428			Control Engineering	7	45	20	116
			Electric and Electronic Engineering	197	483	156	1,215
431			Construction Materials and Dynamics in General Civil Engineering	9	34	5	60
432			Structural Engineering and Seismology	3	37	12	58
433			Ground Engineering	24	61	16	118
434			Hydraulics and River Engineering	16	61	17	147
435			Traffic Engineering and Regional Planning	15	58	10	105
436			Civil Environmental System	17	24	17	75
			Civil Engineering total	84	275	77	563
441		N	Building Structure and Materials	9	54	21	109
442			Building Science and Building Equipment	3	22	15	53
443			City Planning and Building Planning	6	9	23	76
444		I	Architectural History and Design	1	2	7	16
			Architecture total	19	87	66	254
451		N	Physical Metallurgy	12	21	15	83
452			Inorganic Materials and	6	41	9	98
453			Composed Materials and Properties	8	6	4	27
454		E	Structural and Functional Materials	9	52	6	113
455		R	Metallurgy and Material	13	105	11	159
456			Metal Productive Engineering	9	14	1	34
			Material Engineering total	57	239	46	514
461		I N D U S T R I A L	Chemical Engineering in General	5	33	6	59
462			Reaction and Separation Engineering	7	21	1	37
463			Catalyst and Chemical Process	0	49	2	74
464			Bioengineering	1	38	5	104
465			Industrial Analytical Chemistry	2	5	4	17
			Process Engineering total	15	146	18	291
471			Industrial Physical Chemistry	10	31	16	79
472			Industrial Inorganic Chemistry	6	15	2	78
473			Industrial Organic Chemistry	7	11	4	41
474			Synthetic Chemistry	12	28	16	102
475			Polymer Synthesis	10	21	11	71
476			Polymer Structure and Property (inclu. Fiber)	9	21	6	64
			Industrial Chemistry total	54	127	55	435
481			Aeronautics	9	64	12	131
482			Ship Engineering	2	27	1	40
483			Marine Engineering	12	4	2	24
484			Resource Development Engineering	8	21	7	50
			Synthetic Engineering total	31	116	22	245
			ENGINEERING Total	623	2,012	654	4,895
501	A G R I C U L T U R E		Plant Breeding	2	3	11	23
502			Crop Science	1	7	10	25
503			Horticulture and Landscape Architecture	0	10	9	34
504			Plant Protection	12	12	16	63
505			Sericultural Science and Economic Entomology	0	3	0	8
			Agriculture total	15	35	46	153
511			Plant Fertilizer and Manure and Soil Science	1	9	8	37
512			Applied Microbiochemistry and Applied Biochemistry	9	43	21	135
513			Biological Productive Chemistry and Bioorganic Chemistry	6	5	6	29
514			Food Science and Nutritional Chemistry	11	64	37	140

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
	A		Agricultural Chemistry total	21	23	67	10
521			Forestry	7	7	9	1
522	G		Wood Science	4	8	35	1
			Forestry total	11	15	44	2
531	R		Fisheries in General	14	30	38	1
532			Fisheries Chemistry	2	5	6	0
			Fisheries total	16	35	44	1
541	I		Agricultural Economics	20	1	7	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	2	7	0
552	U		Agricultural Machinery	1	5	10	1
553	L		Biological Environment	5	0	1	0
			Agricultural Engineering total	7	7	18	1
561	T		Animal Science and Grassland Science	0	3	1	1
562	U		Applied Animal Science	1	2	11	0
563	R		Basic Veterinary Medicine and Basic Animal Science	2	1	24	0
564			Applied Veterinary Medicine	3	0	4	0
	E		Animal Science·Veterinary Medicine total	6	6	40	1
571			Biological Resource Science	0	0	10	0
572			Applied Molecular Cell Biology	5	0	4	0
			Interdisciplinary Agricultural Science total	5	0	14	0
			AGRICULTURE Total	101	93	261	25
601			Anatomy in General (inclu. Histology, Embryology)	6	4	15	3
602			Physiology in General	1	3	28	1
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	1	5	1
604			Pharmacology in General	7	11	9	5
605			Medical Chemistry in General	6	1	14	0
606			Pathological Medical Chemistry	28	3	25	5
	M		Physiology total	48	23	96	15
611			Hominal Pathology	3	2	5	4
612	E		Experimental Pathology	7	5	7	0
613	D		Parasitology (inclu. Medical Zoology)	3	1	11	2
614			Bacteriology (inclu. Eumycetes)	6	2	9	1
615	I		Virology	5	16	15	2
616			Immunology	8	5	21	3
	C		Pathology total	32	31	68	12
621			Hygiene	1	0	2	0
622	I		Public Health and Health Science	9	4	17	1
623			Legal Medicine	1	2	4	0
	N		Social Medicine total	11	6	23	1
631			Internal Medicine in General	5	6	20	1
632	E		Gastroenterology	10	2	5	4
633			Internal Medicine Respiratory System	4	0	2	0
634			Neurological Medicine	11	6	8	3
635			Cardioangiopathy	19	12	25	0
636			Pediatrics	7	3	3	1
637			Dermatology	0	7	5	0
638			Radiology	6	2	31	1
639			Neuropsychiatry	7	3	12	0
641			Hematology	4	5	7	0
642			Internal Medicine of Kidney	1	3	5	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	14	3	3	0
645			Metabolic Science	14	1	1	1
			Internal Medicine total	102	53	127	11
651			Surgery in General	12	8	6	1
652			Gastroenterological Surgery	1	4	2	0
653			Thoracic Surgery	1	2	5	4

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
	A		Agricultural Chemistry total	27	121	72	341
521			Forestry	6	16	11	57
522	G		Wood Science	5	44	21	118
			Forestry total	11	60	32	175
531	R		Fisheries in General	27	12	13	135
532			Fisheries Chemistry	2	8	8	31
			Fisheries total	29	20	21	166
541	I		Agricultural Economics	1	0	7	37
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	8	12	34
552	U		Agricultural Machinery	4	10	16	47
553	L		Biological Environment	2	2	2	12
			Agricultural Engineering total	10	20	30	93
561	T		Animal Science and Grassland Science	1	7	4	17
562	U		Applied Animal Science	10	10	19	53
563	R		Basic Veterinary Medicine and Basic Animal Science	3	7	14	51
564			Applied Veterinary Medicine	3	11	20	41
	E		Animal Science·Veterinary Medicine total	17	35	57	162
571			Biological Resource Science	6	7	1	24
572			Applied Molecular Cell Biology	2	5	3	19
			Interdisciplinary Agricultural Science total	8	12	4	43
			AGRICULTURE Total	118	303	269	1,170
601			Anatomy in General (inclu. Histology, Embryology)	5	18	28	79
602			Physiology in General	10	15	36	94
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	0	7	16	30
604			Pharmacology in General	29	11	9	81
605			Medical Chemistry in General	6	7	6	40
606			Pathological Medical Chemistry	3	2	4	70
	M		Physiology total	53	60	99	394
611			Hominal Pathology	11	12	22	59
612	E		Experimental Pathology	6	10	10	45
613	D		Parasitology (inclu. Medical Zoology)	2	1	15	35
614			Bacteriology (inclu. Eumycetes)	1	3	5	27
615	I		Virology	6	5	6	55
616			Immunology	7	21	18	83
	C		Pathology total	33	52	76	304
621			Hygiene	2	7	11	23
622	I		Public Health and Health Science	6	15	31	83
623			Legal Medicine	0	8	7	22
	N		Social Medicine total	8	30	49	128
631			Internal Medicine in General	4	11	43	90
632	E		Gastroenterology	9	17	47	94
633			Internal Medicine Respiratory System	12	0	23	41
634			Neurological Medicine	12	9	54	103
635			Cardioangiopathy	6	27	39	128
636			Pediatrics	7	3	37	61
637			Dermatology	13	7	7	39
638			Radiology	27	44	16	127
639			Neuropsychiatry	2	4	20	48
641			Hematology	8	8	16	48
642			Internal Medicine of Kidney	27	7	25	68
643			Embryology and Newborn	1	0	1	2
644			Endocrinology	9	8	16	53
645			Metabolic Science	3	33	13	66
			Internal Medicine total	140	178	357	968
651			Surgery in General	10	14	26	77
652			Gastroenterological Surgery	8	15	54	84
653			Thoracic Surgery	3	8	36	59

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations		
654	MEDICINE	Surgery	Neurosurgery	6	14	8	1		
655			Orthopedic Surgery	17	6	7	1		
656			Anesthesiology and Rescue Medicine	1	0	7	0		
657			Urology	3	12	7	0		
658			Obstetrics and Gynecology	4	5	4	0		
659			Oto-rhino-laryngology	4	2	6	0		
660			Ophthalmology	6	2	5	0		
661			Pediatric Surgery	2	3	4	0		
662			Formative Surgery	0	0	1	0		
			Surgery total	57	58	62	7		
671		Dentistry	Oral and Maxillofacial	Oral Anatomy and Morphological Basic Dentistry	4	1	18	0	
672				Functional Basic Dentistry	3	6	10	1	
673		Morbid Dentistry (inclu. Dental Radiology)		0	0	8	0		
674		Conservative Dentistry		3	1	16	0		
675		Prosthodontics and Dental Technology		10	3	33	0		
676		Oral Surgery		6	2	9	1		
677		Orthodontics, Pedodontics and Social Dentistry		6	3	17	0		
678		Periodontological Dentistry		3	1	31	0		
		Dentistry total		35	17	142	2		
681		Pharmaceutics		Pharmaceutics	Chemical Pharmaceutics	9	4	17	0
682			Physical Pharmaceutics		1	0	7	0	
683			Biopharmaceutics		5	10	7	6	
684			Molecular Pharmaceutics		2	3	7	1	
685			Environmental Pharmaceutics		0	0	5	0	
			Pharmaceutics total	17	17	43	7		
691			Medical and Health Sciences	Medical Sociology	4	2	0	0	
692				Human Genetics	2	0	3	0	
693				Applied Pharmacology and Medical Pharmacology	0	3	0	0	
694				Pathological Examination	2	0	7	2	
696		Science of Basic and Local Nursing		0	0	8	4		
697	Science of Clinical Nursing	1		3	5	1			
	Medicine in General total	9		8	23	7			
	MEDICINE Total		311	213	584	62			
702	INTERDISCIPLINARY AREA	History of Science and Technology	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	1	4	1		
703			Physical Education	Physical Education	6	6	35	2	
704				Human Geography	Human Geography	2	10	5	0
705					Physical Geography	0	2	8	0
				Geography total	2	12	13	0	
706			Home Science	Home Science (inclu. Cloth/Living Environments)	1	0	6	0	
707				Food Culture	2	2	2	0	
			Domestic Science total	3	2	8	0		
708			Science of Cultural Property	0	1	5	0		
711			Science Education	Science Education	1	3	15	6	
712		Educational Engineering		4	2	41	2		
713		Curriculum Studies		8	4	6	3		
714		Japanese Language Education		1	1	3	0		
		Science Education·Curriculum Education total	14	10	65	11			
721		Information Science	Statistics	3	3	14	4		
731			Computer Science	Computer Science	8	4	120	14	
732				Intelligent Informatics	4	4	92	18	
733			Study of Information System	Study of Information System (Inclu. Library and Information Science)	0	7	38	2	
	Information Science total			12	15	250	34		
741	Social System Engineering			0	0	24	5		
751	Natural Disaster Science			5	1	2	0		
761	Plasma Science and Technology		Plasma Science and Technology	6	9	36	8		
772			Nuclear Fusion	0	0	19	3		

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	3	41	25	98
655			Orthopedic Surgery	16	17	93	157
656			Anesthesiology and Rescue Medicine	4	17	23	52
657			Urology	24	23	28	97
658			Obstetrics and Gynecology	10	8	20	51
659			Oto-rhino-laryngology	3	14	8	37
660			Ophthalmology	2	24	30	69
661			Pediatric Surgery	4	7	16	36
662			Formative Surgery	0	0	1	2
			Surgery total	87	188	360	819
671	E		Oral Anatomy and Morphological Basic Dentistry	12	3	20	58
672	D		Functional Basic Dentistry	11	8	5	44
673	I		Morbid Dentistry (inclu. Dental Radiology)	2	4	6	20
674	C		Conservative Dentistry	6	7	9	42
675	I		Prosthodontics and Dental Technology	14	31	28	119
676	I		Oral Surgery	9	17	55	99
677	N		Orthodontics, Pedodontics and Social Dentistry	19	33	48	126
678	E		Periodontological Dentistry	5	6	3	49
			Dentistry total	78	109	174	557
681			Chemical Pharmaceutics	5	15	4	54
682			Physical Pharmaceutics	3	7	0	18
683			Biopharmaceutics	23	11	4	66
684			Molecular Pharmaceutics	5	12	6	36
685			Environmental Pharmaceutics	0	0	2	7
			Pharmaceutics total	36	45	16	181
691			Medical Sociology	9	1	3	19
692			Human Genetics	2	10	9	26
693			Applied Pharmacology and Medical Pharmacology	12	6	3	24
694			Pathological Examination	3	10	7	31
696			Science of Basic and Local Nursing	3	3	12	30
697			Science of Clinical Nursing	4	2	22	38
			Medicine in General total	33	32	56	168
	MEDICINE Total			468	694	1,187	3,519
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)	5	1	1	15
703			Physical Education	9	25	57	140
704			Human Geography	0	1	10	28
705			Physical Geography	0	1	9	20
			Geography total	0	2	19	48
706			Home Science(inclu. Cloth/Living Environments)	1	0	22	30
707			Food Culture	1	3	9	19
			Domestic Science total	2	3	31	49
708			Science of Cultural Property	0	0	1	7
711			Science Education	1	4	12	42
712	A R E A		Educational Engineering	0	14	13	76
713			Curriculum Studies	0	3	60	84
714			Japanese Language Education	0	0	12	17
			Science Education·Curriculum Education total	1	21	97	219
721			Statistics	13	8	4	49
731			Computer Science	57	81	25	309
732			Intelligent Informatics	16	62	35	231
733			Study of Information System (Inclu. Library and Information Science)	13	49	7	116
			Information Science total	86	192	67	656
741			Social System Engineering	4	22	18	73
751	I		Natural Disaster Science	3	8	4	23
761			Plasma Science and Technology	16	25	10	110
772			Nuclear Fusion	3	7	2	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	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	1	1	10	0
774			Nuclear Power Science	4	3	20	2
			Energy total	5	4	49	5
801			Environmental Dynamic Analysis	4	7	17	3
802			Environmental Influence Assessment (inclu. Radiobiology)	7	8	16	1
803			Environmental Preservation	3	10	25	4
			Environmental Science total	14	25	58	8
811			Biological Organic Chemistry	0	0	15	2
812			Structured Biochemistry	11	4	17	1
813			Functional Biochemistry	1	2	13	2
			Biological Chemistry total	12	6	45	5
821			Biophysics	6	7	14	5
822			Molecular Biology	6	18	73	10
823			Cell Biology	3	5	27	2
824			Developmental Biology	10	3	33	1
			Basic Biology total	25	33	147	18
831	A R E A		Neuroanatomy and Neuropathology	2	1	7	0
832			Neurochemistry and Neuropharmacology	2	1	7	1
833			Neuro Science in General	8	3	28	6
834			Neuro and Muscular Physiology	4	8	17	3
			Neuro Science (inclu. Brain Science) total	16	13	59	10
841			Laboratory Animal Science	1	2	3	1
851			Medical Organism Engineering and Material Science of Organism	11	8	61	6
	INTERDISCIPLINARY AREA Total			137	151	878	118
999	WIDE AREA Total			16	7	41	10
	Item n.a. Total			516	532	2,075	321
	Grand Total			1,587	1,540	6,252	859

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	27	18	14	71
774			Nuclear Power Science	31	34	13	107
			Energy total	61	59	29	212
801			Environmental Dynamic Analysis	4	27	16	78
802			Environmental Influence Assessment (inclu. Radiobiology)	14	21	22	89
803			Environmental Preservation	23	37	26	128
			Environmental Science total	41	85	64	295
811			Biological Organic Chemistry	4	16	12	49
812			Structured Biochemistry	2	10	11	56
813			Functional Biochemistry	6	7	3	34
			Biological Chemistry total	12	33	26	139
821			Biophysics	8	9	5	54
822			Molecular Biology	11	23	21	162
823			Cell Biology	3	3	16	59
824			Developmental Biology	4	2	11	64
			Basic Biology total	26	37	53	339
831	A R E A		Neuroanatomy and Neuropathology	2	1	1	14
832			Neurochemistry and Neuropharmacology	3	13	1	28
833			Neuro Science in General	4	9	18	76
834			Neuro and Muscular Physiology	2	9	9	52
			Neuro Science (inclu. Brain Science) total	11	32	29	170
841			Laboratory Animal Science	0	5	0	12
851			Medical Organism Engineering and Material Science of Organism	20	54	40	200
	INTERDISCIPLINARY AREA Total			310	612	550	2,756
999	WIDE AREA Total			26	35	61	196
	Item n.a. Total			1,299	2,035	1,873	8,651
	Grand Total			3,174	6,174	5,545	25,131

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	1	0	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	3	0	0
214			Religion	0	0	0	0
215			Ethics	0	0	1	0
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	3	2	0	0
218			Art History	0	2	0	0
			Philosophy total	5	7	1	0
221		Psychology • Sociology • Education	Experimental Psychology	0	0	2	0
222			Educational and Social	1	0	1	0
223			Sociology	0	1	2	0
224			Education	1	1	0	1
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	1	0
			Psychology • Sociology • Education Cultural Anthropology total	2	2	6	1
231		History	Japanese History	1	2	0	1
232			Oriental History	0	1	0	0
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	1	3	0	1
241		Literature	Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	0
243			Chinese Language and Literature	1	0	1	0
244			English Language and Literature	4	1	0	1
245			French Language and Literature	0	1	0	0
246			German Language and Literature	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	0	0
248			Linguistics and Phonetics	0	1	1	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	5	3	2	1
			ARTS • HUMANITIES Total	13	15	9	3
261	LAW	Basic Science of Law	Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	0
263			International Law	1	0	0	0
264			Civil Law	1	0	0	0
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	4	1	0	0
			LAW Total	6	1	0	0
271	ECONOMICS	General Theory of Economics	General Theory of Economics	2	1	6	0
272			Economical Statistics	0	0	1	0
273			Economic Policy (inclu. Economic Condition)	0	1	4	0
274			Economic History	1	0	0	0
275			Public Finance, Money and Banking	0	0	0	0
276			Commercial Science	0	0	0	1
277			Business Administration	0	2	0	0
278			Accounting	0	0	2	0
			ECONOMICS Total	3	4	13	1
301	SCIENCE	Mathematics	Algebra	0	1	7	0
302			Geometry	0	2	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	8	0
305			Basic Analysis	0	0	1	0
306			Larger-area Analysis	0	0	1	0
			Mathematics total	0	3	21	0
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	0	0	6	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	1	2
212			Chinese Philosophy	0	0	0	1
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	3
214			Religion	0	0	1	1
215			Ethics	2	0	0	3
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	4	0	4	13
218			Art History	2	1	1	6
			Philosophy total	8	1	7	29
221			Experimental Psychology	2	0	2	6
222			Educational and Social	2	1	2	7
223			Sociology	7	0	6	16
224			Education	3	2	5	13
225			Cultural Anthropology (inclu. Ethnology and Folklore)	2	0	0	3
			Psychology • Sociology • Education Cultural Anthropology total	16	3	15	45
231			Japanese History	0	0	0	4
232			Oriental History	0	1	1	3
233			European History	0	0	1	1
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	0	1	2	8
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	0
243			Chinese Language and Literature	0	1	2	5
244			English Language and Literature	2	0	4	12
245			French Language and Literature	0	0	1	2
246			German Language and Literature	0	0	0	0
247			Other Foreign Languages and Literatures	0	0	1	1
248			Linguistics and Phonetics	3	2	2	9
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	1	1
			Literature total	5	3	11	30
			ARTS • HUMANITIES Total	29	8	35	112
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	0	0	0
263			International Law	0	0	0	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	0	0	6
			LAW Total	1	0	0	7
271	ECONOMICS		General Theory of Economics	2	3	1	15
272			Economical Statistics	0	0	0	1
273			Economic Policy (inclu. Economic Condition)	2	0	1	7
274			Economic History	1	1	0	3
275			Public Finance, Money and Banking	0	0	0	0
276			Commercial Science	1	0	1	3
277			Business Administration	3	0	1	6
278			Accounting	0	0	0	2
			ECONOMICS Total	9	4	4	37
301	SCIENCE		Algebra	1	1	1	11
302			Geometry	0	0	0	5
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	1	0	2	11
305			Basic Analysis	1	1	1	4
306			Larger-area Analysis	0	0	0	1
			Mathematics total	3	2	4	32
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	3	0	0	9

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)	0	0	0	0
323			Solid-State Physics II (Magnetism, Metal Physics,	0	0	13	0
324			Physical Properties in General (inclu. Basic Theories)	1	0	3	0
325			Physics in General	0	0	1	0
			Physics total	1	0	23	0
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	0	1
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	0
335			Stratigraphy and Paleontology	0	0	3	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	0	0
			Earth Science total	0	0	4	1
341			Physical Chemistry	0	1	11	1
342			Organic Chemistry	0	0	6	0
343			Inorganic Chemistry	0	0	0	0
344			Function, Properties and Materials in Chemistry	0	0	0	1
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	2	0	3	0
			Chemistry total	2	1	20	2
351			Genetics	1	0	1	2
352			Ecology	0	1	1	0
353			Plant Physiology	1	0	3	2
354			Morphology, Structure of Organism	0	0	2	1
355			Animal Physiology and	0	0	2	0
356			Morphology and Taxonomy	0	0	0	0
			Biology total	2	1	9	5
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			5	5	77	8
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	3	1	2	1
402			Surface Physics	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	0	0
404			General Applied Physics	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	3	1	2	1
411			Materials for Machines and Strength of Materials	0	0	2	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	0	0	2	1
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	0	2	0
417			Intelligent Mechanics and Machine System	0	0	3	0
			Machine Engineering total	60	0	13	1
421			Electric Power Engineering and Electric Machinery	5	0	3	0
422			Electronic and Electric Materials Engineering	1	0	3	0
423			Electron Devices and Apparatus Engineering	0	0	0	0
424			Information and Communication Engineering	2	2	4	1

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	0	0	2	2
323			Solid-State Physics II (Magnetism, Metal Physics,	1	2	9	25
324			Physical Properties in General (inclu. Basic Theories)	1	0	4	9
325			Physics in General	1	4	16	22
			Physics total	6	6	31	67
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	1	0	0	2
333			Aeronomy	0	0	0	0
334			Geology	0	0	2	3
335			Stratigraphy and Paleontology	1	0	1	5
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	0	0
			Earth Science total	2	0	3	10
341			Physical Chemistry	6	1	5	25
342			Organic Chemistry	1	3	5	15
343			Inorganic Chemistry	5	0	1	6
344			Function, Properties and Materials in Chemistry	4	1	0	6
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	1	0	6
			Chemistry total	16	6	11	58
351			Genetics	0	0	1	5
352			Ecology	2	1	1	6
353			Plant Physiology	3	0	6	15
354			Morphology, Structure of Organism	0	0	0	3
355			Animal Physiology and	3	1	0	6
356			Morphology and Taxonomy	0	0	0	0
			Biology total	8	2	8	35
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			35	16	57	202
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	3	1	1	12
402			Surface Physics	3	0	2	5
403			Applied Optics and Quantum Optics	3	0	2	4
404			General Applied Physics	0	0	1	1
405			Fundamentals of Engineering	0	0	0	0
			Applied Physics·Fundamentals of Engineering total	9	1	6	22
411			Materials for Machines and Strength of Materials	1	2	3	8
412			Workshop Processes and Production Engineering	1	0	7	70
413			Design Engineering, Machine Elements and Tribology	0	0	0	0
414			Fluid Mechanics	1	1	1	6
415			Heat Engineering	5	1	1	9
416			Mechanics and Control Engineering	3	3	6	14
417			Intelligent Mechanics and Machine System	2	0	0	5
			Machine Engineering total	13	7	18	112
421	G		Electric Power Engineering and Electric Machinery	4	2	1	15
422			Electronic and Electric Materials Engineering	1	4	0	9
423			Electron Devices and Apparatus Engineering	2	1	2	5
424			Information and Communication Engineering	13	9	6	37

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

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	1	0
428			Control Engineering	0	0	1	0
			Electric and Electronic Engineering	8	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	0	0	0
434			Hydraulics and River Engineering	0	0	1	0
435			Traffic Engineering and Regional Planning	0	0	0	0
436			Civil Environmental System	0	0	0	0
			Civil Engineering total	0	0	2	0
441		N	Building Structure and Materials	0	0	3	0
442			Building Science and Building Equipment	0	0	0	0
443		G	City Planning and Building Planning	0	1	0	0
444		I	Architectural History and Design	0	0	0	0
			Architecture total	0	1	3	0
451		N	Physical Metallurgy	1	1	0	0
452			Inorganic Materials and	0	0	0	0
453		E	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	0	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	1	1	1	1
461		G	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	0	0	0
463			Catalyst and Chemical Process	0	0	2	0
464			Bioengineering	1	1	3	0
465			Industrial Analytical Chemistry	0	1	0	0
			Process Engineering total	1	2	5	0
471			Industrial Physical Chemistry	0	0	1	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	0	1	0	0
474			Synthetic Chemistry	0	0	1	0
475			Polymer Synthesis	0	0	4	0
476			Polymer Structure and Property (inclu. Fiber)	0	0	7	0
			Industrial Chemistry total	0	1	13	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	73	8	58	4
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	1	1	2	0
504			Plant Protection	1	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	1	2	0
512			Applied Microbiochemistry and Applied Biochemistry	1	0	1	0
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	0
514			Food Science and Nutritional Chemistry	2	1	2	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		System Engineering	0	0	2	2
427			Electronic Measurements	3	0	2	6
428			Control Engineering	7	1	2	11
			Electric and Electronic Engineering	30	17	15	85
431			Construction Materials and Dynamics in General Civil Engineering	1	0	0	1
432			Structural Engineering and Seismology	3	0	1	5
433			Ground Engineering	0	0	1	1
434			Hydraulics and River Engineering	0	2	1	4
435			Traffic Engineering and Regional Planning	2	0	0	2
436			Civil Environmental System	1	0	2	3
			Civil Engineering total	7	2	5	16
441	N		Building Structure and Materials	4	1	6	14
442			Building Science and Building Equipment	5	3	0	8
443			City Planning and Building Planning	1	2	0	4
444			Architectural History and Design	0	0	0	0
			Architecture total	10	6	6	26
451	N		Physical Metallurgy	0	0	1	3
452			Inorganic Materials and	1	1	0	2
453			Composed Materials and Properties	0	4	1	5
454			Structural and Functional Materials	1	2	0	5
455	R		Metallurgy and Material	0	0	1	1
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	2	7	3	16
461	N		Chemical Engineering in General	4	0	0	4
462			Reaction and Separation Engineering	0	0	2	2
463			Catalyst and Chemical Process	0	1	0	3
464			Bioengineering	4	3	2	14
465			Industrial Analytical Chemistry	0	0	2	3
			Process Engineering total	8	4	6	26
471			Industrial Physical Chemistry	2	6	0	9
472			Industrial Inorganic Chemistry	0	2	0	2
473			Industrial Organic Chemistry	0	0	0	1
474			Synthetic Chemistry	0	0	0	1
475			Polymer Synthesis	0	4	2	10
476			Polymer Structure and Property (inclu. Fiber)	2	2	0	11
			Industrial Chemistry total	4	14	2	34
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	7	5	19
483			Marine Engineering	4	0	0	4
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	4	7	5	23
	ENGINEERING Total			87	65	66	360
501	A G R I C U L T U R E		Plant Breeding	0	0	1	3
502			Crop Science	0	0	6	6
503			Horticulture and Landscape Architecture	7	2	14	27
504			Plant Protection	0	0	0	1
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	7	2	21	37
511			Plant Fertilizer and Manure and Soil Science	0	0	0	3
512			Applied Microbiochemistry and Applied Biochemistry	2	5	0	9
513			Biological Productive Chemistry and Bioorganic Chemistry	0	2	0	4
514			Food Science and Nutritional Chemistry	11	3	7	27

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	5	2	5	1
521			Forestry	0	1	1	0
522	G		Wood Science	0	0	1	0
			Forestry total	0	1	2	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	0	0	1	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	0
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	3
			Agricultural Engineering total	1	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	0	0
564			Applied Veterinary Medicine	4	0	1	1
	E		Animal Science·Veterinary Medicine total	4	0	1	1
571			Biological Resource Science	0	0	1	3
572			Applied Molecular Cell Biology	0	0	6	0
			Interdisciplinary Agricultural Science total	0	0	7	3
			AGRICULTURE Total	12	4	19	9
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	0	0
604			Pharmacology in General	0	5	1	0
605			Medical Chemistry in General	0	21	0	0
606			Pathological Medical Chemistry	0	0	0	0
	M		Physiology total	3	27	2	0
611			Hominal Pathology	0	0	1	0
612	E		Experimental Pathology	0	1	1	4
613	D		Parasitology (inclu. Medical Zoology)	0	0	1	0
614			Bacteriology (inclu. Eumycetes)	0	2	1	0
615	I		Virology	0	0	0	0
616			Immunology	0	0	0	0
	C		Pathology total	0	3	4	4
621			Hygiene	0	0	2	2
622	I		Public Health and Health Science	3	2	3	0
623			Legal Medicine	0	0	0	0
	N		Social Medicine total	3	2	5	2
631			Internal Medicine in General	3	0	3	0
632	E		Gastroenterology	1	0	4	0
633			Internal Medicine Respiratory System	0	0	0	0
634			Neurological Medicine	3	0	0	0
635			Cardioangiopathy	5	1	2	0
636			Pediatrics	0	0	0	0
637			Dermatology	2	0	6	0
638			Radiology	0	0	2	0
639			Neuropsychiatry	0	0	0	0
641			Hematology	0	0	1	0
642			Internal Medicine of Kidney	1	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	0	0	0
645			Metabolic Science	0	0	1	0
			Internal Medicine total	15	1	19	0
651			Surgery in General	2	0	1	0
652			Gastroenterological Surgery	0	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	13	10	7	43
521			Forestry	0	0	0	2
522	G		Wood Science	1	0	0	2
			Forestry total	1	0	0	4
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	0	0	0	1
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	8	0	0	11
			Agricultural Engineering total	8	0	0	12
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	0	1
564			Applied Veterinary Medicine	1	0	1	8
	E		Animal Science·Veterinary Medicine total	1	1	1	9
571			Biological Resource Science	2	6	3	15
572			Applied Molecular Cell Biology	1	0	0	7
			Interdisciplinary Agricultural Science total	3	6	3	22
			AGRICULTURE Total	33	19	32	128
601			Anatomy in General (inclu. Histology, Embryology)	4	0	7	13
602			Physiology in General	2	1	8	14
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	2	10	13
604			Pharmacology in General	1	2	2	11
605			Medical Chemistry in General	0	0	23	44
606			Pathological Medical Chemistry	0	0	4	4
	M		Physiology total	8	5	54	99
611			Hominal Pathology	1	0	3	5
612	E		Experimental Pathology	6	0	1	13
613	D		Parasitology (inclu.Medical Zoology)	0	0	0	1
614			Bacteriology (inclu. Eumycetes)	5	1	0	9
615	I		Virology	0	0	0	0
616			Immunology	0	0	0	0
	C		Pathology total	12	1	4	28
621			Hygiene	1	0	14	19
622	I		Public Health and Health Science	2	1	5	16
623			Legal Medicine	1	0	3	4
	N		Social Medicine total	4	1	22	39
631			Internal Medicine in General	4	2	18	26
632	E		Gastroenterology	1	1	8	15
633			Internal Medicine Respiratory System	2	1	18	21
634			Neurological Medicine	3	0	1	7
635			Cardioangiolog	2	2	14	26
636			Pediatrics	1	0	10	11
637			Dermatology	6	11	8	33
638			Radiology	0	0	4	6
639			Neuropsychiatry	0	0	3	3
641			Hematology	1	0	2	3
642			Internal Medicine of Kidney	0	1	4	6
643			Embryology and Newborn	1	0	2	3
644			Endocrinology	0	2	0	2
645			Metabolic Science	0	0	0	1
			Internal Medicine total	21	20	92	163
651			Surgery in General	3	0	1	7
652			Gastroenterological Surgery	2	0	17	20
653			Thoracic Surgery	0	0	3	3

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	MEDICINE	M	Neurosurgery	0	0	0	0	
655			Orthopedic Surgery	3	2	0	1	
656			Anesthesiology and Rescue Medicine	1	0	4	0	
657			Urology	2	0	0	0	
658			Obstetrics and Gynecology	3	0	1	0	
659			Oto-rhino-laryngology	0	0	0	0	
660			Ophthalmology	0	0	0	0	
661			Pediatric Surgery	0	0	0	0	
662			Formative Surgery	0	1	0	0	
			Surgery total	11	4	6	1	
671		E	D	Oral Anatomy and Morphological Basic Dentistry	0	0	0	0
672		Functional Basic Dentistry		0	0	0	0	
673		Morbid Dentistry (inclu. Dental Radiology)		0	0	0	0	
674		Conservative Dentistry		0	0	0	0	
675		Prosthodontics and Dental Technology		0	0	0	0	
676		Oral Surgery		0	0	0	0	
677		Orthodontics, Pedodontics and Social Dentistry		0	0	0	0	
678		Periodontological Dentistry		0	0	0	0	
		Dentistry total		0	0	0	0	
681		P	C	Chemical Pharmaceutics	0	0	2	0
682				Physical Pharmaceutics	0	0	0	0
683				Biopharmaceutics	0	2	0	0
684				Molecular Pharmaceutics	0	0	2	0
685				Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	0	2	4	0	
691			N	Medical Sociology	0	0	0	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		3	4	0		
697	Science of Clinical Nursing	1		2	0	0		
	Medicine in General total	3	5	4	1			
	MEDICINE Total		35	44	44	8		
702	INTERDISCIPLINARY AREA	I	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	2	0	
703			Physical Education	1	0	3	0	
704			G	Human Geography	0	0	0	0
705				Physical Geography	0	0	2	0
			Geography total	0	0	2	0	
706			H	Home Science(inclu. Cloth/Living Environments)	0	0	1	0
707				Food Culture	0	0	4	0
			Domestic Science total	0	0	5	0	
708			Science of Cultural Property	0	0	0	0	
711			S	Science Education	0	0	0	0
712				Educational Engineering	0	0	2	0
713				Curriculum Studies	0	0	0	0
714				Japanese Language Education	0	0	0	0
			Science Education·Curriculum Education total	0	0	2	0	
721		A	Statistics	0	0	0	0	
731			C	Computer Science	0	0	4	1
732				Intelligent Informatics	0	0	2	0
733			I	Study of Information System (Inclu. Library and Information Science)	0	1	7	0
				Information Science total	0	1	13	1
741				Social System Engineering	1	0	5	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	12	0	10	22
655			Orthopedic Surgery	3	2	24	35
656			Anesthesiology and Rescue Medicine	1	2	7	15
657			Urology	1	2	2	7
658			Obstetrics and Gynecology	2	1	0	7
659			Oto-rhino-laryngology	0	0	2	2
660			Ophthalmology	0	0	1	1
661			Pediatric Surgery	0	0	1	1
662			Formative Surgery	10	0	4	15
			Surgery total	34	7	72	135
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	1	1
672	D		Functional Basic Dentistry	0	0	2	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	0	1
674	C		Conservative Dentistry	0	0	1	1
675			Prosthodontics and Dental Technology	1	0	0	1
676	I		Oral Surgery	11	0	3	14
677	N		Orthodontics, Pedodontics and Social Dentistry	0	0	1	1
678			Periodontological Dentistry	0	0	0	0
	E		Dentistry total	13	0	8	21
681			Chemical Pharmaceutics	2	1	0	5
682			Physical Pharmaceutics	0	0	0	0
683			Biopharmaceutics	4	1	0	7
684			Molecular Pharmaceutics	0	0	0	2
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	6	2	0	14
691			Medical Sociology	0	0	1	2
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	1	0	1	2
696			Science of Basic and Local Nursing	3	1	5	18
697			Science of Clinical Nursing	12	0	8	23
			Medicine in General total	16	1	15	45
			MEDICINE Total	114	37	267	544
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	0	2
703			Physical Education	4	0	7	15
704			Human Geography	0	0	2	2
705			Physical Geography	0	1	3	6
			Geography total	0	1	5	8
706			Home Science(inclu. Cloth/Living Environments)	1	0	4	6
707			Food Culture	2	1	5	12
			Domestic Science total	3	1	9	18
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	2	2
712	A R E A		Educational Engineering	3	1	1	7
713			Curriculum Studies	2	0	0	2
714			Japanese Language Education	1	1	1	3
			Science Education·Curriculum Education total	6	2	4	14
721			Statistics	0	0	4	4
731			Computer Science	9	4	2	20
732			Intelligent Informatics	14	3	6	25
733			Study of Information System (Inclu. Library and Information Science)	2	3	7	20
			Information Science total	25	10	15	65
741			Social System Engineering	4	4	5	21
751	I		Natural Disaster Science	0	0	0	0
761			Plasma Science and Technology	0	0	2	4
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	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)	1	1	1	1
803			Environmental Preservation	11	2	1	2
			Environmental Science total	14	3	7	3
811			Biological Organic Chemistry	0	0	1	0
812			Structured Biochemistry	0	0	0	0
813			Functional Biochemistry	0	0	1	0
			Biological Chemistry total	0	0	2	0
821	A R E A		Biophysics	8	5	0	2
822			Molecular Biology	0	4	6	0
823			Cell Biology	0	2	0	0
824			Developmental Biology	0	0	1	0
			Basic Biology total	8	11	7	2
831			Neuroanatomy and Neuropathology	2	0	1	0
832			Neurochemistry and Neuropharmacology	0	0	0	0
833			Neuro Science in General	1	1	4	0
834			Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	3	1	5	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	5	0	1	0
			INTERDISCIPLINARY AREA Total	32	16	56	8
999			WIDE AREA Total	3	0	0	0
			Item n.a. Total	40	33	122	21
			Grand Total	222	130	398	62

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 E		Energy Science General	0	4	0	4
774			Nuclear Power Science	0	0	0	0
			Energy total	0	4	0	4
801	R D I		Environmental Dynamic Analysis	5	18	3	33
802			Environmental Influence Assessment (inclu. Radiobiology)	5	7	2	18
803			Environmental Preservation	2	3	1	22
	C		Environmental Science total	12	28	6	73
811	I P L		Biological Organic Chemistry	1	0	4	6
812			Structured Biochemistry	0	0	0	0
813			Functional Biochemistry	0	2	2	5
	I		Biological Chemistry total	1	2	6	11
821	N A R		Biophysics	0	0	3	18
822			Molecular Biology	3	1	1	15
823			Cell Biology	1	0	4	7
824	Y		Developmental Biology	2	0	1	4
			Basic Biology total	6	1	9	44
831	A R E		Neuroanatomy and Neuropathology	1	0	5	9
832			Neurochemistry and Neuropharmacology	1	2	3	6
833			Neuro Science in General	1	0	2	9
834			Neuro and Muscular Physiology	1	0	3	4
			Neuro Science (inclu. Brain Science) total	4	2	13	28
841			Laboratory Animal Science	1	0	0	1
851			Medical Organism Engineering and Material Science of Organism	3	2	4	15
	INTERDISCIPLINARY AREA Total			69	57	89	327
999	WIDE AREA Total			5	5	2	15
	Item n.a. Total			196	86	236	734
	Grand Total			578	297	788	2,466

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	Philosophy	5	10	3	0
212			Chinese Philosophy	0	4	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	14	10	1	0
214			Religion	14	9	4	0
215			Ethics	1	0	0	1
216			History of Philosophy	3	3	1	0
217			Aesthetics (inclu. Arts)	27	37	1	6
218			Art History	2	3	1	0
			Philosophy total	66	76	11	7
221		Psychology • Sociology • Education	Experimental Psychology	4	2	13	1
222			Educational and Social	25	5	10	6
223			Sociology	76	60	26	4
224			Education	17	6	1	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	19	6	1	12
			Psychology • Sociology • Education Cultural Anthropology total	141	79	51	26
231		History	Japanese History	2	0	2	1
232			Oriental History	13	6	0	1
233			European History	2	7	0	1
234			Archaeology (inclu. Prehistory)	4	2	1	0
			History total	21	15	3	3
241		Literature	Japanese Language	6	6	0	1
242			Japanese Literature	5	4	0	3
243			Chinese Language and Literature	28	12	9	1
244			English Language and Literature	9	19	7	1
245			French Language and Literature	3	3	1	0
246			German Language and Literature	2	4	0	1
247			Other Foreign Languages and Literatures	13	3	5	0
248			Linguistics and Phonetics	11	18	8	5
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	1	4	1	0
			Literature total	78	73	31	12
			ARTS • HUMANITIES Total	306	243	96	48
261	LAW	Basic Science of Law	Basic Science of Law	9	2	4	0
262			Public Law	4	0	1	0
263			International Law	1	3	0	5
264			Civil Law	8	5	1	1
265			Social Law	0	0	2	0
266			Criminal Law	3	0	0	0
267			Politics	25	22	4	0
			LAW Total	50	32	12	6
271	ECONOMICS	General Theory of Economics	General Theory of Economics	7	3	16	3
272			Economical Statistics	1	2	1	1
273			Economic Policy (inclu. Economic Condition)	15	16	1	7
274			Economic History	1	4	8	0
275			Public Finance, Money and Banking	12	2	1	5
276			Commercial Science	1	6	0	0
277			Business Administration	58	13	5	0
278			Accounting	2	1	5	0
			ECONOMICS Total	97	47	37	16
301	SCIENCE	Mathematics	Algebra	2	6	11	0
302			Geometry	14	2	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	20	18	35	7
305			Basic Analysis	1	1	18	0
306			Larger-area Analysis	8	5	6	0
			Mathematics total	45	32	74	7
311			Astronomy	1	0	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	7	5	17	2

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
211	A R T S · H U M A N I T I E S		Philosophy	15	3	4	40
212			Chinese Philosophy	5	1	1	11
213			Indian Philosophy (inclu. Buddhist Studies)	8	1	7	41
214			Religion	12	0	2	40
215			Ethics	4	0	1	7
216			History of Philosophy	8	2	5	22
217			Aesthetics (inclu. Arts)	14	2	27	114
218			Art History	1	0	1	8
			Philosophy total	67	9	48	283
221			Experimental Psychology	26	0	14	60
222			Educational and Social	49	1	49	145
223			Sociology	88	3	34	291
224			Education	22	4	14	67
225			Cultural Anthropology (inclu. Ethnology and Folklore)	22	4	9	73
			Psychology·Sociology·Education Cultural Anthropology total	207	12	120	636
231			Japanese History	7	0	2	14
232			Oriental History	6	1	5	32
233			European History	3	5	4	22
234			Archaeology (inclu. Prehistory)	6	0	2	15
			History total	22	6	13	83
241			Japanese Language	5	1	2	21
242			Japanese Literature	6	0	3	21
243			Chinese Language and Literature	20	2	26	98
244			English Language and Literature	77	9	24	144
245			French Language and Literature	3	4	0	14
246			German Language and Literature	6	1	2	16
247			Other Foreign Languages and Literatures	27	0	10	58
248			Linguistics and Phonetics	54	4	26	126
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	10	0	3	19
			Literature total	208	21	96	517
			ARTS·HUMANITIES Total	504	48	277	1,519
261	L A W		Basic Science of Law	6	0	1	22
262			Public Law	0	0	1	6
263			International Law	3	1	3	11
264			Civil Law	12	4	6	37
265			Social Law	0	0	1	3
266			Criminal Law	1	0	6	10
267			Politics	39	13	10	113
			LAW Total	61	18	28	202
271	E C O N O M I C S		General Theory of Economics	32	5	16	82
272			Economical Statistics	6	5	1	17
273			Economic Policy (inclu. Economic Condition)	20	5	14	78
274			Economic History	6	0	0	19
275			Public Finance, Money and Banking	8	1	2	31
276			Commercial Science	9	5	4	25
277			Business Administration	46	7	45	174
278			Accounting	23	2	10	43
			ECONOMICS Total	150	30	92	469
301	S C I E N C E		Algebra	18	1	0	38
302			Geometry	4	1	1	26
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	26	0	21	127
305			Basic Analysis	15	2	5	42
306			Larger-area Analysis	17	0	1	37
			Mathematics total	80	4	28	270
311			Astronomy	4	0	1	7
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	40	7	7	85

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)	0	0	12	0
323			Solid-State Physics II (Magnetism, Metal Physics,	1	3	11	0
324			Physical Properties in General (inclu. Basic Theories)	2	0	16	0
325			Physics in General	1	6	5	1
			Physics total	11	14	61	3
331			Physics of Solid Earth	0	0	2	0
332			Meteorology, Oceanography and Hydrology	0	1	6	2
333			Aeronomy	3	3	1	0
334			Geology	1	1	0	1
335			Stratigraphy and Paleontology	1	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	3	0	0	0
			Earth Science total	8	5	9	3
341			Physical Chemistry	6	2	11	1
342			Organic Chemistry	1	0	0	1
343			Inorganic Chemistry	0	0	1	0
344			Function, Properties and Materials in Chemistry	2	2	2	0
345			Substance Transformation	1	0	0	0
346			Separation, Refining and Identification	1	0	1	1
			Chemistry total	11	4	15	3
351			Genetics	0	1	2	0
352			Ecology	5	1	4	1
353			Plant Physiology	3	4	1	0
354			Morphology, Structure of Organism	1	0	0	0
355			Animal Physiology and	0	1	3	0
356			Morphology and Taxonomy	1	1	0	0
			Biology total	10	8	10	1
361			Physical Anthropology (inclu. Physiological Anthropology)	0	3	0	0
	SCIENCE Total			86	66	170	17
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	0	0	1
402			Surface Physics	1	0	0	0
403			Applied Optics and Quantum Optics	2	1	4	0
404			General Applied Physics	0	2	4	0
405			Fundamentals of Engineering	1	0	0	1
			Applied Physics·Fundamentals of Engineering total	4	3	8	2
411			Materials for Machines and Strength of Materials	2	2	5	1
412			Workshop Processes and Production Engineering	3	1	3	0
413			Design Engineering, Machine Elements and Tribology	1	0	1	0
414			Fluid Mechanics	0	0	5	0
415			Heat Engineering	0	0	2	3
416			Mechanics and Control Engineering	2	2	4	0
417			Intelligent Mechanics and Machine System	1	0	7	3
			Machine Engineering total	9	5	27	7
421			Electric Power Engineering and Electric Machinery	4	18	5	1
422			Electronic and Electric Materials Engineering	0	1	11	2
423			Electron Devices and Apparatus Engineering	5	3	22	10
424			Information and Communication Engineering	1	11	15	6

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)	33	0	6	51
323			Solid-State Physics II (Magnetism, Metal Physics,	33	4	6	58
324			Physical Properties in General (inclu. Basic Theories)	28	1	5	52
325			Physics in General	19	1	3	36
			Physics total	153	13	27	282
331			Physics of Solid Earth	9	0	4	15
332			Meteorology, Oceanography and Hydrology	60	6	2	77
333			Aeronomy	6	0	1	14
334			Geology	1	2	0	6
335			Stratigraphy and Paleontology	0	1	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	4	0	2	6
337			Geochemistry	1	0	2	6
		Earth Science total		81	9	11	126
341			Physical Chemistry	36	8	10	74
342			Organic Chemistry	14	0	2	18
343			Inorganic Chemistry	8	0	3	12
344			Function, Properties and Materials in Chemistry	15	7	5	33
345			Substance Transformation	1	0	0	2
346			Separation, Refining and Identification	13	6	6	28
			Chemistry total	87	21	26	167
351			Genetics	2	0	0	5
352			Ecology	7	3	6	27
353			Plant Physiology	4	1	2	15
354			Morphology, Structure of Organism	3	0	3	7
355			Animal Physiology and	9	0	1	14
356			Morphology and Taxonomy	6	0	2	10
			Biology total	31	4	14	78
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	2	7
	SCIENCE Total			437	52	109	937
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	21	1	3	26
402			Surface Physics	15	1	2	19
403			Applied Optics and Quantum Optics	17	6	17	47
404			General Applied Physics	75	32	0	113
405			Fundamentals of Engineering	7	2	3	14
		Applied Physics·Fundamentals of Engineering total		135	42	25	219
411			Materials for Machines and Strength of Materials	56	13	5	84
412			Workshop Processes and Production Engineering	35	12	9	63
413			Design Engineering, Machine Elements and Tribology	16	3	7	28
414			Fluid Mechanics	34	49	5	93
415			Heat Engineering	19	9	9	42
416			Mechanics and Control Engineering	27	6	5	46
417			Intelligent Mechanics and Machine System	87	8	9	115
		Machine Engineering total		274	100	49	471
421			Electric Power Engineering and Electric Machinery	61	17	24	130
422			Electronic and Electric Materials Engineering	39	35	12	100
423			Electron Devices and Apparatus Engineering	48	13	15	116
424			Information and Communication Engineering	149	42	19	243

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
425	E		System Engineering	1	9	3	2
427			Electronic Measurements	2	0	8	0
428			Control Engineering	0	2	9	0
			Electric and Electronic Engineering	13	44	73	21
431			Construction Materials and Dynamics in General Civil Engineering	1	1	0	0
432			Structural Engineering and Seismology	0	4	0	0
433			Ground Engineering	0	3	0	3
434			Hydraulics and River Engineering	2	6	2	0
435			Traffic Engineering and Regional Planning	0	0	2	2
436			Civil Environmental System	3	0	1	0
			Civil Engineering total	6	14	5	5
441		N	Building Structure and Materials	3	1	4	1
442			Building Science and Building Equipment	5	5	1	2
443		G	City Planning and Building Planning	5	12	3	0
444		I	Architectural History and Design	0	2	5	0
			Architecture total	13	20	13	3
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	2	0	4	1
453		E	Composed Materials and Properties	1	1	1	0
454		E	Structural and Functional Materials	0	1	0	0
455		R	Metallurgy and Material	0	2	10	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	3	4	15	1
461		G	Chemical Engineering in General	0	1	11	0
462			Reaction and Separation Engineering	1	0	0	0
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	1	1	2	0
465			Industrial Analytical Chemistry	0	0	0	0
			Process Engineering total	2	2	13	0
471			Industrial Physical Chemistry	0	1	0	0
472			Industrial Inorganic Chemistry	1	0	0	0
473			Industrial Organic Chemistry	1	0	0	0
474			Synthetic Chemistry	1	0	1	0
475			Polymer Synthesis	1	0	0	0
476			Polymer Structure and Property (inclu. Fiber)	1	0	3	0
			Industrial Chemistry total	5	1	4	0
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	0	0	9	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	10	0
	ENGINEERING Total			55	93	168	39
501	A G R I C U L T U R E		Plant Breeding	2	0	1	0
502			Crop Science	0	1	0	1
503			Horticulture and Landscape Architecture	3	0	0	0
504			Plant Protection	1	1	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	6	2	1	1
511			Plant Fertilizer and Manure and Soil Science	0	1	3	1
512			Applied Microbiochemistry and Applied Biochemistry	1	2	6	2
513			Biological Productive Chemistry and Bioorganic Chemistry	1	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	17	4	7	43
427			Electronic Measurements	38	7	13	68
428			Control Engineering	28	5	10	54
			Electric and Electronic Engineering	380	123	100	754
431			Construction Materials and Dynamics in General Civil Engineering	11	3	4	20
432			Structural Engineering and Seismology	34	4	12	54
433			Ground Engineering	5	1	2	14
434			Hydraulics and River Engineering	14	3	8	35
435			Traffic Engineering and Regional Planning	18	2	15	39
436			Civil Environmental System	7	3	8	22
			Civil Engineering total	89	16	49	184
441		N	Building Structure and Materials	34	2	13	58
442			Building Science and Building Equipment	57	9	4	83
443		G	City Planning and Building Planning	12	1	10	43
444		I	Architectural History and Design	5	0	7	19
			Architecture total	108	12	34	203
451		N	Physical Metallurgy	9	0	2	11
452			Inorganic Materials and	6	8	5	26
453		E	Composed Materials and Properties	3	2	1	9
454		E	Structural and Functional Materials	4	2	0	7
455		R	Metallurgy and Material	13	51	3	79
456			Metal Productive Engineering	5	0	3	8
			Material Engineering total	40	63	14	140
461		N	Chemical Engineering in General	5	2	0	19
462			Reaction and Separation Engineering	2	2	3	8
463			Catalyst and Chemical Process	4	1	0	5
464			Bioengineering	9	26	3	42
465			Industrial Analytical Chemistry	2	0	0	2
			Process Engineering total	22	31	6	76
471			Industrial Physical Chemistry	5	1	0	7
472			Industrial Inorganic Chemistry	3	0	0	4
473			Industrial Organic Chemistry	1	3	4	9
474			Synthetic Chemistry	8	7	2	19
475			Polymer Synthesis	6	1	1	9
476			Polymer Structure and Property (inclu. Fiber)	9	3	2	18
			Industrial Chemistry total	32	15	9	66
481			Aeronautics	8	3	2	14
482			Ship Engineering	2	0	0	2
483			Marine Engineering	7	3	5	24
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	17	6	7	40
			ENGINEERING Total	1,097	408	293	2,153
501	A G R I C U L T U R E		Plant Breeding	2	3	5	13
502			Crop Science	2	0	0	4
503			Horticulture and Landscape Architecture	5	1	1	10
504			Plant Protection	11	2	2	17
505			Sericultural Science and Economic Entomology	2	0	1	3
			Agriculture total	22	6	9	47
511			Plant Fertilizer and Manure and Soil Science	1	1	3	10
512			Applied Microbiochemistry and Applied Biochemistry	16	1	7	35
513			Biological Productive Chemistry and Bioorganic Chemistry	7	2	2	12
514			Food Science and Nutritional Chemistry	13	5	21	45

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	3	7	9	4
521			Forestry	1	0	1	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	0	1	0
531	R		Fisheries in General	3	2	8	1
532			Fisheries Chemistry	0	0	2	0
			Fisheries total	3	2	10	1
541	I		Agricultural Economics	1	0	0	0
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	3	3	6	0
			Agricultural Engineering total	3	3	6	1
561	T		Animal Science and Grassland Science	0	3	0	1
562	U		Applied Animal Science	0	1	0	0
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	1	0
564			Applied Veterinary Medicine	0	3	5	0
	E		Animal Science·Veterinary Medicine total	1	7	6	1
571			Biological Resource Science	0	0	2	1
572			Applied Molecular Cell Biology	0	0	2	0
			Interdisciplinary Agricultural Science total	0	0	4	1
			AGRICULTURE Total	18	21	37	9
601			Anatomy in General (inclu. Histology, Embryology)	4	0	0	1
602			Physiology in General	3	6	2	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	2	1	3	0
604			Pharmacology in General	15	4	2	0
605			Medical Chemistry in General	2	1	1	0
606			Pathological Medical Chemistry	1	5	2	0
	M		Physiology total	27	17	10	1
611			Hominal Pathology	6	2	3	0
612	E		Experimental Pathology	1	1	0	0
613	D		Parasitology (inclu. Medical Zoology)	1	2	2	2
614			Bacteriology (inclu. Eumycetes)	5	2	0	0
615	I		Virology	1	0	0	3
616			Immunology	3	6	4	0
	C		Pathology total	17	13	9	5
621			Hygiene	2	0	4	5
622	I		Public Health and Health Science	9	9	4	6
623			Legal Medicine	1	1	1	0
	N		Social Medicine total	12	10	9	11
631			Internal Medicine in General	3	12	1	1
632	E		Gastroenterology	1	14	13	1
633			Internal Medicine Respiratory System	2	1	0	1
634			Neurological Medicine	5	3	0	1
635			Cardioangiopathy	15	16	25	9
636			Pediatrics	27	9	51	0
637			Dermatology	11	4	4	0
638			Radiology	6	9	4	3
639			Neuropsychiatry	12	17	2	5
641			Hematology	9	3	4	3
642			Internal Medicine of Kidney	2	23	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	1	0	1	0
645			Metabolic Science	0	0	0	0
			Internal Medicine total	94	111	105	24
651			Surgery in General	18	5	3	0
652			Gastroenterological Surgery	15	6	3	0
653			Thoracic Surgery	3	2	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	37	9	33	102
521			Forestry	3	1	7	13
522	G		Wood Science	1	0	0	1
			Forestry total	4	1	7	14
531	R		Fisheries in General	17	1	6	38
532			Fisheries Chemistry	3	0	1	6
			Fisheries total	20	1	7	44
541	I		Agricultural Economics	3	0	1	5
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	7	8
552	U		Agricultural Machinery	4	0	1	5
553	L		Biological Environment	0	10	0	22
			Agricultural Engineering total	4	10	8	35
561	T		Animal Science and Grassland Science	3	1	1	9
562	U		Applied Animal Science	2	0	0	3
563	R		Basic Veterinary Medicine and Basic Animal Science	7	1	1	11
564			Applied Veterinary Medicine	4	0	1	13
	E		Animal Science·Veterinary Medicine total	16	2	3	36
571			Biological Resource Science	5	0	1	9
572			Applied Molecular Cell Biology	0	0	2	4
			Interdisciplinary Agricultural Science total	5	0	3	13
			AGRICULTURE Total	111	29	71	296
601			Anatomy in General (inclu. Histology, Embryology)	17	2	7	31
602			Physiology in General	11	4	18	44
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	17	4	24	51
604			Pharmacology in General	64	5	72	162
605			Medical Chemistry in General	7	8	6	25
606			Pathological Medical Chemistry	8	0	3	19
	M		Physiology total	124	23	130	332
611			Hominal Pathology	6	4	20	41
612	E		Experimental Pathology	7	1	23	33
613	D		Parasitology (inclu.Medical Zoology)	15	1	1	24
614			Bacteriology (inclu. Eumycetes)	11	2	5	25
615	I		Virology	6	2	1	13
616			Immunology	4	2	10	29
			Pathology total	49	12	60	165
621	C		Hygiene	4	5	3	23
622	I		Public Health and Health Science	24	3	31	86
623			Legal Medicine	3	2	9	17
	N		Social Medicine total	31	10	43	126
631	E		Internal Medicine in General	22	5	12	56
632			Gastroenterology	16	8	61	114
633			Internal Medicine Respiratory System	17	1	20	42
634			Neurological Medicine	19	0	21	49
635			Cardioangiolog	26	8	48	147
636			Pediatrics	9	4	24	124
637			Dermatology	3	1	7	30
638			Radiology	33	3	12	70
639			Neuropsychiatry	6	1	41	84
641			Hematology	31	2	13	65
642			Internal Medicine of Kidney	5	1	22	53
643			Embryology and Newborn	0	0	1	1
644			Endocrinology	0	1	4	7
645			Metabolic Science	2	2	12	16
			Internal Medicine total	189	37	298	858
651			Surgery in General	10	1	53	90
652			Gastroenterological Surgery	44	3	20	91
653			Thoracic Surgery	12	0	14	31

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	14	3	4	0
655			Orthopedic Surgery	4	11	2	0
656			Anesthesiology and Rescue Medicine	4	1	4	0
657			Urology	4	5	0	0
658			Obstetrics and Gynecology	0	0	1	0
659			Oto-rhino-laryngology	7	3	0	0
660			Ophthalmology	1	3	0	2
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	0	2	1	0
			Surgery total	70	41	18	2
671	E		Oral Anatomy and Morphological Basic Dentistry	2	1	4	1
672	D		Functional Basic Dentistry	1	3	6	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	1	5	0
674	C		Conservative Dentistry	2	5	4	0
675			Prosthodontics and Dental Technology	1	7	4	2
676	I		Oral Surgery	0	4	7	1
677	N		Orthodontics, Pedodontics and Social Dentistry	5	7	10	1
678			Periodontological Dentistry	0	0	0	0
	E		Dentistry total	14	28	40	5
681			Chemical Pharmaceutics	6	5	6	0
682			Physical Pharmaceutics	10	18	4	2
683			Biopharmaceutics	16	13	2	2
684			Molecular Pharmaceutics	1	1	1	8
685			Environmental Pharmaceutics	0	2	1	0
		Pharmaceutics total	33	39	14	12	
691			Medical Sociology	2	1	0	0
692			Human Genetics	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	1	1	3	1
694			Pathological Examination	1	0	0	0
696			Science of Basic and Local Nursing	1	0	1	1
697			Science of Clinical Nursing	0	0	9	0
			Medicine in General total	5	2	13	3
		MEDICINE Total	272	261	218	63	
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	0	1	2
703			Physical Education	8	8	3	0
704			Human Geography	0	2	0	1
705			Physical Geography	0	3	0	0
			Geography total	0	5	0	1
706			Home Science(inclu. Cloth/Living Environments)	3	2	5	0
707			Food Culture	2	6	2	0
		Domestic Science total	5	8	7	0	
708		Science of Cultural Property	3	1	0	0	
711			Science Education	0	1	1	0
712			Educational Engineering	1	0	8	0
713			Curriculum Studies	2	7	3	0
714			Japanese Language Education	6	2	2	3
		Science Education·Curriculum Education total	9	10	14	3	
721	Statistics	3	1	8	0		
731		Computer Science	22	12	13	4	
732		Intelligent Informatics	0	0	10	4	
733	I		Study of Information System (Inclu. Library and Information Science)	1	3	4	4
			Information Science total	23	15	27	12
741		Social System Engineering	10	3	11	4	
751		Natural Disaster Science	0	1	0	6	
761		Plasma Science and Technology	0	0	0	1	
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	14	4	40	79	
655			Orthopedic Surgery	20	3	49	89	
656			Anesthesiology and Rescue Medicine	12	1	18	40	
657			Urology	6	5	47	67	
658			Obstetrics and Gynecology	9	3	38	51	
659			Oto-rhino-laryngology	6	1	17	34	
660			Ophthalmology	7	1	27	41	
661			Pediatric Surgery	1	0	5	6	
662			Formative Surgery	11	1	18	33	
			Surgery total		152	23	346	652
671	E		Oral Anatomy and Morphological Basic Dentistry	53	1	16	78	
672	D		Functional Basic Dentistry	50	0	5	65	
673	I		Morbid Dentistry (inclu. Dental Radiology)	33	2	9	53	
674	C		Conservative Dentistry	34	3	21	69	
675	I		Prosthodontics and Dental Technology	87	1	39	141	
676			Oral Surgery	44	4	20	80	
677	N		Orthodontics, Pedodontics and Social Dentistry	29	2	21	75	
678	E		Periodontological Dentistry	5	0	5	10	
			Dentistry total	335	13	136	571	
681			Chemical Pharmaceuticals	39	16	11	83	
682			Physical Pharmaceuticals	33	25	13	105	
683			Biopharmaceutics	109	10	5	157	
684			Molecular Pharmaceuticals	10	2	2	25	
685			Environmental Pharmaceuticals	27	0	3	33	
		Pharmaceutics total		218	53	34	403	
691			Medical Sociology	2	0	1	6	
692			Human Genetics	1	0	9	11	
693			Applied Pharmacology and Medical Pharmacology	16	5	33	60	
694			Pathological Examination	9	2	5	17	
696			Science of Basic and Local Nursing	7	0	2	12	
697			Science of Clinical Nursing	7	0	14	30	
			Medicine in General total		42	7	64	136
		MEDICINE Total			1,140	178	1,111	3,243
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	5	1	1	11	
703			Physical Education	27	3	32	81	
704			Human Geography	7	0	2	12	
705				Physical Geography	1	0	7	11
			Geography total		8	0	9	23
706			Home Science(inclu. Cloth/Living Environments)	14	3	12	39	
707				Food Culture	16	6	14	46
			Domestic Science total		30	9	26	85
708			Science of Cultural Property		0	0	0	4
711			Science Education	6	1	13	22	
712			Educational Engineering	24	1	14	48	
713			Curriculum Studies	14	0	23	49	
714			Japanese Language Education	7	2	6	28	
		Science Education·Curriculum Education total		51	4	56	147	
721	Statistics		21	2	4	39		
731		Computer Science	81	14	18	164		
732			Intelligent Informatics	37	8	14	73	
733		Study of Information System (Inclu. Library and Information Science)	39	6	19	76		
			Information Science total		157	28	51	313
741		Social System Engineering		42	13	13	96	
751		Natural Disaster Science		2	8	0	17	
761		Plasma Science and Technology		5	4	1	11	
772		I	Nuclear Fusion	1	0	22	24	

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	3	0	1	3
774			Nuclear Power Science	0	0	5	0
			Energy total	3	0	7	3
801			Environmental Dynamic Analysis	6	2	2	1
802			Environmental Influence Assessment (inclu. Radiobiology)	3	0	1	0
803			Environmental Preservation	9	7	0	4
			Environmental Science total	18	9	3	5
811			Biological Organic Chemistry	0	1	3	0
812			Structured Biochemistry	0	0	1	1
813			Functional Biochemistry	0	3	2	2
			Biological Chemistry total	0	4	6	3
821			Biophysics	0	0	6	0
822			Molecular Biology	10	1	9	4
823			Cell Biology	1	6	8	1
824			Developmental Biology	0	0	1	0
			Basic Biology total	11	7	24	5
831			Neuroanatomy and Neuropathology	1	0	2	6
832			Neurochemistry and Neuropharmacology	5	0	1	1
833			Neuro Science in General	5	0	10	22
834			Neuro and Muscular Physiology	2	8	5	2
			Neuro Science (inclu. Brain Science) total	13	8	18	31
841			Laboratory Animal Science	0	0	1	0
851			Medical Organism Engineering and Material Science of Organism	5	2	10	2
			INTERDISCIPLINARY AREA Total	112	82	140	78
999			WIDE AREA Total	26	69	26	16
			Item n.a. Total	286	328	320	85
			Grand Total	1,308	1,242	1,224	377

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N T		Energy Science General	0	4	2	13
774			Nuclear Power Science	5	4	3	17
	E		Energy total	6	8	27	54
801	R D I S		Environmental Dynamic Analysis	4	0	3	18
802			Environmental Influence Assessment (inclu. Radiobiology)	6	1	4	15
803			Environmental Preservation	29	10	9	68
			Environmental Science total	39	11	16	101
811	I P L I		Biological Organic Chemistry	10	0	5	19
812			Structured Biochemistry	14	2	0	18
813			Functional Biochemistry	20	0	18	45
			Biological Chemistry total	44	2	23	82
821	N A R Y		Biophysics	2	2	5	15
822			Molecular Biology	23	5	12	64
823			Cell Biology	5	3	7	31
824			Developmental Biology	3	1	1	6
			Basic Biology total	33	11	25	116
831	A R E A		Neuroanatomy and Neuropathology	5	2	9	25
832			Neurochemistry and Neuropharmacology	10	2	2	21
833			Neuro Science in General	7	5	27	76
834			Neuro and Muscular Physiology	16	4	10	47
			Neuro Science (inclu. Brain Science) total	38	13	48	169
841			Laboratory Animal Science	2	1	0	4
851			Medical Organism Engineering and Material Science of Organism	31	5	17	72
	INTERDISCIPLINARY AREA Total			541	123	349	1,425
999	WIDE AREA Total			53	19	43	251
	Item n.a. Total			1,551	370	1,028	3,968
	Grand Total			5,645	1,275	3,401	14,463

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	ARTS • HUMANITIES	Philosophy	Philosophy	505	402	84	6	3	202	1	17	133	638
212			Chinese Philosophy	117	34	3	0	0	1	112	3	56	173
213			Indian Philosophy (inclu. Buddhist Studies)	209	201	7	1	1	17	11	13	140	349
214			Religion	290	246	24	5	0	69	1	34	66	356
215			Ethics	131	122	8	3	0	36	1	3	50	181
216			History of Philosophy	200	149	33	7	5	55	7	28	86	286
217			Aesthetics (inclu. Arts)	884	707	82	9	2	164	22	76	1,222	2,106
218			Art History	274	231	40	7	1	22	20	39	113	387
			Philosophy total	2,610	2,092	281	38	12	566	175	213	1,866	4,476
221		Psychology • Sociology • Education	Experimental Psychology	528	525	5	3	1	12	0	4	86	614
222			Educational and Social	1,594	1,579	18	7	4	30	7	15	528	2,122
223			Sociology	1,496	1,444	62	12	4	56	28	68	753	2,249
224			Education	1,469	1,394	50	13	11	115	30	52	789	2,258
225			Cultural Anthropology (inclu. Ethnology and Folklore)	482	429	25	26	5	11	35	68	109	591
			Psychology • Sociology • Education Cultural Anthropology total	5,569	5,371	160	61	25	224	100	207	2,265	7,834
231		History	Japanese History	248	228	6	1	2	11	11	22	509	757
232			Oriental History	340	203	6	1	5	2	175	69	95	435
233			European History	494	400	62	40	21	83	1	45	89	583
234			Archaeology (inclu. Prehistory)	158	139	4	2	5	5	16	15	78	236
			History total	1,240	970	78	44	33	101	203	151	771	2,011
241		Literature	Japanese Language	156	138	2	1	0	3	18	17	290	446
242			Japanese Literature	290	250	11	1	3	10	25	33	1,000	1,290
243			Chinese Language and Literature	372	61	1	0	0	2	367	17	96	468
244			English Language and Literature	2,750	2,741	54	13	3	20	4	57	374	3,124
245			French Language and Literature	424	105	417	2	3	4	0	6	53	477
246			German Language and Literature	579	131	5	9	0	566	0	7	74	653
247			Other Foreign Languages and Literatures	391	223	9	85	88	8	8	162	37	428
248			Linguistics and Phonetics	1,128	1,063	59	34	7	48	22	89	136	1,264
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	272	218	50	2	5	33	18	33	89	361
			Literature total	6,362	4,930	608	147	109	694	462	421	2,149	8,511
			ARTS • HUMANITIES Total	15,781	13,363	1,127	290	179	1,585	940	992	7,051	22,832
261	LAW	Basic Science of Law	Basic Science of Law	225	180	23	1	3	53	15	9	78	303
262			Public Law	296	244	36	1	0	83	3	3	157	453
263			International Law	193	188	17	7	2	16	5	9	34	227
264			Civil Law	508	405	51	2	1	162	19	11	238	746
265			Social Law	130	116	10	2	0	24	0	1	55	185
266			Criminal Law	152	114	10	0	1	60	8	6	59	211
267			Politics	833	768	53	17	22	57	52	62	193	1,026
			LAW Total	2,337	2,015	200	30	29	455	102	101	814	3,151
271	ECONOMICS	General Theory of Economics	General Theory of Economics	869	847	28	6	12	40	21	21	212	1,081
272			Economical Statistics	167	166	3	2	2	1	4	3	46	213
273			Economic Policy (inclu. Economic Condition)	923	872	22	14	15	27	50	59	264	1,187
274			Economic History	319	290	24	6	7	37	15	18	113	432
275			Public Finance, Money and Banking	390	384	5	2	3	16	4	9	129	519
276			Commercial Science	342	335	8	4	0	11	12	14	131	473
277			Business Administration	907	880	13	4	2	49	27	39	363	1,270
278			Accounting	455	444	10	1	1	38	4	9	214	669
			ECONOMICS Total	4,372	4,218	113	39	42	219	137	172	1,472	5,844
301	SCIENCE	Mathematics	Algebra	414	413	16	2	1	2	0	0	78	492
302			Geometry	343	342	10	1	3	2	0	3	79	422
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	524	522	13	0	0	5	6	4	106	630
305			Basic Analysis	373	372	18	0	2	2	1	1	58	431
306			Larger-area Analysis	175	175	7	0	0	1	1	0	17	192
			Mathematics total	1,829	1,824	64	3	6	12	8	8	338	2,167
311		Astronomy	Astronomy	205	205	2	0	0	0	0	0	27	232
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	752	752	7	0	2	6	1	2	77	829

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)	384	384	3	0	3	3	4	4	37	421
323			Solid-State Physics II (Magnetism, Metal Physics,	429	429	4	0	0	2	1	0	48	477
324			Physical Properties in General (inclu. Basic Theories)	309	309	1	0	1	3	0	0	40	349
325			Physics in General	313	312	3	1	0	6	0	0	53	366
			Physics total	2,187	2,186	18	1	6	20	6	6	255	2,442
331			Physics of Solid Earth	225	225	0	0	0	0	2	0	22	247
332			Meteorology, Oceanography and Hydrology	279	278	0	1	2	1	3	4	35	314
333			Aeronomy	84	84	0	0	0	1	0	0	5	89
334			Geology	166	166	1	1	1	2	2	1	17	183
335			Stratigraphy and Paleontology	87	87	0	0	0	0	0	2	10	97
336			Mineralogy, Petrology and Study of Mineral Deposit	188	188	5	2	0	5	1	0	12	200
337			Geochemistry	133	133	0	1	1	0	1	1	20	153
			Earth Science total	1,162	1,161	6	5	4	9	9	8	121	1,283
341			Physical Chemistry	580	580	2	0	1	3	2	1	79	659
342			Organic Chemistry	466	466	2	0	0	3	1	0	82	548
343			Inorganic Chemistry	311	311	0	1	0	0	0	1	36	347
344			Function, Properties and Materials in Chemistry	260	260	2	0	1	1	1	1	32	292
345			Substance Transformation	38	37	0	0	0	0	1	1	3	41
346			Separation, Refining and Identification	196	196	0	1	0	0	2	0	33	229
			Chemistry total	1,851	1,850	6	2	2	7	7	4	265	2,116
351			Genetics	236	236	0	0	0	0	1	1	38	274
352			Ecology	425	423	2	2	0	2	2	6	58	483
353			Plant Physiology	270	269	1	0	0	2	2	1	36	306
354			Morphology, Structure of Organism	143	143	0	0	0	3	0	0	29	172
355			Animal Physiology and	169	169	1	0	0	1	0	1	22	191
356			Morphology and Taxonomy	219	219	0	2	1	3	1	0	26	245
			Biology total	1,462	1,459	4	4	1	11	6	9	209	1,671
361			Physical Anthropology (inclu. Physiological Anthropology)	99	98	3	2	0	2	1	1	12	111
			SCIENCE Total	8,795	8,783	103	17	19	61	37	36	1,227	10,022
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	254	254	2	0	2	3	3	2	24	278
402			Surface Physics	164	164	0	0	1	0	0	1	19	183
403			Applied Optics and Quantum Optics	273	273	2	0	1	1	1	4	29	302
404			General Applied Physics	157	157	2	0	0	1	0	0	26	183
405			Fundamentals of Engineering	106	106	1	0	0	1	0	0	19	125
			Applied Physics·Fundamentals of Engineering total	954	954	7	0	4	6	4	7	117	1,071
411			Materials for Machines and Strength of Materials	452	451	0	0	0	2	4	6	79	531
412			Workshop Processes and Production Engineering	339	339	0	0	1	3	6	3	71	410
413			Design Engineering, Machine Elements and Tribology	235	234	1	0	1	1	4	4	56	291
414			Fluid Mechanics	450	450	1	0	1	6	4	3	73	523
415			Heat Engineering	419	419	1	0	0	3	5	3	69	488
416			Mechanics and Control Engineering	323	323	0	0	1	1	4	3	66	389
417			Intelligent Mechanics and Machine System	410	409	1	0	1	2	7	6	55	465
			Machine Engineering total	2,628	2,625	4	0	5	18	34	28	469	3,097
421			Electric Power Engineering and Electric Machinery	457	457	0	2	0	3	1	2	71	528
422			Electronic and Electric Materials Engineering	475	475	0	1	0	5	8	5	46	521
423			Electron Devices and Apparatus Engineering	489	489	2	0	0	1	3	1	66	555
424			Information and Communication Engineering	1,009	1,008	2	4	1	3	13	3	179	1,188

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	236	236	2	0	0	0	2	4	37	273
427			Electronic Measurements	389	389	2	0	0	0	3	4	40	429
428			Control Engineering	354	354	1	1	1	2	6	3	41	395
			Electric and Electronic Engineering	3,409	3,408	9	8	2	14	36	22	480	3,889
431			Construction Materials and Dynamics in General Civil Engineering	172	171	1	0	0	1	3	2	38	210
432			Structural Engineering and Seismology	267	266	0	1	0	6	5	1	39	306
433			Ground Engineering	260	260	2	0	0	1	5	2	44	304
434			Hydraulics and River Engineering	274	274	0	2	1	1	3	6	40	314
435			Traffic Engineering and Regional Planning	214	213	0	3	0	0	2	3	34	248
436			Civil Environmental System	217	216	3	2	0	1	3	6	38	255
			Civil Engineering total	1,404	1,400	6	8	1	10	21	20	233	1,637
441		G	Building Structure and Materials	396	396	0	2	0	0	4	3	90	486
442			Building Science and Building Equipment	227	227	0	1	0	2	1	1	29	256
443			City Planning and Building Planning	552	546	7	2	1	8	8	18	183	735
444			Architectural History and Design	201	192	13	2	1	5	5	13	133	334
			Architecture total	1,376	1,361	20	7	2	15	18	35	435	1,811
451		N	Physical Metallurgy	170	170	0	0	1	1	2	0	22	192
452			Inorganic Materials and	294	294	0	0	0	1	2	2	52	346
453			Composed Materials and Properties	100	99	0	0	0	0	1	2	18	118
454			Structural and Functional Materials	220	219	1	1	0	4	2	3	26	246
455		R	Metallurgy and Material	252	252	2	0	0	3	4	3	41	293
456			Metal Productive Engineering	106	106	1	2	0	0	1	0	21	127
			Material Engineering total	1,142	1,140	4	3	1	9	12	10	180	1,322
461		G	Chemical Engineering in General	202	202	1	0	0	0	1	0	31	233
462			Reaction and Separation Engineering	129	129	0	1	0	1	1	0	15	144
463			Catalyst and Chemical Process	119	119	0	0	0	1	2	1	11	130
464			Bioengineering	214	213	0	0	0	2	1	1	36	250
465			Industrial Analytical Chemistry	95	95	0	0	0	0	2	0	18	113
			Process Engineering total	759	758	1	1	0	4	7	2	111	870
471			Industrial Physical Chemistry	202	202	0	0	0	1	0	0	20	222
472			Industrial Inorganic Chemistry	90	90	0	0	0	0	0	0	12	102
473			Industrial Organic Chemistry	86	86	0	0	0	0	0	0	17	103
474			Synthetic Chemistry	240	238	1	0	0	1	1	2	35	275
475			Polymer Synthesis	189	188	0	0	1	1	2	0	38	227
476			Polymer Structure and Property (inclu. Fiber)	229	229	2	0	0	0	1	2	32	261
			Industrial Chemistry total	1,036	1,033	3	0	1	3	4	4	154	1,190
481			Aeronautics	141	141	0	0	0	0	1	1	15	156
482			Ship Engineering	84	84	0	0	0	1	0	1	25	109
483			Marine Engineering	42	42	0	0	0	0	0	0	9	51
484			Resource Development Engineering	92	92	0	0	0	0	2	1	7	99
			Synthetic Engineering total	359	359	0	0	0	1	3	3	56	415
			ENGINEERING Total	13,067	13,038	54	27	16	80	139	131	2,235	15,302
501	A G R I C U L T U R E		Plant Breeding	114	113	1	0	0	1	0	1	27	141
502			Crop Science	98	98	0	0	0	0	0	4	12	110
503			Horticulture and Landscape Architecture	265	261	3	2	1	3	4	8	70	335
504			Plant Protection	181	181	1	0	0	0	2	0	24	205
505			Sericultural Science and Economic Entomology	51	51	0	0	0	0	1	0	22	73
			Agriculture total	709	704	5	2	1	4	7	13	155	864
511			Plant Fertilizer and Manure and Soil Science	139	139	0	0	0	0	0	0	23	162
512			Applied Microbiochemistry and Applied Biochemistry	442	441	4	0	1	1	3	3	92	534
513			Biological Productive Chemistry and Bioorganic Chemistry	137	137	0	0	0	1	0	1	17	154
514			Food Science and Nutritional Chemistry	492	492	2	3	0	3	5	5	181	673

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	1,210	1,209	6	3	1	5	8	9	313	1,523
521			Forestry	262	260	1	0	0	5	2	4	44	306
522	G		Wood Science	161	161	2	0	0	2	2	1	25	186
			Forestry total	423	421	3	0	0	7	4	5	69	492
531	R		Fisheries in General	283	283	1	4	0	0	0	4	48	331
532			Fisheries Chemistry	96	96	0	0	0	0	1	0	21	117
			Fisheries total	379	379	1	4	0	0	1	4	69	448
541	I		Agricultural Economics	230	221	0	1	0	5	11	16	94	324
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	146	145	0	0	0	1	1	3	32	178
552	U		Agricultural Machinery	99	99	0	0	0	1	2	1	21	120
553	L		Biological Environment	61	61	0	0	0	1	1	3	11	72
			Agricultural Engineering total	306	305	0	0	0	3	4	7	64	370
561	T		Animal Science and Grassland Science	137	134	0	1	0	0	3	2	21	158
562	U		Applied Animal Science	135	134	0	2	0	3	1	2	23	158
563	R		Basic Veterinary Medicine and Basic Animal Science	212	210	3	1	0	3	4	4	39	251
564			Applied Veterinary Medicine	212	212	0	2	0	1	2	7	43	255
	E		Animal Science·Veterinary Medicine total	696	690	3	6	0	7	10	15	126	822
571			Biological Resource Science	67	67	0	1	0	0	1	2	10	77
572			Applied Molecular Cell Biology	66	66	0	0	0	0	1	0	12	78
			Interdisciplinary Agricultural Science total	133	133	0	1	0	0	2	2	22	155
			AGRICULTURE Total	4,086	4,062	18	17	2	31	47	71	912	4,998
601			Anatomy in General (inclu. Histology, Embryology)	325	325	1	1	0	10	3	1	45	370
602			Physiology in General	354	354	2	0	0	2	5	2	61	415
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	234	234	1	1	0	5	2	2	37	271
604			Pharmacology in General	279	278	0	0	0	3	1	1	26	305
605			Medical Chemistry in General	265	265	1	0	0	1	1	1	43	308
606			Pathological Medical Chemistry	134	134	0	0	0	1	0	1	26	160
	M		Physiology total	1,591	1,590	5	2	0	22	12	8	238	1,829
611			Hominal Pathology	412	412	0	0	0	5	5	2	74	486
612	E		Experimental Pathology	209	209	0	2	0	1	2	1	38	247
613	D		Parasitology (inclu. Medical Zoology)	148	148	1	3	0	2	1	3	12	160
614			Bacteriology (inclu. Eumycetes)	250	250	1	1	1	0	4	3	47	297
615	I		Virology	200	199	1	0	0	3	3	3	36	236
616			Immunology	320	320	0	0	0	0	2	1	64	384
	C		Pathology total	1,539	1,538	3	6	1	11	17	13	271	1,810
621			Hygiene	222	222	0	1	1	1	2	0	43	265
622	I		Public Health and Health Science	664	661	6	5	0	6	3	5	236	900
623			Legal Medicine	187	186	0	0	0	9	2	0	19	206
	N		Social Medicine total	1,073	1,069	6	6	1	16	7	5	298	1,371
631			Internal Medicine in General	433	433	1	0	0	3	0	3	79	512
632	E		Gastroenterology	504	504	1	1	0	1	1	2	105	609
633			Internal Medicine Respiratory System	252	252	0	0	0	1	0	0	33	285
634			Neurological Medicine	325	324	2	0	0	2	2	0	42	367
635			Cardioangiology	560	559	2	0	0	4	2	1	113	673
636			Pediatrics	513	513	0	0	0	3	0	0	110	623
637			Dermatology	285	285	1	0	0	3	2	2	74	359
638			Radiology	590	590	2	0	0	3	1	3	121	711
639			Neuropsychiatry	475	473	11	0	0	15	3	1	107	582
641			Hematology	348	348	0	0	0	2	0	0	51	399
642			Internal Medicine of Kidney	228	228	1	0	0	0	1	0	35	263
643			Embryology and Newborn	39	39	0	0	0	0	0	0	6	45
644			Endocrinology	192	192	1	0	0	0	1	0	20	212
645			Metabolic Science	204	204	0	1	0	0	0	1	36	240
			Internal Medicine total	4,948	4,944	22	2	0	37	13	13	932	5,880
651			Surgery in General	457	456	2	1	0	3	1	1	79	536
652			Gastroenterological Surgery	468	468	1	0	0	5	1	1	70	538
653			Thoracic Surgery	327	327	2	0	0	3	0	1	61	388

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
654	M		Neurosurgery	383	383	2	0	0	2	2	0	59	442
655			Orthopedic Surgery	626	625	5	0	0	6	2	2	110	736
656			Anesthesiology and Rescue Medicine	431	431	1	1	0	2	1	0	97	528
657			Urology	323	323	0	0	0	3	2	0	60	383
658			Obstetrics and Gynecology	406	406	2	0	0	2	1	1	76	482
659			Oto-rhino-laryngology	323	323	1	1	0	4	2	1	88	411
660			Ophthalmology	352	352	1	1	0	3	0	1	55	407
661			Pediatric Surgery	73	73	0	0	0	2	0	0	9	82
662			Formative Surgery	91	91	0	0	0	0	0	0	28	119
			Surgery total	4,260	4,258	17	4	0	35	12	8	792	5,052
671	E		Oral Anatomy and Morphological Basic Dentistry	261	260	0	1	0	1	3	3	79	340
672	D		Functional Basic Dentistry	200	200	1	0	1	2	0	2	51	251
673	I		Morbid Dentistry (inclu. Dental Radiology)	185	185	0	0	0	0	1	1	64	249
674	C		Conservative Dentistry	318	318	0	0	0	1	4	0	135	453
675			Prosthodontics and Dental Technology	472	472	0	2	0	5	3	4	197	669
676	I		Oral Surgery	578	578	0	0	0	9	1	0	191	769
677	N		Orthodontics, Pedodontics and Social Dentistry	500	499	0	1	0	4	2	6	228	728
678			Periodontological Dentistry	132	132	0	0	0	0	1	0	63	195
	E		Dentistry total	2,646	2,644	1	4	1	22	15	16	1,008	3,654
681			Chemical Pharmaceuticals	440	440	1	0	0	4	3	0	83	523
682			Physical Pharmaceuticals	194	194	0	0	0	1	1	1	39	233
683			Biopharmaceutics	513	513	1	2	0	1	6	3	84	597
684			Molecular Pharmaceutics	134	134	0	0	0	0	0	0	25	159
685			Environmental Pharmaceutics	63	63	0	0	0	0	1	0	16	79
			Pharmaceutics total	1,344	1,344	2	2	0	6	11	4	247	1,591
691			Medical Sociology	167	164	2	1	0	4	0	1	29	196
692			Human Genetics	81	81	0	0	0	0	0	0	9	90
693			Applied Pharmacology and Medical Pharmacology	175	174	0	0	0	1	1	1	23	198
694			Pathological Examination	175	175	0	0	0	0	1	0	39	214
696			Science of Basic and Local Nursing	355	354	0	2	0	2	0	3	405	760
697			Science of Clinical Nursing	453	451	2	0	0	1	1	2	565	1,018
			Medicine in General total	1,406	1,399	4	3	0	8	3	7	1,070	2,476
			MEDICINE Total	18,807	18,786	60	29	3	157	90	74	4,856	23,663
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	117	115	5	1	1	5	2	3	22	139
703			Physical Education	1,069	1,039	1	6	1	54	5	11	904	1,973
704			Human Geography	241	233	8	1	3	8	7	9	80	321
705			Physical Geography	122	122	2	4	0	2	0	2	23	145
			Geography total	363	355	10	5	3	10	7	11	103	466
706			Home Science (inclu. Cloth/Living Environments)	388	384	7	0	0	3	4	1	432	820
707			Food Culture	279	277	1	0	0	1	0	1	334	613
			Domestic Science total	667	661	8	0	0	4	4	2	766	1,433
708			Science of Cultural Property	31	30	2	0	0	0	0	1	12	43
711			Science Education	214	213	4	1	0	3	3	3	67	281
712			Educational Engineering	328	323	1	0	0	5	1	3	107	435
713			Curriculum Studies	767	745	10	3	1	29	5	12	519	1,286
714			Japanese Language Education	163	148	4	4	0	3	10	17	86	249
			Science Education·Curriculum Education total	1,472	1,429	19	8	1	40	19	35	779	2,251
721			Statistics	144	144	1	0	0	3	1	0	27	171
731			Computer Science	871	869	3	0	2	1	4	5	179	1,050
732			Intelligent Informatics	705	705	3	0	0	3	7	10	86	791
733			Study of Information System (Inclu. Library and Information Science)	492	489	8	3	0	9	8	7	206	698
			Information Science total	2,068	2,063	14	3	2	13	19	22	471	2,539
741	I		Social System Engineering	377	377	3	0	1	5	3	2	44	421
751			Natural Disaster Science	54	54	0	0	0	2	1	0	3	57
761			Plasma Science and Technology	206	206	0	0	0	1	0	0	13	219
772			Nuclear Fusion	85	85	1	0	0	1	0	0	4	89

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	102	101	0	0	0	1	2	1	9	111
774			Nuclear Power Science	164	163	1	0	1	0	1	2	13	177
			Energy total	351	349	2	0	1	2	3	3	26	377
801			Environmental Dynamic Analysis	171	171	1	0	0	0	1	0	25	196
802			Environmental Influence Assessment (inclu. Radiobiology)	180	180	1	0	0	1	0	0	27	207
803			Environmental Preservation	303	300	2	0	0	5	4	5	41	344
			Environmental Science total	654	651	4	0	0	6	5	5	93	747
811			Biological Organic Chemistry	199	199	0	0	0	1	1	0	20	219
812			Structured Biochemistry	182	182	0	0	0	1	0	0	15	197
813			Functional Biochemistry	261	261	1	1	0	1	1	0	33	294
			Biological Chemistry total	642	642	1	1	0	3	2	0	68	710
821			Biophysics	225	225	0	0	1	1	0	0	26	251
822			Molecular Biology	555	555	3	2	0	2	1	2	89	644
823			Cell Biology	365	365	0	0	1	1	3	1	52	417
824			Developmental Biology	205	205	0	0	0	0	0	0	40	245
			Basic Biology total	1,350	1,350	3	2	2	4	4	3	207	1,557
831			Neuroanatomy and Neuropathology	143	143	3	0	0	1	2	2	17	160
832			Neurochemistry and Neuropharmacology	161	161	1	0	0	1	0	0	18	179
833			Neuro Science in General	303	303	3	2	1	2	2	1	41	344
834			Neuro and Muscular Physiology	213	212	4	1	1	4	3	0	33	246
			Neuro Science (inclu. Brain Science) total	820	819	11	3	2	8	7	3	109	929
841			Laboratory Animal Science	78	76	1	1	0	1	1	0	29	107
851			Medical Organism Engineering and Material Science of Organism	422	421	3	0	0	2	6	1	40	462
			INTERDISCIPLINARY AREA Total	10,885	10,781	88	30	14	163	89	102	3,716	14,601
999	WIDE AREA Total			1,409	1,297	46	10	11	90	28	63	948	2,357
	Item n.a. Total			35,635	34,190	721	167	129	1,137	694	600	35,766	71,401
	Grand Total			115,174	110,533	2,530	656	444	3,978	2,303	2,342	58,997	174,171

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

Code	Subj ect	Subd ivisi on	I t e m	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
211	A R T S · H U M A N I T I E S		Philosophy	526	427	93	6	2	257	1	19	112	638
212			Chinese Philosophy	126	38	1	0	0	1	113	4	47	173
213			Indian Philosophy (inclu. Buddhist Studies)	217	208	11	0	0	18	14	11	132	349
214			Religion	289	252	26	5	0	79	1	29	67	356
215			Ethics	141	128	10	3	0	51	2	3	40	181
216			History of Philosophy	202	160	34	7	5	61	10	25	84	286
217			Aesthetics (inclu. Arts)	783	665	78	8	5	154	21	50	1,323	2,106
218			Art History	269	235	45	6	1	23	19	36	118	387
			Philosophy total	2,553	2,113	298	35	13	644	181	177	1,923	4,476
221			Experimental Psychology	535	534	6	0	0	10	0	3	79	614
222			Educational and Social	1,586	1,580	26	8	5	42	6	10	536	2,122
223			Sociology	1,491	1,448	71	11	2	81	25	54	758	2,249
224			Education	1,477	1,408	50	14	15	154	31	44	781	2,258
225			Cultural Anthropology (inclu. Ethnology and Folklore)	474	426	34	25	3	13	37	52	117	591
			Psychology·Sociology·Education Cultural Anthropology total	5,563	5,396	187	58	25	300	99	163	2,271	7,834
231			Japanese History	245	228	5	1	1	10	12	17	512	757
232			Oriental History	337	204	6	1	5	3	181	65	98	435
233			European History	500	415	64	42	29	93	1	47	83	583
234			Archaeology (inclu. Prehistory)	154	137	5	2	5	5	21	12	82	236
			History total	1,236	984	80	46	40	111	215	141	775	2,011
241			Japanese Language	160	143	3	1	0	2	21	14	286	446
242			Japanese Literature	258	226	10	1	3	7	24	20	1,032	1,290
243			Chinese Language and Literature	365	72	1	0	0	2	360	14	103	468
244			English Language and Literature	2,759	2,755	61	10	4	27	4	36	365	3,124
245			French Language and Literature	428	134	423	3	3	4	0	3	49	477
246			German Language and Literature	591	203	9	10	2	578	0	7	62	653
247			Other Foreign Languages and Literatures	388	238	10	85	90	10	7	157	40	428
248			Linguistics and Phonetics	1,121	1,066	67	29	4	51	22	82	143	1,264
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	268	221	53	1	6	37	16	30	93	361
			Literature total	6,338	5,058	637	140	112	718	454	363	2,173	8,511
			ARTS·HUMANITIES Total	15,690	13,551	1,202	279	190	1,773	949	844	7,142	22,832
261	L A W		Basic Science of Law	228	184	24	0	2	61	15	8	75	303
262			Public Law	310	261	42	0	0	98	1	1	143	453
263			International Law	190	182	21	5	2	18	6	7	37	227
264			Civil Law	517	417	61	2	0	205	16	10	229	746
265			Social Law	134	114	13	2	0	34	0	1	51	185
266			Criminal Law	152	121	13	0	1	76	7	5	59	211
267			Politics	826	772	57	16	20	66	44	61	200	1,026
			LAW Total	2,357	2,051	231	25	25	558	89	93	794	3,151
271	E C O N O M I C S		General Theory of Economics	893	878	33	3	16	60	18	17	188	1,081
272			Economical Statistics	174	174	5	2	4	4	4	2	39	213
273			Economic Policy (inclu. Economic Condition)	935	891	30	9	19	49	45	57	252	1,187
274			Economic History	321	296	27	5	8	39	15	16	111	432
275			Public Finance, Money and Banking	396	389	7	1	1	21	2	9	123	519
276			Commercial Science	347	342	10	2	3	16	9	10	126	473
277			Business Administration	915	893	21	4	1	63	19	34	355	1,270
278			Accounting	467	457	22	0	1	54	6	6	202	669
			ECONOMICS Total	4,448	4,320	155	26	53	306	118	151	1,396	5,844
301	S C I E N C E		Algebra	440	439	25	1	2	8	0	1	52	492
302			Geometry	367	366	15	1	4	4	0	1	55	422
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	549	548	16	0	0	9	3	3	81	630
305			Basic Analysis	390	390	31	0	2	8	1	1	41	431
306			Larger-area Analysis	178	178	13	0	1	0	1	0	14	192
			Mathematics total	1,924	1,921	100	2	9	29	5	6	243	2,167
311			Astronomy	209	209	2	0	0	1	0	0	23	232
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	769	769	4	2	3	9	0	2	60	829

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)	392	392	1	0	3	2	3	4	29	421
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories))	441	441	3	0	0	3	1	0	36	477
324			Physics in General	314	314	1	0	1	4	0	0	35	349
325			Physics in General	320	320	2	0	0	5	0	0	46	366
			Physics total	2,236	2,236	11	2	7	23	4	6	206	2,442
331			Physics of Solid Earth	226	226	0	0	0	0	1	0	21	247
332			Meteorology, Oceanography and Hydrology	281	281	2	0	1	2	0	1	33	314
333			Aeronomy	84	84	0	0	0	0	0	0	5	89
334			Geology	166	166	1	0	1	2	1	0	17	183
335			Stratigraphy and Paleontology	88	88	1	0	0	2	0	2	9	97
336			Mineralogy, Petrology and Study of Mineral Deposit	189	189	1	3	0	2	0	0	11	200
337			Geochemistry	136	136	2	1	1	2	2	1	17	153
			Earth Science total	1,170	1,170	7	4	3	10	4	4	113	1,283
341			Physical Chemistry	600	600	3	0	1	2	1	0	59	659
342			Organic Chemistry	484	484	2	0	0	5	1	0	64	548
343			Inorganic Chemistry	317	317	2	1	0	3	0	1	30	347
344			Function, Properties and Materials in Chemistry	259	259	0	0	1	2	1	0	33	292
345			Substance Transformation	39	38	0	0	0	0	1	1	2	41
346			Separation, Refining and Identification	204	204	0	1	0	4	2	0	25	229
			Chemistry total	1,903	1,902	7	2	2	16	6	2	213	2,116
351			Genetics	237	237	0	0	1	0	1	1	37	274
352			Ecology	435	434	3	2	0	6	1	2	48	483
353			Plant Physiology	271	271	0	0	0	0	2	1	35	306
354			Morphology, Structure of Organism	151	150	1	0	0	5	0	0	21	172
355			Animal Physiology and	173	173	2	0	0	1	0	1	18	191
356			Morphology and Taxonomy	234	234	1	0	0	4	2	2	11	245
			Biology total	1,501	1,499	7	2	1	16	6	7	170	1,671
361			Physical Anthropology (inclu. Physiological Anthropology)	97	96	1	1	0	1	1	1	14	111
			SCIENCE Total	9,040	9,033	135	13	22	96	26	26	982	10,022
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	257	257	1	0	1	4	3	2	21	278
402			Surface Physics	168	168	0	0	1	1	1	0	15	183
403			Applied Optics and Quantum Optics	273	273	2	0	1	4	1	2	29	302
404			General Applied Physics	161	161	0	0	1	2	0	0	22	183
405			Fundamentals of Engineering	108	108	1	0	0	0	0	0	17	125
			Applied Physics·Fundamentals of Engineering total	967	967	4	0	4	11	5	4	104	1,071
411			Materials for Machines and Strength of Materials	459	459	2	0	0	8	3	4	72	531
412			Workshop Processes and Production Engineering	351	351	1	0	1	7	3	1	59	410
413			Design Engineering, Machine Elements and Tribology	242	242	1	0	1	1	4	3	49	291
414			Fluid Mechanics	453	453	0	0	2	8	2	2	70	523
415			Heat Engineering	425	425	0	0	0	6	2	2	63	488
416			Mechanics and Control Engineering	328	327	1	0	2	9	3	2	61	389
417			Intelligent Mechanics and Machine System	408	408	0	0	1	4	6	5	57	465
			Machine Engineering total	2,666	2,665	5	0	7	43	23	19	431	3,097
421			Electric Power Engineering and Electric Machinery	468	468	1	2	0	2	1	2	60	528
422			Electronic and Electric Materials Engineering	474	474	1	0	1	5	9	5	47	521
423			Electron Devices and Apparatus Engineering	490	490	1	0	0	3	3	1	65	555
424			Information and Communication Engineering	1,017	1,016	2	3	1	3	8	3	171	1,188

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	236	236	2	0	0	1	2	4	37	273
427			Electronic Measurements	395	395	1	0	0	3	1	4	34	429
428			Control Engineering	360	360	2	1	0	3	6	3	35	395
			Electric and Electronic Engineering	3,440	3,439	10	6	2	20	30	22	449	3,889
431			Construction Materials and Dynamics in General Civil Engineering	175	175	1	0	0	2	2	1	35	210
432			Structural Engineering and Seismology	266	263	1	0	0	10	5	3	40	306
433			Ground Engineering	263	263	1	0	0	2	4	1	41	304
434			Hydraulics and River Engineering	274	274	0	1	1	1	2	2	40	314
435			Traffic Engineering and Regional Planning	218	216	3	4	0	2	2	2	30	248
436			Civil Environmental System	220	219	4	1	0	1	3	5	35	255
			Civil Engineering total	1,416	1,410	10	6	1	18	18	14	221	1,637
441		G	Building Structure and Materials	414	414	1	1	0	3	3	1	72	486
442			Building Science and Building Equipment	233	233	1	1	0	5	1	1	23	256
443			City Planning and Building Planning	548	542	10	2	0	12	7	15	187	735
444			Architectural History and Design	206	198	16	2	1	6	6	9	128	334
			Architecture total	1,401	1,387	28	6	1	26	17	26	410	1,811
451		N	Physical Metallurgy	173	173	0	0	1	1	1	0	19	192
452			Inorganic Materials and	295	295	0	0	0	0	0	0	51	346
453			Composed Materials and Properties	103	102	0	0	0	0	1	2	15	118
454			Structural and Functional Materials	219	219	1	0	0	4	2	2	27	246
455		R	Metallurgy and Material	257	257	1	0	0	5	2	2	36	293
456			Metal Productive Engineering	105	105	1	2	0	0	1	0	22	127
			Material Engineering total	1,152	1,151	3	2	1	10	7	6	170	1,322
461		G	Chemical Engineering in General	203	203	1	0	0	0	2	0	30	233
462			Reaction and Separation Engineering	130	130	1	0	0	0	1	0	14	144
463			Catalyst and Chemical Process	120	120	0	0	0	1	1	1	10	130
464			Bioengineering	214	214	1	0	1	1	0	1	36	250
465			Industrial Analytical Chemistry	99	99	0	0	0	3	2	0	14	113
			Process Engineering total	766	766	3	0	1	5	6	2	104	870
471			Industrial Physical Chemistry	204	204	0	0	1	2	0	0	18	222
472			Industrial Inorganic Chemistry	92	92	0	0	0	0	0	0	10	102
473			Industrial Organic Chemistry	89	89	0	0	0	1	0	0	14	103
474			Synthetic Chemistry	245	244	1	0	0	3	1	1	30	275
475			Polymer Synthesis	196	195	0	0	0	4	1	0	31	227
476			Polymer Structure and Property (inclu. Fiber)	231	231	3	1	0	2	1	1	30	261
			Industrial Chemistry total	1,057	1,055	4	1	1	12	3	2	133	1,190
481			Aeronautics	144	144	1	0	0	1	0	0	12	156
482			Ship Engineering	86	86	0	0	0	1	0	2	23	109
483			Marine Engineering	42	42	0	0	0	0	0	0	9	51
484			Resource Development Engineering	92	92	0	1	0	0	2	1	7	99
			Synthetic Engineering total	364	364	1	1	0	2	2	3	51	415
			ENGINEERING Total	13,229	13,204	68	22	18	147	111	98	2,073	15,302
501	A G R I C U L T U R E		Plant Breeding	118	118	0	0	0	0	1	0	23	141
502			Crop Science	96	96	0	0	0	1	2	3	14	110
503			Horticulture and Landscape Architecture	270	268	3	1	0	5	3	4	65	335
504			Plant Protection	181	181	1	0	0	0	1	0	24	205
505			Sericultural Science and Economic Entomology	54	54	0	0	0	0	1	0	19	73
			Agriculture total	719	717	4	1	0	6	8	7	145	864
511			Plant Fertilizer and Manure and Soil Science	141	141	0	0	0	2	0	0	21	162
512			Applied Microbiochemistry and Applied Biochemistry	449	449	1	0	1	1	1	1	85	534
513			Biological Productive Chemistry and Bioorganic Chemistry	138	138	0	0	0	1	0	0	16	154
514			Food Science and Nutritional Chemistry	513	512	2	2	0	7	3	4	160	673

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	1,241	1,240	3	2	1	11	4	5	282	1,523
521			Forestry	262	261	3	0	2	14	1	3	44	306
522	G		Wood Science	161	161	1	0	0	3	2	1	25	186
			Forestry total	423	422	4	0	2	17	3	4	69	492
531	R		Fisheries in General	281	281	1	3	0	0	0	1	50	331
532			Fisheries Chemistry	99	99	0	0	0	0	1	0	18	117
			Fisheries total	380	380	1	3	0	0	1	1	68	448
541	I		Agricultural Economics	231	226	0	2	0	7	9	9	93	324
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	150	150	0	0	0	1	1	2	28	178
552	U		Agricultural Machinery	100	100	0	0	0	4	1	0	20	120
553	L		Biological Environment	60	60	0	0	0	2	0	3	12	72
			Agricultural Engineering total	310	310	0	0	0	7	2	5	60	370
561	T		Animal Science and Grassland Science	135	133	0	1	0	0	3	1	23	158
562	U		Applied Animal Science	135	135	0	1	0	2	0	1	23	158
563	R		Basic Veterinary Medicine and Basic Animal Science	216	215	4	1	0	3	2	2	35	251
564			Applied Veterinary Medicine	218	217	0	1	0	2	1	5	37	255
	E		Animal Science·Veterinary Medicine total	704	700	4	4	0	7	6	9	118	822
571			Biological Resource Science	68	68	0	1	0	0	1	1	9	77
572			Applied Molecular Cell Biology	65	65	0	0	0	0	1	0	13	78
			Interdisciplinary Agricultural Science total	133	133	0	1	0	0	2	1	22	155
			AGRICULTURE Total	4,141	4,128	16	13	3	55	35	41	857	4,998
601			Anatomy in General (inclu. Histology, Embryology)	328	328	2	2	0	7	4	1	42	370
602			Physiology in General	348	348	3	0	0	4	3	1	67	415
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	233	233	1	0	0	5	1	2	38	271
604			Pharmacology in General	280	280	0	0	0	5	1	0	25	305
605			Medical Chemistry in General	268	268	1	0	0	0	0	1	40	308
606			Pathological Medical Chemistry	134	134	0	0	0	1	0	1	26	160
	M		Physiology total	1,591	1,591	7	2	0	22	9	6	238	1,829
611			Hominal Pathology	415	415	1	0	0	6	5	1	71	486
612	E		Experimental Pathology	208	208	0	2	0	1	2	1	39	247
613	D		Parasitology (inclu. Medical Zoology)	149	149	1	4	0	1	1	1	11	160
614			Bacteriology (inclu. Eumycetes)	257	257	1	0	1	1	2	2	40	297
615	I		Virology	194	194	1	0	0	2	1	1	42	236
616			Immunology	319	319	1	0	0	0	2	1	65	384
	C		Pathology total	1,542	1,542	5	6	1	11	13	7	268	1,810
621			Hygiene	223	223	0	1	1	2	2	0	42	265
622	I		Public Health and Health Science	661	661	1	3	0	7	6	5	239	900
623			Legal Medicine	184	184	0	0	1	13	2	0	22	206
	N		Social Medicine total	1,068	1,068	1	4	2	22	10	5	303	1,371
631			Internal Medicine in General	430	429	0	0	0	5	0	2	82	512
632	E		Gastroenterology	505	505	1	0	0	0	0	1	104	609
633			Internal Medicine Respiratory System	247	246	0	0	0	2	0	0	38	285
634			Neurological Medicine	322	321	3	0	0	2	2	0	45	367
635			Cardioangiology	551	550	1	0	0	2	2	0	122	673
636			Pediatrics	508	508	1	0	0	2	0	0	115	623
637			Dermatology	284	284	0	0	0	1	2	2	75	359
638			Radiology	582	582	1	1	0	2	1	2	129	711
639			Neuropsychiatry	465	462	13	0	0	21	2	1	117	582
641			Hematology	347	347	0	0	0	2	0	0	52	399
642			Internal Medicine of Kidney	227	227	0	0	0	1	1	0	36	263
643			Embryology and Newborn	39	39	0	0	0	0	0	0	6	45
644			Endocrinology	190	190	1	0	0	0	1	0	22	212
645			Metabolic Science	200	200	0	0	0	0	0	0	40	240
			Internal Medicine total	4,897	4,890	21	1	0	40	11	8	983	5,880
651			Surgery in General	455	454	2	0	0	2	1	0	81	536
652			Gastroenterological Surgery	460	460	0	0	0	2	1	0	78	538
653			Thoracic Surgery	322	322	1	0	0	3	0	0	66	388

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	373	373	2	0	0	1	1	0	69	442
655			Orthopedic Surgery	614	612	2	0	0	6	0	1	122	736
656			Anesthesiology and Rescue Medicine	425	425	1	0	0	2	1	0	103	528
657			Urology	322	322	0	0	0	2	1	0	61	383
658			Obstetrics and Gynecology	391	391	1	0	0	2	0	1	91	482
659			Oto-rhino-laryngology	317	317	0	0	0	6	0	1	94	411
660			Ophthalmology	345	345	1	0	0	2	0	1	62	407
661			Pediatric Surgery	71	71	0	0	0	1	0	0	11	82
662			Formative Surgery	88	88	0	0	0	0	0	0	31	119
			Surgery total	4,183	4,180	10	0	0	29	5	4	869	5,052
671	E		Oral Anatomy and Morphological Basic Dentistry	260	260	0	0	0	1	1	1	80	340
672	D		Functional Basic Dentistry	202	202	1	0	1	3	0	0	49	251
673	I		Morbid Dentistry (inclu. Dental Radiology)	174	174	0	0	0	1	0	1	75	249
674	C		Conservative Dentistry	306	306	0	0	0	4	3	0	147	453
675			Prosthodontics and Dental Technology	456	456	0	1	0	5	3	2	213	669
676	I		Oral Surgery	567	566	1	0	0	12	1	1	202	769
677	N		Orthodontics, Pedodontics and Social Dentistry	484	484	0	1	0	2	0	2	244	728
678			Periodontological Dentistry	129	129	0	0	0	0	1	0	66	195
	E		Dentistry total	2,578	2,577	2	2	1	28	9	7	1,076	3,654
681			Chemical Pharmaceutics	459	459	2	0	0	8	1	0	64	523
682			Physical Pharmaceutics	205	205	0	0	0	2	1	1	28	233
683			Biopharmaceutics	530	530	1	0	0	2	4	1	67	597
684			Molecular Pharmaceutics	134	134	0	0	0	0	0	0	25	159
685			Environmental Pharmaceutics	67	67	0	0	0	0	1	0	12	79
			Pharmaceutics total	1,395	1,395	3	0	0	12	7	2	196	1,591
691			Medical Sociology	165	163	3	2	0	6	1	1	31	196
692			Human Genetics	83	83	0	0	0	0	0	0	7	90
693			Applied Pharmacology and Medical Pharmacology	178	178	0	0	0	1	1	0	20	198
694			Pathological Examination	175	175	0	0	0	3	1	0	39	214
696			Science of Basic and Local Nursing	339	338	1	2	0	1	0	3	421	760
697			Science of Clinical Nursing	428	426	2	0	0	2	2	1	590	1,018
			Medicine in General total	1,368	1,363	6	4	0	13	5	5	1,108	2,476
			MEDICINE Total	18,622	18,606	55	19	4	177	69	44	5,041	23,663
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	121	120	5	1	2	5	2	3	18	139
703			Physical Education	1,053	1,028	2	3	1	58	5	7	920	1,973
704			Human Geography	246	242	13	1	1	11	6	10	75	321
705			Physical Geography	124	124	3	1	0	7	0	1	21	145
			Geography total	370	366	16	2	1	18	6	11	96	466
706			Home Science (inclu. Cloth/Living Environments)	392	391	6	0	0	9	3	0	428	820
707			Food Culture	292	291	1	0	0	1	0	2	321	613
			Domestic Science total	684	682	7	0	0	10	3	2	749	1,433
708			Science of Cultural Property	32	32	2	0	0	1	0	1	11	43
711			Science Education	221	220	3	0	0	6	2	2	60	281
712	A R E A		Educational Engineering	342	337	2	0	0	9	3	2	93	435
713			Curriculum Studies	769	751	8	1	1	28	4	8	517	1,286
714			Japanese Language Education	163	151	4	5	0	4	9	12	86	249
			Science Education·Curriculum Education total	1,495	1,459	17	6	1	47	18	24	756	2,251
721			Statistics	148	148	1	0	0	4	1	0	23	171
731			Computer Science	874	873	5	0	3	8	3	5	176	1,050
732			Intelligent Informatics	706	706	2	2	0	3	7	6	85	791
733			Study of Information System (Inclu. Library and Information Science)	495	494	10	1	0	8	7	4	203	698
			Information Science total	2,075	2,073	17	3	3	19	17	15	464	2,539
741			Social System Engineering	373	373	1	0	0	8	3	1	48	421
751	I		Natural Disaster Science	54	54	0	0	0	3	1	0	3	57
761			Plasma Science and Technology	206	206	0	0	0	4	0	0	13	219
772			Nuclear Fusion	85	85	2	0	0	0	0	0	4	89

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 Research Division		Energy Science General	101	101	0	0	0	2	1	1	10	111
774			Nuclear Power Science	163	163	0	0	0	1	0	1	14	177
			Energy total	349	349	2	0	0	3	1	2	28	377
801			Environmental Dynamic Analysis	172	172	1	0	0	1	1	0	24	196
802			Environmental Influence Assessment (inclu. Radiobiology)	184	184	1	0	0	5	0	0	23	207
803			Environmental Preservation	303	302	3	0	0	5	5	2	41	344
			Environmental Science total	659	658	5	0	0	11	6	2	88	747
811			Biological Organic Chemistry	205	205	0	0	1	4	0	0	14	219
812			Structured Biochemistry	181	181	0	0	0	1	0	0	16	197
813			Functional Biochemistry	264	264	1	1	0	1	1	0	30	294
	Interdisciplinary Area		Biological Chemistry total	650	650	1	1	1	6	1	0	60	710
821			Biophysics	227	227	0	0	0	0	0	0	24	251
822			Molecular Biology	558	558	1	1	0	2	1	1	86	644
823			Cell Biology	366	366	0	0	1	2	3	1	51	417
824			Developmental Biology	207	207	1	0	0	0	0	0	38	245
			Basic Biology total	1,358	1,358	2	1	1	4	4	2	199	1,557
831			Neuroanatomy and Neuropathology	142	142	0	0	0	2	0	0	18	160
832			Neurochemistry and Neuropharmacology	163	163	0	0	0	1	0	0	16	179
833			Neuro Science in General	301	301	3	1	1	3	3	1	43	344
834			Neuro and Muscular Physiology	213	212	3	1	1	3	3	0	33	246
			Neuro Science (inclu. Brain Science) total	819	818	6	2	2	9	6	1	110	929
841			Laboratory Animal Science	87	86	1	1	0	1	1	0	20	107
851			Medical Organism Engineering and Material Science of Organism	423	423	4	0	0	3	5	2	39	462
	INTERDISCIPLINARY AREA Total			10,956	10,883	89	20	12	214	80	73	3,645	14,601
999	WIDE AREA Total			1,344	1,253	41	10	14	77	30	46	1,013	2,357
	Item n.a. Total			35,568	34,244	770	157	128	1,297	644	489	35,833	71,401
	Grand Total			115,395	111,273	2,762	584	469	4,700	2,151	1,905	58,776	174,171

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	38	47	59	149	128	99	54	35	29	638
212			Chinese Philosophy	7	14	24	33	33	31	13	10	8	173
213			Indian Philosophy (inclu. Buddhist Studies)	31	30	39	48	47	53	41	21	39	349
214			Religion	26	45	57	72	72	45	17	8	14	356
215			Ethics	13	14	21	36	29	30	13	9	16	181
216			History of Philosophy	24	25	47	66	53	30	20	10	11	286
217			Aesthetics (inclu. Arts)	522	525	417	308	169	83	47	16	19	2,106
218			Art History	36	65	88	90	51	37	13	5	2	387
			Philosophy total	697	765	752	802	582	408	218	114	138	4,476
221			Experimental Psychology	28	22	60	104	123	116	57	45	59	614
222			Educational and Social	133	141	200	393	393	406	194	104	158	2,122
223			Sociology	192	241	347	493	399	292	160	60	65	2,249
224			Education	167	221	317	462	406	288	180	109	108	2,258
225			Cultural Anthropology (inclu. Ethnology and Folklore)	55	66	105	119	111	76	30	8	21	591
			Psychology·Sociology·Education Cultural Anthropology total	575	691	1,029	1,571	1,432	1,178	621	326	411	7,834
231			Japanese History	64	62	87	151	94	119	63	41	76	757
232			Oriental History	45	23	60	85	81	66	35	17	23	435
233			European History	45	73	113	137	106	58	26	17	8	583
234			Archaeology (inclu. Prehistory)	14	30	41	48	39	27	15	6	16	236
			History total	168	188	301	421	320	270	139	81	123	2,011
241			Japanese Language	32	41	66	118	74	53	27	16	19	446
242			Japanese Literature	90	107	197	270	220	178	107	59	62	1,290
243			Chinese Language and Literature	43	52	91	85	88	65	25	9	10	468
244			English Language and Literature	205	379	642	733	523	327	169	68	78	3,124
245			French Language and Literature	36	129	150	93	46	17	5	0	1	477
246			German Language and Literature	36	157	182	137	72	37	17	7	8	653
247			Other Foreign Languages and Literatures	24	108	123	82	51	20	12	3	5	428
248			Linguistics and Phonetics	102	188	254	255	205	138	64	30	28	1,264
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	54	66	67	64	47	33	13	6	11	361
			Literature total	622	1,227	1,772	1,837	1,326	868	439	198	222	8,511
			ARTS·HUMANITIES Total	2,062	2,871	3,854	4,631	3,660	2,724	1,417	719	894	22,832
261	L A W		Basic Science of Law	17	43	78	56	54	29	13	8	5	303
262			Public Law	38	49	89	96	74	61	28	15	3	453
263			International Law	18	24	39	43	44	32	17	6	4	227
264			Civil Law	74	124	134	165	99	70	41	17	22	746
265			Social Law	13	23	49	43	28	16	5	2	6	185
266			Criminal Law	16	57	40	48	23	17	6	4	0	211
267			Politics	112	149	176	246	161	105	45	23	9	1,026
		LAW Total	288	469	605	697	483	330	155	75	49	3,151	
271	E C O N O M I C S		General Theory of Economics	108	191	276	227	142	77	38	9	13	1,081
272			Economical Statistics	18	31	57	41	32	16	9	4	5	213
273			Economic Policy (inclu. Economic Condition)	95	147	238	245	216	126	60	32	28	1,187
274			Economic History	25	31	92	109	79	42	33	12	9	432
275			Public Finance, Money and Banking	38	61	100	122	100	51	25	14	8	519
276			Commercial Science	25	58	84	98	89	67	33	8	11	473
277			Business Administration	103	114	176	270	219	191	99	43	55	1,270
278			Accounting	55	51	117	169	114	74	54	22	13	669
		ECONOMICS Total	467	684	1,140	1,281	991	644	351	144	142	5,844	
301	S C I E N C E		Algebra	75	324	58	22	4	5	4	0	0	492
302			Geometry	62	274	51	29	2	3	0	0	1	422
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	85	199	137	108	54	24	8	8	7	630
305			Basic Analysis	43	293	68	19	5	3	0	0	0	431
306			Larger-area Analysis	28	112	38	9	5	0	0	0	0	192
			Mathematics total	293	1,202	352	187	70	35	12	8	8	2,167
311			Astronomy	19	103	65	26	10	6	2	1	0	232
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	87	464	173	64	29	6	4	2	0	829

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)	50	80	114	90	47	23	10	1	6	421
323			Solid-State Physics II (Magnetism, Metal Physics,	33	199	119	77	29	15	5	0	0	477
324			Physical Properties in General (inclu. Basic Theories)	32	135	87	46	29	13	3	2	2	349
325			Physics in General	43	80	105	68	39	20	7	3	1	366
		Physics total	245	958	598	345	173	77	29	8	9	2,442	
331			Physics of Solid Earth	13	64	66	56	28	13	5	1	1	247
332			Meteorology, Oceanography and Hydrology	23	67	54	68	45	24	21	6	6	314
333			Aeronomy	16	32	25	9	5	1	1	0	0	89
334			Geology	12	13	34	44	28	23	15	7	7	183
335			Stratigraphy and Paleontology	10	5	25	18	11	15	4	4	5	97
336			Mineralogy, Petrology and Study of Mineral Deposit	11	19	38	57	27	27	9	5	7	200
337			Geochemistry	8	25	22	32	22	20	9	7	8	153
		Earth Science total	93	225	264	284	166	123	64	30	34	1,283	
341			Physical Chemistry	94	94	148	139	93	49	20	17	5	659
342			Organic Chemistry	58	92	172	113	69	31	5	4	4	548
343			Inorganic Chemistry	32	64	98	56	48	28	11	3	7	347
344			Function, Properties and Materials in Chemistry	23	36	64	73	43	23	11	8	11	292
345			Substance Transformation	3	3	9	15	6	1	2	1	1	41
346			Separation, Refining and Identification	28	9	43	53	44	31	12	7	2	229
		Chemistry total	238	298	534	449	303	163	61	40	30	2,116	
351			Genetics	42	39	57	45	42	31	6	7	5	274
352			Ecology	41	47	79	108	91	61	22	20	14	483
353			Plant Physiology	37	39	59	59	54	25	21	8	4	306
354			Morphology, Structure of Organism	18	23	28	41	26	10	12	8	6	172
355			Animal Physiology and	19	28	31	41	39	17	7	5	4	191
356			Morphology and Taxonomy	8	17	44	51	57	35	17	4	12	245
		Biology total	165	193	298	345	309	179	85	52	45	1,671	
361			Physical Anthropology (inclu. Physiological Anthropology)	9	7	17	30	14	14	10	4	6	111
		SCIENCE Total	1,062	2,986	2,128	1,666	1,045	597	263	143	132	10,022	
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	27	40	65	57	49	19	11	6	4	278
402			Surface Physics	23	20	40	39	25	21	6	3	6	183
403			Applied Optics and Quantum Optics	34	39	66	72	45	18	8	12	8	302
404			General Applied Physics	11	27	49	32	27	19	7	3	8	183
405			Fundamentals of Engineering	19	13	25	27	19	10	8	2	2	125
		Applied Physics·Fundamentals of Engineering total	114	139	245	227	165	87	40	26	28	1,071	
411			Materials for Machines and Strength of Materials	38	40	118	116	85	61	36	21	16	531
412			Workshop Processes and Production Engineering	33	29	78	105	66	55	24	8	12	410
413			Design Engineering, Machine Elements and Tribology	31	20	52	71	52	29	18	8	10	291
414			Fluid Mechanics	59	53	101	100	93	51	29	17	20	523
415			Heat Engineering	36	37	83	96	89	67	35	16	29	488
416			Mechanics and Control Engineering	31	47	88	96	62	31	18	2	14	389
417			Intelligent Mechanics and Machine System	58	53	72	98	88	47	21	9	19	465
		Machine Engineering total	286	279	592	682	535	341	181	81	120	3,097	
421			Electric Power Engineering and Electric Machinery	34	116	150	111	51	38	12	10	6	528
422			Electronic and Electric Materials Engineering	46	87	125	119	74	31	21	9	9	521
423			Electron Devices and Apparatus Engineering	64	119	163	108	58	16	6	8	13	555
424		Information and Communication Engineering	147	321	289	212	112	55	30	9	13	1,188	

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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	43	43	52	46	35	23	15	7	9	273
427			Electronic Measurements	32	45	77	110	78	36	16	13	22	429
428			Control Engineering	27	58	77	99	63	42	14	11	4	395
			Electric and Electronic Engineering	393	789	933	805	471	241	114	67	76	3,889
431			Construction Materials and Dynamics in General Civil Engineering	18	21	51	56	30	14	9	8	3	210
432			Structural Engineering and Seismology	26	54	75	82	36	20	9	3	1	306
433			Ground Engineering	24	27	79	82	44	29	14	4	1	304
434			Hydraulics and River Engineering	32	62	70	69	41	17	11	5	7	314
435			Traffic Engineering and Regional Planning	14	25	43	62	36	37	14	7	10	248
436			Civil Environmental System	33	32	46	51	29	25	13	10	16	255
			Civil Engineering total	147	221	364	402	216	142	70	37	38	1,637
441		N	Building Structure and Materials	26	101	143	99	60	27	16	4	10	486
442			Building Science and Building Equipment	18	15	53	60	43	36	13	8	10	256
443			City Planning and Building Planning	45	144	160	155	83	75	31	23	19	735
444			Architectural History and Design	42	84	80	61	31	19	11	4	2	334
			Architecture total	131	344	436	375	217	157	71	39	41	1,811
451		N	Physical Metallurgy	13	23	42	37	37	22	9	5	4	192
452			Inorganic Materials and	39	33	60	81	53	27	22	18	13	346
453			Composed Materials and Properties	15	18	9	21	24	9	11	4	7	118
454			Structural and Functional Materials	26	26	39	52	29	33	16	9	16	246
455	R	Metallurgy and Material	22	21	40	53	59	39	28	14	17	293	
456		Metal Productive Engineering	9	12	12	33	21	17	13	2	8	127	
		Material Engineering total	124	133	202	277	223	147	99	52	65	1,322	
461	N	Chemical Engineering in General	24	28	35	47	33	22	20	9	15	233	
462		Reaction and Separation Engineering	7	30	20	24	23	10	12	8	10	144	
463		Catalyst and Chemical Process	9	8	20	27	22	21	8	5	10	130	
464		Bioengineering	31	25	27	36	50	24	26	11	20	250	
465		Industrial Analytical Chemistry	8	7	18	30	17	16	7	3	7	113	
		Process Engineering total	79	98	120	164	145	93	73	36	62	870	
471		Industrial Physical Chemistry	10	21	39	46	42	22	19	9	14	222	
472		Industrial Inorganic Chemistry	5	12	12	15	18	20	10	7	3	102	
473		Industrial Organic Chemistry	6	5	26	18	20	14	2	3	9	103	
474		Synthetic Chemistry	24	54	61	60	42	18	11	2	3	275	
475		Polymer Synthesis	22	32	49	46	31	25	12	7	3	227	
476		Polymer Structure and Property (inclu. Fiber)	22	21	54	51	47	31	21	7	7	261	
		Industrial Chemistry total	89	145	241	236	200	130	75	35	39	1,190	
481		Aeronautics	14	22	41	30	19	11	8	6	5	156	
482		Ship Engineering	12	18	18	13	19	15	9	1	4	109	
483		Marine Engineering	8	6	12	5	8	10	1	0	1	51	
484		Resource Development Engineering	5	10	13	24	19	8	8	6	6	99	
		Synthetic Engineering total	39	56	84	72	65	44	26	13	16	415	
	ENGINEERING Total			1,402	2,204	3,217	3,240	2,237	1,382	749	386	485	15,302
501	A G R I C U L T U R E		Plant Breeding	16	23	38	24	19	13	2	4	2	141
502			Crop Science	6	15	21	23	14	18	4	5	4	110
503			Horticulture and Landscape Architecture	28	49	61	73	56	29	14	12	13	335
504			Plant Protection	21	38	28	44	37	14	15	2	6	205
505			Sericultural Science and Economic Entomology	11	10	17	11	8	7	2	1	6	73
			Agriculture total	82	135	165	175	134	81	37	24	31	864
511			Plant Fertilizer and Manure and Soil Science	15	17	23	34	30	20	9	6	8	162
512			Applied Microbiochemistry and Applied Biochemistry	58	49	87	98	88	73	41	19	21	534
513			Biological Productive Chemistry and Bioorganic Chemistry	14	11	25	35	32	19	9	2	7	154
514			Food Science and Nutritional Chemistry	45	45	88	131	119	103	57	40	45	673

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	132	122	223	298	269	215	116	67	81	1,523
521		G	Forestry	14	22	52	70	61	41	23	13	10	306
522			Wood Science	7	29	45	38	31	14	13	5	4	186
			Forestry total	21	51	97	108	92	55	36	18	14	492
531	R		Fisheries in General	28	37	52	68	55	40	28	16	7	331
532			Fisheries Chemistry	9	16	19	26	20	12	6	5	4	117
			Fisheries total	37	53	71	94	75	52	34	21	11	448
541	I		Agricultural Economics	27	24	28	56	57	57	33	14	28	324
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	19	22	40	31	19	13	9	13	178
552		U	Agricultural Machinery	7	7	21	33	16	15	10	5	6	120
553			Biological Environment	6	7	8	12	16	7	10	1	5	72
			Agricultural Engineering total	25	33	51	85	63	41	33	15	24	370
561	T		Animal Science and Grassland Science	11	13	28	27	28	23	12	9	7	158
562		U	Applied Animal Science	12	12	27	22	34	21	7	10	13	158
563			Basic Veterinary Medicine and Basic Animal Science	38	18	22	41	43	41	23	12	13	251
564	R		Applied Veterinary Medicine	45	23	32	29	47	32	17	7	23	255
		E	Animal Science·Veterinary Medicine total	106	66	109	119	152	117	59	38	56	822
571			Biological Resource Science	4	5	13	14	12	11	4	8	6	77
572			Applied Molecular Cell Biology	8	12	11	19	12	7	4	2	3	78
			Interdisciplinary Agricultural Science total	12	17	24	33	24	18	8	10	9	155
			AGRICULTURE Total	442	501	768	968	866	636	356	207	254	4,998
601			Anatomy in General (inclu. Histology, Embryology)	40	34	63	67	68	42	25	16	15	370
602			Physiology in General	35	28	72	87	69	56	25	19	24	415
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	7	14	26	55	40	41	29	22	37	271
604			Pharmacology in General	23	33	38	57	50	44	20	10	30	305
605			Medical Chemistry in General	36	29	57	64	53	39	10	11	9	308
606			Pathological Medical Chemistry	24	10	27	23	26	24	11	6	9	160
	M		Physiology total	165	148	283	353	306	246	120	84	124	1,829
611			Hominal Pathology	38	30	65	102	83	80	26	25	37	486
612		E	Experimental Pathology	25	16	34	61	45	36	9	10	11	247
613		D	Parasitology (inclu.Medical Zoology)	7	8	21	40	31	27	10	8	8	160
614			Bacteriology (inclu. Eumycetes)	19	34	42	58	48	40	21	18	17	297
615	I		Virology	27	29	47	43	36	29	14	5	6	236
616			Immunology	38	44	64	77	62	47	25	11	16	384
	C		Pathology total	154	161	273	381	305	259	105	77	95	1,810
621			Hygiene	14	14	24	41	35	36	35	23	43	265
622		I	Public Health and Health Science	80	47	79	167	130	150	85	67	95	900
623			Legal Medicine	9	14	26	45	37	31	18	7	19	206
	N		Social Medicine total	103	75	129	253	202	217	138	97	157	1,371
631			Internal Medicine in General	48	22	30	74	84	96	57	39	62	512
632		E	Gastroenterology	69	12	15	101	120	115	61	41	75	609
633			Internal Medicine Respiratory System	21	11	13	44	59	54	31	19	33	285
634			Neurological Medicine	36	17	34	67	67	61	27	20	38	367
635			Cardioangiology	74	24	58	101	118	123	69	28	78	673
636			Pediatrics	51	28	42	114	114	94	68	33	79	623
637			Dermatology	52	53	47	67	44	39	17	18	22	359
638			Radiology	67	63	131	124	103	84	54	29	56	711
639			Neuropsychiatry	72	47	61	93	87	87	51	30	54	582
641			Hematology	28	9	23	73	74	81	51	28	32	399
642			Internal Medicine of Kidney	18	11	28	77	43	37	19	13	17	263
643			Embryology and Newborn	1	0	1	7	14	13	3	5	1	45
644			Endocrinology	21	5	17	44	34	31	18	17	25	212
645			Metabolic Science	29	7	18	38	42	45	18	11	32	240
			Internal Medicine total	587	309	518	1,024	1,003	960	544	331	604	5,880
651			Surgery in General	62	21	28	79	53	109	44	32	108	536
652			Gastroenterological Surgery	45	19	28	63	58	134	46	27	118	538
653			Thoracic Surgerv	36	13	5	52	40	98	44	29	71	388

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	45	70	55	76	64	46	27	11	48	442
655			Orthopedic Surgery	70	58	85	138	116	115	54	34	66	736
656			Anesthesiology and Rescue Medicine	42	29	50	125	99	64	36	21	62	528
657			Urology	45	39	37	82	64	37	22	23	34	383
658			Obstetrics and Gynecology	48	33	45	72	74	80	45	25	60	482
659			Oto-rhino-laryngology	42	34	38	72	56	76	26	12	55	411
660			Ophthalmology	45	60	97	87	54	26	13	7	18	407
661			Pediatric Surgery	5	0	6	13	13	14	8	9	14	82
662			Formative Surgery	11	11	8	22	24	20	0	11	12	119
				Surgery total	496	387	482	881	715	819	365	241	666
671	E		Oral Anatomy and Morphological Basic Dentistry	47	20	35	51	64	47	24	19	33	340
672	D		Functional Basic Dentistry	31	13	34	41	48	31	24	14	15	251
673	I		Morbid Dentistry (inclu. Dental Radiology)	20	21	20	52	43	28	23	17	25	249
674	C		Conservative Dentistry	48	70	72	83	65	45	24	20	26	453
675			Prosthodontics and Dental Technology	84	83	97	108	93	79	37	26	62	669
676	I		Oral Surgery	74	65	84	93	107	106	68	47	125	769
677	N		Orthodontics, Pedodontics and Social Dentistry	99	79	103	119	96	89	44	28	71	728
678	E		Periodontological Dentistry	37	22	48	36	26	11	5	6	4	195
			Dentistry total	440	373	493	583	542	436	249	177	361	3,654
681				Chemical Pharmaceutics	35	99	131	119	68	43	14	8	6
682		Physical Pharmaceutics		18	20	38	54	35	27	17	13	11	233
683		Biopharmaceutics		46	39	81	117	106	85	53	30	40	597
684		Molecular Pharmaceutics		24	12	24	28	24	20	13	5	9	159
685		Environmental Pharmaceutics		9	7	11	10	17	7	6	5	7	79
		Pharmaceutics total	132	177	285	328	250	182	103	61	73	1,591	
691			Medical Sociology	8	12	19	36	35	42	21	7	16	196
692			Human Genetics	7	7	8	16	14	19	6	6	7	90
693			Applied Pharmacology and Medical Pharmacology	7	13	19	40	39	27	22	16	15	198
694			Pathological Examination	10	8	20	46	35	36	25	11	23	214
696			Science of Basic and Local Nursing	95	55	65	133	117	136	85	35	39	760
697			Science of Clinical Nursing	134	83	89	171	163	169	92	52	65	1,018
			Medicine in General total	261	178	220	442	403	429	251	127	165	2,476
		MEDICINE Total	2,338	1,808	2,683	4,245	3,726	3,548	1,875	1,195	2,245	23,663	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	9	12	28	30	23	20	10	4	3	139
703			Physical Education	115	205	386	442	344	236	126	60	59	1,973
704			Human Geography	7	13	19	47	54	62	39	32	48	321
705			Physical Geography	7	7	10	18	21	24	16	20	22	145
			Geography total	14	20	29	65	75	86	55	52	70	466
706			Home Science(inclu. Cloth/Living Environments)	66	63	107	155	156	130	72	37	34	820
707			Food Culture	53	53	75	120	103	85	55	25	44	613
			Domestic Science total	119	116	182	275	259	215	127	62	78	1,433
708			Science of Cultural Property	6	7	5	8	7	5	3	2	0	43
711					Science Education	21	20	42	52	56	35	20	15
712	Educational Engineering	38			47	81	90	70	44	34	12	19	435
713	Curriculum Studies	111			152	204	242	213	188	94	39	43	1,286
714	Japanese Language Education	21			36	59	45	42	32	8	3	3	249
	Science Education·Curriculum Education total	191			255	386	429	381	299	156	69	85	2,251
721		Statistics	11	16	33	31	27	19	13	12	9	171	
731			Computer Science	134	189	297	213	139	46	18	8	6	1,050
732			Intelligent Informatics	91	88	178	172	116	72	32	21	21	791
733			Study of Information System (Inclu. Library and Information Science)	73	102	135	125	117	67	32	23	24	698
			Information Science total	298	379	610	510	372	185	82	52	51	2,539
741			Social System Engineering	43	44	57	93	60	55	22	15	32	421
751			Natural Disaster Science	2	3	7	6	8	7	12	2	10	57
761			Plasma Science and Technology	10	17	72	47	37	20	11	4	1	219
772			Nuclear Fusion	1	9	30	25	15	4	4	0	1	89

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	7	11	19	24	17	15	3	6	9	111
774			Nuclear Power Science	6	32	29	44	25	24	5	4	8	177
			Energy total	14	52	78	93	57	43	12	10	18	377
801			Environmental Dynamic Analysis	8	16	27	44	37	28	19	8	9	196
802			Environmental Influence Assessment (inclu. Radiobiology)	13	15	24	39	49	32	12	11	12	207
803			Environmental Preservation	40	28	42	58	63	43	27	15	28	344
			Environmental Science total	61	59	93	141	149	103	58	34	49	747
811			Biological Organic Chemistry	12	28	37	55	37	28	11	5	6	219
812			Structured Biochemistry	12	28	35	33	41	19	15	8	6	197
813			Functional Biochemistry	20	28	56	78	48	34	10	12	8	294
			Biological Chemistry total	44	84	128	166	126	81	36	25	20	710
821			Biophysics	19	38	47	65	35	21	10	10	6	251
822			Molecular Biology	76	105	126	127	102	63	24	7	14	644
823			Cell Biology	48	51	74	98	59	47	23	4	13	417
824			Developmental Biology	31	35	66	63	21	13	10	3	3	245
			Basic Biology total	174	229	313	353	217	144	67	24	36	1,557
831		Neuroanatomy and Neuropathology	16	13	35	31	18	22	12	6	7	160	
832		Neurochemistry and Neuropharmacology	18	17	21	36	37	16	15	5	14	179	
833		Neuro Science in General	58	25	65	53	63	34	20	8	18	344	
834		Neuro and Muscular Physiology	23	10	56	61	31	34	12	12	7	246	
		Neuro Science (inclu. Brain Science) total	115	65	177	181	149	106	59	31	46	929	
841		Laboratory Animal Science	10	5	15	18	21	14	5	4	15	107	
851		Medical Organism Engineering and Material Science of Organism	51	33	46	87	83	58	34	28	42	462	
		INTERDISCIPLINARY AREA Total	1,287	1,601	2,645	2,975	2,395	1,696	888	490	624	14,601	
999		WIDE AREA Total	413	399	456	436	241	204	95	45	68	2,357	
		Item n.a. Total	30,520	9,341	8,425	8,769	5,879	4,300	2,001	967	1,199	71,401	
		Grand Total	40,281	22,864	25,921	28,908	21,523	16,061	8,150	4,371	6,092	174,171	

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	527	77	21	8	3	2	0	0	0	638
212			Chinese Philosophy	154	15	1	1	1	1	0	0	0	173
213			Indian Philosophy (inclu. Buddhist Studies)	300	30	15	1	3	0	0	0	0	349
214			Religion	270	55	21	9	0	1	0	0	0	356
215			Ethics	160	11	5	2	1	1	0	1	0	181
216			History of Philosophy	235	40	7	3	0	0	0	0	1	286
217			Aesthetics (inclu. Arts)	1,916	132	37	14	2	3	1	0	1	2,106
218			Art History	339	33	10	3	1	0	1	0	0	387
			Philosophy total	3,901	393	117	41	11	8	2	1	2	4,476
221				Experimental Psychology	447	102	43	10	8	3	1	0	614
222				Educational and Social	1,742	247	82	38	9	2	0	0	2,122
223				Sociology	1,932	220	66	22	3	4	1	0	2,249
224				Education	1,949	224	58	19	3	3	2	0	2,258
225				Cultural Anthropology (inclu. Ethnology and Folklore)	420	87	50	19	8	4	2	0	591
				Psychology·Sociology·Education Cultural Anthropology total	6,490	880	299	108	31	16	6	1	7,834
231				Japanese History	724	23	7	3	0	0	0	0	757
232				Oriental History	371	50	9	3	0	1	1	0	435
233				European History	434	101	26	16	3	3	0	0	583
234				Archaeology (inclu. Prehistory)	190	35	8	3	0	0	0	0	236
				History total	1,719	209	50	25	3	4	1	0	2,011
241				Japanese Language	423	17	4	1	1	0	0	0	446
242				Japanese Literature	1,233	42	9	4	2	0	0	0	1,290
243				Chinese Language and Literature	377	66	15	5	4	1	0	0	468
244				English Language and Literature	2,322	532	183	60	12	10	4	1	3,124
245				French Language and Literature	359	82	23	11	2	0	0	0	477
246				German Language and Literature	516	99	24	10	3	0	1	0	653
247				Other Foreign Languages and Literatures	307	80	25	11	3	1	1	0	428
248				Linguistics and Phonetics	830	262	112	38	16	3	2	0	1,264
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	246	80	27	4	2	2	0	0	361
				Literature total	6,613	1,260	422	144	45	17	8	1	8,511
				ARTS·HUMANITIES Total	18,723	2,742	888	318	90	45	17	3	6
261	L A W		Basic Science of Law	234	57	8	3	0	0	1	0	0	303
262			Public Law	419	31	3	0	0	0	0	0	0	453
263			International Law	148	52	20	5	0	1	1	0	0	227
264			Civil Law	694	36	11	2	1	2	0	0	0	746
265			Social Law	160	20	3	2	0	0	0	0	0	185
266			Criminal Law	187	14	7	2	0	0	1	0	0	211
267			Politics	790	149	64	14	6	3	0	0	0	1,026
			LAW Total	2,632	359	116	28	7	6	3	0	0	3,151
271	E C O N O M I C S		General Theory of Economics	839	155	58	23	3	3	0	0	0	1,081
272			Economical Statistics	136	41	27	7	2	0	0	0	0	213
273			Economic Policy (inclu. Economic Condition)	953	175	37	15	3	1	3	0	0	1,187
274			Economic History	367	50	11	2	0	1	0	1	0	432
275			Public Finance, Money and Banking	405	89	18	6	1	0	0	0	0	519
276			Commercial Science	384	65	19	3	1	1	0	0	0	473
277			Business Administration	1,052	150	39	16	7	4	1	0	1	1,270
278			Accounting	507	117	33	9	3	0	0	0	0	669
			ECONOMICS Total	4,643	842	242	81	20	10	4	1	1	5,844
301	S C I E N C E		Algebra	414	71	5	1	1	0	0	0	0	492
302			Geometry	343	69	6	3	1	0	0	0	0	422
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	474	95	43	8	7	2	1	0	0	630
305			Basic Analysis	337	73	16	1	0	2	2	0	0	431
306			Larger-area Analysis	154	35	1	2	0	0	0	0	0	192
			Mathematics total	1,722	343	71	15	9	4	3	0	0	2,167
311			Astronomy	131	66	25	7	3	0	0	0	0	232
321				Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Physics	700	109	13	6	1	0	0	0	829

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	336	66	17	2	0	0	0	0	0	421
323			Solid-State Physics II (Magnetism, Metal Physics,	393	79	4	1	0	0	0	0	0	477
324			Physical Properties in General (inclu. Basic Theories)	279	53	9	6	2	0	0	0	0	349
325			Physics in General	290	57	17	0	0	2	0	0	0	366
			Physics total	1,998	364	60	15	3	2	0	0	0	2,442
331			Physics of Solid Earth	96	101	42	6	1	1	0	0	0	247
332			Meteorology, Oceanography and Hydrology	179	93	30	7	2	1	1	1	0	314
333			Aeronomy	34	41	11	3	0	0	0	0	0	89
334			Geology	88	42	31	14	5	3	0	0	0	183
335			Stratigraphy and Paleontology	41	26	14	10	3	0	2	0	1	97
336			Mineralogy, Petrology and Study of Mineral Deposit	92	55	35	11	3	0	2	2	0	200
337			Geochemistry	74	48	25	5	1	0	0	0	0	153
			Earth Science total	604	406	188	56	15	5	5	3	1	1,283
341			Physical Chemistry	494	111	44	9	0	1	0	0	0	659
342			Organic Chemistry	334	160	49	3	0	2	0	0	0	548
343			Inorganic Chemistry	247	75	18	4	3	0	0	0	0	347
344			Function, Properties and Materials in Chemistry	212	55	21	4	0	0	0	0	0	292
345			Substance Transformation	25	14	1	0	1	0	0	0	0	41
346			Separation, Refining and Identification	169	44	13	3	0	0	0	0	0	229
			Chemistry total	1,481	459	146	23	4	3	0	0	0	2,116
351				Genetics	198	53	17	4	1	0	0	0	1
352		Ecology		300	113	44	14	8	3	0	0	1	483
353		Plant Physiology		195	75	24	8	4	0	0	0	0	306
354		Morphology, Structure of Organism		132	24	10	1	3	2	0	0	0	172
355		Animal Physiology and		148	32	9	1	0	0	1	0	0	191
356		Morphology and Taxonomy		97	70	41	19	9	3	4	2	0	245
		Biology total		1,070	367	145	47	25	8	5	2	2	1,671
361			Physical Anthropology (inclu. Physiological Anthropology)	71	26	11	2	0	1	0	0	0	111
	SCIENCE Total			7,077	2,031	646	165	59	23	13	5	3	10,022
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	205	57	11	2	2	1	0	0	0	278
402			Surface Physics	135	36	10	2	0	0	0	0	0	183
403			Applied Optics and Quantum Optics	173	77	43	5	3	1	0	0	0	302
404			General Applied Physics	134	35	13	1	0	0	0	0	0	183
405			Fundamentals of Engineering	92	24	3	3	2	0	1	0	0	125
		Applied Physics·Fundamentals of Engineering total	739	229	80	13	7	2	1	0	0	1,071	
411			Materials for Machines and Strength of Materials	432	60	27	8	1	2	0	0	1	531
412			Workshop Processes and Production Engineering	338	47	20	3	2	0	0	0	0	410
413			Design Engineering, Machine Elements and Tribology	244	33	10	4	0	0	0	0	0	291
414			Fluid Mechanics	427	68	20	5	0	1	2	0	0	523
415			Heat Engineering	396	72	16	4	0	0	0	0	0	488
416			Mechanics and Control Engineering	308	63	14	4	0	0	0	0	0	389
417			Intelligent Mechanics and Machine System	313	118	26	5	3	0	0	0	0	465
			Machine Engineering total	2,458	461	133	33	6	3	2	0	1	3,097
421			Electric Power Engineering and Electric Machinery	312	181	28	5	0	1	0	0	1	528
422			Electronic and Electric Materials Engineering	391	83	34	10	3	0	0	0	0	521
423			Electron Devices and Apparatus Engineering	317	171	54	11	1	1	0	0	0	555
424			Information and Communication Engineering	646	407	105	19	9	2	0	0	0	1,188

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
425	E N G I N E E R I N G		System Engineering	186	68	13	4	0	1	1	0	0	273
427			Electronic Measurements	279	117	25	6	1	0	1	0	0	429
428			Control Engineering	227	144	21	2	0	1	0	0	0	395
		Electric and Electronic Engineering	2,358	1,171	280	57	14	6	2	0	1	3,889	
431			Construction Materials and Dynamics in General Civil Engineering	154	33	15	6	2	0	0	0	0	210
432			Structural Engineering and Seismology	222	56	18	6	4	0	0	0	0	306
433			Ground Engineering	193	69	30	9	1	1	0	1	0	304
434			Hydraulics and River Engineering	200	83	22	8	0	0	0	1	0	314
435			Traffic Engineering and Regional Planning	164	45	26	10	2	1	0	0	0	248
436			Civil Environmental System	159	73	19	4	0	0	0	0	0	255
			Civil Engineering total	1,092	359	130	43	9	2	0	2	0	1,637
441		G	Building Structure and Materials	374	71	29	6	5	1	0	0	0	486
442			Building Science and Building Equipment	204	41	7	3	1	0	0	0	0	256
443			City Planning and Building Planning	641	69	18	3	3	1	0	0	0	735
444			Architectural History and Design	314	18	1	0	1	0	0	0	0	334
		Architecture total	1,533	199	55	12	10	2	0	0	0	1,811	
451		N	Physical Metallurgy	147	28	10	6	0	0	0	0	1	192
452			Inorganic Materials and	233	70	31	11	1	0	0	0	0	346
453			Composed Materials and Properties	87	25	2	4	0	0	0	0	0	118
454		E	Structural and Functional Materials	177	42	17	8	1	1	0	0	0	246
455			Metallurgy and Material	212	53	20	6	2	0	0	0	0	293
456			Metal Productive Engineering	92	25	7	2	0	1	0	0	0	127
		Material Engineering total	948	243	87	37	4	2	0	0	1	1,322	
461		N	Chemical Engineering in General	177	41	9	4	1	0	0	0	1	233
462			Reaction and Separation Engineering	105	29	10	0	0	0	0	0	0	144
463			Catalyst and Chemical Process	91	33	6	0	0	0	0	0	0	130
464			Bioengineering	192	38	13	3	4	0	0	0	0	250
465			Industrial Analytical Chemistry	89	21	0	2	1	0	0	0	0	113
	Process Engineering total		654	162	38	9	6	0	0	0	1	870	
471		Industrial Physical Chemistry	117	54	32	16	3	0	0	0	0	222	
472		Industrial Inorganic Chemistry	74	15	6	6	1	0	0	0	0	102	
473		Industrial Organic Chemistry	56	39	7	1	0	0	0	0	0	103	
474		Synthetic Chemistry	160	95	16	4	0	0	0	0	0	275	
475		Polymer Synthesis	142	72	12	0	1	0	0	0	0	227	
476		Polymer Structure and Property (inclu. Fiber)	187	46	19	5	3	1	0	0	0	261	
	Industrial Chemistry total	736	321	92	32	8	1	0	0	0	1,190		
481		Aeronautics	73	60	17	5	0	0	1	0	0	156	
482		Ship Engineering	94	11	3	1	0	0	0	0	0	109	
483		Marine Engineering	33	14	3	1	0	0	0	0	0	51	
484		Resource Development Engineering	62	19	13	2	1	2	0	0	0	99	
	Synthetic Engineering total	262	104	36	9	1	2	1	0	0	415		
	ENGINEERING Total		10,780	3,249	931	245	65	20	6	2	4	15,302	
501	A G R I C U L T U R E		Plant Breeding	101	23	10	4	3	0	0	0	0	141
502			Crop Science	82	17	9	1	1	0	0	0	0	110
503			Horticulture and Landscape Architecture	212	71	38	13	1	0	0	0	0	335
504			Plant Protection	118	59	19	6	3	0	0	0	0	205
505			Sericultural Science and Economic Entomology	57	12	3	1	0	0	0	0	0	73
		Agriculture total	570	182	79	25	8	0	0	0	0	864	
511			Plant Fertilizer and Manure and Soil Science	91	47	15	5	4	0	0	0	0	162
512			Applied Microbiochemistry and Applied Biochemistry	420	84	19	5	4	2	0	0	0	534
513			Biological Productive Chemistry and Bioorganic Chemistry	109	38	4	2	1	0	0	0	0	154
514			Food Science and Nutritional Chemistry	554	88	20	8	1	2	0	0	0	673

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	
	A		Agricultural Chemistry total	1,174	257	58	20	10	4	0	0	0	1,523	
521	G		Forestry	239	47	15	5	0	0	0	0	0	306	
522			Wood Science	141	33	9	3	0	0	0	0	0	186	
			Forestry total	380	80	24	8	0	0	0	0	0	492	
531	R		Fisheries in General	235	64	21	10	1	0	0	0	0	331	
532			Fisheries Chemistry	87	21	8	1	0	0	0	0	0	117	
			Fisheries total	322	85	29	11	1	0	0	0	0	448	
541	I		Agricultural Economics	242	50	17	12	3	0	0	0	0	324	
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	132	28	13	4	0	1	0	0	0	178	
552		U		Agricultural Machinery	62	33	19	4	2	0	0	0	120	
553	L		Biological Environment	47	16	4	3	0	0	1	1	0	72	
			Agricultural Engineering total	241	77	36	11	2	1	1	1	0	370	
561	T		Animal Science and Grassland Science	113	29	12	3	1	0	0	0	0	158	
562		U		Applied Animal Science	93	39	17	6	2	0	0	0	1	158
563	R		Basic Veterinary Medicine and Basic Animal Science	187	42	13	5	4	0	0	0	0	251	
564			Applied Veterinary Medicine	187	52	8	5	2	1	0	0	0	255	
	E		Animal Science·Veterinary Medicine total	580	162	50	19	9	1	0	0	1	822	
571			Biological Resource Science	47	12	14	4	0	0	0	0	0	77	
572			Applied Molecular Cell Biology	64	12	1	1	0	0	0	0	0	78	
			Interdisciplinary Agricultural Science total	111	24	15	5	0	0	0	0	0	155	
			AGRICULTURE Total	3,620	917	308	111	33	6	1	1	1	4,998	
601	M		Anatomy in General (inclu. Histology, Embryology)	273	67	16	9	3	0	1	1	0	370	
602			Physiology in General	282	82	33	8	7	2	0	1	0	415	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	179	54	25	6	3	3	1	0	0	271	
604			Pharmacology in General	217	49	25	7	4	2	1	0	0	305	
605			Medical Chemistry in General	245	39	19	2	2	0	0	1	0	308	
606			Pathological Medical Chemistry	116	27	10	4	2	1	0	0	0	160	
			Physiology total	1,312	318	128	36	21	8	3	3	0	1,829	
611		E		Hominal Pathology	358	88	32	4	2	2	0	0	0	486
612				Experimental Pathology	179	48	10	3	4	2	1	0	0	247
613		D		Parasitology (inclu. Medical Zoology)	116	28	11	3	2	0	0	0	0	160
614				Bacteriology (inclu. Eumycetes)	194	69	22	8	3	0	0	0	1	297
615		I		Virology	180	32	15	6	2	0	0	0	1	236
616				Immunology	286	62	22	7	5	1	0	1	0	384
				Pathology total	1,313	327	112	31	18	5	1	1	2	1,810
621		C		Hygiene	178	47	24	9	5	2	0	0	0	265
622				Public Health and Health Science	700	141	34	15	5	3	1	0	1	900
623				Legal Medicine	140	42	16	4	3	0	0	1	0	206
	N		Social Medicine total	1,018	230	74	28	13	5	1	1	1	1,371	
631		E		Internal Medicine in General	363	72	52	18	4	2	1	0	0	512
632			Gastroenterology	500	62	28	9	7	2	0	1	0	609	
633			Internal Medicine Respiratory System	174	62	27	17	2	1	1	1	0	285	
634			Neurological Medicine	253	63	26	18	4	1	0	1	1	367	
635			Cardioangiology	489	106	48	20	4	2	3	0	1	673	
636			Pediatrics	468	97	43	10	3	2	0	0	0	623	
637			Dermatology	291	37	24	3	1	1	1	1	0	359	
638			Radiology	480	130	64	28	7	2	0	0	0	711	
639			Neuropsychiatry	456	77	34	7	5	0	1	1	1	582	
641			Hematology	287	60	31	12	5	1	2	1	0	399	
642			Internal Medicine of Kidney	144	51	47	16	4	1	0	0	0	263	
643			Embryology and Newborn	36	7	2	0	0	0	0	0	0	45	
644			Endocrinology	126	32	37	12	4	1	0	0	0	212	
645			Metabolic Science	157	41	30	11	1	0	0	0	0	240	
			Internal Medicine total	4,224	897	493	181	51	16	9	6	3	5,880	
651			Surgery in General	392	68	43	16	7	5	2	3	0	536	
652			Gastroenterological Surgery	397	86	31	10	5	4	3	0	2	538	
653			Thoracic Surgery	278	57	33	11	7	2	0	0	0	388	

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
654	M		Neurosurgery	318	73	33	10	5	2	1	0	0	442
655			Orthopedic Surgery	530	122	47	15	8	6	5	2	1	736
656			Anesthesiology and Rescue Medicine	361	96	46	11	9	3	2	0	0	528
657			Urology	230	69	50	23	9	0	1	1	0	383
658			Obstetrics and Gynecology	351	75	39	11	3	2	0	0	1	482
659			Oto-rhino-laryngology	352	33	15	7	3	1	0	0	0	411
660			Ophthalmology	229	113	39	12	11	2	1	0	0	407
661			Pediatric Surgery	45	21	6	5	1	3	1	0	0	82
662			Formative Surgery	96	14	4	3	1	0	1	0	0	119
				Surgery total	3,579	827	386	134	69	30	17	6	4
671	E		Oral Anatomy and Morphological Basic Dentistry	211	85	27	15	2	0	0	0	340	
672	D		Functional Basic Dentistry	162	66	17	5	0	1	0	0	251	
673	I		Morbid Dentistry (inclu. Dental Radiology)	161	56	21	8	3	0	0	0	249	
674	C		Conservative Dentistry	282	122	36	11	2	0	0	0	453	
675			Prosthodontics and Dental Technology	443	145	52	18	6	4	1	0	669	
676	I		Oral Surgery	559	140	55	11	2	1	1	0	769	
677	N		Orthodontics, Pedodontics and Social Dentistry	515	123	57	23	7	3	0	0	728	
678			Periodontological Dentistry	133	38	18	5	0	1	0	0	195	
	E		Dentistry total	2,466	775	283	96	22	10	2	0	0	3,654
681				Chemical Pharmaceutics	373	109	30	8	1	1	1	0	0
682		Physical Pharmaceutics		176	35	16	4	2	0	0	0	0	233
683		Biopharmaceutics		456	92	31	12	4	1	0	0	1	597
684		Molecular Pharmaceutics		111	35	6	6	0	1	0	0	0	159
685		Environmental Pharmaceutics		59	12	3	5	0	0	0	0	0	79
		Pharmaceutics total		1,175	283	86	35	7	3	1	0	1	1,591
691			Medical Sociology	148	34	12	2	0	0	0	0	0	196
692			Human Genetics	61	21	4	1	2	1	0	0	0	90
693			Applied Pharmacology and Medical Pharmacology	138	39	15	3	1	2	0	0	0	198
694			Pathological Examination	167	26	15	5	1	0	0	0	0	214
696			Science of Basic and Local Nursing	713	34	6	5	1	1	0	0	0	760
697			Science of Clinical Nursing	955	52	8	2	1	0	0	0	0	1,018
			Medicine in General total	2,182	206	60	18	6	4	0	0	0	2,476
			MEDICINE Total	17,269	3,863	1,622	559	207	81	34	17	11	23,663
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	100	24	10	3	2	0	0	0	139	
703			Physical Education	1,636	239	73	21	2	2	0	0	0	1,973
704			Human Geography	274	30	13	2	1	1	0	0	0	321
705			Physical Geography	108	19	11	6	1	0	0	0	0	145
			Geography total	382	49	24	8	2	1	0	0	0	466
706			Home Science(inclu. Cloth/Living Environments)	736	66	13	4	1	0	0	0	0	820
707			Food Culture	574	33	4	2	0	0	0	0	0	613
			Domestic Science total	1,310	99	17	6	1	0	0	0	0	1,433
708			Science of Cultural Property	30	7	6	0	0	0	0	0	0	43
711			Science Education	223	35	19	4	0	0	0	0	0	281
712	A R E A		Educational Engineering	357	55	17	4	2	0	0	0	435	
713			Curriculum Studies	1,082	136	52	11	5	0	0	0	1,286	
714			Japanese Language Education	207	27	8	5	2	0	0	0	249	
			Science Education·Curriculum Education total	1,869	253	96	24	9	0	0	0	2,251	
721			Statistics	112	30	16	7	2	2	0	1	1	171
731			Computer Science	628	232	152	31	5	1	0	0	1	1,050
732			Intelligent Informatics	505	177	79	23	3	3	1	0	0	791
733			Study of Information System (Inclu. Library and Information Science)	532	110	43	12	0	1	0	0	0	698
			Information Science total	1,665	519	274	66	8	5	1	0	1	2,539
741			Social System Engineering	301	70	31	13	5	1	0	0	0	421
751	I		Natural Disaster Science	33	13	4	6	1	0	0	0	57	
761			Plasma Science and Technology	170	48	0	1	0	0	0	0	219	
772			Nuclear Fusion	70	13	5	1	0	0	0	0	89	

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

Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
773	N T E R D I S C I P L I N A R Y		Energy Science General	75	26	7	1	0	1	1	0	0	111
774			Nuclear Power Science	124	40	11	1	1	0	0	0	0	177
			Energy total	269	79	23	3	1	1	1	0	0	377
801			Environmental Dynamic Analysis	123	45	16	7	4	1	0	0	0	196
802			Environmental Influence Assessment (inclu. Radiobiology)	146	39	16	5	0	0	0	1	0	207
803			Environmental Preservation	248	65	23	5	1	1	1	0	0	344
			Environmental Science total	517	149	55	17	5	2	1	1	0	747
811			Biological Organic Chemistry	135	43	30	8	3	0	0	0	0	219
812			Structured Biochemistry	153	30	7	5	1	0	0	1	0	197
813			Functional Biochemistry	228	51	10	3	2	0	0	0	0	294
		Biological Chemistry total	516	124	47	16	6	0	0	1	0	710	
821	N A R Y		Biophysics	192	42	13	3	0	1	0	0	0	251
822			Molecular Biology	507	102	24	6	5	0	0	0	0	644
823			Cell Biology	321	74	17	5	0	0	0	0	0	417
824			Developmental Biology	205	32	6	1	1	0	0	0	0	245
			Basic Biology total	1,225	250	60	15	6	1	0	0	0	1,557
831	A R E A		Neuroanatomy and Neuropathology	81	57	15	6	1	0	0	0	0	160
832			Neurochemistry and Neuropharmacology	114	41	17	2	4	0	1	0	0	179
833			Neuro Science in General	199	100	35	9	0	0	1	0	0	344
834			Neuro and Muscular Physiology	130	69	35	6	2	2	2	0	0	246
			Neuro Science (inclu. Brain Science) total	524	267	102	23	7	2	4	0	0	929
841			Laboratory Animal Science	82	15	7	2	0	1	0	0	0	107
851		Medical Organism Engineering and Material Science of Organism	294	108	38	13	7	2	0	0	0	462	
	INTERDISCIPLINARY AREA Total			11,035	2,343	883	244	64	20	7	3	2	14,601
999	WIDE AREA Total			1,927	266	105	42	10	6	0	1	0	2,357
	Item n.a. Total			62,785	6,091	1,867	453	152	36	11	2	4	71,401
	Grand Total			140,491	22,703	7,608	2,246	707	253	96	35	32	174,171

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	A R T S · H U M A N I T I E S		Philosophy	35	3	1	0	0	0	39
212			Chinese Philosophy	20	2	1	0	0	0	23
213			Indian Philosophy (inclu. Buddhist Studies)	87	10	2	1	0	1	101
214			Religion	38	3	0	0	0	0	41
215			Ethics	17	1	0	0	0	0	18
216			History of Philosophy	33	4	0	0	0	0	37
217			Aesthetics (inclu. Arts)	509	151	3	1	1	0	665
218			Art History	61	3	0	0	3	1	68
			Philosophy total	800	177	7	2	4	2	992
221			Experimental Psychology	115	3	1	1	1	0	121
222			Educational and Social	213	20	0	3	1	1	238
223			Sociology	161	20	0	2	1	1	185
224			Education	172	33	0	1	6	1	213
225			Cultural Anthropology (inclu. Ethnology and Folklore)	88	8	0	8	1	0	105
			Psychology·Sociology·Education Cultural Anthropology total	749	84	1	15	10	3	862
231			Japanese History	80	8	0	1	0	1	90
232			Oriental History	40	2	0	0	0	0	42
233			European History	39	5	0	0	0	0	44
234			Archaeology (inclu. Prehistory)	35	1	0	2	0	2	40
			History total	194	16	0	3	0	3	216
241			Japanese Language	48	3	0	0	0	0	51
242			Japanese Literature	166	30	3	2	0	0	201
243			Chinese Language and Literature	33	3	0	0	0	0	36
244			English Language and Literature	186	29	2	0	0	0	217
245			French Language and Literature	31	1	0	0	0	0	32
246			German Language and Literature	50	1	0	0	0	0	51
247			Other Foreign Languages and Literatures	27	0	0	0	0	0	27
248			Linguistics and Phonetics	78	4	1	0	1	0	84
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	51	4	0	0	0	0	55
			Literature total	670	75	6	2	1	0	754
			ARTS·HUMANITIES Total	2,413	352	14	22	15	8	2,824
261	L A W		Basic Science of Law	23	0	0	0	0	0	23
262			Public Law	27	1	0	0	0	0	28
263			International Law	34	0	0	0	0	0	34
264			Civil Law	51	0	0	1	0	0	52
265			Social Law	23	0	0	0	0	0	23
266			Criminal Law	7	0	0	0	0	0	7
267			Politics	106	2	0	0	0	0	108
			LAW Total	271	3	0	1	0	0	275
271	E C O N O M I C S		General Theory of Economics	86	0	0	0	0	0	86
272			Economical Statistics	24	0	0	0	0	0	24
273			Economic Policy (inclu. Economic Condition)	173	3	0	1	0	0	177
274			Economic History	51	3	0	1	0	0	55
275			Public Finance, Money and Banking	46	2	0	0	0	0	48
276			Commercial Science	72	5	0	0	0	0	77
277			Business Administration	152	10	0	0	0	0	162
278			Accounting	95	0	0	0	0	0	95
			ECONOMICS Total	699	23	0	2	0	0	724
301	S C I E N C E		Algebra	24	0	1	0	0	0	25
302			Geometry	26	0	0	0	0	0	26
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	49	0	0	1	0	0	50
305			Basic Analysis	22	1	0	0	0	0	23
306			Larger-area Analysis	15	0	0	0	0	0	15
			Mathematics total	136	1	1	1	0	0	139
311			Astronomy	19	1	1	8	0	0	29
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	67	1	1	11	0	0	80

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

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	57	0	3	2	0	1	63
323			Solid-State Physics II (Magnetism, Metal Physics,	71	1	2	0	0	0	74
324			Physical Properties in General (inclu. Basic Theories)	34	0	0	2	0	0	36
325			Physics in General	41	0	2	5	0	2	50
			Physics total	270	2	8	20	0	3	303
331			Physics of Solid Earth	38	0	0	3	0	0	41
332			Meteorology, Oceanography and Hydrology	89	0	3	6	0	0	98
333			Aeronomy	26	0	0	2	0	0	28
334			Geology	60	0	0	0	0	0	60
335			Stratigraphy and Paleontology	37	0	0	1	2	0	40
336			Mineralogy, Petrology and Study of Mineral Deposit	70	0	0	0	1	0	71
337			Geochemistry	46	1	0	1	0	0	48
			Earth Science total	366	1	3	13	3	0	386
341			Physical Chemistry	109	0	2	9	0	0	120
342			Organic Chemistry	116	0	1	2	0	1	120
343			Inorganic Chemistry	52	0	2	2	0	0	56
344			Function, Properties and Materials in Chemistry	73	1	1	1	0	0	76
345			Substance Transformation	9	0	0	0	0	0	9
346			Separation, Refining and Identification	56	2	2	2	0	0	62
			Chemistry total	415	3	8	16	0	1	443
351			Genetics	46	0	0	5	0	0	51
352			Ecology	66	3	0	1	1	1	72
353			Plant Physiology	46	2	0	3	0	0	51
354			Morphology, Structure of Organism	32	0	0	2	0	1	35
355			Animal Physiology and	41	0	0	1	0	0	42
356			Morphology and Taxonomy	35	1	1	1	5	1	44
			Biology total	266	6	1	13	6	3	295
361			Physical Anthropology (inclu. Physiological Anthropology)	23	1	0	0	0	0	24
	SCIENCE Total			1,495	15	22	71	9	7	1,619
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	82	0	2	1	0	0	85
402			Surface Physics	56	0	2	0	0	0	58
403			Applied Optics and Quantum Optics	93	1	6	3	0	1	104
404			General Applied Physics	47	2	4	1	0	6	60
405			Fundamentals of Engineering	28	0	2	0	0	0	30
			Applied Physics·Fundamentals of Engineering total	306	3	16	5	0	7	337
411			Materials for Machines and Strength of Materials	197	2	15	0	0	1	215
412			Workshop Processes and Production Engineering	173	1	22	0	0	0	196
413			Design Engineering, Machine Elements and Tribology	108	2	6	0	0	0	116
414			Fluid Mechanics	170	3	12	0	0	0	185
415			Heat Engineering	176	3	9	2	0	0	190
416			Mechanics and Control Engineering	117	0	15	1	0	0	133
417			Intelligent Mechanics and Machine System	173	1	9	1	1	0	185
			Machine Engineering total	1,114	12	88	4	1	1	1,220
421			Electric Power Engineering and Electric Machinery	171	1	23	1	0	0	196
422			Electronic and Electric Materials Engineering	128	1	7	0	0	3	139
423			Electron Devices and Apparatus Engineering	176	3	9	1	0	0	189
424			Information and Communication Engineering	320	4	17	9	0	0	350

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	75	2	2	1	1	1	82
427			Electronic Measurements	153	1	18	0	0	0	172
428			Control Engineering	119	0	13	1	0	0	133
			Electric and Electronic Engineering	1,142	12	89	13	1	4	1,261
431			Construction Materials and Dynamics in General Civil Engineering	64	0	6	0	0	0	70
432			Structural Engineering and Seismology	82	2	5	0	0	0	89
433			Ground Engineering	83	0	7	1	0	0	91
434			Hydraulics and River Engineering	82	1	3	0	0	0	86
435			Traffic Engineering and Regional Planning	77	3	1	0	0	0	81
436			Civil Environmental System	64	0	6	0	0	0	70
			Civil Engineering total	452	6	28	1	0	0	487
441		G	Building Structure and Materials	135	3	2	0	0	1	141
442			Building Science and Building Equipment	103	4	3	0	0	2	112
443			City Planning and Building Planning	221	6	3	0	0	0	230
444			Architectural History and Design	81	8	2	0	0	0	91
			Architecture total	540	21	10	0	0	3	574
451		N	Physical Metallurgy	85	0	6	0	0	1	92
452			Inorganic Materials and	131	0	4	0	0	0	135
453			Composed Materials and Properties	40	0	2	0	1	0	43
454		E	Structural and Functional Materials	108	1	4	0	0	1	114
455			Metallurgy and Material	150	1	7	1	0	2	161
456			Metal Productive Engineering	83	2	0	0	0	0	85
		Material Engineering total	597	4	23	1	1	4	630	
461		G	Chemical Engineering in General	73	0	4	0	0	0	77
462			Reaction and Separation Engineering	39	0	0	0	0	0	39
463			Catalyst and Chemical Process	46	0	0	2	0	0	48
464			Bioengineering	87	0	1	0	0	0	88
465			Industrial Analytical Chemistry	36	0	3	0	0	0	39
			Process Engineering total	281	0	8	2	0	0	291
471			Industrial Physical Chemistry	88	1	1	0	0	1	91
472			Industrial Inorganic Chemistry	38	0	1	0	0	0	39
473			Industrial Organic Chemistry	29	2	2	0	0	0	33
474			Synthetic Chemistry	76	1	4	0	0	0	81
475			Polymer Synthesis	70	0	3	0	0	0	73
476			Polymer Structure and Property (inclu. Fiber)	87	6	2	0	0	0	95
			Industrial Chemistry total	388	10	13	0	0	1	412
481		Aeronautics	45	0	2	3	0	0	50	
482		Ship Engineering	40	0	5	0	0	0	45	
483		Marine Engineering	21	0	0	0	0	0	21	
484		Resource Development Engineering	53	0	1	0	0	0	54	
		Synthetic Engineering total	159	0	8	3	0	0	170	
	ENGINEERING Total			4,979	68	283	29	3	20	5,382
501	A G R I C U L T U R E		Plant Breeding	19	0	0	0	0	0	19
502			Crop Science	28	1	1	0	0	0	30
503			Horticulture and Landscape Architecture	102	9	0	0	0	0	111
504			Plant Protection	58	2	0	0	0	0	60
505			Sericultural Science and Economic Entomology	17	0	0	0	0	5	22
			Agriculture total	224	12	1	0	0	5	242
511			Plant Fertilizer and Manure and Soil Science	53	2	0	0	0	0	55
512			Applied Microbiochemistry and Applied Biochemistry	132	3	1	0	0	2	138
513			Biological Productive Chemistry and Bioorganic Chemistry	55	1	0	0	0	0	56
514			Food Science and Nutritional Chemistry	125	17	1	0	0	1	144

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	365	23	2	0	0	3	393
521			Forestry	77	1	0	1	0	0	79
522	G		Wood Science	64	0	0	0	0	1	65
			Forestry total	141	1	0	1	0	1	144
531	R		Fisheries in General	85	0	1	0	0	0	86
532			Fisheries Chemistry	33	3	0	0	0	0	36
			Fisheries total	118	3	1	0	0	0	122
541	I		Agricultural Economics	94	2	0	1	0	0	97
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	42	2	0	0	0	0	44
552	U		Agricultural Machinery	28	1	0	0	0	0	29
553	L		Biological Environment	24	0	0	0	0	0	24
			Agricultural Engineering total	94	3	0	0	0	0	97
561	T		Animal Science and Grassland Science	46	1	0	0	0	0	47
562	U		Applied Animal Science	52	2	0	0	0	0	54
563	R		Basic Veterinary Medicine and Basic Animal Science	46	1	0	0	1	3	51
564			Applied Veterinary Medicine	69	0	0	0	0	2	71
	E		Animal Science·Veterinary Medicine total	213	4	0	0	1	5	223
571			Biological Resource Science	19	0	0	0	0	0	19
572			Applied Molecular Cell Biology	17	0	0	0	0	0	17
			Interdisciplinary Agricultural Science total	36	0	0	0	0	0	36
			AGRICULTURE Total	1,285	48	4	2	1	14	1,354
601			Anatomy in General (inclu. Histology, Embryology)	53	4	0	0	0	0	57
602			Physiology in General	83	2	0	2	0	0	87
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	58	6	0	0	0	0	64
604			Pharmacology in General	72	3	0	0	0	0	75
605			Medical Chemistry in General	70	4	0	0	0	1	75
606			Pathological Medical Chemistry	43	1	0	0	0	1	45
	M		Physiology total	379	20	0	2	0	2	403
611			Hominal Pathology	78	1	0	0	0	0	79
612	E		Experimental Pathology	52	0	0	0	0	3	55
613	D		Parasitology (inclu. Medical Zoology)	37	1	0	0	0	0	38
614			Bacteriology (inclu. Eumycetes)	80	5	0	0	0	1	86
615	I		Virology	42	1	0	0	0	0	43
616			Immunology	83	3	0	0	0	0	86
	C		Pathology total	372	11	0	0	0	4	387
621			Hygiene	51	2	0	0	0	3	56
622	I		Public Health and Health Science	147	29	0	0	0	0	176
623			Legal Medicine	45	0	0	0	0	0	45
	N		Social Medicine total	243	31	0	0	0	3	277
631			Internal Medicine in General	118	2	0	0	0	1	121
632	E		Gastroenterology	150	0	0	0	0	1	151
633			Internal Medicine Respiratory System	60	1	0	0	0	0	61
634			Neurological Medicine	65	1	0	0	0	0	66
635			Cardioangiopathy	135	0	0	0	0	1	136
636			Pediatrics	115	1	0	0	0	0	116
637			Dermatology	55	0	0	0	0	0	55
638			Radiology	129	6	0	1	0	0	136
639			Neuropsychiatry	64	1	0	0	0	0	65
641			Hematology	66	2	0	0	0	0	68
642			Internal Medicine of Kidney	60	0	0	0	0	0	60
643			Embryology and Newborn	4	1	0	0	0	0	5
644			Endocrinology	68	1	0	0	0	0	69
645			Metabolic Science	46	0	0	0	0	0	46
			Internal Medicine total	1,135	16	0	1	0	3	1,155
651			Surgery in General	70	0	0	0	0	0	70
652			Gastroenterological Surgery	79	0	0	0	0	1	80
653			Thoracic Surgery	52	0	0	0	0	0	52

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	87	1	0	0	0	0	88
655			Orthopedic Surgery	131	1	0	0	0	0	132
656			Anesthesiology and Rescue Medicine	74	1	0	0	0	0	75
657			Urology	68	0	0	0	0	0	68
658			Obstetrics and Gynecology	88	0	0	0	0	0	88
659			Oto-rhino-laryngology	41	0	0	0	0	0	41
660			Ophthalmology	70	0	0	0	0	0	70
661			Pediatric Surgery	18	0	0	0	0	0	18
662			Formative Surgery	12	0	0	0	0	0	12
			Surgery total	790	3	0	0	0	1	794
671	E		Oral Anatomy and Morphological Basic Dentistry	48	0	0	0	0	48	
672	D		Functional Basic Dentistry	37	1	0	0	0	38	
673	I		Morbid Dentistry (inclu. Dental Radiology)	19	0	0	0	0	19	
674	C		Conservative Dentistry	33	1	0	0	0	34	
675			Prosthodontics and Dental Technology	76	1	0	0	0	77	
676	I		Oral Surgery	57	1	0	0	0	58	
677	N		Orthodontics, Pedodontics and Social Dentistry	56	3	0	0	0	59	
678			Periodontological Dentistry	20	0	0	0	0	20	
	E		Dentistry total	346	7	0	0	0	353	
681				Chemical Pharmaceutics	109	1	0	0	0	3
682		Physical Pharmaceutics		59	0	0	0	0	0	59
683		Biopharmaceutics		120	0	1	0	0	2	123
684		Molecular Pharmaceutics		40	0	0	0	0	0	40
685		Environmental Pharmaceutics		18	0	0	0	0	0	18
			Pharmaceutics total	346	1	1	0	0	5	353
691			Medical Sociology	32	3	0	0	0	1	36
692			Human Genetics	18	1	0	1	0	1	21
693			Applied Pharmacology and Medical Pharmacology	54	0	0	0	0	0	54
694			Pathological Examination	48	10	0	0	0	0	58
696			Science of Basic and Local Nursing	25	9	0	0	0	0	34
697			Science of Clinical Nursing	23	5	0	0	0	0	28
			Medicine in General total	200	28	0	1	0	2	231
	MEDICINE Total			3,811	117	1	4	0	20	3,953
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)	27	0	0	0	1	0	28
703			Physical Education	156	15	2	0	0	0	173
704			Human Geography	47	0	1	1	0	0	49
705			Physical Geography	27	0	0	0	0	0	27
			Geography total	74	0	1	1	0	0	76
706			Home Science(inclu. Cloth/Living Environments)	107	54	0	0	0	0	161
707			Food Culture	48	32	0	0	0	0	80
			Domestic Science total	155	86	0	0	0	0	241
708			Science of Cultural Property	4	1	0	0	0	0	5
711			Science Education	49	1	4	0	2	0	56
712			Educational Engineering	66	2	3	6	1	0	78
713			Curriculum Studies	147	31	2	0	2	0	182
714			Japanese Language Education	5	1	0	0	1	0	7
	A R E A		Science Education·Curriculum Education total	267	35	9	6	6	0	323
721			Statistics	39	1	0	5	0	0	45
731			Computer Science	220	6	9	2	0	0	237
732			Intelligent Informatics	230	3	5	7	0	0	245
733			Study of Information System (Inclu. Library and Information Science)	123	5	2	7	0	1	138
			Information Science total	573	14	16	16	0	1	620
741			Social System Engineering	128	2	3	0	0	0	133
751			Natural Disaster Science	13	1	1	0	0	0	15
761	I		Plasma Science and Technology	46	1	2	6	0	1	56
772			Nuclear Fusion	21	1	1	7	0	1	31

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 Research Division		Energy Science General	48	0	2	0	0	0	50
774			Nuclear Power Science	56	0	1	1	0	0	58
			Energy total	125	1	4	8	0	1	139
801			Environmental Dynamic Analysis	55	0	0	0	0	0	55
802			Environmental Influence Assessment (inclu. Radiobiology)	55	1	1	1	0	3	61
803			Environmental Preservation	96	2	0	1	0	2	101
			Environmental Science total	206	3	1	2	0	5	217
811			Biological Organic Chemistry	57	2	1	0	0	1	61
812			Structured Biochemistry	39	1	0	0	0	1	41
813			Functional Biochemistry	56	1	0	0	0	0	57
			Biological Chemistry total	152	4	1	0	0	2	159
821			Biophysics	28	0	0	1	0	0	29
822			Molecular Biology	99	0	1	3	0	3	106
823			Cell Biology	73	1	0	4	0	3	81
824			Developmental Biology	38	0	0	2	0	0	40
			Basic Biology total	238	1	1	10	0	6	256
831	Area		Neuroanatomy and Neuropathology	24	1	0	0	0	0	25
832			Neurochemistry and Neuropharmacology	34	0	0	0	0	0	34
833			Neuro Science in General	53	1	0	4	0	0	58
834			Neuro and Muscular Physiology	37	0	0	3	0	0	40
			Neuro Science (inclu. Brain Science) total	148	2	0	7	0	0	157
841			Laboratory Animal Science	21	0	0	0	0	3	24
851			Medical Organism Engineering and Material Science of Organism	162	7	5	0	0	0	174
	INTERDISCIPLINARY AREA Total			2,534	174	46	61	7	19	2,841
999	WIDE AREA Total			460	72	4	7	1	0	544
	Item n.a. Total			6,474	241	183	82	14	40	7,034
	Grand Total			24,421	1,113	557	281	50	128	26,550

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	ARTS • HUMANITIES		Philosophy	7	0	0	0	0	0	7
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	4	0	0	0	0	0	4
215			Ethics	2	0	0	0	0	0	2
216			History of Philosophy	7	0	0	0	0	0	7
217			Aesthetics (inclu. Arts)	119	27	1	1	1	0	149
218			Art History	12	0	0	0	0	0	12
			Philosophy total	155	27	1	1	1	0	185
221			Experimental Psychology	13	0	0	0	0	0	13
222			Educational and Social	26	0	0	0	0	0	26
223			Sociology	24	3	0	0	0	0	27
224			Education	16	6	0	0	0	0	22
225			Cultural Anthropology (inclu. Ethnology and Folklore)	27	2	0	3	0	0	32
			Psychology • Sociology • Education Cultural Anthropology total	106	11	0	3	0	0	120
231			Japanese History	5	0	0	0	0	1	6
232			Oriental History	12	0	0	0	0	0	12
233			European History	13	1	0	0	0	0	14
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0
			History total	30	1	0	0	0	1	32
241			Japanese Language	5	0	0	0	0	0	5
242			Japanese Literature	5	1	0	0	0	0	6
243			Chinese Language and Literature	13	1	0	0	0	0	14
244			English Language and Literature	63	11	0	0	0	0	74
245			French Language and Literature	19	0	0	0	0	0	19
246			German Language and Literature	4	0	0	0	0	0	4
247			Other Foreign Languages and Literatures	19	0	0	0	0	0	19
248			Linguistics and Phonetics	32	4	0	0	0	0	36
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	15	1	0	0	0	0	16
			Literature total	175	18	0	0	0	0	193
			ARTS • HUMANITIES Total	466	57	1	4	1	1	530
261	LAW		Basic Science of Law	7	0	0	0	0	0	7
262			Public Law	4	0	0	0	0	0	4
263			International Law	13	0	0	0	0	0	13
264			Civil Law	6	0	0	0	0	0	6
265			Social Law	0	0	0	0	0	0	0
266			Criminal Law	0	1	0	0	0	0	1
267			Politics	22	1	0	0	0	0	23
			LAW Total	52	2	0	0	0	0	54
271	ECONOMICS		General Theory of Economics	15	1	0	0	0	0	16
272			Economical Statistics	9	0	0	0	0	0	9
273			Economic Policy (inclu. Economic Condition)	18	0	0	0	0	0	18
274			Economic History	5	0	0	0	0	0	5
275			Public Finance, Money and Banking	6	0	0	0	0	0	6
276			Commercial Science	3	1	0	0	0	0	4
277			Business Administration	28	0	0	0	0	0	28
278			Accounting	5	0	0	0	0	0	5
			ECONOMICS Total	89	2	0	0	0	0	91
301	SCIENCE		Algebra	5	0	0	0	0	0	5
302			Geometry	1	0	0	0	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	0	0	0	0	0	14
305			Basic Analysis	1	0	0	0	0	0	1
306			Larger-area Analysis	1	0	0	0	0	0	1
			Mathematics total	22	0	0	0	0	0	22
311			Astronomy	3	0	0	1	0	0	4
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	23	0	0	4	0	0	27

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	12	0	0	0	0	0	12
323			Solid-State Physics II (Magnetism, Metal Physics,	8	0	0	0	0	0	8
324			Physical Properties in General (inclu. Basic Theories)	9	0	0	1	0	0	10
325			Physics in General	10	0	1	1	0	0	12
			Physics total	62	0	1	6	0	0	69
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	9	0	0	0	0	0	9
334			Geology	5	0	0	0	0	0	5
335			Stratigraphy and Paleontology	2	0	0	0	0	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	10	0	0	0	0	0	10
337			Geochemistry	4	0	0	1	0	0	5
			Earth Science total	50	0	0	1	0	0	51
341			Physical Chemistry	14	0	0	0	0	0	14
342			Organic Chemistry	10	0	0	0	0	1	11
343			Inorganic Chemistry	2	0	0	0	0	0	2
344			Function, Properties and Materials in Chemistry	12	0	0	0	0	0	12
345			Substance Transformation	1	0	0	0	0	0	1
346			Separation, Refining and Identification	4	0	0	0	0	0	4
			Chemistry total	43	0	0	0	0	1	44
351			Genetics	6	0	0	0	0	0	6
352			Ecology	9	0	0	1	0	0	10
353			Plant Physiology	5	0	0	1	0	1	7
354			Morphology, Structure of Organism	3	0	0	1	0	0	4
355			Animal Physiology and	5	0	0	0	0	0	5
356			Morphology and Taxonomy	8	0	1	0	2	0	11
			Biology total	36	0	1	3	2	1	43
361			Physical Anthropology (inclu. Physiological Anthropology)	5	0	0	0	0	0	5
	SCIENCE Total			221	0	2	11	2	2	238
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	23	0	0	0	0	0	23
402			Surface Physics	6	0	0	0	0	0	6
403			Applied Optics and Quantum Optics	24	0	0	0	0	0	24
404			General Applied Physics	9	1	2	0	0	0	12
405			Fundamentals of Engineering	2	0	0	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	64	1	2	0	0	0	67
411			Materials for Machines and Strength of Materials	35	0	0	0	0	1	36
412			Workshop Processes and Production Engineering	9	0	0	0	0	0	9
413			Design Engineering, Machine Elements and Tribology	17	0	0	0	0	0	17
414			Fluid Mechanics	28	0	1	1	0	0	30
415			Heat Engineering	30	1	0	0	0	0	31
416			Mechanics and Control Engineering	22	0	2	0	0	0	24
417			Intelligent Mechanics and Machine System	49	0	1	0	0	0	50
			Machine Engineering total	190	1	4	1	0	1	197
421			Electric Power Engineering and Electric Machinery	36	0	0	0	0	0	36
422			Electronic and Electric Materials Engineering	31	0	2	0	0	0	33
423			Electron Devices and Apparatus Engineering	61	1	1	0	0	0	63
424			Information and Communication Engineering	71	0	2	5	0	0	78

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

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
425	E		System Engineering	26	1	0	0	0	0	27
427			Electronic Measurements	31	0	0	0	0	0	31
428			Control Engineering	29	0	1	0	0	0	30
			Electric and Electronic Engineering	285	2	6	5	0	0	298
431			Construction Materials and Dynamics in General Civil Engineering	16	0	1	0	0	0	17
432			Structural Engineering and Seismology	11	0	0	0	0	0	11
433			Ground Engineering	23	0	0	0	0	0	23
434			Hydraulics and River Engineering	21	1	0	0	0	0	22
435			Traffic Engineering and Regional Planning	10	1	0	0	0	0	11
436			Civil Environmental System	4	1	1	0	0	0	6
			Civil Engineering total	85	3	2	0	0	0	90
441		N	Building Structure and Materials	26	0	2	0	0	0	28
442			Building Science and Building Equipment	13	2	1	0	0	1	17
443			City Planning and Building Planning	33	1	0	0	0	0	34
444			Architectural History and Design	15	0	0	0	0	0	15
			Architecture total	87	3	3	0	0	1	94
451		N	Physical Metallurgy	11	0	2	0	0	0	13
452			Inorganic Materials and	26	0	0	0	0	0	26
453			Composed Materials and Properties	7	0	0	0	0	0	7
454			Structural and Functional Materials	21	0	0	0	0	0	21
455		R	Metallurgy and Material	30	0	1	0	0	0	31
456			Metal Productive Engineering	13	0	0	0	0	0	13
			Material Engineering total	108	0	3	0	0	0	111
461		G	Chemical Engineering in General	13	0	0	0	0	0	13
462			Reaction and Separation Engineering	5	0	0	0	0	0	5
463			Catalyst and Chemical Process	5	0	0	0	0	0	5
464			Bioengineering	9	0	0	0	0	0	9
465			Industrial Analytical Chemistry	6	0	0	0	0	0	6
			Process Engineering total	38	0	0	0	0	0	38
471			Industrial Physical Chemistry	13	0	1	0	0	1	15
472			Industrial Inorganic Chemistry	7	0	0	0	0	0	7
473			Industrial Organic Chemistry	7	0	0	0	0	0	7
474			Synthetic Chemistry	4	0	1	0	0	0	5
475			Polymer Synthesis	7	0	0	0	0	0	7
476			Polymer Structure and Property (inclu. Fiber)	7	0	0	0	0	0	7
			Industrial Chemistry total	45	0	2	0	0	1	48
481			Aeronautics	7	0	1	3	0	0	11
482			Ship Engineering	4	0	0	0	0	0	4
483			Marine Engineering	2	0	0	0	0	0	2
484			Resource Development Engineering	8	0	0	0	0	0	8
			Synthetic Engineering total	21	0	1	3	0	0	25
			ENGINEERING Total	923	10	23	9	0	3	968
501	A	G	Plant Breeding	1	0	0	0	0	0	1
502			Crop Science	5	0	0	0	0	0	5
503			Horticulture and Landscape	6	0	0	0	0	0	6
504			Architecture	10	0	0	0	0	0	10
505			Sericultural Science and	1	0	0	0	0	1	2
			Economic Entomology							
			Agriculture total	23	0	0	0	0	1	24
511		R	Plant Fertilizer and Manure and Soil Science	5	0	0	0	0	0	5
512			Applied Microbiochemistry and Applied Biochemistry	9	0	0	0	0	0	9
513			Biological Productive Chemistry and Bioorganic Chemistry	5	0	0	0	0	0	5
514			Food Science and Nutritional Chemistry	14	3	0	0	0	0	17

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

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
	A		Agricultural Chemistry total	33	3	0	0	0	0	36
521			Forestry	4	0	0	1	0	0	5
522	G		Wood Science	4	0	0	0	0	0	4
			Forestry total	8	0	0	1	0	0	9
531	R		Fisheries in General	3	0	0	0	0	0	3
532			Fisheries Chemistry	2	0	0	0	0	0	2
			Fisheries total	5	0	0	0	0	0	5
541	I		Agricultural Economics	5	1	0	0	0	0	6
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	0	0	0	0	0	2
552	U		Agricultural Machinery	5	1	0	0	0	0	6
553	L		Biological Environment	3	0	0	0	0	0	3
			Agricultural Engineering total	10	1	0	0	0	0	11
561	T		Animal Science and Grassland Science	3	0	0	0	0	0	3
562	U		Applied Animal Science	7	0	0	0	0	0	7
563	R		Basic Veterinary Medicine and Basic Animal Science	11	0	0	0	0	0	11
564			Applied Veterinary Medicine	9	0	0	0	0	0	9
	E		Animal Science·Veterinary Medicine total	30	0	0	0	0	0	30
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	118	5	0	1	0	1	125
601			Anatomy in General (inclu. Histology, Embryology)	14	0	0	0	0	0	14
602			Physiology in General	15	0	0	1	0	0	16
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	11	1	0	0	0	0	12
604			Pharmacology in General	12	0	0	0	0	0	12
605			Medical Chemistry in General	11	0	0	0	0	1	12
606			Pathological Medical Chemistry	8	0	0	0	0	0	8
	M		Physiology total	71	1	0	1	0	1	74
611			Hominal Pathology	15	0	0	0	0	0	15
612	E		Experimental Pathology	12	0	0	0	0	0	12
613	D		Parasitology (inclu. Medical Zoology)	3	0	0	0	0	0	3
614			Bacteriology (inclu. Eumycetes)	9	1	0	0	0	1	11
615	I		Virology	8	0	0	0	0	0	8
616			Immunology	16	0	0	0	0	1	17
	C		Pathology total	63	1	0	0	0	2	66
621			Hygiene	5	0	0	0	0	0	5
622	I		Public Health and Health Science	18	1	0	0	0	1	20
623			Legal Medicine	9	0	0	0	0	0	9
	N		Social Medicine total	32	1	0	0	0	1	34
631			Internal Medicine in General	24	0	0	0	0	1	25
632	E		Gastroenterology	22	0	0	0	0	0	22
633			Internal Medicine Respiratory System	11	1	0	0	0	0	12
634			Neurological Medicine	15	1	0	0	0	0	16
635			Cardioangiopathy	42	1	0	0	0	0	43
636			Pediatrics	19	0	0	0	0	0	19
637			Dermatology	15	0	0	0	0	0	15
638			Radiology	74	3	0	0	0	0	77
639			Neuropsychiatry	16	0	0	0	0	0	16
641			Hematology	16	1	0	0	0	0	17
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	291	7	0	0	0	1	299
651			Surgery in General	21	0	0	0	0	0	21
652			Gastroenterological Surgery	22	1	0	0	0	1	24
653			Thoracic Surgery	17	0	0	0	0	0	17

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	13	0	0	0	0	0	13
655			Orthopedic Surgery	57	0	0	0	0	0	57
656			Anesthesiology and Rescue Medicine	13	0	0	0	0	0	13
657			Urology	18	0	0	0	0	1	19
658			Obstetrics and Gynecology	34	0	0	0	0	0	34
659			Oto-rhino-laryngology	11	0	0	0	0	0	11
660			Ophthalmology	29	0	0	0	0	0	29
661			Pediatric Surgery	7	0	0	0	0	0	7
662			Formative Surgery	8	0	0	0	0	0	8
			Surgery total	250	1	0	0	0	2	253
671	E		Oral Anatomy and Morphological Basic Dentistry	9	0	0	0	0	0	9
672	D		Functional Basic Dentistry	8	0	0	0	0	0	8
673	I		Morbid Dentistry (inclu. Dental Radiology)	3	0	0	0	0	0	3
674	C		Conservative Dentistry	13	0	0	0	0	0	13
675	I		Prosthodontics and Dental Technology	11	0	0	0	0	0	11
676			Oral Surgery	25	1	0	0	0	0	26
677	N		Orthodontics, Pedodontics and Social Dentistry	17	0	0	0	0	0	17
678	E		Periodontological Dentistry	13	0	0	0	0	0	13
			Dentistry total	99	1	0	0	0	0	100
681				Chemical Pharmaceutics	7	1	0	0	0	0
682		Physical Pharmaceutics		8	0	0	0	0	0	8
683		Biopharmaceutics		18	0	0	0	0	0	18
684		Molecular Pharmaceutics		2	0	0	0	0	0	2
685		Environmental Pharmaceutics		5	0	0	0	0	0	5
			Pharmaceutics total	40	1	0	0	0	0	41
691			Medical Sociology	5	0	0	0	0	0	5
692			Human Genetics	3	0	0	0	0	0	3
693			Applied Pharmacology and Medical Pharmacology	7	0	0	0	0	0	7
694			Pathological Examination	10	0	0	0	0	0	10
696			Science of Basic and Local Nursing	6	2	0	0	0	0	8
697			Science of Clinical Nursing	4	0	0	0	0	0	4
			Medicine in General total	35	2	0	0	0	0	37
	MEDICINE Total			881	15	0	1	0	7	904
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)	5	0	0	0	0	0	5
703			Physical Education	14	2	0	0	0	0	16
704			Human Geography	4	0	0	0	0	0	4
705			Physical Geography	0	0	0	0	0	0	0
			Geography total	4	0	0	0	0	0	4
706			Home Science(inclu. Cloth/Living Environments)	8	2	0	0	0	0	10
707			Food Culture	2	1	0	0	0	0	3
			Domestic Science total	10	3	0	0	0	0	13
708			Science of Cultural Property	0	1	0	0	0	0	1
711			Science Education	8	0	0	0	0	0	8
712	A R E A		Educational Engineering	7	1	0	1	1	0	10
713			Curriculum Studies	22	1	0	0	0	0	23
714			Japanese Language Education	4	0	0	0	0	0	4
			Science Education·Curriculum Education total	41	2	0	1	1	0	45
721			Statistics	7	0	0	1	0	0	8
731	I		Computer Science	60	0	1	0	0	0	61
732			Intelligent Informatics	49	0	1	2	0	0	52
733			Study of Information System (Inclu. Library and Information Science)	10	1	0	3	0	0	14
			Information Science total	119	1	2	5	0	0	127
741			Social System Engineering	20	0	0	0	0	0	20
751			Natural Disaster Science	3	0	0	0	0	0	3
761			Plasma Science and Technology	8	0	0	1	0	0	9
772			Nuclear Fusion	5	0	1	0	0	0	6

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		Energy Science General	11	0	1	0	0	0	12
774			Nuclear Power Science	7	0	0	0	0	0	7
	E		Energy total	23	0	2	0	0	0	25
801	R		Environmental Dynamic Analysis	8	0	0	0	0	0	8
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	0	0	0	0	5
803	S		Environmental Preservation	17	0	0	0	0	0	17
			Environmental Science total	30	0	0	0	0	0	30
811	I		Biological Organic Chemistry	8	0	0	0	0	0	8
812			Structured Biochemistry	3	0	0	0	0	0	3
813	P		Functional Biochemistry	7	0	0	0	0	0	7
			Biological Chemistry total	18	0	0	0	0	0	18
821	N		Biophysics	7	0	0	0	0	0	7
822			Molecular Biology	18	0	0	0	0	0	18
823	Y		Cell Biology	13	0	0	1	0	1	15
824			Developmental Biology	6	0	0	0	0	0	6
			Basic Biology total	44	0	0	1	0	1	46
831	A		Neuroanatomy and Neuropathology	5	0	0	0	0	0	5
832			Neurochemistry and Neuropharmacology	2	0	0	0	0	0	2
833	E		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	25	0	0	0	0	0	25
841			Laboratory Animal Science	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	44	3	1	0	0	0	48
	INTERDISCIPLINARY AREA Total			416	12	5	9	1	2	445
999	WIDE AREA Total			116	9	0	1	0	0	126
	Item n.a. Total			1,078	32	11	12	1	6	1,140
	Grand Total			4,360	144	42	48	5	22	4,621

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	119	1	2	122	16,719	960	56	17,735	12,997	1,392	70	14,459	3,443	558	32	4,033
	Municipal	31	3	0	34	2,327	330	5	2,662	1,663	370	15	2,048	874	293	2	1,169
	Private	286	17	2	305	23,577	2,832	98	26,507	10,172	2,440	66	12,678	6,959	2,033	65	9,057
	total	436	21	4	461	42,623	4,122	159	46,904	24,832	4,202	151	29,185	11,276	2,884	99	14,259
Junior Colleges	National	3	0	0	3	93	16	1	110	52	22	3	77	13	12	0	25
	Municipal	14	1	0	15	272	107	3	382	195	143	1	339	96	157	3	256
	Private	133	21	2	156	2,689	1,414	7	4,110	1,509	1,353	2	2,864	981	1,184	10	2,175
	total	150	22	2	174	3,054	1,537	11	4,602	1,756	1,518	6	3,280	1,090	1,353	13	2,456
Colleges of Technology	National	7	0	0	7	1,429	16	4	1,449	1,360	58	5	1,423	377	36	1	414
	Municipal	0	0	0	0	142	1	0	143	89	7	0	96	44	8	0	52
	Private	1	0	0	1	61	0	0	61	43	2	0	45	36	3	0	39
	total	8	0	0	8	1,632	17	4	1,653	1,492	67	5	1,564	457	47	1	505
Inter-University Research Institutes		1	0	0	1	296	9	11	316	287	38	9	334	3	0	0	3
Government Research Institutes		0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0
Private Scientific Research Institutes		0	0	0	0	7	1	0	8	3	0	0	3	2	1	0	3
Grand Total	National	130	1	2	133	18,539	1,001	72	19,612	14,696	1,510	87	16,293	3,836	606	33	4,475
	Municipal	45	4	0	49	2,741	438	8	3,187	1,947	520	16	2,483	1,014	458	5	1,477
	Private	420	38	4	462	26,334	4,247	105	30,686	11,727	3,795	68	15,590	7,978	3,221	75	11,274
	total	595	43	6	644	47,614	5,686	185	53,485	28,370	5,825	171	34,366	12,828	4,285	113	17,226

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	10,819	1,827	90	12,736	583	161	8	752	10,751	3,420	124	14,295	776	229	7	1,012
	Municipal	1,252	478	14	1,744	109	23	0	132	434	154	1	589	11	6	0	17
	Private	5,393	2,364	64	7,821	916	252	10	1,178	2,613	1,293	44	3,950	53	17	0	70
	total	17,464	4,669	168	22,301	1,608	436	18	2,062	13,798	4,867	169	18,834	840	252	7	1,099
Junior Colleges	National	29	25	1	55	0	0	0	0	0	0	0	0	0	0	0	0
	Municipal	26	138	1	165	3	1	0	4	0	0	0	0	0	0	0	0
	Private	81	477	6	564	78	40	0	118	2	0	0	2	0	1	0	1
	total	136	640	8	784	81	41	0	122	2	0	0	2	0	1	0	1
Colleges of Technology	National	395	42	2	439	36	2	0	38	2	1	0	3	1	0	0	1
	Municipal	7	1	0	8	2	0	0	2	0	0	0	0	0	0	0	0
	Private	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
	total	410	43	2	455	38	2	0	40	2	1	0	3	1	0	0	1
Inter-University Research Institutes		369	34	14	417	36	1	1	38	29	1	0	30	74	11	2	87
Government Research Institutes		0	0	0	0	274	53	0	327	0	0	0	0	0	0	0	0
Private Scientific Research Institutes		2	0	0	2	593	145	6	744	0	0	0	0	7	2	0	9
Grand Total	National	11,612	1,928	107	13,647	929	217	9	1,155	10,782	3,422	124	14,328	851	240	9	1,100
	Municipal	1,285	617	15	1,917	114	24	0	138	434	154	1	589	11	6	0	17
	Private	5,484	2,841	70	8,395	1,587	437	16	2,040	2,615	1,293	44	3,952	60	20	0	80
	total	18,381	5,386	192	23,959	2,630	678	25	3,333	13,831	4,869	169	18,869	922	266	9	1,197

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	555	136	9,500	10,191	56,762	8,684	9,889	75,335
	Municipal	44	12	1,167	1,223	6,745	1,669	1,204	9,618
	Private	363	111	7,559	8,033	50,332	11,359	7,908	69,599
	total	962	259	18,226	19,447	113,839	21,712	19,001	154,552
Junior Colleges	National	1	1	49	51	191	76	54	321
	Municipal	4	1	164	169	610	548	172	1,330
	Private	30	39	468	537	5,503	4,529	495	10,527
	total	35	41	681	757	6,304	5,153	721	12,178
Colleges of Technology	National	16	2	71	89	3,623	157	83	3,863
	Municipal	0	0	1	1	284	17	1	302
	Private	1	0	1	2	150	5	1	156
	total	17	2	73	92	4,057	179	85	4,321
Inter-University Research Institutes		17	1	612	630	1,112	95	649	1,856
Government Research Institutes		0	2	21	23	276	55	21	352
Private Scientific Research Institutes		27	5	111	143	641	154	117	912
Grand Total	National	589	142	10,253	10,984	61,964	9,067	10,696	81,727
	Municipal	48	13	1,332	1,393	7,639	2,234	1,377	11,250
	Private	421	155	8,139	8,715	56,626	16,047	8,521	81,194
	total	1,058	310	19,724	21,092	126,229	27,348	20,594	174,171

Table 58. Last Degree Course Completed by Institution Type

Organizations		Total	Graduate School				Faculty at Universities	Others (inclu. Unknown)	Country		
			Doctral course	Master's course	Unknown	total			Japan	Foreign Countries	Unknown
Universities	National	75,335	29,236	21,930	871	52,037	11,170	12,128	45,155	1,808	28,372
	Municipal	9,618	3,808	2,342	116	6,266	1,819	1,533	5,958	222	3,438
	Private	69,599	27,068	16,090	865	44,023	15,968	9,608	39,243	2,213	28,143
	total	154,552	60,112	40,362	1,852	102,326	28,957	23,269	90,356	4,243	59,953
Junior Colleges	National	321	67	103	5	175	73	73	196	3	122
	Municipal	1,330	362	372	19	753	328	249	759	14	557
	Private	10,527	2,201	2,925	133	5,259	3,514	1,754	5,731	278	4,518
	total	12,178	2,630	3,400	157	6,187	3,915	2,076	6,686	295	5,197
Colleges of Technology	National	3,863	1,205	1,485	26	2,716	866	281	2,667	25	1,171
	Municipal	302	115	125	2	242	53	7	201	1	100
	Private	156	25	49	4	78	65	13	91	4	61
	total	4,321	1,345	1,659	32	3,036	984	301	2,959	30	1,332
Inter-University Research Institutes		1,856	767	165	61	993	60	803	745	24	1,087
Government Research Institutes		352	158	133	3	294	36	22	269	10	73
Private Scientific Research Institutes		912	231	183	29	443	301	168	504	9	399
Grand Total	National	81,727	31,433	23,816	966	56,215	12,205	13,307	49,032	1,870	30,825
	Municipal	11,250	4,285	2,839	137	7,261	2,200	1,789	6,918	237	4,095
	Private	81,194	29,525	19,247	1,031	49,803	19,848	11,543	45,569	2,504	33,121
	total	174,171	65,243	45,902	2,134	113,279	34,253	26,639	101,519	4,611	68,041

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	97	13,278	10,510	2,999	8,550	367	182	759	362	37,104
	Municipal	28	1,741	1,286	750	878	49	7	10	28	4,777
	Private	180	13,199	5,767	4,965	3,444	501	40	39	192	28,327
	total	305	28,218	17,563	8,714	12,872	917	229	808	582	70,208
Junior Colleges	National	2	69	34	4	10	0	0	0	1	120
	Municipal	7	160	107	41	16	2	0	0	1	334
	Private	62	896	359	172	15	22	0	0	3	1,529
	total	71	1,125	500	217	41	24	0	0	5	1,983
Colleges of Technology	National	6	842	687	147	176	30	0	1	8	1,897
	Municipal	0	63	45	29	2	2	0	0	0	141
	Private	0	15	6	8	0	0	0	0	0	29
	total	6	920	738	184	178	32	0	1	8	2,067
Inter-University Research Institutes		1	281	267	1	324	25	1	53	60	1,013
Government Research Institutes		0	1	0	0	0	104	0	0	1	106
Private Scientific Research Institutes		0	3	0	1	1	335	0	8	29	377
Grand Total	National	106	14,471	11,498	3,151	9,060	526	183	813	432	40,240
	Municipal	35	1,964	1,438	820	896	53	7	10	29	5,252
	Private	242	14,113	6,132	5,146	3,460	858	40	47	224	30,262
	total	383	30,548	19,068	9,117	13,416	1,437	230	870	685	75,754

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	3	1,418	1,412	320	838	50	501	128	6	4,676
	Municipal	1	188	174	75	71	3	16	3	0	531
	Private	9	1,743	830	444	202	77	117	11	4	3,437
	total	13	3,349	2,416	839	1,111	130	634	142	10	8,644
Junior Colleges	National	0	18	12	2	6	0	0	0	0	38
	Municipal	1	16	21	9	2	0	0	0	0	49
	Private	1	132	96	43	3	4	0	0	0	279
	total	2	166	129	54	11	4	0	0	0	366
Colleges of Technology	National	0	27	41	16	8	1	0	0	0	93
	Municipal	0	3	2	1	0	0	0	0	0	6
	Private	0	1	0	2	0	0	0	0	0	3
	total	0	31	43	19	8	1	0	0	0	102
Inter-University Research Institutes		0	33	47	0	46	0	1	5	0	132
Government Research Institutes		0	0	0	0	0	48	0	1	0	49
Private Scientific Research Institutes		0	1	0	1	0	26	0	0	0	28
Grand Total	National	3	1,496	1,512	338	898	99	502	134	6	4,988
	Municipal	2	207	197	85	73	3	16	3	0	586
	Private	10	1,877	926	490	205	107	117	11	4	3,747
	total	15	3,580	2,635	913	1,176	209	635	148	10	9,321

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	15	3,036	2,496	642	1,929	103	1,262	208	129	9,820
	Municipal	12	372	312	175	240	3	32	3	12	1,161
	Private	24	3,065	1,442	1,078	732	88	311	12	71	6,823
	total	51	6,473	4,250	1,895	2,901	194	1,605	223	212	17,804
Junior Colleges	National	0	20	10	3	8	0	0	0	0	41
	Municipal	1	20	22	11	2	1	0	0	2	59
	Private	12	163	111	74	18	11	0	0	2	391
	total	13	203	143	88	28	12	0	0	4	491
Colleges of Technology	National	1	102	140	45	56	5	0	0	4	353
	Municipal	0	9	5	2	0	0	0	0	0	16
	Private	0	3	2	3	1	0	0	0	0	9
	total	1	114	147	50	57	5	0	0	4	378
Inter-University Research Institutes		0	83	77	1	69	3	0	6	9	248
Government Research Institutes		0	0	0	0	0	17	0	0	0	17
Private Scientific Research Institutes		0	0	2	1	1	52	0	1	6	63
Grand Total	National	16	3,241	2,723	691	2,062	128	1,262	214	142	10,479
	Municipal	13	401	339	188	242	4	32	3	14	1,236
	Private	36	3,231	1,557	1,156	752	151	311	13	79	7,286
	total	65	6,873	4,619	2,035	3,056	283	1,605	230	235	19,001

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	915	769	3,207	490	1,651	2,736	3,143	9,820
	Municipal	98	91	275	41	361	196	461	1,161
	Private	730	658	726	240	3,189	731	2,413	6,823
	total	1,743	1,518	4,208	771	5,201	3,663	6,017	17,804
Junior Colleges	National	3	1	11	2	4	13	16	41
	Municipal	6	2	5	2	11	9	36	59
	Private	28	35	28	10	154	32	189	391
	total	37	38	44	14	169	54	241	491
Colleges of Technology	National	13	12	86	10	43	124	142	353
	Municipal	0	0	7	0	2	4	7	16
	Private	0	0	0	0	4	1	4	9
	total	13	12	93	10	49	129	153	378
Inter-University Research Institutes		24	25	146	14	65	51	32	248
Government Research Institutes		3	1	3	3	6	2	6	17
Private Scientific Research Institutes		9	6	15	5	22	10	8	63
Grand Total	National	958	808	3,453	519	1,769	2,926	3,339	10,479
	Municipal	104	93	287	43	374	209	504	1,236
	Private	767	699	769	255	3,369	774	2,614	7,286
	total	1,829	1,600	4,509	817	5,512	3,909	6,457	19,001

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	14	2,834	2,440	635	1,927	101	1,273	219	138	9,581
	Municipal	12	322	278	152	232	3	33	3	12	1,047
	Private	17	2,594	1,259	1,007	704	70	252	13	63	5,979
	total	43	5,750	3,977	1,794	2,863	174	1,558	235	213	16,607
Junior Colleges	National	0	16	10	2	8	0	0	0	0	36
	Municipal	1	15	21	10	4	1	0	0	2	54
	Private	9	123	85	61	15	6	0	0	1	300
	total	10	154	116	73	27	7	0	0	3	390
Colleges of Technology	National	1	104	145	43	59	4	0	0	5	361
	Municipal	0	8	7	2	0	0	0	0	0	17
	Private	0	3	3	6	1	0	0	0	0	13
	total	1	115	155	51	60	4	0	0	5	391
Inter-University Research Institutes		0	77	76	1	69	3	0	5	10	241
Government Research Institutes		0	0	0	0	0	16	0	0	0	16
Private Scientific Research Institutes		0	0	1	1	1	46	0	1	7	57
Grand Total	National	15	3,031	2,671	681	2,063	124	1,273	224	153	10,235
	Municipal	13	345	306	164	236	4	33	3	14	1,118
	Private	26	2,720	1,348	1,075	721	122	252	14	71	6,349
	total	54	6,096	4,325	1,920	3,020	250	1,558	241	238	17,702

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	908	767	3,139	460	1,628	2,702	2,844	9,581
	Municipal	92	79	246	37	324	173	393	1,047
	Private	680	593	674	194	2,858	633	1,810	5,979
	total	1,680	1,439	4,059	691	4,810	3,508	5,047	16,607
Junior Colleges	National	3	1	12	1	4	9	15	36
	Municipal	7	2	6	2	12	6	32	54
	Private	27	35	25	8	116	22	127	300
	total	37	38	43	11	132	37	174	390
Colleges of Technology	National	13	11	80	9	49	138	145	361
	Municipal	0	0	6	0	2	5	9	17
	Private	0	0	0	0	9	2	3	13
	total	13	11	86	9	60	145	157	391
Inter-University Research Institutes		24	24	140	14	62	47	27	241
Government Research Institutes		4	1	5	3	4	1	6	16
Private Scientific Research Institutes		6	5	13	4	23	11	5	57
Grand Total	National	952	804	3,376	487	1,747	2,897	3,037	10,235
	Municipal	99	81	258	39	338	184	434	1,118
	Private	713	633	712	206	3,006	668	1,945	6,349
	total	1,764	1,518	4,346	732	5,091	3,749	5,416	17,702

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	19,674	10,611	10,998	11,794	8,659	6,351	3,159	1,745	2,344	75,335
	Municipal	2,125	965	1,251	1,667	1,234	1,096	548	293	439	9,618
	Private	14,266	8,186	10,117	11,948	9,377	7,116	3,697	1,978	2,914	69,599
	total	36,065	19,762	22,366	25,409	19,270	14,563	7,404	4,016	5,697	154,552
Junior Colleges	National	73	31	43	54	51	25	21	9	14	321
	Municipal	306	105	156	251	193	169	77	36	37	1,330
	Private	2,159	1,592	1,733	1,876	1,294	916	478	230	249	10,527
	total	2,538	1,728	1,932	2,181	1,538	1,110	576	275	300	12,178
Colleges of Technology	National	336	843	1,017	841	450	197	102	39	38	3,863
	Municipal	20	50	75	81	42	25	4	1	4	302
	Private	38	52	33	16	11	4	1	0	1	156
	total	394	945	1,125	938	503	226	107	40	43	4,321
Inter-University Research Institutes		929	275	266	204	68	60	22	14	18	1,856
Government Research Institutes		46	37	62	62	58	48	18	9	12	352
Private Scientific Research Institutes		309	117	170	114	86	54	23	17	22	912
Grand Total	National	21,058	11,797	12,386	12,955	9,286	6,681	3,322	1,816	2,426	81,727
	Municipal	2,451	1,120	1,482	1,999	1,469	1,290	629	330	480	11,250
	Private	16,772	9,947	12,053	13,954	10,768	8,090	4,199	2,225	3,186	81,194
	total	40,281	22,864	25,921	28,908	21,523	16,061	8,150	4,371	6,092	174,171

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	59,006	10,914	3,785	1,100	339	116	39	17	19	75,335
	Municipal	7,576	1,368	474	130	43	17	7	1	2	9,618
	Private	56,154	8,984	3,042	943	295	110	46	15	10	69,599
	total	122,736	21,266	7,301	2,173	677	243	92	33	31	154,552
Junior Colleges	National	282	29	8	2	0	0	0	0	0	321
	Municipal	1,211	93	21	2	1	1	1	0	0	1,330
	Private	9,782	583	112	30	15	3	2	0	0	10,527
	total	11,275	705	141	34	16	4	3	0	0	12,178
Colleges of Technology	National	3,458	342	48	9	5	1	0	0	0	3,863
	Municipal	273	27	1	1	0	0	0	0	0	302
	Private	143	12	0	1	0	0	0	0	0	156
	total	3,874	381	49	11	5	1	0	0	0	4,321
Inter-University Research Institutes		1,534	221	78	14	4	3	0	1	1	1,856
Government Research Institutes		263	55	23	5	4	1	1	0	0	352
Private Scientific Research Institutes		809	75	16	9	1	1	0	1	0	912
Grand Total	National	64,543	11,561	3,942	1,130	352	121	40	18	20	81,727
	Municipal	9,060	1,488	496	133	44	18	8	1	2	11,250
	Private	66,888	9,654	3,170	983	311	114	48	16	10	81,194
	total	140,491	22,703	7,608	2,246	707	253	96	35	32	174,171