

Table 41. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
211	ARTS • HUMANITIES		Philosophy	1	0	0	1
212			Chinese Philosophy	2	1	0	3
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	1	0	0	1
215			Ethics	1	0	0	1
216			History of Philosophy	1	1	0	2
217			Aesthetics (inclu. Arts)	3	1	0	4
218			Art History	0	1	0	1
			Philosophy total	9	4	0	13
221			Experimental Psychology	8	1	0	9
222			Educational and Social	8	1	0	9
223			Sociology	16	1	0	17
224			Education	9	0	0	9
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	1	0	4
			Psychology • Sociology • Education Cultural Anthropology total	44	4	0	48
231			Japanese History	1	1	0	2
232			Oriental History	5	0	0	5
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	6	1	0	7
241			Japanese Language	0	0	0	0
242			Japanese Literature	1	0	0	1
243			Chinese Language and Literature	2	1	0	3
244			English Language and Literature	13	1	0	14
245			French Language and Literature	1	0	0	1
246			German Language and Literature	1	0	0	1
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	4	2	0	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	23	4	0	27
			ARTS • HUMANITIES Total	82	13	0	95
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	1	0	0	1
263			International Law	4	0	0	4
264			Civil Law	1	0	0	1
265			Social Law	2	0	0	2
266			Criminal Law	0	0	0	0
267			Politics	6	0	0	6
			LAW Total	14	0	0	14
271	ECONOMICS		General Theory of Economics	9	2	0	11
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	5	1	0	6
274			Economic History	1	0	0	1
275			Public Finance, Money and Banking	3	1	0	4
276			Commercial Science	2	0	0	2
277			Business Administration	7	0	0	7
278			Accounting	1	0	0	1
			ECONOMICS Total	28	4	0	32
301	SCIENCE		Algebra	7	0	0	7
302			Geometry	5	0	0	5
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	11	0	0	11
305			Basic Analysis	4	0	0	4
306			Larger-area Analysis	2	0	0	2
			Mathematics total	29	0	0	29
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	8	0	1	9

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Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	5	0	0	5
323			Solid-State Physics II (Magnetism, Metal Physics,	14	0	0	14
324			Physical Properties in General (inclu. Basic Theories)	5	0	0	5
325			Physics in General	9	0	1	10
			Physics total	41	0	2	43
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	2	1	0	3
333			Aeronomy	0	0	0	0
334			Geology	1	0	0	1
335			Stratigraphy and Paleontology	1	0	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	1	0	0	1
337			Geochemistry	2	0	0	2
			Earth Science total	7	1	0	8
341			Physical Chemistry	17	1	0	18
342			Organic Chemistry	19	0	0	19
343			Inorganic Chemistry	7	0	0	7
344			Function, Properties and Materials in Chemistry	4	1	1	6
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	5	0	0	5
			Chemistry total	53	2	1	56
351			Genetics	8	0	0	8
352			Ecology	9	0	0	9
353			Plant Physiology	12	0	0	12
354			Morphology, Structure of Organism	1	0	0	1
355			Animal Physiology and	5	0	0	5
356			Morphology and Taxonomy	2	0	0	2
			Biology total	37	0	0	37
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
			SCIENCE Total	169	3	3	175
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	6	0	2	8
402			Surface Physics	1	0	0	1
403			Applied Optics and Quantum Optics	10	0	0	10
404			General Applied Physics	3	0	0	3
405			Fundamentals of Engineering	1	0	0	1
			Applied Physics-Fundamentals of Engineering total	21	0	2	23
411			Materials for Machines and Strength of Materials	11	0	1	12
412			Workshop Processes and Production Engineering	17	0	5	22
413			Design Engineering, Machine Elements and Tribology	2	0	2	4
414			Fluid Mechanics	8	0	3	11
415			Heat Engineering	7	0	1	8
416			Mechanics and Control Engineering	7	0	3	10
417			Intelligent Mechanics and Machine System	10	0	0	10
			Machine Engineering total	62	0	15	77
421			Electric Power Engineering and Electric Machinery	12	0	4	16
422			Electronic and Electric Materials Engineering	13	0	0	13
423			Electron Devices and Apparatus Engineering	15	0	0	15
424			Information and Communication Engineering	32	2	0	34

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Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Total
425			System Engineering	6	0	0	6
427			Electronic Measurements	4	0	1	5
428			Control Engineering	16	0	5	21
			Electric and Electronic Engineering	98	2	10	110
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	4	0	0	4
433			Ground Engineering	1	0	0	1
434			Hydraulics and River Engineering	4	0	1	5
435			Traffic Engineering and Regional Planning	2	0	0	2
436			Civil Environmental System	3	0	0	3
			Civil Engineering total	14	0	1	15
441	E		Building Structure and Materials	13	0	0	13
442	N		Building Science and Building Equipment	7	2	1	10
443	G		City Planning and Building Planning	4	0	0	4
444	I		Architectural History and Design	1	0	0	1
			Architecture total	25	2	1	28
451	N		Physical Metallurgy	4	0	0	4
452			Inorganic Materials and	4	0	0	4
453	E		Composed Materials and Properties	5	0	1	6
454	E		Structural and Functional Materials	4	0	0	4
455	R		Metallurgy and Material	3	0	0	3
456			Metal Productive Engineering	1	0	0	1
			Material Engineering total	21	0	1	22
461	I		Chemical Engineering in General	3	0	0	3
462	N		Reaction and Separation Engineering	8	0	0	8
463			Catalyst and Chemical Process	2	0	0	2
464	G		Bioengineering	4	0	0	4
465			Industrial Analytical Chemistry	3	0	0	3
			Process Engineering total	20	0	0	20
471			Industrial Physical Chemistry	8	0	1	9
472			Industrial Inorganic Chemistry	2	0	0	2
473			Industrial Organic Chemistry	3	0	0	3
474			Synthetic Chemistry	7	0	0	7
475			Polymer Synthesis	9	0	0	9
476			Polymer Structure and Property (inclu. Fiber)	4	1	0	5
			Industrial Chemistry total	33	1	1	35
481			Aeronautics	6	0	0	6
482			Ship Engineering	2	0	0	2
483			Marine Engineering	3	0	0	3
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	11	0	0	11
			ENGINEERING Total	305	5	31	341
501	A		Plant Breeding	3	1	0	4
502	G		Crop Science	2	0	0	2
503	R		Horticulture and Landscape Architecture	6	0	0	6
504	I		Plant Protection	2	1	0	3
505	C		Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	13	2	0	15
511	U		Plant Fertilizer and Manure and Soil Science	2	0	0	2
512	R		Applied Microbiochemistry and Applied Biochemistry	9	0	0	9
513			Biological Productive Chemistry and Bioorganic Chemistry	3	0	0	3
514			Food Science and Nutritional Chemistry	11	1	0	12

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Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
	A		Agricultural Chemistry total	25	1	0	26
521			Forestry	1	0	0	1
522	G		Wood Science	3	0	0	3
			Forestry total	4	0	0	4
531	R		Fisheries in General	3	0	0	3
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	4	0	0	4
541	I		Agricultural Economics	2	1	0	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	2	0	2
552	U		Agricultural Machinery	1	0	0	1
553	L		Biological Environment	3	0	0	3
			Agricultural Engineering total	4	2	0	6
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	2	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	2	0	0	2
564			Applied Veterinary Medicine	0	0	0	0
	E		Animal Science·Veterinary Medicine total	4	0	0	4
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	1	0	1	2
			Interdisciplinary Agricultural Science total	1	0	1	2
			AGRICULTURE Total	57	6	1	64
601			Anatomy in General (inclu. Histology, Embryology)	5	0	0	5
602			Physiology in General	11	1	0	12
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	11	0	0	11
604			Pharmacology in General	7	0	0	7
605			Medical Chemistry in General	8	1	0	9
606			Pathological Medical Chemistry	3	0	0	3
			Physiology total	45	2	0	47
611	M		Hominal Pathology	7	1	0	8
612			Experimental Pathology	8	0	0	8
613	E		Parasitology (inclu. Medical Zoology)	3	0	0	3
614	D		Bacteriology (inclu. Eumycetes)	9	0	0	9
615			Virology	7	0	0	7
616	I		Immunology	4	1	0	5
			Pathology total	38	2	0	40
621	C		Hygiene	5	1	0	6
622			Public Health and Health Science	12	1	0	13
623	I		Legal Medicine	2	0	0	2
			Social Medicine total	19	2	0	21
631	N		Internal Medicine in General	9	0	0	9
632	E		Gastroenterology	18	0	0	18
633			Internal Medicine Respiratory System	11	0	0	11
634			Neurological Medicine	3	0	0	3
635			Cardioangiopathy	17	0	0	17
636			Pediatrics	13	0	0	13
637			Dermatology	10	0	0	10
638			Radiology	12	0	0	12
639			Neuropsychiatry	7	0	0	7
641			Hematology	10	1	0	11
642			Internal Medicine of Kidney	6	1	0	7
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	2	0	0	2
645			Metabolic Science	5	1	0	6
			Internal Medicine total	123	3	0	126
651			Surgery in General	5	0	0	5
652			Gastroenterological Surgery	14	0	0	14
653			Thoracic Surgery	2	0	0	2

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Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Total
654	M		Neurosurgery	12	0	0	12
655			Orthopedic Surgery	30	2	0	32
656			Anesthesiology and Rescue Medicine	19	0	0	19
657			Urology	16	0	0	16
658			Obstetrics and Gynecology	13	0	0	13
659			Oto-rhino-laryngology	12	0	0	12
660			Ophthalmology	6	0	0	6
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	1	0	0	1
			Surgery total	130	2	0	132
671	E	D	Oral Anatomy and Morphological Basic Dentistry	2	0	0	2
672	Functional Basic Dentistry		2	0	0	2	
673	Morbid Dentistry (inclu. Dental Radiology)		3	0	0	3	
674	Conservative Dentistry		4	0	0	4	
675	Prosthodontics and Dental Technology		1	0	0	1	
676	Oral Surgery		14	0	0	14	
677	Orthodontics, Pedodontics and Social Dentistry		4	0	0	4	
678	Periodontological Dentistry		2	0	0	2	
	Dentistry total		32	0	0	32	
681	E			Chemical Pharmaceutics	9	0	0
682		Physical Pharmaceutics		9	0	0	9
683		Biopharmaceutics		16	0	0	16
684		Molecular Pharmaceutics		3	0	0	3
685		Environmental Pharmaceutics		0	0	0	0
		Pharmaceutics total	37	0	0	37	
691			Medical Sociology	0	0	0	0
692			Human Genetics	1	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	2	2	0	4
696	Science of Basic and Local Nursing		7	0	0	7	
697	Science of Clinical Nursing		18	4	0	22	
	Medicine in General total	28	6	0	34		
	MEDICINE Total			452	17	0	469
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)	2	0	0	2
703			Physical Education	9	1	0	10
704			Human Geography	6	0	0	6
705				Physical Geography	6	0	0
			Geography total	12	0	0	12
706			Home Science(inclu. Cloth/Living Environments)	4	4	0	8
707				Food Culture	3	1	0
			Domestic Science total	7	5	0	12
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712	Educational Engineering	3		0	0	3	
713	Curriculum Studies	1		0	0	1	
714	Japanese Language Education	1		0	0	1	
	Science Education·Curriculum Education total	5	0	0	5		
721	Statistics	2	0	0	2		
731	Computer Science	12	0	0	12		
732		Intelligent Informatics	17	0	0	17	
733	I		Study of Information System (Inclu. Library and Information Science)	6	0	0	6
			Information Science total	35	0	0	35
741		Social System Engineering	13	1	0	14	
751		Natural Disaster Science	1	0	0	1	
761		Plasma Science and Technology	6	0	0	6	
772		Nuclear Fusion	0	0	0	0	

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Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
773	Nuclear Energy Research Division Sciences		Energy Science General	4	0	0	4
774			Nuclear Power Science	0	0	0	0
		Energy total	4	0	0	4	
801			Environmental Dynamic Analysis	6	0	0	6
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	0	5
803			Environmental Preservation	4	0	0	4
		Environmental Science total	15	0	0	15	
811			Biological Organic Chemistry	4	0	0	4
812			Structured Biochemistry	5	0	0	5
813			Functional Biochemistry	5	1	0	6
		Biological Chemistry total	14	1	0	15	
821			Biophysics	9	0	0	9
822			Molecular Biology	6	0	0	6
823			Cell Biology	8	0	0	8
824			Developmental Biology	3	0	0	3
	Basic Biology total	26	0	0	26		
831	AREA		Neuroanatomy and Neuropathology	7	0	0	7
832			Neurochemistry and Neuropharmacology	6	0	0	6
833			Neuro Science in General	4	0	0	4
834			Neuro and Muscular Physiology	2	0	0	2
		Neuro Science (inclu. Brain Science) total	19	0	0	19	
841			Laboratory Animal Science	0	0	0	0
851	Medical Organism Engineering and Material Science of Organism		3	0	1	4	
	INTERDISCIPLINARY AREA Total			173	8	1	182
999	WIDE AREA Total			10	0	0	10
	Item n.a. Total			10	0	0	10
	Grand Total			1,300	56	36	1,392

Table 42. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	26	1	0	0	27
212			Chinese Philosophy	10	2	0	0	12
213			Indian Philosophy (inclu. Buddhist Studies)	21	6	0	0	27
214			Religion	22	1	0	0	23
215			Ethics	6	0	0	0	6
216			History of Philosophy	10	0	0	0	10
217			Aesthetics (inclu. Arts)	43	12	0	0	55
218			Art History	9	0	0	0	9
			Philosophy total	147	22	0	0	169
221			Experimental Psychology	73	5	0	0	78
222			Educational and Social	107	15	0	0	122
223			Sociology	89	9	0	0	98
224			Education	50	12	0	0	62
225			Cultural Anthropology (inclu. Ethnology and Folklore)	43	0	0	1	44
			Psychology • Sociology • Education Cultural Anthropology total	362	41	0	1	404
231			Japanese History	18	0	0	1	19
232			Oriental History	37	2	0	0	39
233			European History	19	0	0	0	19
234			Archaeology (inclu. Prehistory)	12	0	0	0	12
			History total	86	2	0	1	89
241			Japanese Language	14	0	0	0	14
242			Japanese Literature	33	3	0	0	36
243			Chinese Language and Literature	42	2	0	0	44
244			English Language and Literature	101	12	0	0	113
245			French Language and Literature	14	0	0	0	14
246			German Language and Literature	17	0	0	0	17
247			Other Foreign Languages and Literatures	32	3	0	0	35
248			Linguistics and Phonetics	94	9	0	0	103
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	17	0	0	0	17
			Literature total	364	29	0	0	393
			ARTS • HUMANITIES Total	959	94	0	2	1,055
261	LAW		Basic Science of Law	7	1	0	0	8
262			Public Law	14	0	0	0	14
263			International Law	16	0	0	0	16
264			Civil Law	23	0	0	0	23
265			Social Law	7	0	0	0	7
266			Criminal Law	6	1	0	0	7
267			Politics	79	1	0	0	80
			LAW Total	152	3	0	0	155
271	ECONOMICS		General Theory of Economics	65	2	0	0	67
272			Economical Statistics	14	2	0	1	17
273			Economic Policy (inclu. Economic Condition)	81	2	0	1	84
274			Economic History	19	0	0	0	19
275			Public Finance, Money and Banking	21	2	0	0	23
276			Commercial Science	19	1	0	0	20
277			Business Administration	81	2	0	0	83
278			Accounting	22	0	0	0	22
			ECONOMICS Total	322	11	0	2	335
301	SCIENCE		Algebra	21	0	0	0	21
302			Geometry	30	1	0	0	31
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	51	2	0	0	53
305			Basic Analysis	30	0	0	1	31
306			Larger-area Analysis	21	1	0	0	22
			Mathematics total	153	4	0	1	158
311			Astronomy	5	0	0	0	5
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	60	5	0	0	65

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Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	47	0	0	0	47
323			Solid-State Physics II (Magnetism, Metal Physics,	39	0	0	0	39
324			Physical Properties in General (inclu. Basic Theories)	28	3	0	0	31
325			Physics in General	29	1	0	0	30
			Physics total	203	9	0	0	212
331			Physics of Solid Earth	9	0	0	0	9
332			Meteorology, Oceanography and Hydrology	15	0	0	0	15
333			Aeronomy	6	0	0	0	6
334			Geology	5	0	0	1	6
335			Stratigraphy and Paleontology	6	0	0	2	8
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	0	6
337			Geochemistry	7	0	0	0	7
			Earth Science total	54	0	0	3	57
341			Physical Chemistry	74	2	0	1	77
342			Organic Chemistry	46	0	0	7	53
343			Inorganic Chemistry	43	0	0	0	43
344			Function, Properties and Materials in Chemistry	35	1	0	0	36
345			Substance Transformation	3	0	0	1	4
346			Separation, Refining and Identification	25	0	0	0	25
			Chemistry total	226	3	0	9	238
351			Genetics	6	0	0	0	6
352			Ecology	17	3	0	4	24
353			Plant Physiology	22	1	0	0	23
354			Morphology, Structure of Organism	14	1	0	1	16
355			Animal Physiology and	14	1	0	0	15
356			Morphology and Taxonomy	10	1	0	2	13
			Biology total	83	7	0	7	97
361			Physical Anthropology (inclu. Physiological Anthropology)	9	1	0	0	10
			SCIENCE Total	733	24	0	20	777
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	32	0	0	0	32
402			Surface Physics	19	0	0	1	20
403			Applied Optics and Quantum Optics	37	1	0	2	40
404			General Applied Physics	4	0	0	3	7
405			Fundamentals of Engineering	10	1	0	0	11
			Applied Physics-Fundamentals of Engineering total	102	2	0	6	110
411			Materials for Machines and Strength of Materials	61	2	0	0	63
412			Workshop Processes and Production Engineering	53	0	0	0	53
413			Design Engineering, Machine Elements and Tribology	22	0	0	0	22
414			Fluid Mechanics	64	2	0	0	66
415			Heat Engineering	55	1	0	0	56
416			Mechanics and Control Engineering	47	2	1	0	50
417			Intelligent Mechanics and Machine System	38	0	0	0	38
			Machine Engineering total	340	7	1	0	348
421			Electric Power Engineering and Electric Machinery	68	2	2	0	72
422			Electronic and Electric Materials Engineering	81	2	0	1	84
423			Electron Devices and Apparatus Engineering	64	1	0	0	65
424			Information and Communication Engineering	155	3	4	0	162

Table 42. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
425	E		System Engineering	39	0	0	0	39
427			Electronic Measurements	35	2	1	0	38
428			Control Engineering	20	1	0	0	21
			Electric and Electronic Engineering	462	11	7	1	481
431			Construction Materials and Dynamics in General Civil Engineering	20	0	0	0	20
432			Structural Engineering and Seismology	28	3	0	0	31
433			Ground Engineering	20	1	0	0	21
434			Hydraulics and River Engineering	31	1	0	0	32
435			Traffic Engineering and Regional Planning	32	1	0	0	33
436			Civil Environmental System	17	0	0	0	17
			Civil Engineering total	148	6	0	0	154
441		N	Building Structure and Materials	59	0	0	0	59
442			Building Science and Building Equipment	40	0	0	0	40
443		G	City Planning and Building Planning	42	2	0	0	44
444		I	Architectural History and Design	20	1	0	0	21
			Architecture total	161	3	0	0	164
451		N	Physical Metallurgy	14	1	0	0	15
452			Inorganic Materials and	35	1	0	1	37
453		E	Composed Materials and Properties	12	0	0	0	12
454		E	Structural and Functional Materials	11	2	1	1	15
455		R	Metallurgy and Material	20	4	0	0	24
456			Metal Productive Engineering	7	1	0	0	8
			Material Engineering total	99	9	1	2	111
461		G	Chemical Engineering in General	14	1	0	0	15
462			Reaction and Separation Engineering	8	0	0	0	8
463			Catalyst and Chemical Process	11	0	0	0	11
464			Bioengineering	14	0	0	0	14
465			Industrial Analytical Chemistry	10	0	0	0	10
			Process Engineering total	57	1	0	0	58
471			Industrial Physical Chemistry	14	0	0	0	14
472			Industrial Inorganic Chemistry	8	0	0	0	8
473			Industrial Organic Chemistry	17	0	0	0	17
474			Synthetic Chemistry	20	1	0	0	21
475			Polymer Synthesis	25	0	0	0	25
476			Polymer Structure and Property (inclu. Fiber)	18	0	0	0	18
			Industrial Chemistry total	102	1	0	0	103
481			Aeronautics	7	1	0	0	8
482			Ship Engineering	1	1	0	0	2
483			Marine Engineering	8	0	0	0	8
484			Resource Development Engineering	5	0	0	0	5
			Synthetic Engineering total	21	2	0	0	23
			ENGINEERING Total	1,492	42	9	9	1,552
501	A G R I C U L T U R E		Plant Breeding	2	0	0	0	2
502			Crop Science	4	0	0	0	4
503			Horticulture and Landscape Architecture	10	1	0	0	11
504			Plant Protection	9	0	0	0	9
505			Sericultural Science and Economic Entomology	4	0	0	1	5
			Agriculture total	29	1	0	1	31
511			Plant Fertilizer and Manure and Soil Science	4	0	0	0	4
512			Applied Microbiochemistry and Applied Biochemistry	27	2	0	2	31
513			Biological Productive Chemistry and Bioorganic Chemistry	4	0	0	1	5
514			Food Science and Nutritional Chemistry	32	7	0	0	39

Table 42. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
	A		Agricultural Chemistry total	67	9	0	3	79
521			Forestry	5	0	0	0	5
522	G		Wood Science	2	0	0	0	2
			Forestry total	7	0	0	0	7
531	R		Fisheries in General	17	0	0	0	17
532			Fisheries Chemistry	4	0	0	0	4
			Fisheries total	21	0	0	0	21
541	I		Agricultural Economics	8	1	0	0	9
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	0	0	0	6
552	U		Agricultural Machinery	0	1	0	0	1
553	L		Biological Environment	1	0	0	0	1
			Agricultural Engineering total	7	1	0	0	8
561	T		Animal Science and Grassland Science	7	0	0	0	7
562	U		Applied Animal Science	9	0	0	0	9
563	R		Basic Veterinary Medicine and Basic Animal Science	15	1	0	0	16
564			Applied Veterinary Medicine	16	0	0	1	17
	E		Animal Science·Veterinary Medicine total	47	1	0	1	49
571			Biological Resource Science	1	0	0	2	3
572			Applied Molecular Cell Biology	3	1	0	0	4
			Interdisciplinary Agricultural Science total	4	1	0	2	7
			AGRICULTURE Total	190	14	0	7	211
601			Anatomy in General (inclu. Histology, Embryology)	47	3	0	0	50
602			Physiology in General	26	3	0	0	29
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	27	4	0	0	31
604			Pharmacology in General	47	1	0	0	48
605			Medical Chemistry in General	37	0	0	3	40
606			Pathological Medical Chemistry	12	0	0	1	13
			Physiology total	196	11	0	4	211
611	M		Hominal Pathology	43	0	0	1	44
612			Experimental Pathology	13	0	0	4	17
613	E		Parasitology (inclu. Medical Zoology)	23	0	0	0	23
614	D		Bacteriology (inclu. Eumycetes)	29	1	0	1	31
615			Virology	14	0	0	0	14
616	I		Immunology	32	2	0	2	36
			Pathology total	154	3	0	8	165
621	C		Hygiene	36	2	0	1	39
622			Public Health and Health Science	55	9	0	0	64
623	I		Legal Medicine	14	0	0	0	14
			Social Medicine total	105	11	0	1	117
631	N		Internal Medicine in General	47	3	0	2	52
632			Gastroenterology	78	0	0	2	80
633	E		Internal Medicine Respiratory System	58	1	0	1	60
634			Neurological Medicine	42	2	0	0	44
635			Cardioangiopathy	98	1	0	2	101
636			Pediatrics	68	2	0	0	70
637			Dermatology	36	0	0	0	36
638			Radiology	89	0	0	0	89
639			Neuropsychiatry	67	3	0	0	70
641			Hematology	46	1	0	0	47
642			Internal Medicine of Kidney	38	0	0	0	38
643			Embryology and Newborn	2	0	0	0	2
644			Endocrinology	31	0	0	0	31
645			Metabolic Science	31	2	0	0	33
			Internal Medicine total	731	15	0	7	753
651			Surgery in General	45	0	0	1	46
652			Gastroenterological Surgery	86	0	0	4	90
653			Thoracic Surgery	40	0	0	0	40

Table 42. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
654	M		Neurosurgery	56	0	0	0	56
655			Orthopedic Surgery	92	0	0	0	92
656			Anesthesiology and Rescue Medicine	47	0	0	0	47
657			Urology	50	0	0	0	50
658			Obstetrics and Gynecology	73	0	0	0	73
659			Oto-rhino-laryngology	45	0	0	0	45
660			Ophthalmology	76	0	0	0	76
661			Pediatric Surgery	9	2	0	0	11
662			Formative Surgery	17	0	0	0	17
			Surgery total	636	2	0	5	643
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	61	1	0	0	62
672	D		Functional Basic Dentistry	53	0	0	0	53
673	I		Morbid Dentistry (inclu. Dental Radiology)	28	0	0	0	28
674	C		Conservative Dentistry	60	1	0	0	61
675	I		Prosthodontics and Dental Technology	91	1	0	0	92
676	I		Oral Surgery	86	0	0	0	86
677	N		Orthodontics, Pedodontics and Social Dentistry	80	0	0	0	80
678	E		Periodontological Dentistry	21	0	0	0	21
			Dentistry total	480	3	0	0	483
681			Chemical Pharmaceuticals	79	0	0	0	79
682			Physical Pharmaceuticals	42	0	0	0	42
683			Biopharmaceutics	103	0	0	4	107
684			Molecular Pharmaceuticals	18	0	0	0	18
685			Environmental Pharmaceuticals	5	0	0	0	5
			Pharmaceutics total	247	0	0	4	251
691			Medical Sociology	12	0	0	0	12
692			Human Genetics	4	1	0	0	5
693			Applied Pharmacology and Medical Pharmacology	33	1	0	0	34
694			Pathological Examination	14	2	0	0	16
696			Science of Basic and Local Nursing	14	3	0	0	17
697			Science of Clinical Nursing	13	3	0	0	16
			Medicine in General total	90	10	0	0	100
	MEDICINE Total			2,639	55	0	29	2,723
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)	6	2	0	0	8
703			Physical Education	68	8	0	0	76
704			Human Geography	11	0	0	0	11
705			Physical Geography	7	1	0	0	8
			Geography total	18	1	0	0	19
706			Home Science(inclu. Cloth/Living Environments)	13	15	0	0	28
707			Food Culture	14	8	0	0	22
			Domestic Science total	27	23	0	0	50
708			Science of Cultural Property	1	0	0	0	1
711			Science Education	7	1	0	0	8
712			Educational Engineering	14	4	0	0	18
713			Curriculum Studies	20	4	0	0	24
714			Japanese Language Education	18	2	0	0	20
			Science Education·Curriculum Education total	59	11	0	0	70
721			Statistics	23	1	0	0	24
731			Computer Science	87	1	1	0	89
732			Intelligent Informatics	71	3	0	0	74
733			Study of Information System (Inclu. Library and Information Science)	42	1	0	1	44
			Information Science total	200	5	1	1	207
741			Social System Engineering	60	1	0	0	61
751			Natural Disaster Science	1	0	0	0	1
761			Plasma Science and Technology	18	0	0	0	18
772			Nuclear Fusion	2	1	0	1	4

Table 42. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
773	Nuclear Energy		Energy Science General	4	0	0	0	4
774			Nuclear Power Science	7	0	0	0	7
			Energy total	13	1	0	1	15
801	Environmental Science		Environmental Dynamic Analysis	17	1	0	0	18
802			Environmental Influence Assessment (inclu. Radiobiology)	12	0	0	2	14
803			Environmental Preservation	21	0	0	2	23
			Environmental Science total	50	1	0	4	55
811	Biological Chemistry		Biological Organic Chemistry	14	2	0	2	18
812			Structured Biochemistry	18	0	0	0	18
813			Functional Biochemistry	35	1	0	0	36
			Biological Chemistry total	67	3	0	2	72
821	Basic Biology		Biophysics	17	0	0	0	17
822			Molecular Biology	48	0	0	2	50
823			Cell Biology	25	1	0	2	28
824			Developmental Biology	12	0	0	0	12
			Basic Biology total	102	1	0	4	107
831	Neuroscience		Neuroanatomy and Neuropathology	19	2	0	0	21
832			Neurochemistry and Neuropharmacology	26	1	0	1	28
833			Neuro Science in General	33	0	0	3	36
834			Neuro and Muscular Physiology	26	1	0	0	27
			Neuro Science (inclu. Brain Science) total	104	4	0	4	112
841			Laboratory Animal Science	1	0	0	5	6
851			Medical Organism Engineering and Material Science of Organism	70	5	0	0	75
	INTERDISCIPLINARY AREA Total			888	67	1	21	977
999	WIDE AREA Total			87	9	0	1	97
	Item n.a. Total			54	1	0	1	56
	Grand Total			7,516	320	10	92	7,938

Table 43. Number of Researchers Who Have Spoken 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	Philosophy	8	10	9	0
212			Chinese Philosophy	6	9	1	1
213			Indian Philosophy (inclu. Buddhist Studies)	11	9	10	0
214			Religion	12	6	7	0
215			Ethics	4	2	5	2
216			History of Philosophy	2	2	2	1
217			Aesthetics (inclu. Arts)	20	28	5	8
218			Art History	15	2	3	0
			Philosophy total	78	68	42	12
221		Psychology • Sociology • Education	Experimental Psychology	7	1	61	3
222			Educational and Social	12	14	53	1
223			Sociology	30	26	28	6
224			Education	22	27	31	7
225			Cultural Anthropology (inclu. Ethnology and Folklore)	18	21	18	1
			Psychology • Sociology • Education Cultural Anthropology total	89	89	191	18
231		History	Japanese History	9	10	6	1
232			Oriental History	24	21	11	6
233			European History	8	5	7	2
234			Archaeology (inclu. Prehistory)	12	5	8	2
			History total	53	41	32	11
241		Literature	Japanese Language	7	7	4	6
242			Japanese Literature	14	11	3	3
243			Chinese Language and Literature	12	5	6	4
244			English Language and Literature	20	18	10	2
245			French Language and Literature	2	7	3	2
246			German Language and Literature	3	8	5	0
247			Other Foreign Languages and Literatures	10	10	7	3
248			Linguistics and Phonetics	13	15	33	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	7	5	1	0
			Literature total	88	86	72	26
			ARTS • HUMANITIES Total	308	284	337	67
261	LAW	Basic Science of Law	Basic Science of Law	5	4	4	0
262			Public Law	8	2	6	1
263			International Law	13	6	2	2
264			Civil Law	5	10	2	6
265			Social Law	1	3	3	0
266			Criminal Law	2	2	1	1
267			Politics	33	32	19	11
			LAW Total	67	59	37	21
271	ECONOMICS	General Theory of Economics	General Theory of Economics	22	11	28	6
272			Economical Statistics	4	1	6	2
273			Economic Policy (inclu. Economic Condition)	41	24	22	21
274			Economic History	8	8	6	1
275			Public Finance, Money and Banking	7	6	8	6
276			Commercial Science	4	1	1	0
277			Business Administration	19	17	12	2
278			Accounting	6	4	5	0
			ECONOMICS Total	111	72	88	38
301	SCIENCE	Mathematics	Algebra	17	15	47	0
302			Geometry	16	8	54	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	10	88	0
305			Basic Analysis	8	8	76	1
306			Larger-area Analysis	7	5	43	1
			Mathematics total	58	46	308	4
311		Astronomy	Astronomy	6	8	45	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	34	25	155	5

Table 43. Number of Researchers Who Have Spoken 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
211	A R T S • H U M A N I T I E S		Philosophy	12	1	15	43
212			Chinese Philosophy	2	3	7	22
213			Indian Philosophy (inclu. Buddhist Studies)	16	2	9	35
214			Religion	10	4	10	38
215			Ethics	3	1	3	15
216			History of Philosophy	3	2	4	15
217			Aesthetics (inclu. Arts)	21	1	35	84
218			Art History	4	1	5	25
		Philosophy total	71	15	88	277	
221			Experimental Psychology	54	12	60	162
222			Educational and Social	64	10	120	245
223			Sociology	54	14	53	159
224			Education	34	8	65	150
225			Cultural Anthropology (inclu. Ethnology and Folklore)	14	6	19	70
		Psychology•Sociology•Education Cultural Anthropology total	220	50	317	786	
231			Japanese History	8	4	13	37
232			Oriental History	19	7	24	85
233			European History	10	1	12	36
234			Archaeology (inclu. Prehistory)	5	3	10	32
		History total	42	15	59	190	
241			Japanese Language	5	0	12	33
242			Japanese Literature	10	0	16	49
243			Chinese Language and Literature	29	2	30	70
244			English Language and Literature	60	10	53	152
245			French Language and Literature	7	3	6	26
246			German Language and Literature	9	2	8	25
247			Other Foreign Languages and Literatures	15	2	28	60
248			Linguistics and Phonetics	72	7	54	166
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	1	10	25
		Literature total	213	27	217	606	
	ARTS•HUMANITIES Total			546	107	681	1,859
261	L A W		Basic Science of Law	4	2	5	17
262			Public Law	4	2	5	24
263			International Law	11	8	4	33
264			Civil Law	7	7	8	34
265			Social Law	2	0	4	12
266			Criminal Law	4	1	3	11
267			Politics	30	18	34	122
	LAW Total		62	38	63	253	
271	E C O N O M I C S		General Theory of Economics	38	11	25	107
272			Economical Statistics	14	1	5	24
273			Economic Policy (inclu. Economic Condition)	45	17	27	133
274			Economic History	14	0	7	33
275			Public Finance, Money and Banking	13	2	9	37
276			Commercial Science	17	1	5	25
277			Business Administration	43	10	43	116
278			Accounting	10	4	4	27
	ECONOMICS Total			194	46	125	502
301	S C I E N C E		Algebra	9	2	14	81
302			Geometry	11	1	15	90
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	40	10	30	154
305			Basic Analysis	15	4	21	110
306			Larger-area Analysis	14	2	13	64
		Mathematics total	89	19	93	499	
311		Astronomy	13	15	13	82	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	67	21	71	292	

Table 43. Number of Researchers Who Have Spoken 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)	9	10	59	12
323			Solid-State Physics II (Magnetism, Metal Physics,	17	13	94	16
324			Physical Properties in General (inclu. Basic Theories)	18	13	46	3
325			Physics in General	15	9	38	10
			Physics total	93	70	392	46
331			Physics of Solid Earth	8	6	44	4
332			Meteorology, Oceanography and Hydrology	15	20	61	25
333			Aeronomy	2	4	26	2
334			Geology	2	4	9	3
335			Stratigraphy and Paleontology	1	4	10	2
336			Mineralogy, Petrology and Study of Mineral Deposit	4	5	25	4
337			Geochemistry	2	2	11	3
			Earth Science total	34	45	186	43
341			Physical Chemistry	23	9	105	13
342			Organic Chemistry	17	6	88	1
343			Inorganic Chemistry	4	4	48	4
344			Function, Properties and Materials in Chemistry	8	3	43	4
345			Substance Transformation	1	0	4	0
346			Separation, Refining and Identification	3	4	19	2
			Chemistry total	56	26	307	24
351			Genetics	7	12	26	1
352			Ecology	11	7	32	5
353			Plant Physiology	10	9	40	10
354			Morphology, Structure of Organism	7	7	17	3
355			Animal Physiology and	6	3	18	6
356			Morphology and Taxonomy	8	1	16	2
			Biology total	49	39	149	27
361			Physical Anthropology (inclu. Physiological Anthropology)	3	3	14	1
	SCIENCE Total			299	237	1,401	151
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	10	2	46	4
402			Surface Physics	4	6	25	8
403			Applied Optics and Quantum Optics	6	3	47	9
404			General Applied Physics	3	3	16	3
405			Fundamentals of Engineering	1	3	20	0
			Applied Physics·Fundamentals of Engineering total	24	17	154	24
411			Materials for Machines and Strength of Materials	4	5	59	7
412			Workshop Processes and Production Engineering	6	6	35	7
413			Design Engineering, Machine Elements and Tribology	2	1	18	2
414			Fluid Mechanics	8	9	54	6
415			Heat Engineering	7	13	40	8
416			Mechanics and Control Engineering	2	4	25	5
417			Intelligent Mechanics and Machine System	2	7	55	8
			Machine Engineering total	31	45	286	43
421			Electric Power Engineering and Electric Machinery	4	6	42	4
422			Electronic and Electric Materials Engineering	8	4	68	8
423			Electron Devices and Apparatus Engineering	7	7	66	9
424			Information and Communication Engineering	14	19	116	23

Table 43. Number of Researchers Who Have Spoken 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	37	44	39	178
323			Solid-State Physics II (Magnetism, Metal Physics,	39	31	46	204
324			Physical Properties in General (inclu. Basic Theories)	34	18	24	107
325			Physics in General	22	19	31	108
			Physics total	199	133	211	889
331			Physics of Solid Earth	22	16	25	92
332			Meteorology, Oceanography and Hydrology	20	21	23	130
333			Aeronomy	7	1	8	34
334			Geology	2	4	21	42
335			Stratigraphy and Paleontology	7	3	18	36
336			Mineralogy, Petrology and Study of Mineral Deposit	7	11	22	62
337			Geochemistry	12	15	21	52
			Earth Science total	77	71	138	448
341			Physical Chemistry	72	65	95	298
342			Organic Chemistry	68	53	62	239
343			Inorganic Chemistry	45	23	62	157
344			Function, Properties and Materials in Chemistry	43	37	28	132
345			Substance Transformation	7	1	3	11
346			Separation, Refining and Identification	25	19	37	90
			Chemistry total	260	198	287	927
351			Genetics	10	11	14	59
352			Ecology	23	9	41	97
353			Plant Physiology	23	15	27	106
354			Morphology, Structure of Organism	12	6	12	55
355			Animal Physiology and	9	7	20	62
356			Morphology and Taxonomy	9	8	20	50
			Biology total	86	56	134	429
361			Physical Anthropology (inclu. Physiological Anthropology)	8	6	10	29
			SCIENCE Total	732	498	886	3,303
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	38	43	25	131
402			Surface Physics	26	21	15	79
403			Applied Optics and Quantum Optics	45	46	29	151
404			General Applied Physics	15	9	5	36
405			Fundamentals of Engineering	12	1	7	36
			Applied Physics·Fundamentals of Engineering total	136	120	81	433
411			Materials for Machines and Strength of Materials	71	95	38	232
412			Workshop Processes and Production Engineering	65	67	32	182
413			Design Engineering, Machine Elements and Tribology	22	33	16	82
414			Fluid Mechanics	60	90	53	234
415			Heat Engineering	60	63	34	179
416			Mechanics and Control Engineering	53	46	30	131
417			Intelligent Mechanics and Machine System	49	58	39	175
			Machine Engineering total	380	452	242	1,215
421			Electric Power Engineering and Electric Machinery	78	90	38	211
422			Electronic and Electric Materials Engineering	92	80	34	237
423			Electron Devices and Apparatus Engineering	85	92	33	242
424			Information and Communication Engineering	162	202	73	492

Table 43. Number of Researchers Who Have Spoken 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	9	7	32	7
427			Electronic Measurements	4	3	22	2
428			Control Engineering	1	4	38	3
			Electric and Electronic Engineering	47	50	384	56
431			Construction Materials and Dynamics in General Civil Engineering	10	5	13	4
432			Structural Engineering and Seismology	4	4	19	0
433			Ground Engineering	7	6	21	4
434			Hydraulics and River Engineering	4	7	27	7
435			Traffic Engineering and Regional Planning	6	5	21	2
436			Civil Environmental System	5	3	20	10
			Civil Engineering total	36	30	121	27
441		N	Building Structure and Materials	7	9	28	9
442			Building Science and Building Equipment	5	3	10	5
443		G	City Planning and Building Planning	22	11	24	3
444		I	Architectural History and Design	7	10	6	1
			Architecture total	41	33	68	18
451		N	Physical Metallurgy	4	7	46	4
452			Inorganic Materials and	7	7	28	5
453		E	Composed Materials and Properties	3	3	10	5
454		E	Structural and Functional Materials	11	6	34	5
455		R	Metallurgy and Material	7	6	28	4
456			Metal Productive Engineering	4	2	13	2
			Material Engineering total	36	31	159	25
461		I	Chemical Engineering in General	7	7	23	5
462			Reaction and Separation Engineering	3	3	12	3
463			Catalyst and Chemical Process	5	3	19	4
464			Bioengineering	4	5	29	5
465			Industrial Analytical Chemistry	4	0	19	1
			Process Engineering total	23	18	102	18
471			Industrial Physical Chemistry	9	7	39	7
472			Industrial Inorganic Chemistry	1	1	16	3
473			Industrial Organic Chemistry	4	3	14	3
474			Synthetic Chemistry	12	5	33	7
475			Polymer Synthesis	8	6	24	7
476			Polymer Structure and Property (inclu. Fiber)	16	9	21	6
			Industrial Chemistry total	50	31	147	33
481			Aeronautics	1	4	23	2
482			Ship Engineering	2	2	12	1
483			Marine Engineering	3	0	5	0
484			Resource Development Engineering	5	4	17	3
			Synthetic Engineering total	11	10	57	6
			ENGINEERING Total	299	265	1,478	250
501	A		Plant Breeding	4	3	19	1
502			Crop Science	4	4	6	2
503			Horticulture and Landscape Architecture	8	1	20	2
504			Plant Protection	5	5	19	0
505			Sericultural Science and Economic Entomology	3	1	4	0
			Agriculture total	24	14	68	5
511		E	Plant Fertilizer and Manure and Soil Science	3	3	13	2
512			Applied Microbiochemistry and Applied Biochemistry	10	6	44	13
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	15	0
514			Food Science and Nutritional Chemistry	12	7	19	6

Table 43. Number of Researchers Who Have Spoken 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
425	E N G I N E E R I N G		System Engineering	43	27	20	115
427			Electronic Measurements	39	40	25	111
428			Control Engineering	27	41	37	126
			Electric and Electronic Engineering	526	572	260	1,534
431			Construction Materials and Dynamics in General Civil Engineering	21	33	11	73
432			Structural Engineering and Seismology	32	40	16	95
433			Ground Engineering	22	41	21	94
434			Hydraulics and River Engineering	32	66	31	126
435			Traffic Engineering and Regional Planning	29	36	19	90
436			Civil Environmental System	16	26	12	69
			Civil Engineering total	152	242	110	547
441		G	Building Structure and Materials	52	43	35	137
442			Building Science and Building Equipment	32	24	25	91
443			City Planning and Building Planning	32	20	42	112
444			Architectural History and Design	3	6	8	32
			Architecture total	119	93	110	372
451		M a t e r i a l	Physical Metallurgy	25	41	13	104
452			Inorganic Materials and Composed Materials and Properties	34	55	27	129
453			Structural and Functional Materials	14	16	8	46
454			Metallurgy and Material	30	43	13	107
455		R	Metal Productive Engineering	23	62	13	115
456				11	29	3	53
			Material Engineering total	137	246	77	554
461		I n d u s t r i a l	Chemical Engineering in General Reaction and Separation Engineering	32	56	14	102
462			Catalyst and Chemical Process Bioengineering	19	35	9	68
463			Industrial Analytical Chemistry	18	36	9	76
464				23	30	15	91
465				10	23	7	52
			Process Engineering total	102	180	54	389
471			Industrial Physical Chemistry	35	47	18	108
472			Industrial Inorganic Chemistry	11	20	8	44
473			Industrial Organic Chemistry	14	12	7	39
474			Synthetic Chemistry	30	49	41	141
475			Polymer Synthesis	36	35	22	91
476			Polymer Structure and Property (inclu. Fiber)	33	34	22	89
			Industrial Chemistry total	159	197	118	512
481			Aeronautics	20	26	15	72
482			Ship Engineering	6	20	10	38
483			Marine Engineering	7	9	3	20
484			Resource Development Engineering	11	19	1	43
			Synthetic Engineering total	44	74	29	173
			ENGINEERING Total	1,755	2,176	1,081	5,729
501	A g r i c u l t u r e		Plant Breeding	5	8	13	44
502			Crop Science	7	3	8	25
503			Horticulture and Landscape Architecture	11	14	27	70
504			Plant Protection	12	16	17	56
505			Sericultural Science and Economic Entomology	4	1	7	16
			Agriculture total	39	42	72	211
511			Plant Fertilizer and Manure and Soil Science	6	6	5	33
512			Applied Microbiochemistry and Applied Biochemistry	35	46	23	134
513			Biological Productive Chemistry and Bioorganic Chemistry	8	25	7	45
514			Food Science and Nutritional Chemistry	24	49	38	122

Table 43. Number of Researchers Who Have Spoken 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	28	17	91	21
521			Forestry	10	11	25	6
522	G		Wood Science	4	5	19	1
			Forestry total	14	16	44	7
531	R		Fisheries in General	11	7	48	6
532			Fisheries Chemistry	2	3	15	1
			Fisheries total	13	10	63	7
541	I		Agricultural Economics	4	13	9	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	5	12	4
552	U		Agricultural Machinery	3	1	16	0
553	L		Biological Environment	1	0	6	2
			Agricultural Engineering total	6	6	34	6
561	T		Animal Science and Grassland Science	3	2	9	3
562	U		Applied Animal Science	3	5	19	3
563	R		Basic Veterinary Medicine and Basic Animal Science	5	8	17	2
564			Applied Veterinary Medicine	4	3	9	3
	E		Animal Science·Veterinary Medicine total	15	18	54	11
571			Biological Resource Science	2	3	6	3
572			Applied Molecular Cell Biology	3	1	7	3
			Interdisciplinary Agricultural Science total	5	4	13	6
			AGRICULTURE Total	109	98	376	67
601			Anatomy in General (inclu. Histology, Embryology)	8	4	20	6
602			Physiology in General	5	6	30	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	8	3	20	2
604			Pharmacology in General	10	5	18	1
605			Medical Chemistry in General	14	13	36	3
606			Pathological Medical Chemistry	5	4	17	4
			Physiology total	50	35	141	18
611	M		Hominal Pathology	8	7	14	4
612			Experimental Pathology	6	7	18	6
613	E		Parasitology (inclu. Medical Zoology)	5	5	18	5
614	D		Bacteriology (inclu. Eumycetes)	9	9	19	4
615			Virology	10	6	25	10
616	I		Immunology	14	11	44	4
			Pathology total	52	45	138	33
621	C		Hygiene	6	5	15	5
622			Public Health and Health Science	13	15	18	10
623	I		Legal Medicine	2	3	6	5
			Social Medicine total	21	23	39	20
631	N		Internal Medicine in General	9	11	21	3
632			Gastroenterology	20	20	23	2
633	E		Internal Medicine Respiratory System	12	7	8	4
634			Neurological Medicine	10	13	25	7
635			Cardioangiopathy	25	10	25	1
636			Pediatrics	17	9	23	1
637			Dermatology	13	10	10	2
638			Radiology	27	16	21	1
639			Neuropsychiatry	16	13	16	2
641			Hematology	7	3	20	3
642			Internal Medicine of Kidney	9	4	7	2
643			Embryology and Newborn	2	1	1	0
644			Endocrinology	3	4	6	2
645			Metabolic Science	7	7	11	0
			Internal Medicine total	177	128	217	30
651			Surgery in General	10	7	10	2
652			Gastroenterological Surgery	16	19	17	1
653			Thoracic Surgery	7	3	5	2

Table 43. Number of Researchers Who Have Spoken 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
			Agricultural Chemistry total	73	126	73	334
521	A		Forestry	10	14	26	64
522	G		Wood Science	17	19	17	56
			Forestry total	27	33	43	120
531	R		Fisheries in General	21	17	28	107
532			Fisheries Chemistry	6	12	6	35
			Fisheries total	27	29	34	142
541	I		Agricultural Economics	4	2	9	36
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	7	12	12	41
552	U		Agricultural Machinery	6	12	11	37
553	L		Biological Environment	5	5	5	18
			Agricultural Engineering total	18	29	28	96
561	T		Animal Science and Grassland Science	8	13	11	46
562	U		Applied Animal Science	11	17	14	53
563	R		Basic Veterinary Medicine and Basic Animal Science	15	9	10	56
564			Applied Veterinary Medicine	15	7	8	46
	E		Animal Science·Veterinary Medicine total	49	46	43	201
571			Biological Resource Science	3	2	2	13
572			Applied Molecular Cell Biology	3	3	2	15
			Interdisciplinary Agricultural Science total	6	5	4	28
			AGRICULTURE Total	243	312	306	1,168
601			Anatomy in General (inclu. Histology, Embryology)	27	18	38	100
602			Physiology in General	23	24	39	111
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	21	10	27	69
604			Pharmacology in General	28	22	28	97
605			Medical Chemistry in General	22	17	28	108
606			Pathological Medical Chemistry	10	4	12	41
			Physiology total	131	95	172	526
611	M		Hominal Pathology	20	25	49	108
612	E		Experimental Pathology	18	17	24	70
613			Parasitology (inclu. Medical Zoology)	8	4	16	48
614	D		Bacteriology (inclu. Eumycetes)	17	20	26	81
615			Virology	15	12	20	63
616	I		Immunology	29	22	26	108
			Pathology total	107	100	161	478
621	C		Hygiene	19	12	38	76
622			Public Health and Health Science	26	22	58	125
623	I		Legal Medicine	10	8	16	40
			Social Medicine total	55	42	112	241
631	N		Internal Medicine in General	29	16	60	122
632	E		Gastroenterology	25	29	120	192
633			Internal Medicine Respiratory System	25	9	76	125
634			Neurological Medicine	21	17	61	126
635			Cardioangiology	38	42	124	217
636			Pediatrics	33	19	95	169
637			Dermatology	32	22	27	93
638			Radiology	88	41	101	243
639			Neuropsychiatry	39	17	64	141
641			Hematology	19	22	58	114
642			Internal Medicine of Kidney	10	17	44	80
643			Embryology and Newborn	0	2	3	7
644			Endocrinology	7	16	40	69
645			Metabolic Science	18	13	46	80
			Internal Medicine total	384	282	919	1,778
651			Surgery in General	15	16	53	94
652			Gastroenterological Surgery	49	15	105	182
653			Thoracic Surgery	17	13	47	82

Table 43. Number of Researchers Who Have Spoken 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	22	10	9	0
655			Orthopedic Surgery	25	13	25	1
656			Anesthesiology and Rescue Medicine	9	8	36	0
657			Urology	13	8	7	1
658			Obstetrics and Gynecology	20	18	11	5
659			Oto-rhino-laryngology	4	6	17	2
660			Ophthalmology	9	12	13	0
661			Pediatric Surgery	1	1	5	0
662			Formative Surgery	2	2	1	0
			Surgery total	138	107	156	14
671	E		Oral Anatomy and Morphological Basic Dentistry	2	6	23	1
672	D		Functional Basic Dentistry	3	4	27	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	10	1
674	C		Conservative Dentistry	10	6	20	2
675	I		Prosthodontics and Dental Technology	10	8	33	0
676	N		Oral Surgery	11	18	27	4
677	E		Orthodontics, Pedodontics and Social Dentistry	13	14	29	2
678			Periodontological Dentistry	5	2	18	0
	Dentistry total		55	59	187	12	
681			Chemical Pharmaceuticals	18	10	37	2
682			Physical Pharmaceuticals	10	5	22	3
683			Biopharmaceutics	24	10	34	6
684			Molecular Pharmaceuticals	5	2	8	2
685			Environmental Pharmaceuticals	1	0	0	0
	Pharmaceutics total	58	27	101	13		
691			Medical Sociology	2	3	2	1
692			Human Genetics	1	1	8	0
693			Applied Pharmacology and Medical Pharmacology	7	2	4	2
694			Pathological Examination	3	1	4	1
696			Science of Basic and Local Nursing	3	2	8	0
697			Science of Clinical Nursing	3	10	13	3
			Medicine in General total	19	19	39	7
	MEDICINE Total			570	443	1,018	147
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)	2	3	5	2
703			Physical Education	13	13	38	2
704			Human Geography	3	4	13	2
705			Physical Geography	1	1	9	2
			Geography total	4	5	22	4
706			Home Science(inclu. Cloth/Living Environments)	2	2	10	1
707			Food Culture	1	0	5	0
			Domestic Science total	3	2	15	1
708			Science of Cultural Property	0	1	2	1
711			Science Education	6	4	11	3
712			Educational Engineering	3	5	21	2
713			Curriculum Studies	8	7	14	0
714			Japanese Language Education	3	4	7	3
			Science Education·Curriculum Education total	20	20	53	8
721			Statistics	6	1	27	1
731			Computer Science	13	12	129	12
732			Intelligent Informatics	6	4	102	12
733			Study of Information System (Inclu. Library and Information Science)	11	7	28	4
			Information Science total	30	23	259	28
741			Social System Engineering	7	7	40	6
751			Natural Disaster Science	5	2	7	2
761			Plasma Science and Technology	5	6	62	3
772			Nuclear Fusion	1	3	29	1

Table 43. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	26	18	81	137
655			Orthopedic Surgery	29	32	193	259
656			Anesthesiology and Rescue Medicine	24	16	89	166
657			Urology	48	29	66	144
658			Obstetrics and Gynecology	24	17	94	159
659			Oto-rhino-laryngology	25	22	50	110
660			Ophthalmology	42	14	92	159
661			Pediatric Surgery	7	4	19	26
662			Formative Surgery	9	1	13	24
			Surgery total	315	197	902	1,542
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	42	3	26	98
672			Functional Basic Dentistry	37	12	23	94
673			Morbid Dentistry (inclu. Dental Radiology)	25	7	10	53
674			Conservative Dentistry	47	12	47	125
675			Prosthodontics and Dental Technology	60	16	63	169
676			Oral Surgery	61	13	91	198
677			Orthodontics, Pedodontics and Social Dentistry	58	19	78	179
678			Periodontological Dentistry	19	7	14	52
			Dentistry total	349	89	352	968
681		E	Chemical Pharmaceutics	82	43	18	166
682			Physical Pharmaceutics	42	22	11	86
683			Biopharmaceutics	90	60	31	208
684			Molecular Pharmaceutics	27	10	8	46
685			Environmental Pharmaceutics	4	1	1	6
			Pharmaceutics total	245	136	69	512
691			Medical Sociology	7	6	8	21
692			Human Genetics	5	1	6	22
693			Applied Pharmacology and Medical Pharmacology	34	13	17	67
694			Pathological Examination	10	12	15	42
696			Science of Basic and Local Nursing	10	2	25	46
697			Science of Clinical Nursing	16	3	34	75
			Medicine in General total	82	37	105	273
			MEDICINE Total	1,668	978	2,792	6,318
702	I N T E R D I S C I P L I N A R Y	A R E A	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	8	3	9	16
703			Physical Education	43	13	70	167
704			Human Geography	9	0	19	41
705			Physical Geography	4	2	21	36
			Geography total	13	2	40	77
706			Home Science(inclu. Cloth/Living Environments)	13	2	25	53
707			Food Culture	11	3	15	30
			Domestic Science total	24	5	40	83
708			Science of Cultural Property	2	1	1	7
711			Science Education	5	2	14	34
712			Educational Engineering	11	15	11	61
713			Curriculum Studies	13	0	42	72
714			Japanese Language Education	10	2	23	44
			Science Education·Curriculum Education total	39	19	90	211
721			Statistics	19	12	12	63
731			Computer Science	84	102	50	327
732			Intelligent Informatics	85	93	63	294
733		I	Study of Information System (Inclu. Library and Information Science)	33	29	18	93
			Information Science total	202	224	131	714
741			Social System Engineering	49	22	35	129
751			Natural Disaster Science	4	6	6	13
761			Plasma Science and Technology	22	31	24	117
772			Nuclear Fusion	7	18	8	46

Table 43. Number of Researchers Who Have Spoken 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	1	2	9	4
774			Nuclear Power Science	1	4	17	3
	E		Energy total	3	9	55	8
801	R		Environmental Dynamic Analysis	7	6	19	12
802			Environmental Influence Assessment (inclu. Radiobiology)	6	0	18	1
803	S		Environmental Preservation	8	6	10	7
	C		Environmental Science total	21	12	47	20
811	I		Biological Organic Chemistry	5	1	21	4
812			Structured Biochemistry	6	1	19	2
813	P		Functional Biochemistry	10	4	21	5
	I		Biological Chemistry total	21	6	61	11
821	N		Biophysics	11	8	36	11
822			Molecular Biology	13	16	109	18
823	R		Cell Biology	14	6	50	4
824	Y		Developmental Biology	10	3	29	6
			Basic Biology total	48	33	224	39
831	A		Neuroanatomy and Neuropathology	1	3	18	1
832			Neurochemistry and Neuropharmacology	3	5	20	6
833			Neuro Science in General	10	10	44	6
834			Neuro and Muscular Physiology	7	0	23	3
			Neuro Science (inclu. Brain Science) total	21	18	105	16
841			Laboratory Animal Science	2	0	4	3
851			Medical Organism Engineering and Material Science of Organism	15	7	82	10
	INTERDISCIPLINARY AREA Total			226	168	1,108	165
999	WIDE AREA Total			36	30	24	10
	Item n.a. Total			18	17	37	4
	Grand Total			2,043	1,673	5,904	920

Table 43. Number of Researchers Who Have Spoken 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 T		Energy Science General	3	6	6	20
774			Nuclear Power Science	10	21	7	43
	E		Energy total	20	45	21	109
801	R D		Environmental Dynamic Analysis	18	19	15	68
802			Environmental Influence Assessment (inclu. Radiobiology)	9	12	16	48
803	I S		Environmental Preservation	21	20	12	60
	C		Environmental Science total	48	51	43	176
811	I P		Biological Organic Chemistry	18	19	21	72
812			Structured Biochemistry	17	17	9	60
813	L		Functional Biochemistry	23	18	21	89
	I		Biological Chemistry total	58	54	51	221
821	N A		Biophysics	19	21	22	90
822			Molecular Biology	33	33	38	212
823	R		Cell Biology	21	21	30	123
824	Y		Developmental Biology	10	7	21	76
			Basic Biology total	83	82	111	501
831	A R E A		Neuroanatomy and Neuropathology	7	8	26	55
832			Neurochemistry and Neuropharmacology	20	9	14	69
833			Neuro Science in General	22	17	26	107
834			Neuro and Muscular Physiology	11	13	19	65
			Neuro Science (inclu. Brain Science) total	60	47	85	296
841			Laboratory Animal Science	7	5	2	18
851			Medical Organism Engineering and Material Science of Organism	63	57	56	218
	INTERDISCIPLINARY AREA Total			764	679	827	3,136
999	WIDE AREA Total			49	26	69	165
	Item n.a. Total			53	39	47	179
	Grand Total			6,066	4,899	6,877	22,612

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	Philosophy	3	3	7	0
212			Chinese Philosophy	3	2	1	1
213			Indian Philosophy (inclu. Buddhist Studies)	2	3	6	0
214			Religion	3	1	5	0
215			Ethics	4	1	4	2
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	8	10	3	1
218			Art History	9	2	3	0
			Philosophy total	32	22	29	4
221		Psychology • Sociology • Education	Experimental Psychology	3	0	45	0
222			Educational and Social	5	6	40	0
223			Sociology	5	9	13	2
224			Education	10	14	31	4
225			Cultural Anthropology (inclu. Ethnology and Folklore)	8	6	11	0
			Psychology • Sociology • Education Cultural Anthropology total	31	35	140	6
231		History	Japanese History	4	5	3	0
232			Oriental History	12	12	8	4
233			European History	6	1	6	1
234			Archaeology (inclu. Prehistory)	5	4	6	1
			History total	27	22	23	6
241		Literature	Japanese Language	5	5	4	2
242			Japanese Literature	3	2	1	2
243			Chinese Language and Literature	6	0	4	1
244			English Language and Literature	2	1	4	0
245			French Language and Literature	2	3	3	2
246			German Language and Literature	0	3	2	0
247			Other Foreign Languages and Literatures	5	3	7	1
248			Linguistics and Phonetics	6	3	24	4
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	2	1	0
			Literature total	31	22	50	12
			ARTS • HUMANITIES Total	121	101	242	28
261	LAW	Basic Science of Law	Basic Science of Law	2	2	3	0
262			Public Law	3	1	1	0
263			International Law	5	4	2	1
264			Civil Law	2	4	1	1
265			Social Law	0	0	1	0
266			Criminal Law	0	2	1	0
267			Politics	10	7	10	3
			LAW Total	22	20	19	5
271	ECONOMICS	General Theory of Economics	General Theory of Economics	9	3	14	2
272			Economical Statistics	1	0	3	0
273			Economic Policy (inclu. Economic Condition)	9	8	15	8
274			Economic History	4	4	4	1
275			Public Finance, Money and Banking	2	2	5	2
276			Commercial Science	0	0	1	0
277			Business Administration	6	3	9	0
278			Accounting	1	1	2	0
			ECONOMICS Total	32	21	53	13
301	SCIENCE	Mathematics	Algebra	16	6	32	0
302			Geometry	8	4	34	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	10	65	0
305			Basic Analysis	5	5	60	1
306			Larger-area Analysis	5	3	31	1
			Mathematics total	44	28	222	3
311			Astronomy	5	8	44	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	26	18	134	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	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	0	0	6	15
212			Chinese Philosophy	0	1	2	7
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	1	8
214			Religion	1	3	4	14
215			Ethics	0	1	1	8
216			History of Philosophy	0	2	1	3
217			Aesthetics (inclu. Arts)	2	1	14	25
218			Art History	2	1	3	15
			Philosophy total	6	9	32	95
221			Experimental Psychology	8	6	32	75
222			Educational and Social	7	7	66	114
223			Sociology	2	4	16	44
224			Education	6	4	37	79
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	1	6	22
			Psychology • Sociology • Education Cultural Anthropology total	26	22	157	334
231			Japanese History	0	2	5	16
232			Oriental History	3	4	13	41
233			European History	1	1	5	17
234			Archaeology (inclu. Prehistory)	3	3	8	20
			History total	7	10	31	94
241			Japanese Language	0	0	7	19
242			Japanese Literature	0	0	5	12
243			Chinese Language and Literature	6	0	18	23
244			English Language and Literature	1	3	15	25
245			French Language and Literature	1	0	2	11
246			German Language and Literature	2	0	3	7
247			Other Foreign Languages and Literatures	2	0	11	24
248			Linguistics and Phonetics	6	3	23	57
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	5	8
			Literature total	18	6	89	186
			ARTS • HUMANITIES Total	57	47	309	709
261	LAW		Basic Science of Law	1	2	2	9
262			Public Law	0	1	3	9
263			International Law	1	6	1	13
264			Civil Law	0	3	3	10
265			Social Law	0	0	2	3
266			Criminal Law	1	1	0	4
267			Politics	1	9	12	36
			LAW Total	4	22	23	84
271	ECONOMICS		General Theory of Economics	6	5	5	29
272			Economical Statistics	2	0	4	7
273			Economic Policy (inclu. Economic Condition)	9	8	9	43
274			Economic History	4	0	3	13
275			Public Finance, Money and Banking	0	1	4	10
276			Commercial Science	0	1	2	3
277			Business Administration	2	4	9	26
278			Accounting	0	1	1	4
			ECONOMICS Total	23	20	37	135
301	SCIENCE		Algebra	1	2	11	53
302			Geometry	2	0	13	54
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	4	9	18	90
305			Basic Analysis	1	4	15	75
306			Larger-area Analysis	3	1	10	40
			Mathematics total	11	16	67	312
311			Astronomy	10	15	12	77
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	30	18	60	218

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	8	8	51	11
323			Solid-State Physics II (Magnetism, Metal Physics,	15	13	81	14
324			Physical Properties in General (inclu. Basic Theories)	15	12	37	3
325			Physics in General	12	4	29	10
			Physics total	76	55	332	41
331			Physics of Solid Earth	8	6	44	3
332			Meteorology, Oceanography and Hydrology	15	20	56	21
333			Aeronomy	1	3	24	1
334			Geology	2	2	8	2
335			Stratigraphy and Paleontology	0	3	9	1
336			Mineralogy, Petrology and Study of Mineral Deposit	4	5	24	3
337			Geochemistry	1	2	10	3
			Earth Science total	31	41	175	34
341			Physical Chemistry	12	7	86	13
342			Organic Chemistry	13	4	74	1
343			Inorganic Chemistry	3	4	38	3
344			Function, Properties and Materials in Chemistry	5	3	36	3
345			Substance Transformation	1	0	4	0
346			Separation, Refining and Identification	2	4	18	2
			Chemistry total	36	22	256	22
351			Genetics	7	7	20	1
352			Ecology	5	7	29	3
353			Plant Physiology	7	7	34	5
354			Morphology, Structure of Organism	5	6	14	2
355			Animal Physiology and	5	1	16	4
356			Morphology and Taxonomy	6	1	14	2
			Biology total	35	29	127	17
361			Physical Anthropology (inclu. Physiological Anthropology)	2	2	11	0
			SCIENCE Total	229	185	1,167	123
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	1	37	4
402			Surface Physics	3	4	24	6
403			Applied Optics and Quantum Optics	4	3	42	8
404			General Applied Physics	2	3	14	2
405			Fundamentals of Engineering	1	2	18	0
			Applied Physics·Fundamentals of Engineering total	15	13	135	20
411			Materials for Machines and Strength of Materials	3	3	49	4
412			Workshop Processes and Production Engineering	4	4	28	6
413			Design Engineering, Machine Elements and Tribology	1	1	15	0
414			Fluid Mechanics	7	6	47	5
415			Heat Engineering	2	10	32	6
416			Mechanics and Control Engineering	0	2	18	5
417			Intelligent Mechanics and Machine System	1	2	46	6
			Machine Engineering total	18	28	235	32
421			Electric Power Engineering and Electric Machinery	2	4	34	4
422			Electronic and Electric Materials Engineering	5	2	47	5
423			Electron Devices and Apparatus Engineering	6	3	57	5
424			Information and Communication Engineering	6	9	86	15

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	10	37	29	126
323			Solid-State Physics II (Magnetism, Metal Physics,	12	27	36	151
324			Physical Properties in General (inclu. Basic Theories)	14	13	17	71
325			Physics in General	2	14	22	68
			Physics total	68	109	164	634
331			Physics of Solid Earth	15	14	25	83
332			Meteorology, Oceanography and Hydrology	15	18	19	112
333			Aeronomy	4	1	7	28
334			Geology	1	4	18	35
335			Stratigraphy and Paleontology	2	2	15	27
336			Mineralogy, Petrology and Study of Mineral Deposit	4	10	20	55
337			Geochemistry	6	14	18	43
			Earth Science total	47	63	122	383
341			Physical Chemistry	15	60	76	203
342			Organic Chemistry	21	47	51	167
343			Inorganic Chemistry	18	22	44	107
344			Function, Properties and Materials in Chemistry	11	30	25	90
345			Substance Transformation	3	1	2	6
346			Separation, Refining and Identification	7	15	27	60
			Chemistry total	75	175	225	633
351			Genetics	6	8	14	45
352			Ecology	10	7	29	64
353			Plant Physiology	11	14	14	71
354			Morphology, Structure of Organism	5	5	9	38
355			Animal Physiology and	1	5	14	42
356			Morphology and Taxonomy	3	6	16	35
			Biology total	36	45	96	295
361			Physical Anthropology (inclu. Physiological Anthropology)	3	5	5	17
			SCIENCE Total	250	428	691	2,351
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	17	35	16	91
402			Surface Physics	10	20	11	58
403			Applied Optics and Quantum Optics	16	37	16	101
404			General Applied Physics	8	8	4	26
405			Fundamentals of Engineering	3	1	6	24
			Applied Physics·Fundamentals of Engineering total	54	101	53	300
411			Materials for Machines and Strength of Materials	26	78	25	157
412			Workshop Processes and Production Engineering	17	57	12	107
413			Design Engineering, Machine Elements and Tribology	5	29	14	56
414			Fluid Mechanics	15	75	35	157
415			Heat Engineering	21	55	24	115
416			Mechanics and Control Engineering	10	36	23	71
417			Intelligent Mechanics and Machine System	26	54	26	127
			Machine Engineering total	120	384	159	790
421			Electric Power Engineering and Electric Machinery	23	66	25	123
422			Electronic and Electric Materials Engineering	34	61	16	140
423			Electron Devices and Apparatus Engineering	39	73	17	162
424			Information and Communication Engineering	58	148	47	296

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
425	E N G I N E E R I N G		System Engineering	3	4	28	4
427			Electronic Measurements	4	2	20	2
428			Control Engineering	1	1	32	3
			Electric and Electronic Engineering	27	25	304	38
431			Construction Materials and Dynamics in General Civil Engineering	6	2	12	3
432			Structural Engineering and Seismology	2	3	15	0
433			Ground Engineering	6	5	19	4
434			Hydraulics and River Engineering	3	4	26	6
435			Traffic Engineering and Regional Planning	4	4	18	1
436			Civil Environmental System	2	2	19	8
			Civil Engineering total	23	20	109	22
441		N	Building Structure and Materials	4	3	19	6
442			Building Science and Building Equipment	2	0	9	2
443		G	City Planning and Building Planning	12	4	23	1
444		I	Architectural History and Design	2	2	3	0
			Architecture total	20	9	54	9
451		N	Physical Metallurgy	3	7	39	4
452			Inorganic Materials and	5	6	24	3
453		E	Composed Materials and Properties	1	2	6	4
454		E	Structural and Functional Materials	9	4	32	4
455		R	Metallurgy and Material	4	5	25	2
456			Metal Productive Engineering	2	1	12	2
			Material Engineering total	24	25	138	19
461		I N G E N I E R I N G	Chemical Engineering in General	7	7	21	5
462			Reaction and Separation Engineering	3	2	9	3
463			Catalyst and Chemical Process	3	2	18	2
464			Bioengineering	3	5	24	3
465			Industrial Analytical Chemistry	3	0	18	1
			Process Engineering total	19	16	90	14
471			Industrial Physical Chemistry	9	6	32	6
472			Industrial Inorganic Chemistry	1	1	15	3
473			Industrial Organic Chemistry	3	1	11	3
474			Synthetic Chemistry	8	3	31	7
475			Polymer Synthesis	4	5	21	1
476			Polymer Structure and Property (inclu. Fiber)	15	7	16	5
			Industrial Chemistry total	40	23	126	25
481			Aeronautics	1	4	22	2
482			Ship Engineering	2	2	11	1
483			Marine Engineering	2	0	4	0
484			Resource Development Engineering	4	2	17	3
			Synthetic Engineering total	9	8	54	6
			ENGINEERING Total	195	167	1,245	185
501	A G R I C U L T U R E		Plant Breeding	2	2	17	1
502			Crop Science	4	4	6	2
503			Horticulture and Landscape Architecture	6	1	18	1
504			Plant Protection	2	4	19	0
505			Sericultural Science and Economic Entomology	2	0	4	0
			Agriculture total	16	11	64	4
511			Plant Fertilizer and Manure and Soil Science	3	2	11	2
512			Applied Microbiochemistry and Applied Biochemistry	8	3	36	10
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	14	0
514			Food Science and Nutritional Chemistry	7	1	13	4

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
425	E N G I N E E R I N G		System Engineering	16	22	15	70
427			Electronic Measurements	9	31	12	68
428			Control Engineering	7	32	26	84
			Electric and Electronic Engineering	186	433	158	943
431			Construction Materials and Dynamics in General Civil Engineering	12	28	7	53
432			Structural Engineering and Seismology	8	37	8	60
433			Ground Engineering	13	38	12	72
434			Hydraulics and River Engineering	13	61	14	89
435			Traffic Engineering and Regional Planning	11	28	11	55
436			Civil Environmental System	8	19	9	49
			Civil Engineering total	65	211	61	378
441		N	Building Structure and Materials	12	32	14	65
442			Building Science and Building Equipment	5	18	13	41
443			City Planning and Building Planning	9	18	25	64
444		I	Architectural History and Design	1	2	4	10
			Architecture total	27	70	56	180
451		N	Physical Metallurgy	13	41	10	85
452			Inorganic Materials and	13	45	16	88
453		E	Composed Materials and Properties	5	12	7	28
454		E	Structural and Functional Materials	18	37	11	88
455		R	Metallurgy and Material	7	56	8	88
456			Metal Productive Engineering	7	26	3	44
			Material Engineering total	63	217	55	421
461		N G	Chemical Engineering in General	19	49	12	84
462			Reaction and Separation Engineering	12	33	5	52
463			Catalyst and Chemical Process	11	33	8	63
464			Bioengineering	16	24	13	73
465			Industrial Analytical Chemistry	0	22	5	39
			Process Engineering total	58	161	43	311
471			Industrial Physical Chemistry	21	39	14	85
472			Industrial Inorganic Chemistry	6	19	5	34
473			Industrial Organic Chemistry	0	8	2	19
474			Synthetic Chemistry	14	45	33	113
475			Polymer Synthesis	19	27	13	57
476			Polymer Structure and Property (inclu. Fiber)	19	31	17	66
			Industrial Chemistry total	79	169	84	374
481			Aeronautics	15	21	11	58
482			Ship Engineering	5	18	9	34
483			Marine Engineering	0	6	1	9
484			Resource Development Engineering	7	19	1	38
			Synthetic Engineering total	27	64	22	139
			ENGINEERING Total	679	1,810	691	3,836
501	A G R I C U L T U R E		Plant Breeding	2	8	10	38
502			Crop Science	3	3	6	19
503			Horticulture and Landscape Architecture	3	14	22	53
504			Plant Protection	6	12	15	44
505			Sericultural Science and Economic Entomology	2	1	6	11
			Agriculture total	16	38	59	165
511			Plant Fertilizer and Manure and Soil Science	3	5	5	27
512			Applied Microbiochemistry and Applied Biochemistry	18	44	13	94
513			Biological Productive Chemistry and Bioorganic Chemistry	4	23	6	37
514			Food Science and Nutritional Chemistry	8	40	19	71

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
	A		Agricultural Chemistry total	19	7	74	16
521			Forestry	9	8	25	6
522	G		Wood Science	4	5	18	1
			Forestry total	13	13	43	7
531	R		Fisheries in General	11	6	43	5
532			Fisheries Chemistry	2	2	14	1
			Fisheries total	13	8	57	6
541	I		Agricultural Economics	2	8	8	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	3	12	2
552	U		Agricultural Machinery	3	1	15	0
553	L		Biological Environment	1	0	5	1
			Agricultural Engineering total	5	4	32	3
561	T		Animal Science and Grassland Science	3	2	9	2
562	U		Applied Animal Science	2	5	16	3
563	R		Basic Veterinary Medicine and Basic Animal Science	4	7	15	2
564			Applied Veterinary Medicine	2	3	7	3
	E		Animal Science·Veterinary Medicine total	11	17	47	10
571			Biological Resource Science	0	3	5	3
572			Applied Molecular Cell Biology	3	1	5	3
			Interdisciplinary Agricultural Science total	3	4	10	6
			AGRICULTURE Total	82	72	335	55
601			Anatomy in General (inclu. Histology, Embryology)	5	1	13	4
602			Physiology in General	3	5	24	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	0	8	2
604			Pharmacology in General	7	3	10	1
605			Medical Chemistry in General	7	8	27	2
606			Pathological Medical Chemistry	3	3	10	3
			Physiology total	28	20	92	12
611	M		Hominal Pathology	2	2	7	3
612	E		Experimental Pathology	6	6	12	4
613			Parasitology (inclu. Medical Zoology)	5	3	10	2
614	D		Bacteriology (inclu. Eumycetes)	4	5	12	3
615			Virology	8	4	20	8
616	I		Immunology	12	7	37	2
			Pathology total	37	27	98	22
621	C		Hygiene	1	1	10	1
622			Public Health and Health Science	5	9	8	5
623	I		Legal Medicine	1	2	4	2
			Social Medicine total	7	12	22	8
631	N		Internal Medicine in General	4	5	11	1
632	E		Gastroenterology	9	9	17	0
633			Internal Medicine Respiratory System	5	4	7	3
634			Neurological Medicine	9	10	18	5
635			Cardioangiopathy	8	3	14	1
636			Pediatrics	7	4	12	1
637			Dermatology	6	4	4	2
638			Radiology	15	6	16	0
639			Neuropsychiatry	7	9	14	1
641			Hematology	3	0	11	2
642			Internal Medicine of Kidney	3	1	3	1
643			Embryology and Newborn	1	0	1	0
644			Endocrinology	1	3	2	2
645			Metabolic Science	6	3	9	0
			Internal Medicine total	84	61	139	19
651			Surgery in General	4	2	9	2
652			Gastroenterological Surgery	11	10	11	0
653			Thoracic Surgery	4	2	4	2

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
	A		Agricultural Chemistry total	33	112	43	229
521			Forestry	7	14	20	58
522	G		Wood Science	12	19	16	51
			Forestry total	19	33	36	109
531	R		Fisheries in General	11	16	21	87
532			Fisheries Chemistry	5	12	3	30
			Fisheries total	16	28	24	117
541	I		Agricultural Economics	1	2	7	24
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	11	12	33
552	U		Agricultural Machinery	5	11	11	35
553	L		Biological Environment	2	5	5	14
			Agricultural Engineering total	10	27	28	82
561	T		Animal Science and Grassland Science	4	12	10	39
562	U		Applied Animal Science	4	17	12	42
563	R		Basic Veterinary Medicine and Basic Animal Science	3	8	8	38
564			Applied Veterinary Medicine	7	5	4	29
	E		Animal Science·Veterinary Medicine total	18	42	34	148
571			Biological Resource Science	2	2	1	10
572			Applied Molecular Cell Biology	0	2	2	9
			Interdisciplinary Agricultural Science total	2	4	3	19
			AGRICULTURE Total	115	286	234	893
601			Anatomy in General (inclu. Histology, Embryology)	2	13	18	45
602			Physiology in General	7	17	23	70
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	5	5	14	27
604			Pharmacology in General	7	16	9	42
605			Medical Chemistry in General	6	12	12	59
606			Pathological Medical Chemistry	6	3	7	25
			Physiology total	33	66	83	268
611	M		Hominal Pathology	10	20	19	56
612			Experimental Pathology	10	13	15	45
613	E		Parasitology (inclu.Medical Zoology)	3	2	4	22
614	D		Bacteriology (inclu. Eumycetes)	6	14	12	41
615			Virology	7	8	9	42
616	I		Immunology	9	18	13	67
			Pathology total	45	75	72	273
621	C		Hygiene	5	8	13	31
622			Public Health and Health Science	2	17	20	48
623	I		Legal Medicine	5	6	8	24
			Social Medicine total	12	31	41	103
631	N		Internal Medicine in General	6	14	31	61
632			Gastroenterology	8	19	57	94
633	E		Internal Medicine Respiratory System	6	8	33	54
634			Neurological Medicine	6	17	36	79
635			Cardioangiology	10	36	51	99
636			Pediatrics	13	14	43	86
637			Dermatology	16	17	8	47
638			Radiology	46	33	59	142
639			Neuropsychiatry	7	11	27	64
641			Hematology	6	17	25	56
642			Internal Medicine of Kidney	2	11	19	35
643			Embryology and Newborn	0	2	1	5
644			Endocrinology	3	10	19	36
645			Metabolic Science	5	11	24	41
			Internal Medicine total	134	220	433	899
651			Surgery in General	3	14	21	43
652			Gastroenterological Surgery	20	11	41	78
653			Thoracic Surgery	2	10	22	40

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	12	5	8	0
655			Orthopedic Surgery	10	5	21	1
656			Anesthesiology and Rescue Medicine	6	5	24	0
657			Urology	10	4	4	0
658			Obstetrics and Gynecology	12	8	6	2
659			Oto-rhino-laryngology	2	3	13	2
660			Ophthalmology	7	6	9	0
661			Pediatric Surgery	0	0	4	0
662			Formative Surgery	0	0	0	0
			Surgery total	78	50	113	9
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	0	1	16	1
672			Functional Basic Dentistry	2	2	19	1
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	8	1
674			Conservative Dentistry	4	2	17	2
675			Prosthodontics and Dental Technology	3	4	28	0
676			Oral Surgery	5	9	20	2
677			Orthodontics, Pedodontics and Social Dentistry	7	8	23	1
678			Periodontological Dentistry	2	2	15	0
			Dentistry total	23	28	146	8
681		E	Chemical Pharmaceutics	11	8	24	2
682			Physical Pharmaceutics	3	2	16	2
683			Biopharmaceutics	11	4	27	4
684			Molecular Pharmaceutics	5	1	6	1
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	30	15	73	9
691			Medical Sociology	1	1	2	0
692			Human Genetics	1	1	8	0
693			Applied Pharmacology and Medical Pharmacology	3	0	3	2
694			Pathological Examination	2	1	3	0
696			Science of Basic and Local Nursing	0	0	6	0
697			Science of Clinical Nursing	1	4	6	2
			Medicine in General total	8	7	28	4
			MEDICINE Total	295	220	711	91
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)	1	2	0	1
703			Physical Education	6	5	27	1
704			Human Geography	2	0	10	0
705			Physical Geography	1	1	8	0
			Geography total	3	1	18	0
706			Home Science(inclu. Cloth/Living Environments)	0	1	6	0
707			Food Culture	0	0	0	0
			Domestic Science total	0	1	6	0
708			Science of Cultural Property	0	1	2	1
711			Science Education	4	3	10	2
712			Educational Engineering	1	3	19	1
713			Curriculum Studies	6	3	13	0
714			Japanese Language Education	2	2	7	2
			Science Education·Curriculum Education total	13	11	49	5
721			Statistics	3	0	20	0
731			Computer Science	9	6	113	8
732			Intelligent Informatics	1	2	87	11
733	I		Study of Information System (Inclu. Library and Information Science)	6	2	22	2
			Information Science total	16	10	222	21
741			Social System Engineering	4	3	29	1
751			Natural Disaster Science	4	2	7	1
761			Plasma Science and Technology	4	5	56	2
772			Nuclear Fusion	1	3	29	1

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	11	17	33	69
655			Orthopedic Surgery	6	23	96	135
656			Anesthesiology and Rescue Medicine	12	13	50	100
657			Urology	21	22	35	78
658			Obstetrics and Gynecology	6	10	42	73
659			Oto-rhino-laryngology	5	15	23	53
660			Ophthalmology	18	11	39	77
661			Pediatric Surgery	2	4	9	15
662			Formative Surgery	3	1	3	6
			Surgery total	109	151	414	767
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	4	3	9	34
672			Functional Basic Dentistry	2	10	10	39
673			Morbid Dentistry (inclu. Dental Radiology)	4	5	5	22
674			Conservative Dentistry	10	10	26	60
675			Prosthodontics and Dental Technology	3	10	37	76
676			Oral Surgery	15	8	50	98
677			Orthodontics, Pedodontics and Social Dentistry	9	18	49	95
678			Periodontological Dentistry	6	7	4	29
			Dentistry total	53	71	190	453
681		E	Chemical Pharmaceutics	24	32	6	78
682			Physical Pharmaceutics	7	13	7	35
683			Biopharmaceutics	19	36	10	85
684			Molecular Pharmaceutics	10	9	5	25
685			Environmental Pharmaceutics	0	0	1	1
			Pharmaceutics total	60	90	29	224
691			Medical Sociology	1	4	3	9
692			Human Genetics	2	1	4	16
693			Applied Pharmacology and Medical Pharmacology	12	12	8	33
694			Pathological Examination	6	8	5	22
696			Science of Basic and Local Nursing	2	1	14	22
697			Science of Clinical Nursing	5	2	21	37
			Medicine in General total	28	28	55	139
			MEDICINE Total	474	732	1,317	3,126
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)	1	2	5	6
703			Physical Education	4	11	38	81
704			Human Geography	2	0	14	24
705			Physical Geography	0	2	13	22
			Geography total	2	2	27	46
706			Home Science(inclu. Cloth/Living Environments)	0	1	9	17
707			Food Culture	0	1	3	4
			Domestic Science total	0	2	12	21
708			Science of Cultural Property	2	1	0	6
711			Science Education	2	2	11	26
712	A R E A		Educational Engineering	4	13	6	40
713			Curriculum Studies	5	0	28	47
714			Japanese Language Education	2	1	13	23
			Science Education·Curriculum Education total	13	16	58	136
721			Statistics	6	8	6	37
731			Computer Science	31	81	28	226
732			Intelligent Informatics	34	80	40	203
733	I		Study of Information System (Inclu. Library and Information Science)	9	20	8	43
			Information Science total	74	181	76	472
741			Social System Engineering	8	13	13	54
751			Natural Disaster Science	4	5	6	11
761			Plasma Science and Technology	11	29	16	93
772			Nuclear Fusion	6	17	6	42

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	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N T		Energy Science General	1	2	7	4
774			Nuclear Power Science	1	4	16	3
	E		Energy total	3	9	52	8
801	R D		Environmental Dynamic Analysis	5	5	18	8
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	14	0
803	S C		Environmental Preservation	6	3	8	2
			Environmental Science total	16	8	40	10
811	I P		Biological Organic Chemistry	4	1	20	3
812			Structured Biochemistry	2	1	16	1
813	L I		Functional Biochemistry	6	2	14	4
			Biological Chemistry total	12	4	50	8
821	N A		Biophysics	9	7	26	11
822			Molecular Biology	12	13	90	18
823	R Y		Cell Biology	13	3	43	4
824			Developmental Biology	7	3	29	6
			Basic Biology total	41	26	188	39
831	A R E A		Neuroanatomy and Neuropathology	0	0	13	0
832			Neurochemistry and Neuropharmacology	2	3	14	2
833			Neuro Science in General	5	5	34	5
834			Neuro and Muscular Physiology	4	0	14	3
			Neuro Science (inclu. Brain Science) total	11	8	75	10
841			Laboratory Animal Science	1	0	4	3
851			Medical Organism Engineering and Material Science of Organism	9	4	63	9
			INTERDISCIPLINARY AREA Total	147	100	908	120
999			WIDE AREA Total	13	11	15	5
			Item n.a. Total	5	6	30	4
			Grand Total	1,141	903	4,725	629

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		Energy Science General	1	4	3	12
774	T		Nuclear Power Science	6	19	6	36
	E		Energy total	13	40	15	90
801	R		Environmental Dynamic Analysis	8	13	10	44
802	D		Environmental Influence Assessment (inclu. Radiobiology)	3	10	9	29
803	I		Environmental Preservation	8	15	8	33
	S		Environmental Science total	19	38	27	106
811	I		Biological Organic Chemistry	6	17	13	50
812	P		Structured Biochemistry	5	10	8	37
813	L		Functional Biochemistry	5	14	8	47
	I		Biological Chemistry total	16	41	29	134
821	N		Biophysics	10	19	17	64
822	A		Molecular Biology	14	26	22	156
823	R		Cell Biology	8	17	19	87
824	Y		Developmental Biology	3	5	17	61
			Basic Biology total	35	67	75	368
831	A		Neuroanatomy and Neuropathology	2	5	8	27
832	R		Neurochemistry and Neuropharmacology	6	7	7	35
833	E		Neuro Science in General	9	13	14	67
834	A		Neuro and Muscular Physiology	5	10	5	36
			Neuro Science (inclu. Brain Science) total	22	35	34	165
841			Laboratory Animal Science	2	5	1	12
851			Medical Organism Engineering and Material Science of Organism	19	44	37	139
			INTERDISCIPLINARY AREA Total	251	540	475	1,977
999			WIDE AREA Total	8	16	22	58
			Item n.a. Total	28	33	28	113
			Grand Total	1,889	3,934	3,827	13,282

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	0	0	0	0
212			Chinese Philosophy	2	1	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	1	1	0	0
215			Ethics	0	0	0	0
216			History of Philosophy	0	1	0	1
217			Aesthetics (inclu. Arts)	0	1	0	1
218			Art History	0	0	0	0
			Philosophy total	3	4	0	2
221			Experimental Psychology	0	1	2	0
222			Educational and Social	2	0	1	0
223			Sociology	2	2	1	0
224			Education	1	1	0	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	2	0	0
			Psychology • Sociology • Education Cultural Anthropology total	5	6	4	0
231			Japanese History	0	0	0	0
232			Oriental History	1	2	0	0
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	1	2	0	0
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	1	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	1	0	0
247			Other Foreign Languages and Literatures	0	0	0	0
248			Linguistics and Phonetics	0	0	2	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	3	4	3	1
			ARTS • HUMANITIES Total	12	16	7	3
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	1	0	0	0
263			International Law	3	0	0	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	1	0
266			Criminal Law	0	0	0	0
267			Politics	1	2	2	0
			LAW Total	5	2	3	1
271	ECONOMICS		General Theory of Economics	0	1	5	0
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	2	0	2	0
274			Economic History	0	0	0	0
275			Public Finance, Money and Banking	0	1	2	0
276			Commercial Science	1	0	0	0
277			Business Administration	2	1	0	0
278			Accounting	0	0	0	0
			ECONOMICS Total	5	3	9	0
301	SCIENCE		Algebra	0	3	6	0
302			Geometry	1	2	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	7	0
305			Basic Analysis	0	0	2	0
306			Larger-area Analysis	0	0	2	0
			Mathematics total	1	5	21	0
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	1	5	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
211	ARTS・HUMANITIES		Philosophy	0	0	1	1
212			Chinese Philosophy	0	0	1	3
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	0	0	0	1
215			Ethics	0	0	1	1
216			History of Philosophy	0	0	0	2
217			Aesthetics (inclu. Arts)	1	0	3	4
218			Art History	0	0	1	1
			Philosophy total	1	0	7	13
221			Experimental Psychology	5	0	1	9
222			Educational and Social	2	0	5	9
223			Sociology	5	1	9	17
224			Education	4	1	5	9
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	2	4
			Psychology・Sociology・Education Cultural Anthropology total	16	2	22	48
231			Japanese History	0	0	2	2
232			Oriental History	1	1	0	5
233			European History	0	0	1	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	1	1	3	7
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	1
243			Chinese Language and Literature	0	0	2	3
244			English Language and Literature	4	3	4	14
245			French Language and Literature	0	0	0	1
246			German Language and Literature	0	0	0	1
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	0	2	2	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	5	5	8	27
			ARTS・HUMANITIES Total	23	8	40	95
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	1	0	1
263			International Law	2	0	0	4
264			Civil Law	0	0	0	1
265			Social Law	0	0	1	2
266			Criminal Law	0	0	0	0
267			Politics	1	1	1	6
			LAW Total	3	2	2	14
271	ECONOMICS		General Theory of Economics	1	1	5	11
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	2	6
274			Economic History	0	0	1	1
275			Public Finance, Money and Banking	1	0	0	4
276			Commercial Science	1	0	0	2
277			Business Administration	3	2	3	7
278			Accounting	1	0	0	1
			ECONOMICS Total	7	3	11	32
301	SCIENCE		Algebra	1	0	1	7
302			Geometry	0	0	1	5
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	0	3	11
305			Basic Analysis	2	0	1	4
306			Larger-area Analysis	0	0	0	2
			Mathematics total	6	0	6	29
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	0	2	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
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	6	0
324			Physical Properties in General (inclu. Basic Theories)	1	0	3	0
325			Physics in General	0	1	4	0
			Physics total	2	2	18	1
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	1	0
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	0
335			Stratigraphy and Paleontology	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	1	0
			Earth Science total	0	0	3	0
341			Physical Chemistry	1	0	10	0
342			Organic Chemistry	0	0	8	0
343			Inorganic Chemistry	0	0	4	0
344			Function, Properties and Materials in Chemistry	1	0	1	0
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	1	0	0	0
			Chemistry total	3	0	23	0
351			Genetics	0	3	4	0
352			Ecology	1	0	0	0
353			Plant Physiology	2	0	4	1
354			Morphology, Structure of Organism	0	0	0	0
355			Animal Physiology and	0	1	0	2
356			Morphology and Taxonomy	0	0	1	0
			Biology total	3	4	9	3
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			9	11	74	4
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	0	3	0
402			Surface Physics	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	1	0
404			General Applied Physics	1	0	1	0
405			Fundamentals of Engineering	0	1	0	0
			Applied Physics·Fundamentals of Engineering total	2	1	5	0
411			Materials for Machines and Strength of Materials	0	0	2	0
412			Workshop Processes and Production Engineering	2	0	2	0
413			Design Engineering, Machine Elements and Tribology	0	0	1	0
414			Fluid Mechanics	0	0	2	1
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	1	2	0
417			Intelligent Mechanics and Machine System	1	1	3	2
			Machine Engineering total	3	2	14	3
421			Electric Power Engineering and Electric Machinery	0	0	3	0
422			Electronic and Electric Materials Engineering	0	0	5	0
423			Electron Devices and Apparatus Engineering	0	0	2	0
424			Information and Communication Engineering	1	3	8	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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	2	1	1	5
323			Solid-State Physics II (Magnetism, Metal Physics,	3	3	4	14
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	5
325			Physics in General	3	1	2	10
			Physics total	10	5	10	43
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	1	0	1	3
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	1
335			Stratigraphy and Paleontology	0	0	1	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	1	0	1
337			Geochemistry	1	0	1	2
			Earth Science total	2	1	4	8
341			Physical Chemistry	1	2	7	18
342			Organic Chemistry	6	2	4	19
343			Inorganic Chemistry	1	0	3	7
344			Function, Properties and Materials in Chemistry	2	3	1	6
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	1	1	3	5
			Chemistry total	12	8	18	56
351			Genetics	1	3	0	8
352			Ecology	2	1	5	9
353			Plant Physiology	3	0	4	12
354			Morphology, Structure of Organism	1	0	0	1
355			Animal Physiology and	0	2	2	5
356			Morphology and Taxonomy	0	0	1	2
			Biology total	7	6	12	37
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
	SCIENCE Total			39	20	50	175
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	3	8
402			Surface Physics	1	0	0	1
403			Applied Optics and Quantum Optics	4	2	5	10
404			General Applied Physics	2	0	1	3
405			Fundamentals of Engineering	0	0	0	1
			Applied Physics·Fundamentals of Engineering total	7	3	9	23
411			Materials for Machines and Strength of Materials	6	4	1	12
412			Workshop Processes and Production Engineering	9	4	8	22
413			Design Engineering, Machine Elements and Tribology	1	2	1	4
414			Fluid Mechanics	4	4	2	11
415			Heat Engineering	2	2	2	8
416			Mechanics and Control Engineering	4	2	3	10
417			Intelligent Mechanics and Machine System	1	1	4	10
			Machine Engineering total	27	19	21	77
421			Electric Power Engineering and Electric Machinery	9	4	3	16
422			Electronic and Electric Materials Engineering	6	5	1	13
423			Electron Devices and Apparatus Engineering	7	5	3	15
424			Information and Communication Engineering	8	9	10	34

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	1	0	0	0
427			Electronic Measurements	0	0	0	0
428			Control Engineering	0	1	3	0
			Electric and Electronic Engineering	2	4	21	0
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	1	0
			Civil Engineering total	0	0	3	0
441		I	Building Structure and Materials	2	3	2	2
442			Building Science and Building Equipment	0	2	0	0
443			City Planning and Building Planning	2	0	0	0
444		I	Architectural History and Design	1	0	0	0
			Architecture total	5	5	2	2
451		N	Physical Metallurgy	0	0	1	0
452			Inorganic Materials and	0	0	0	0
453		E	Composed Materials and Properties	1	0	0	1
454			Structural and Functional Materials	0	0	1	0
455		R	Metallurgy and Material	0	0	1	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	1	0	3	1
461		I	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	1	2	0
463			Catalyst and Chemical Process	1	0	0	1
464			Bioengineering	0	0	1	1
465			Industrial Analytical Chemistry	0	0	1	0
			Process Engineering total	1	1	4	2
471			Industrial Physical Chemistry	0	1	2	1
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	0	0	2	0
474			Synthetic Chemistry	1	1	2	0
475			Polymer Synthesis	1	0	1	2
476			Polymer Structure and Property (inclu. Fiber)	0	1	3	0
			Industrial Chemistry total	2	3	11	3
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	1	0
483			Marine Engineering	0	0	1	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	2	0
			ENGINEERING Total	16	16	65	11
501	A G R I C U L T U R E		Plant Breeding	2	0	2	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0
504			Plant Protection	1	1	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	3	1	2	0
511			Plant Fertilizer and Manure and Soil Science	0	0	2	0
512			Applied Microbiochemistry and Applied Biochemistry	1	0	4	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	1	0
514			Food Science and Nutritional Chemistry	3	3	3	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
425	E		System Engineering	3	1	1	6
427			Electronic Measurements	2	1	3	5
428			Control Engineering	7	7	7	21
			Electric and Electronic Engineering	42	32	28	110
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	2	0	1	4
433			Ground Engineering	0	0	1	1
434			Hydraulics and River Engineering	2	2	2	5
435			Traffic Engineering and Regional Planning	2	1	0	2
436			Civil Environmental System	1	0	1	3
			Civil Engineering total	7	3	5	15
441		N	Building Structure and Materials	5	3	5	13
442			Building Science and Building Equipment	5	0	3	10
443		G	City Planning and Building Planning	2	0	1	4
444		I	Architectural History and Design	0	0	0	1
			Architecture total	12	3	9	28
451		N	Physical Metallurgy	3	0	0	4
452			Inorganic Materials and	0	3	1	4
453		E	Composed Materials and Properties	1	3	1	6
454		E	Structural and Functional Materials	2	1	0	4
455		R	Metallurgy and Material	0	1	1	3
456			Metal Productive Engineering	0	1	0	1
			Material Engineering total	6	9	3	22
461		N	Chemical Engineering in General	1	2	0	3
462			Reaction and Separation Engineering	3	1	1	8
463			Catalyst and Chemical Process	1	0	0	2
464			Bioengineering	0	1	1	4
465			Industrial Analytical Chemistry	1	0	1	3
			Process Engineering total	6	4	3	20
471			Industrial Physical Chemistry	3	4	3	9
472			Industrial Inorganic Chemistry	0	0	1	2
473			Industrial Organic Chemistry	2	0	0	3
474			Synthetic Chemistry	1	1	4	7
475			Polymer Synthesis	4	2	4	9
476			Polymer Structure and Property (inclu. Fiber)	1	0	1	5
			Industrial Chemistry total	11	7	13	35
481			Aeronautics	2	2	3	6
482			Ship Engineering	0	2	0	2
483			Marine Engineering	2	1	0	3
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	4	5	3	11
			ENGINEERING Total	122	85	94	341
501	A G R I C U L T U R E		Plant Breeding	1	0	3	4
502			Crop Science	2	0	0	2
503			Horticulture and Landscape Architecture	3	0	3	6
504			Plant Protection	0	2	2	3
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	6	2	8	15
511			Plant Fertilizer and Manure and Soil Science	1	0	0	2
512			Applied Microbiochemistry and Applied Biochemistry	3	1	2	9
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	0	3
514			Food Science and Nutritional Chemistry	1	2	7	12

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	3	10	1
521			Forestry	0	1	0	0
522	G		Wood Science	0	0	1	0
			Forestry total	0	1	1	0
531	R		Fisheries in General	0	0	2	1
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	0	0	2	1
541	I		Agricultural Economics	1	1	1	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	1	0	1
552	U		Agricultural Machinery	0	0	1	0
553	L		Biological Environment	0	0	1	1
			Agricultural Engineering total	1	1	2	2
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	1	0
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	1	0
564			Applied Veterinary Medicine	0	0	0	0
	E		Animal Science·Veterinary Medicine total	1	0	2	0
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	0	0	1	0
			AGRICULTURE Total	10	7	21	4
601			Anatomy in General (inclu. Histology, Embryology)	0	0	1	1
602			Physiology in General	1	0	3	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	1	2	0
604			Pharmacology in General	0	0	1	0
605			Medical Chemistry in General	2	2	2	1
606			Pathological Medical Chemistry	1	0	1	0
			Physiology total	5	3	10	2
611	M		Hominal Pathology	0	0	2	0
612			Experimental Pathology	0	0	4	2
613	E		Parasitology (inclu. Medical Zoology)	0	0	2	1
614	D		Bacteriology (inclu. Eumycetes)	0	1	3	1
615			Virology	1	1	1	0
616	I		Immunology	1	1	0	0
			Pathology total	2	3	12	4
621	C		Hygiene	2	0	1	0
622			Public Health and Health Science	1	1	5	2
623	I		Legal Medicine	0	0	1	0
			Social Medicine total	3	1	7	2
631	N		Internal Medicine in General	2	1	3	1
632			Gastroenterology	3	1	4	0
633	E		Internal Medicine Respiratory System	0	0	0	1
634			Neurological Medicine	0	0	2	0
635			Cardioangiopathy	4	0	1	0
636			Pediatrics	1	1	1	0
637			Dermatology	2	1	4	0
638			Radiology	1	0	1	0
639			Neuropsychiatry	1	1	0	1
641			Hematology	1	0	1	0
642			Internal Medicine of Kidney	3	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	1	1	0
645			Metabolic Science	1	0	2	0
			Internal Medicine total	19	6	20	3
651			Surgery in General	0	1	0	0
652			Gastroenterological Surgery	0	0	2	1
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	6	4	9	26
521			Forestry	0	0	3	1
522	G		Wood Science	3	0	0	3
			Forestry total	3	0	3	4
531	R		Fisheries in General	2	0	1	3
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	3	0	1	4
541	I		Agricultural Economics	0	0	1	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	2
552	U		Agricultural Machinery	0	1	0	1
553	L		Biological Environment	2	0	0	3
			Agricultural Engineering total	2	1	0	6
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	1	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	0	2
564			Applied Veterinary Medicine	0	0	0	0
	E		Animal Science·Veterinary Medicine total	2	0	0	4
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	0	1	0	2
			Interdisciplinary Agricultural Science total	0	1	0	2
			AGRICULTURE Total	22	8	22	64
601			Anatomy in General (inclu. Histology, Embryology)	1	1	2	5
602			Physiology in General	3	1	6	12
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	4	3	11
604			Pharmacology in General	1	1	4	7
605			Medical Chemistry in General	1	0	4	9
606			Pathological Medical Chemistry	0	0	2	3
			Physiology total	9	7	21	47
611	M		Hominal Pathology	3	1	4	8
612			Experimental Pathology	2	3	2	8
613	E		Parasitology (inclu.Medical Zoology)	0	0	1	3
614	D		Bacteriology (inclu. Eumycetes)	2	2	3	9
615			Virology	2	1	5	7
616	I		Immunology	1	1	1	5
			Pathology total	10	8	16	40
621	C		Hygiene	3	0	3	6
622			Public Health and Health Science	2	0	9	13
623	I		Legal Medicine	0	0	1	2
			Social Medicine total	5	0	13	21
631	N		Internal Medicine in General	3	0	5	9
632			Gastroenterology	0	1	14	18
633	E		Internal Medicine Respiratory System	3	0	8	11
634			Neurological Medicine	1	0	2	3
635			Cardioangiopathy	3	3	12	17
636			Pediatrics	2	0	12	13
637			Dermatology	2	2	3	10
638			Radiology	3	1	6	12
639			Neuropsychiatry	0	1	5	7
641			Hematology	1	1	8	11
642			Internal Medicine of Kidney	1	3	3	7
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	1	0	2
645			Metabolic Science	2	0	3	6
			Internal Medicine total	21	13	81	126
651			Surgery in General	1	0	2	5
652			Gastroenterological Surgery	0	2	10	14
653			Thoracic Surgery	1	2	0	2

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	1	1	0	0
655			Orthopedic Surgery	3	2	1	0
656			Anesthesiology and Rescue Medicine	0	2	3	0
657			Urology	0	1	1	0
658			Obstetrics and Gynecology	2	2	1	1
659			Oto-rhino-laryngology	0	0	1	0
660			Ophthalmology	0	0	0	0
661			Pediatric Surgery	1	0	0	0
662			Formative Surgery	1	0	0	0
			Surgery total	8	9	9	2
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	0	0
672	D		Functional Basic Dentistry	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	1	0
674	C		Conservative Dentistry	0	0	0	0
675	I		Prosthodontics and Dental Technology	0	0	0	0
676	N		Oral Surgery	1	1	1	1
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	0
678			Periodontological Dentistry	1	0	1	0
			Dentistry total	4	1	4	1
681			Chemical Pharmaceutics	0	0	4	0
682			Physical Pharmaceutics	2	0	3	1
683			Biopharmaceutics	1	0	1	0
684			Molecular Pharmaceutics	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	3	0	8	1
691			Medical Sociology	0	0	0	0
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	1	0	0	0
696			Science of Basic and Local Nursing	2	1	0	0
697			Science of Clinical Nursing	2	5	4	0
			Medicine in General total	5	6	4	0
			MEDICINE Total	49	29	74	15
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	0
703			Physical Education	1	1	4	0
704			Human Geography	0	1	3	2
705			Physical Geography	0	0	1	1
			Geography total	0	1	4	3
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	0	1
713			Curriculum Studies	0	0	0	0
714			Japanese Language Education	0	0	0	0
			Science Education·Curriculum Education total	0	0	0	1
721			Statistics	0	0	0	0
731			Computer Science	0	0	1	0
732			Intelligent Informatics	0	2	2	0
733	I		Study of Information System (Inclu. Library and Information Science)	0	1	0	0
			Information Science total	0	3	3	0
741			Social System Engineering	1	1	4	0
751			Natural Disaster Science	1	0	0	0
761			Plasma Science and Technology	0	0	2	0
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	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	2	0	7	12
655			Orthopedic Surgery	3	2	26	32
656			Anesthesiology and Rescue Medicine	2	2	15	19
657			Urology	4	3	10	16
658			Obstetrics and Gynecology	1	1	10	13
659			Oto-rhino-laryngology	3	3	7	12
660			Ophthalmology	1	0	5	6
661			Pediatric Surgery	0	0	3	0
662			Formative Surgery	0	0	0	1
			Surgery total	18	15	95	132
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	0	2
672	D		Functional Basic Dentistry	2	0	0	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	1	3
674	C		Conservative Dentistry	3	0	1	4
675	I		Prosthodontics and Dental Technology	1	0	0	1
676	N		Oral Surgery	3	0	8	14
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	4
678			Periodontological Dentistry	1	0	0	2
	Dentistry total		13	0	11	32	
681			Chemical Pharmaceutics	3	2	0	9
682			Physical Pharmaceutics	3	4	0	9
683			Biopharmaceutics	6	6	4	16
684			Molecular Pharmaceutics	2	1	0	3
685			Environmental Pharmaceutics	0	0	0	0
	Pharmaceutics total	14	13	4	37		
691			Medical Sociology	0	0	0	0
692			Human Genetics	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	0	1	2	4
696			Science of Basic and Local Nursing	3	0	2	7
697			Science of Clinical Nursing	7	0	6	22
			Medicine in General total	10	1	10	34
	MEDICINE Total			100	57	251	469
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)	1	0	1	2
703			Physical Education	3	0	2	10
704			Human Geography	1	0	1	6
705			Physical Geography	0	0	5	6
			Geography total	1	0	6	12
706			Home Science(inclu. Cloth/Living Environments)	3	0	4	8
707			Food Culture	1	0	2	4
			Domestic Science total	4	0	6	12
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	2	3
713			Curriculum Studies	0	0	1	1
714			Japanese Language Education	0	0	1	1
			Science Education·Curriculum Education total	0	0	4	5
721			Statistics	1	0	1	2
731			Computer Science	6	3	4	12
732			Intelligent Informatics	6	4	4	17
733			Study of Information System (Inclu. Library and Information Science)	5	4	0	6
			Information Science total	17	11	8	35
741			Social System Engineering	5	2	5	14
751			Natural Disaster Science	0	0	0	1
761			Plasma Science and Technology	2	1	3	6
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	N		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	0	0
	E		Energy total	0	0	1	0
801	R		Environmental Dynamic Analysis	0	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	2	0
803	S		Environmental Preservation	1	2	1	1
			Environmental Science total	1	2	3	2
811	I		Biological Organic Chemistry	0	0	0	0
812			Structured Biochemistry	0	0	1	0
813	L		Functional Biochemistry	0	0	1	0
			Biological Chemistry total	0	0	2	0
821	N		Biophysics	1	1	2	0
822			Molecular Biology	0	0	6	0
823	R		Cell Biology	0	1	1	0
824			Developmental Biology	1	0	0	0
			Basic Biology total	2	2	9	0
831	A		Neuroanatomy and Neuropathology	0	0	1	0
832			Neurochemistry and Neuropharmacology	0	0	2	0
833	E		Neuro Science in General	0	0	2	0
834			Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	5	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0
	INTERDISCIPLINARY AREA Total			7	10	41	6
999	WIDE AREA Total			1	3	1	0
	Item n.a. Total			1	1	1	0
	Grand Total			115	98	296	44

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		Energy Science General	0	2	1	4
774			Nuclear Power Science	0	0	0	0
	E		Energy total	0	2	1	4
801	R		Environmental Dynamic Analysis	2	2	1	6
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	3	5
803	I		Environmental Preservation	0	1	1	4
	C		Environmental Science total	2	4	5	15
811	I		Biological Organic Chemistry	1	0	3	4
812			Structured Biochemistry	2	3	0	5
813	P		Functional Biochemistry	2	1	2	6
	L		Biological Chemistry total	5	4	5	15
821	N		Biophysics	3	2	1	9
822	A		Molecular Biology	0	0	3	6
823			Cell Biology	3	2	2	8
824	R		Developmental Biology	1	0	1	3
	Y		Basic Biology total	7	4	7	26
831	A		Neuroanatomy and Neuropathology	1	1	7	7
832			Neurochemistry and Neuropharmacology	3	1	1	6
833	E		Neuro Science in General	2	1	2	4
834			Neuro and Muscular Physiology	1	0	2	2
			Neuro Science (inclu. Brain Science) total	7	3	12	19
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	2	3	4
	INTERDISCIPLINARY AREA Total			56	33	69	182
999	WIDE AREA Total			2	0	7	10
	Item n.a. Total			5	0	5	10
	Grand Total			379	216	551	1,392

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES	Philosophy	Philosophy	5	7	2	0
212			Chinese Philosophy	1	6	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	9	6	4	0
214			Religion	8	4	2	0
215			Ethics	0	1	1	0
216			History of Philosophy	2	1	2	0
217			Aesthetics (inclu. Arts)	12	17	2	6
218			Art History	6	0	0	0
			Philosophy total	43	42	13	6
221		Psychology • Sociology • Education	Experimental Psychology	4	0	14	3
222			Educational and Social	5	8	12	1
223			Sociology	23	15	14	4
224			Education	11	12	0	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	10	13	7	1
			Psychology • Sociology • Education Cultural Anthropology total	53	48	47	12
231		History	Japanese History	5	5	3	1
232			Oriental History	11	7	3	2
233			European History	2	4	1	1
234			Archaeology (inclu. Prehistory)	7	1	2	1
			History total	25	17	9	5
241		Literature	Japanese Language	2	2	0	4
242			Japanese Literature	11	8	2	1
243			Chinese Language and Literature	5	5	1	3
244			English Language and Literature	16	16	6	1
245			French Language and Literature	0	3	0	0
246			German Language and Literature	3	4	3	0
247			Other Foreign Languages and Literatures	5	7	0	2
248			Linguistics and Phonetics	7	12	7	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	5	3	0	0
			Literature total	54	60	19	13
			ARTS • HUMANITIES Total	175	167	88	36
261	LAW	Basic Science of Law	Basic Science of Law	3	2	1	0
262			Public Law	4	1	5	1
263			International Law	5	2	0	1
264			Civil Law	3	6	1	4
265			Social Law	1	3	1	0
266			Criminal Law	2	0	0	1
267			Politics	22	23	7	8
			LAW Total	40	37	15	15
271	ECONOMICS	General Theory of Economics	General Theory of Economics	13	7	9	4
272			Economical Statistics	3	1	3	2
273			Economic Policy (inclu. Economic Condition)	30	16	5	13
274			Economic History	4	4	2	0
275			Public Finance, Money and Banking	5	3	1	4
276			Commercial Science	3	1	0	0
277			Business Administration	11	13	3	2
278			Accounting	5	3	3	0
			ECONOMICS Total	74	48	26	25
301	SCIENCE	Mathematics	Algebra	1	6	9	0
302			Geometry	7	2	16	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	16	0
305			Basic Analysis	3	3	14	0
306			Larger-area Analysis	2	2	10	0
			Mathematics total	13	13	65	1
311		Astronomy	Astronomy	1	0	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	7	6	16	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
211	ARTS • HUMANITIES		Philosophy	12	1	8	27
212			Chinese Philosophy	2	2	4	12
213			Indian Philosophy (inclu. Buddhist Studies)	15	2	8	27
214			Religion	9	1	6	23
215			Ethics	3	0	1	6
216			History of Philosophy	3	0	3	10
217			Aesthetics (inclu. Arts)	18	0	18	55
218			Art History	2	0	1	9
			Philosophy total	64	6	49	169
221			Experimental Psychology	41	6	27	78
222			Educational and Social	55	3	49	122
223			Sociology	47	9	28	98
224			Education	24	3	23	62
225			Cultural Anthropology (inclu. Ethnology and Folklore)	11	5	11	44
		Psychology • Sociology • Education Cultural Anthropology total		178	26	138	404
231			Japanese History	8	2	6	19
232			Oriental History	15	2	11	39
233			European History	9	0	6	19
234			Archaeology (inclu. Prehistory)	2	0	2	12
		History total		34	4	25	89
241			Japanese Language	5	0	5	14
242			Japanese Literature	10	0	11	36
243			Chinese Language and Literature	23	2	10	44
244			English Language and Literature	55	4	34	113
245			French Language and Literature	6	3	4	14
246			German Language and Literature	7	2	5	17
247			Other Foreign Languages and Literatures	12	2	17	35
248			Linguistics and Phonetics	66	2	29	103
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	1	5	17
			Literature total		190	16	120
	ARTS • HUMANITIES Total			466	52	332	1,055
261	LAW		Basic Science of Law	3	0	3	8
262			Public Law	4	0	2	14
263			International Law	8	2	3	16
264			Civil Law	7	4	5	23
265			Social Law	2	0	1	7
266			Criminal Law	3	0	3	7
267			Politics	28	8	21	80
	LAW Total		55	14	38	155	
271	ECONOMICS		General Theory of Economics	31	5	15	67
272			Economical Statistics	12	1	1	17
273			Economic Policy (inclu. Economic Condition)	36	9	16	84
274			Economic History	10	0	3	19
275			Public Finance, Money and Banking	12	1	5	23
276			Commercial Science	16	0	3	20
277			Business Administration	38	4	31	83
278			Accounting	9	3	3	22
	ECONOMICS Total		164	23	77	335	
301	SCIENCE		Algebra	7	0	2	21
302			Geometry	9	1	1	31
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	33	1	9	53
305			Basic Analysis	12	0	5	31
306			Larger-area Analysis	11	1	3	22
		Mathematics total		72	3	20	158
311		Astronomy		3	0	1	5
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	36	3	9	65

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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	1	2	8	1
323			Solid-State Physics II (Magnetism, Metal Physics, Physical Properties in General (inclu. Basic Theories))	2	0	7	2
324			Physics in General	2	1	6	0
325			Physics total	3	4	5	0
			Physics total	15	13	42	4
331			Physics of Solid Earth	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	4	4
333			Aeronomy	1	1	2	1
334			Geology	0	2	0	1
335			Stratigraphy and Paleontology	1	1	1	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	1	1
337			Geochemistry	1	0	0	0
			Earth Science total	3	4	8	9
341			Physical Chemistry	10	2	9	0
342			Organic Chemistry	4	2	6	0
343			Inorganic Chemistry	1	0	6	1
344			Function, Properties and Materials in Chemistry	2	0	6	1
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	0	1	0
			Chemistry total	17	4	28	2
351			Genetics	0	2	2	0
352			Ecology	5	0	3	2
353			Plant Physiology	1	2	2	4
354			Morphology, Structure of Organism	2	1	3	1
355			Animal Physiology and	1	1	2	0
356			Morphology and Taxonomy	2	0	1	0
			Biology total	11	6	13	7
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	3	1
	SCIENCE Total			61	41	160	24
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	1	6	0
402			Surface Physics	1	2	1	2
403			Applied Optics and Quantum Optics	2	0	4	1
404			General Applied Physics	0	0	1	1
405			Fundamentals of Engineering	0	0	2	0
			Applied Physics·Fundamentals of Engineering total	7	3	14	4
411			Materials for Machines and Strength of Materials	1	2	8	3
412			Workshop Processes and Production Engineering	0	2	5	1
413			Design Engineering, Machine Elements and Tribology	1	0	2	2
414			Fluid Mechanics	1	3	5	0
415			Heat Engineering	5	3	6	2
416			Mechanics and Control Engineering	2	1	5	0
417			Intelligent Mechanics and Machine System	0	4	6	0
			Machine Engineering total	10	15	37	8
421			Electric Power Engineering and Electric Machinery	2	2	5	0
422			Electronic and Electric Materials Engineering	3	2	16	3
423			Electron Devices and Apparatus Engineering	1	4	7	4
424			Information and Communication Engineering	7	7	22	8

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			Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	25	6	9	47
323			Solid-State Physics II (Magnetism, Metal Physics,	24	1	6	39
324			Physical Properties in General (inclu. Basic Theories)	19	5	6	31
325			Physics in General	17	4	7	30
			Physics total	121	19	37	212
331			Physics of Solid Earth	7	2	0	9
332			Meteorology, Oceanography and Hydrology	4	3	3	15
333			Aeronomy	3	0	1	6
334			Geology	1	0	2	6
335			Stratigraphy and Paleontology	5	1	2	8
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	6
337			Geochemistry	5	1	2	7
			Earth Science total	28	7	12	57
341			Physical Chemistry	56	3	12	77
342			Organic Chemistry	41	4	7	53
343			Inorganic Chemistry	26	1	15	43
344			Function, Properties and Materials in Chemistry	30	4	2	36
345			Substance Transformation	3	0	1	4
346			Separation, Refining and Identification	17	3	7	25
			Chemistry total	173	15	44	238
351			Genetics	3	0	0	6
352			Ecology	11	1	7	24
353			Plant Physiology	9	1	9	23
354			Morphology, Structure of Organism	6	1	3	16
355			Animal Physiology and	8	0	4	15
356			Morphology and Taxonomy	6	2	3	13
			Biology total	43	5	26	97
361			Physical Anthropology (inclu. Physiological Anthropology)	3	1	5	10
			SCIENCE Total	443	50	145	777
401			Applied Physics of Property and Crystallography	21	7	6	32
402			Surface Physics	15	1	4	20
403			Applied Optics and Quantum Optics	25	7	8	40
404			General Applied Physics	5	1	0	7
405			Fundamentals of Engineering	9	0	1	11
			Applied Physics·Fundamentals of Engineering total	75	16	19	110
411			Materials for Machines and Strength of Materials	39	13	12	63
412			Workshop Processes and Production Engineering	39	6	12	53
413			Design Engineering, Machine Elements and Tribology	16	2	1	22
414			Fluid Mechanics	41	11	16	66
415			Heat Engineering	37	6	8	56
416			Mechanics and Control Engineering	39	8	4	50
417			Intelligent Mechanics and Machine System	22	3	9	38
			Machine Engineering total	233	49	62	348
421			Electric Power Engineering and Electric Machinery	46	20	10	72
422			Electronic and Electric Materials Engineering	52	14	17	84
423			Electron Devices and Apparatus Engineering	39	14	13	65
424			Information and Communication Engineering	96	45	16	162

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	5	3	4	3
427			Electronic Measurements	0	1	2	0
428			Control Engineering	0	2	3	0
			Electric and Electronic Engineering	18	21	59	18
431			Construction Materials and Dynamics in General Civil Engineering	4	3	1	1
432			Structural Engineering and Seismology	2	1	3	0
433			Ground Engineering	1	1	2	0
434			Hydraulics and River Engineering	1	3	0	1
435			Traffic Engineering and Regional Planning	2	1	3	1
436			Civil Environmental System	3	1	0	2
			Civil Engineering total	13	10	9	5
441		N	Building Structure and Materials	1	3	7	1
442			Building Science and Building Equipment	3	1	1	3
443		G	City Planning and Building Planning	8	7	1	2
444			Architectural History and Design	4	8	3	1
			Architecture total	16	19	12	7
451		N	Physical Metallurgy	1	0	6	0
452			Inorganic Materials and	2	1	4	2
453		E	Composed Materials and Properties	1	1	4	0
454			Structural and Functional Materials	2	2	1	1
455		R	Metallurgy and Material	3	1	2	2
456			Metal Productive Engineering	2	1	1	0
			Material Engineering total	11	6	18	5
461		I	Chemical Engineering in General	0	0	2	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	1	1	1	1
464			Bioengineering	1	0	4	1
465			Industrial Analytical Chemistry	1	0	0	0
			Process Engineering total	3	1	8	2
471			Industrial Physical Chemistry	0	0	5	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	1	2	1	0
474			Synthetic Chemistry	3	1	0	0
475			Polymer Synthesis	3	1	2	4
476			Polymer Structure and Property (inclu. Fiber)	1	1	2	1
			Industrial Chemistry total	8	5	10	5
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	1	0	0	0
484			Resource Development Engineering	1	2	0	0
			Synthetic Engineering total	2	2	1	0
			ENGINEERING Total	88	82	168	54
501	A		Plant Breeding	0	1	0	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	2	0	2	1
504			Plant Protection	2	0	0	0
505			Sericultural Science and Economic Entomology	1	1	0	0
			Agriculture total	5	2	2	1
511		E	Plant Fertilizer and Manure and Soil Science	0	1	0	0
512			Applied Microbiochemistry and Applied Biochemistry	1	3	4	3
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	0
514			Food Science and Nutritional Chemistry	2	3	3	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		System Engineering	24	4	4	39
427			Electronic Measurements	28	8	10	38
428			Control Engineering	13	2	4	21
			Electric and Electronic Engineering	298	107	74	481
431			Construction Materials and Dynamics in General Civil Engineering	9	5	4	20
432			Structural Engineering and Seismology	22	3	7	31
433			Ground Engineering	9	3	8	21
434			Hydraulics and River Engineering	17	3	15	32
435			Traffic Engineering and Regional Planning	16	7	8	33
436			Civil Environmental System	7	7	2	17
			Civil Engineering total	80	28	44	154
441		N	Building Structure and Materials	35	8	16	59
442			Building Science and Building Equipment	22	6	9	40
443		G	City Planning and Building Planning	21	2	16	44
444		I	Architectural History and Design	2	4	4	21
			Architecture total	80	20	45	164
451		N	Physical Metallurgy	9	0	3	15
452			Inorganic Materials and	21	7	10	37
453		E	Composed Materials and Properties	8	1	0	12
454		E	Structural and Functional Materials	10	5	2	15
455		R	Metallurgy and Material	16	5	4	24
456			Metal Productive Engineering	4	2	0	8
			Material Engineering total	68	20	19	111
461		I	Chemical Engineering in General	12	5	2	15
462			Reaction and Separation Engineering	4	1	3	8
463			Catalyst and Chemical Process	6	3	1	11
464			Bioengineering	7	5	1	14
465			Industrial Analytical Chemistry	9	1	1	10
			Process Engineering total	38	15	8	58
471			Industrial Physical Chemistry	11	4	1	14
472			Industrial Inorganic Chemistry	5	1	2	8
473			Industrial Organic Chemistry	12	4	5	17
474			Synthetic Chemistry	15	3	4	21
475			Polymer Synthesis	13	6	5	25
476			Polymer Structure and Property (inclu. Fiber)	13	3	4	18
			Industrial Chemistry total	69	21	21	103
481			Aeronautics	3	3	1	8
482			Ship Engineering	1	0	1	2
483			Marine Engineering	5	2	2	8
484			Resource Development Engineering	4	0	0	5
			Synthetic Engineering total	13	5	4	23
			ENGINEERING Total	954	281	296	1,552
501	A G R I C U L T U R E		Plant Breeding	2	0	0	2
502			Crop Science	2	0	2	4
503			Horticulture and Landscape Architecture	5	0	2	11
504			Plant Protection	6	2	0	9
505			Sericultural Science and Economic Entomology	2	0	1	5
			Agriculture total	17	2	5	31
511			Plant Fertilizer and Manure and Soil Science	2	1	0	4
512			Applied Microbiochemistry and Applied Biochemistry	14	1	8	31
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	1	5
514			Food Science and Nutritional Chemistry	15	7	12	39

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	5	7	7	4
521			Forestry	1	2	0	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	2	0	0
531	R		Fisheries in General	0	1	3	0
532			Fisheries Chemistry	0	1	1	0
			Fisheries total	0	2	4	0
541	I		Agricultural Economics	1	4	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	1	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	0	1	0	1
561	T		Animal Science and Grassland Science	0	0	0	1
562	U		Applied Animal Science	1	0	2	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	1	0
564			Applied Veterinary Medicine	2	0	2	0
	E		Animal Science·Veterinary Medicine total	3	1	5	1
571			Biological Resource Science	2	0	1	0
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	2	0	2	0
			AGRICULTURE Total	17	19	20	8
601			Anatomy in General (inclu. Histology, Embryology)	3	3	6	1
602			Physiology in General	1	1	3	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	4	2	10	0
604			Pharmacology in General	3	2	7	0
605			Medical Chemistry in General	5	3	7	0
606			Pathological Medical Chemistry	1	1	6	1
			Physiology total	17	12	39	4
611	M		Hominal Pathology	6	5	5	1
612			Experimental Pathology	0	1	2	0
613	E		Parasitology (inclu. Medical Zoology)	0	2	6	2
614	D		Bacteriology (inclu. Eumycetes)	5	3	4	0
615			Virology	1	1	4	2
616	I		Immunology	1	3	7	2
			Pathology total	13	15	28	7
621	C		Hygiene	3	4	4	4
622			Public Health and Health Science	7	5	5	3
623	I		Legal Medicine	1	1	1	3
			Social Medicine total	11	10	10	10
631	N		Internal Medicine in General	3	5	7	1
632			Gastroenterology	8	10	2	2
633	E		Internal Medicine Respiratory System	7	3	1	0
634			Neurological Medicine	1	3	5	2
635			Cardioangiopathy	13	7	10	0
636			Pediatrics	9	4	10	0
637			Dermatology	5	5	2	0
638			Radiology	11	10	4	1
639			Neuropsychiatry	8	3	2	0
641			Hematology	3	3	8	1
642			Internal Medicine of Kidney	3	3	4	1
643			Embryology and Newborn	1	1	0	0
644			Endocrinology	2	0	3	0
645			Metabolic Science	0	4	0	0
			Internal Medicine total	74	61	58	8
651			Surgery in General	6	4	1	0
652			Gastroenterological Surgery	5	9	4	0
653			Thoracic Surgery	3	1	1	0

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	34	10	21	79
521			Forestry	3	0	3	5
522	G		Wood Science	2	0	1	2
			Forestry total	5	0	4	7
531	R		Fisheries in General	8	1	6	17
532			Fisheries Chemistry	0	0	3	4
			Fisheries total	8	1	9	21
541	I		Agricultural Economics	3	0	1	9
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	1	0	6
552	U		Agricultural Machinery	1	0	0	1
553	L		Biological Environment	1	0	0	1
			Agricultural Engineering total	6	1	0	8
561	T		Animal Science and Grassland Science	4	1	1	7
562	U		Applied Animal Science	6	0	2	9
563	R		Basic Veterinary Medicine and Basic Animal Science	11	1	2	16
564			Applied Veterinary Medicine	8	2	4	17
	E		Animal Science·Veterinary Medicine total	29	4	9	49
571			Biological Resource Science	1	0	1	3
572			Applied Molecular Cell Biology	3	0	0	4
			Interdisciplinary Agricultural Science total	4	0	1	7
			AGRICULTURE Total	106	18	50	211
601			Anatomy in General (inclu. Histology, Embryology)	24	4	18	50
602			Physiology in General	13	6	10	29
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	13	1	10	31
604			Pharmacology in General	20	5	15	48
605			Medical Chemistry in General	15	5	12	40
606			Pathological Medical Chemistry	4	1	3	13
			Physiology total	89	22	68	211
611	M		Hominal Pathology	7	4	26	44
612			Experimental Pathology	6	1	7	17
613	E		Parasitology (inclu.Medical Zoology)	5	2	11	23
614	D		Bacteriology (inclu. Eumycetes)	9	4	11	31
615			Virology	6	3	6	14
616	I		Immunology	19	3	12	36
			Pathology total	52	17	73	165
621	C		Hygiene	11	4	22	39
622			Public Health and Health Science	22	5	29	64
623	I		Legal Medicine	5	2	7	14
			Social Medicine total	38	11	58	117
631	N		Internal Medicine in General	20	2	24	52
632			Gastroenterology	17	9	49	80
633	E		Internal Medicine Respiratory System	16	1	35	60
634			Neurological Medicine	14	0	23	44
635			Cardioangiolog	25	3	61	101
636			Pediatrics	18	5	40	70
637			Dermatology	14	3	16	36
638			Radiology	39	7	36	89
639			Neuropsychiatry	32	5	32	70
641			Hematology	12	4	25	47
642			Internal Medicine of Kidney	7	3	22	38
643			Embryology and Newborn	0	0	2	2
644			Endocrinology	4	5	21	31
645			Metabolic Science	11	2	19	33
			Internal Medicine total	229	49	405	753
651			Surgery in General	11	2	30	46
652			Gastroenterological Surgery	29	2	54	90
653			Thoracic Surgery	14	1	25	40

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	9	4	1	0
655			Orthopedic Surgery	12	6	3	0
656			Anesthesiology and Rescue Medicine	3	1	9	0
657			Urology	3	3	2	1
658			Obstetrics and Gynecology	6	8	4	2
659			Oto-rhino-laryngology	2	3	3	0
660			Ophthalmology	2	6	4	0
661			Pediatric Surgery	0	1	1	0
662			Formative Surgery	1	2	1	0
			Surgery total	52	48	34	3
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	1	5	7	0
672			Functional Basic Dentistry	1	2	8	1
673			Morbid Dentistry (inclu. Dental Radiology)	1	1	1	0
674			Conservative Dentistry	6	4	3	0
675			Prosthodontics and Dental Technology	7	4	5	0
676			Oral Surgery	5	8	6	1
677			Orthodontics, Pedodontics and Social Dentistry	5	6	5	1
678			Periodontological Dentistry	2	0	2	0
			Dentistry total	28	30	37	3
681		E	Chemical Pharmaceutics	7	2	9	0
682			Physical Pharmaceutics	5	3	3	0
683			Biopharmaceutics	12	6	6	2
684			Molecular Pharmaceutics	0	1	2	1
685			Environmental Pharmaceutics	1	0	0	0
			Pharmaceutics total	25	12	20	3
691			Medical Sociology	1	2	0	1
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	4	2	1	0
694			Pathological Examination	0	0	1	1
696			Science of Basic and Local Nursing	1	1	2	0
697			Science of Clinical Nursing	0	1	3	1
			Medicine in General total	6	6	7	3
			MEDICINE Total	226	194	233	41
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	1	4	1
703			Physical Education	6	7	7	1
704			Human Geography	1	3	0	0
705			Physical Geography	0	0	0	1
			Geography total	1	3	0	1
706			Home Science (inclu. Cloth/Living Environments)	2	1	3	1
707			Food Culture	1	0	3	0
			Domestic Science total	3	1	6	1
708			Science of Cultural Property	0	0	0	0
711			Science Education	2	1	1	1
712			Educational Engineering	2	2	2	0
713			Curriculum Studies	2	4	1	0
714			Japanese Language Education	1	2	0	1
			Science Education·Curriculum Education total	7	9	4	2
721			Statistics	3	1	7	1
731			Computer Science	4	6	15	4
732			Intelligent Informatics	5	0	13	1
733			Study of Information System (Inclu. Library and Information Science)	5	4	6	2
			Information Science total	14	10	34	7
741			Social System Engineering	2	3	7	5
751			Natural Disaster Science	0	0	0	1
761			Plasma Science and Technology	1	1	4	1
772			Nuclear Fusion	0	0	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
654	M		Neurosurgery	13	1	41	56
655			Orthopedic Surgery	20	7	71	92
656			Anesthesiology and Rescue Medicine	10	1	24	47
657			Urology	23	4	21	50
658			Obstetrics and Gynecology	17	6	42	73
659			Oto-rhino-laryngology	17	4	20	45
660			Ophthalmology	23	3	48	76
661			Pediatric Surgery	5	0	7	11
662			Formative Surgery	6	0	10	17
			Surgery total	188	31	393	643
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	37	0	17	62
672			Functional Basic Dentistry	33	2	13	53
673			Morbid Dentistry (inclu. Dental Radiology)	20	2	4	28
674			Conservative Dentistry	34	2	20	61
675			Prosthodontics and Dental Technology	56	6	26	92
676			Oral Surgery	43	5	33	86
677			Orthodontics, Pedodontics and Social Dentistry	48	1	28	80
678			Periodontological Dentistry	12	0	10	21
			Dentistry total	283	18	151	483
681		E	Chemical Pharmaceutics	55	9	12	79
682			Physical Pharmaceutics	32	5	4	42
683			Biopharmaceutics	65	18	17	107
684			Molecular Pharmaceutics	15	0	3	18
685			Environmental Pharmaceutics	4	1	0	5
			Pharmaceutics total	171	33	36	251
691			Medical Sociology	6	2	5	12
692			Human Genetics	3	0	2	5
693			Applied Pharmacology and Medical Pharmacology	22	1	9	34
694			Pathological Examination	4	3	8	16
696			Science of Basic and Local Nursing	5	1	9	17
697			Science of Clinical Nursing	4	1	7	16
			Medicine in General total	44	8	40	100
			MEDICINE Total	1,094	189	1,224	2,723
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)	6	1	3	8
703			Physical Education	36	2	30	76
704			Human Geography	6	0	4	11
705			Physical Geography	4	0	3	8
			Geography total	10	0	7	19
706			Home Science(inclu. Cloth/Living Environments)	10	1	12	28
707			Food Culture	10	2	10	22
			Domestic Science total	20	3	22	50
708			Science of Cultural Property	0	0	1	1
711			Science Education	3	0	3	8
712			Educational Engineering	7	2	3	18
713			Curriculum Studies	8	0	13	24
714			Japanese Language Education	8	1	9	20
			Science Education·Curriculum Education total	26	3	28	70
721			Statistics	12	4	5	24
731			Computer Science	47	18	18	89
732			Intelligent Informatics	45	9	19	74
733			Study of Information System (Inclu. Library and Information Science)	19	5	10	44
			Information Science total	111	32	47	207
741			Social System Engineering	36	7	17	61
751			Natural Disaster Science	0	1	0	1
761			Plasma Science and Technology	9	1	5	18
772			Nuclear Fusion	1	1	2	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	NTE		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	1	0
			Energy total	0	0	2	0
801	RDI		Environmental Dynamic Analysis	2	1	1	3
802			Environmental Influence Assessment (inclu. Radiobiology)	1	0	2	1
803			Environmental Preservation	1	1	1	4
	C		Environmental Science total	4	2	4	8
811	IPL		Biological Organic Chemistry	1	0	1	1
812			Structured Biochemistry	4	0	2	1
813			Functional Biochemistry	4	2	6	1
	I		Biological Chemistry total	9	2	9	3
821	NAR		Biophysics	1	0	8	0
822			Molecular Biology	1	3	13	0
823			Cell Biology	1	2	6	0
824	Y		Developmental Biology	2	0	0	0
			Basic Biology total	5	5	27	0
831	ARE		Neuroanatomy and Neuropathology	1	3	4	1
832			Neurochemistry and Neuropharmacology	1	2	4	4
833			Neuro Science in General	5	5	8	1
834			Neuro and Muscular Physiology	3	0	9	0
			Neuro Science (inclu. Brain Science) total	10	10	25	6
841			Laboratory Animal Science	1	0	0	0
851			Medical Organism Engineering and Material Science of Organism	6	3	19	1
	INTERDISCIPLINARY AREA Total			72	58	159	39
999	WIDE AREA Total			22	16	8	5
	Item n.a. Total			12	10	6	0
	Grand Total			787	672	883	247

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	2	0	2	4
774			Nuclear Power Science	4	2	1	7
	E		Energy total	7	3	5	15
801	R		Environmental Dynamic Analysis	8	4	4	18
802			Environmental Influence Assessment (inclu. Radiobiology)	6	1	4	14
803	I		Environmental Preservation	13	4	3	23
	S		Environmental Science total	27	9	11	55
811	I		Biological Organic Chemistry	11	2	5	18
812			Structured Biochemistry	10	4	1	18
813	P		Functional Biochemistry	16	3	11	36
	L		Biological Chemistry total	37	9	17	72
821	N		Biophysics	6	0	4	17
822	A		Molecular Biology	19	7	13	50
823			Cell Biology	10	2	9	28
824	R		Developmental Biology	6	2	3	12
	Y		Basic Biology total	41	11	29	107
831	A		Neuroanatomy and Neuropathology	4	2	11	21
832			Neurochemistry and Neuropharmacology	11	1	6	28
833	E		Neuro Science in General	11	3	10	36
834			Neuro and Muscular Physiology	5	3	12	27
			Neuro Science (inclu. Brain Science) total	31	9	39	112
841			Laboratory Animal Science	5	0	1	6
851			Medical Organism Engineering and Material Science of Organism	43	11	16	75
	INTERDISCIPLINARY AREA Total			457	106	283	977
999	WIDE AREA Total			39	10	40	97
	Item n.a. Total			20	6	14	56
	Grand Total			3,798	749	2,499	7,938

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	9	13	11	0
212			Chinese Philosophy	8	10	2	3
213			Indian Philosophy (inclu. Buddhist Studies)	17	12	11	0
214			Religion	20	7	7	0
215			Ethics	8	3	5	2
216			History of Philosophy	2	4	2	1
217			Aesthetics (inclu. Arts)	29	41	6	11
218			Art History	16	2	5	0
		Philosophy total	109	92	49	17	
221			Experimental Psychology	7	1	78	6
222			Educational and Social	14	17	65	1
223			Sociology	42	36	32	8
224			Education	25	36	49	8
225			Cultural Anthropology (inclu. Ethnology and Folklore)	20	28	23	1
		Psychology•Sociology•Education Cultural Anthropology total	108	118	247	24	
231			Japanese History	13	17	7	2
232			Oriental History	27	28	16	8
233			European History	14	8	7	2
234			Archaeology (inclu. Prehistory)	16	6	10	2
		History total	70	59	40	14	
241			Japanese Language	8	7	4	8
242			Japanese Literature	15	16	3	5
243			Chinese Language and Literature	19	6	7	4
244			English Language and Literature	21	24	13	2
245			French Language and Literature	2	12	3	2
246			German Language and Literature	3	14	6	0
247			Other Foreign Languages and Literatures	13	12	8	4
248			Linguistics and Phonetics	16	27	42	11
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	8	8	1	0
		Literature total	105	126	87	36	
	ARTS•HUMANITIES Total			392	395	423	91
261	LAW		Basic Science of Law	7	7	6	0
262			Public Law	9	2	6	1
263			International Law	21	8	2	21
264			Civil Law	8	13	3	8
265			Social Law	1	6	3	0
266			Criminal Law	2	2	1	1
267			Politics	45	49	22	17
	LAW Total			93	87	43	48
271	ECONOMICS		General Theory of Economics	28	26	40	6
272			Economical Statistics	6	1	6	8
273			Economic Policy (inclu. Economic Condition)	47	43	38	34
274			Economic History	14	9	6	2
275			Public Finance, Money and Banking	11	8	8	10
276			Commercial Science	4	3	1	0
277			Business Administration	25	21	16	2
278			Accounting	6	7	8	0
	ECONOMICS Total			141	118	123	62
301	SCIENCE		Algebra	24	19	66	0
302			Geometry	19	10	74	5
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	20	139	0
305			Basic Analysis	10	10	118	1
306			Larger-area Analysis	14	8	69	2
		Mathematics total	81	67	466	8	
311		Astronomy	7	10	75	9	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	39	32	245	9	

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
211	ARTS・HUMANITIES		Philosophy	13	1	16	61
212			Chinese Philosophy	3	3	9	34
213			Indian Philosophy (inclu. Buddhist Studies)	17	2	10	52
214			Religion	13	4	12	61
215			Ethics	3	1	6	26
216			History of Philosophy	3	2	4	18
217			Aesthetics (inclu. Arts)	24	1	43	147
218			Art History	4	1	8	35
			Philosophy total	80	15	108	434
221			Experimental Psychology	78	20	70	241
222			Educational and Social	68	10	143	303
223			Sociology	71	17	66	244
224			Education	45	10	84	236
225			Cultural Anthropology (inclu. Ethnology and Folklore)	18	6	20	106
		Psychology・Sociology・Education Cultural Anthropology total	280	63	383	1,130	
231			Japanese History	9	4	14	62
232			Oriental History	22	9	40	146
233			European History	12	1	13	53
234			Archaeology (inclu. Prehistory)	5	4	11	46
		History total	48	18	78	307	
241			Japanese Language	5	0	13	44
242			Japanese Literature	12	0	18	67
243			Chinese Language and Literature	39	2	40	109
244			English Language and Literature	81	11	71	215
245			French Language and Literature	7	3	7	32
246			German Language and Literature	9	2	9	40
247			Other Foreign Languages and Literatures	22	2	38	94
248			Linguistics and Phonetics	80	10	69	250
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	1	12	38
		Literature total	264	31	277	889	
	ARTS・HUMANITIES Total			672	127	846	2,760
261	LAW		Basic Science of Law	5	2	10	35
262			Public Law	4	2	8	32
263			International Law	17	13	5	86
264			Civil Law	8	7	18	64
265			Social Law	2	0	4	15
266			Criminal Law	4	1	5	15
267			Politics	33	25	43	230
	LAW Total			73	50	93	477
271	ECONOMICS		General Theory of Economics	42	15	29	169
272			Economical Statistics	14	1	8	40
273			Economic Policy (inclu. Economic Condition)	57	23	49	285
274			Economic History	16	0	9	46
275			Public Finance, Money and Banking	16	2	12	63
276			Commercial Science	17	1	6	31
277			Business Administration	55	12	55	185
278			Accounting	10	5	6	40
	ECONOMICS Total			227	59	174	859
301	SCIENCE		Algebra	9	2	15	127
302			Geometry	13	1	18	135
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	47	15	37	257
305			Basic Analysis	19	4	26	175
306			Larger-area Analysis	20	2	15	118
		Mathematics total	108	24	111	812	
311		Astronomy	19	21	16	143	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Phvsics	92	29	101	505

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)	15	13	83	19
323			Solid-State Physics II (Magnetism, Metal Physics,	19	20	148	24
324			Physical Properties in General (inclu. Basic Theories)	28	16	68	4
325			Physics in General	18	13	66	20
			Physics total	119	94	610	76
331			Physics of Solid Earth	8	8	63	5
332			Meteorology, Oceanography and Hydrology	20	27	98	48
333			Aeronomy	5	9	65	4
334			Geology	2	4	18	6
335			Stratigraphy and Paleontology	2	5	10	2
336			Mineralogy, Petrology and Study of Mineral Deposit	4	7	41	4
337			Geochemistry	6	2	14	4
			Earth Science total	47	62	309	73
341			Physical Chemistry	40	17	206	23
342			Organic Chemistry	40	9	151	5
343			Inorganic Chemistry	6	5	99	7
344			Function, Properties and Materials in Chemistry	12	6	89	9
345			Substance Transformation	1	0	7	0
346			Separation, Refining and Identification	11	6	32	3
			Chemistry total	110	43	584	47
351			Genetics	8	14	31	1
352			Ecology	13	7	34	6
353			Plant Physiology	11	11	51	13
354			Morphology, Structure of Organism	8	10	20	4
355			Animal Physiology and	13	4	25	11
356			Morphology and Taxonomy	10	1	20	2
			Biology total	63	47	181	37
361			Physical Anthropology (inclu. Physiological Anthropology)	3	6	19	1
	SCIENCE Total			430	329	2,244	251
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	12	2	63	8
402			Surface Physics	8	8	35	12
403			Applied Optics and Quantum Optics	10	4	74	16
404			General Applied Physics	5	3	23	3
405			Fundamentals of Engineering	2	3	39	0
			Applied Physics·Fundamentals of Engineering total	37	20	234	39
411			Materials for Machines and Strength of Materials	4	7	99	7
412			Workshop Processes and Production Engineering	8	10	55	9
413			Design Engineering, Machine Elements and Tribology	2	2	42	2
414			Fluid Mechanics	9	16	87	11
415			Heat Engineering	9	21	62	14
416			Mechanics and Control Engineering	4	4	34	6
417			Intelligent Mechanics and Machine System	2	8	98	13
			Machine Engineering total	38	68	477	62
421			Electric Power Engineering and Electric Machinery	7	13	80	8
422			Electronic and Electric Materials Engineering	11	10	126	8
423			Electron Devices and Apparatus Engineering	11	8	115	10
424			Information and Communication Engineering	16	32	168	48

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)	64	63	50	304
323			Solid-State Physics II (Magnetism, Metal Physics,	63	50	67	369
324			Physical Properties in General (inclu. Basic Theories)	40	30	28	201
325			Physics in General	32	26	41	206
			Physics total	291	198	287	1,585
331			Physics of Solid Earth	29	27	35	144
332			Meteorology, Oceanography and Hydrology	39	25	30	274
333			Aeronomy	58	1	9	88
334			Geology	2	4	36	72
335			Stratigraphy and Paleontology	11	4	33	65
336			Mineralogy, Petrology and Study of Mineral Deposit	8	16	35	115
337			Geochemistry	17	18	29	88
			Earth Science total	164	95	207	846
341			Physical Chemistry	119	89	121	579
342			Organic Chemistry	98	82	82	437
343			Inorganic Chemistry	60	41	81	288
344			Function, Properties and Materials in Chemistry	59	63	37	260
345			Substance Transformation	11	1	7	25
346			Separation, Refining and Identification	31	27	55	160
			Chemistry total	378	303	383	1,749
351			Genetics	11	14	16	87
352			Ecology	31	9	47	132
353			Plant Physiology	29	16	33	154
354			Morphology, Structure of Organism	16	19	17	93
355			Animal Physiology and	13	7	30	100
356			Morphology and Taxonomy	11	8	23	70
			Biology total	111	73	166	636
361			Physical Anthropology (inclu. Physiological Anthropology)	8	9	11	44
	SCIENCE Total			1,079	723	1,181	5,815
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	73	86	39	271
402			Surface Physics	40	32	29	155
403			Applied Optics and Quantum Optics	66	86	43	293
404			General Applied Physics	22	11	5	63
405			Fundamentals of Engineering	17	1	10	64
			Applied Physics·Fundamentals of Engineering total	218	216	126	846
411			Materials for Machines and Strength of Materials	114	160	57	433
412			Workshop Processes and Production Engineering	88	102	47	307
413			Design Engineering, Machine Elements and Tribology	26	41	28	138
414			Fluid Mechanics	80	151	70	419
415			Heat Engineering	83	120	54	338
416			Mechanics and Control Engineering	75	64	36	205
417			Intelligent Mechanics and Machine System	78	104	50	346
			Machine Engineering total	544	742	342	2,186
421	G		Electric Power Engineering and Electric Machinery	119	165	61	441
422			Electronic and Electric Materials Engineering	148	128	48	469
423			Electron Devices and Apparatus Engineering	166	148	49	492
424			Information and Communication Engineering	253	367	113	960

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	18	10	68	8
427			Electronic Measurements	4	6	34	3
428			Control Engineering	1	9	66	3
			Electric and Electronic Engineering	68	88	657	88
431			Construction Materials and Dynamics in General Civil Engineering	14	5	18	5
432			Structural Engineering and Seismology	8	9	24	0
433			Ground Engineering	9	10	29	5
434			Hydraulics and River Engineering	4	12	44	12
435			Traffic Engineering and Regional Planning	6	12	30	5
436			Civil Environmental System	26	4	25	19
			Civil Engineering total	67	52	170	46
441		N	Building Structure and Materials	7	12	38	21
442			Building Science and Building Equipment	14	6	16	8
443			City Planning and Building Planning	36	14	34	3
444		I	Architectural History and Design	8	11	7	1
			Architecture total	65	43	95	33
451		N	Physical Metallurgy	12	7	71	5
452			Inorganic Materials and	9	7	49	10
453			Composed Materials and Properties	6	3	16	7
454		E	Structural and Functional Materials	24	8	64	8
455		R	Metallurgy and Material	9	7	43	4
456			Metal Productive Engineering	8	4	20	2
			Material Engineering total	68	36	263	36
461		G	Chemical Engineering in General	9	9	40	9
462			Reaction and Separation Engineering	5	5	26	8
463			Catalyst and Chemical Process	6	4	34	5
464			Bioengineering	4	7	48	15
465			Industrial Analytical Chemistry	4	0	33	2
			Process Engineering total	28	25	181	39
471			Industrial Physical Chemistry	15	10	69	26
472			Industrial Inorganic Chemistry	1	1	26	4
473			Industrial Organic Chemistry	8	4	41	21
474			Synthetic Chemistry	15	6	46	11
475			Polymer Synthesis	15	8	41	12
476			Polymer Structure and Property (inclu. Fiber)	26	11	30	11
			Industrial Chemistry total	80	40	253	85
481			Aeronautics	1	6	34	3
482			Ship Engineering	2	3	21	1
483			Marine Engineering	3	0	5	0
484			Resource Development Engineering	7	5	32	6
			Synthetic Engineering total	13	14	92	10
	ENGINEERING Total			464	386	2,422	438
501	A G R I C U L T U R E		Plant Breeding	5	3	26	1
502			Crop Science	4	6	11	3
503			Horticulture and Landscape Architecture	12	1	32	3
504			Plant Protection	5	8	24	0
505			Sericultural Science and Economic Entomology	3	1	5	0
			Agriculture total	29	19	98	7
511			Plant Fertilizer and Manure and Soil Science	7	5	15	3
512			Applied Microbiochemistry and Applied Biochemistry	15	10	64	20
513			Biological Productive Chemistry and Bioorganic Chemistry	4	1	19	0
514			Food Science and Nutritional Chemistry	22	28	23	7

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	61	40	34	229
427			Electronic Measurements	50	63	30	188
428			Control Engineering	37	82	55	242
			Electric and Electronic Engineering	834	993	390	3,021
431			Construction Materials and Dynamics in General Civil Engineering	38	56	13	143
432			Structural Engineering and Seismology	42	71	21	162
433			Ground Engineering	30	78	27	164
434			Hydraulics and River Engineering	48	91	42	225
435			Traffic Engineering and Regional Planning	34	52	29	143
436			Civil Environmental System	20	45	18	149
			Civil Engineering total	212	393	150	986
441		N	Building Structure and Materials	71	74	51	260
442			Building Science and Building Equipment	44	31	29	136
443			City Planning and Building Planning	41	23	53	191
444		I	Architectural History and Design	3	8	9	43
			Architecture total	159	136	142	630
451		N	Physical Metallurgy	39	66	15	195
452			Inorganic Materials and	57	91	39	241
453			Composed Materials and Properties	21	28	14	92
454		E	Structural and Functional Materials	39	100	20	246
455		R	Metallurgy and Material	32	102	21	215
456			Metal Productive Engineering	16	51	6	99
			Material Engineering total	204	438	115	1,088
461		G	Chemical Engineering in General	45	89	19	198
462			Reaction and Separation Engineering	27	80	12	154
463			Catalyst and Chemical Process	23	72	15	153
464			Bioengineering	30	43	22	161
465			Industrial Analytical Chemistry	16	26	10	84
			Process Engineering total	141	310	78	750
471			Industrial Physical Chemistry	84	86	27	286
472			Industrial Inorganic Chemistry	14	40	9	78
473			Industrial Organic Chemistry	24	22	9	120
474			Synthetic Chemistry	50	97	59	263
475			Polymer Synthesis	53	71	35	185
476			Polymer Structure and Property (inclu. Fiber)	49	56	28	180
			Industrial Chemistry total	274	372	167	1,112
481			Aeronautics	28	38	21	123
482			Ship Engineering	9	27	10	73
483			Marine Engineering	10	15	3	36
484			Resource Development Engineering	16	31	1	88
			Synthetic Engineering total	63	111	35	320
			ENGINEERING Total	2,649	3,711	1,545	10,939
501	A G R I C U L T U R E		Plant Breeding	5	11	17	66
502			Crop Science	7	5	10	37
503			Horticulture and Landscape Architecture	12	18	33	106
504			Plant Protection	25	23	25	100
505			Sericultural Science and Economic Entomology	4	1	7	19
			Agriculture total	53	58	92	328
511			Plant Fertilizer and Manure and Soil Science	6	7	7	49
512			Applied Microbiochemistry and Applied Biochemistry	44	57	29	205
513			Biological Productive Chemistry and Bioorganic Chemistry	10	41	8	71
514			Food Science and Nutritional Chemistry	43	82	47	237

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	48	44	121	30
521			Forestry	15	12	30	8
522	G		Wood Science	4	5	26	2
			Forestry total	19	17	56	10
531	R		Fisheries in General	13	9	72	6
532			Fisheries Chemistry	2	3	27	1
			Fisheries total	15	12	99	7
541	I		Agricultural Economics	4	17	13	5
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	2	9	15	4
552	U		Agricultural Machinery	3	1	17	0
553	L		Biological Environment	1	0	8	2
			Agricultural Engineering total	6	10	40	6
561	T		Animal Science and Grassland Science	3	3	12	3
562	U		Applied Animal Science	5	6	26	3
563	R		Basic Veterinary Medicine and Basic Animal Science	12	10	25	3
564			Applied Veterinary Medicine	4	4	10	3
	E		Animal Science·Veterinary Medicine total	24	23	73	12
571			Biological Resource Science	2	4	10	4
572			Applied Molecular Cell Biology	7	1	9	3
			Interdisciplinary Agricultural Science total	9	5	19	7
			AGRICULTURE Total	154	147	519	84
601			Anatomy in General (inclu. Histology, Embryology)	9	7	42	6
602			Physiology in General	5	7	49	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	13	4	31	2
604			Pharmacology in General	13	8	21	3
605			Medical Chemistry in General	23	21	50	5
606			Pathological Medical Chemistry	9	4	30	6
			Physiology total	72	51	223	24
611	M		Hominal Pathology	9	8	20	6
612	E		Experimental Pathology	7	11	22	11
613	D		Parasitology (inclu. Medical Zoology)	9	8	28	10
614			Bacteriology (inclu. Eumycetes)	14	11	29	5
615	I		Virology	13	9	30	12
616			Immunology	21	15	62	4
			Pathology total	73	62	191	48
621	C		Hygiene	9	6	27	7
622	I		Public Health and Health Science	29	20	28	13
623			Legal Medicine	2	6	7	10
			Social Medicine total	40	32	62	30
631	N		Internal Medicine in General	12	16	33	3
632	E		Gastroenterology	36	30	31	2
633			Internal Medicine Respiratory System	21	7	16	4
634			Neurological Medicine	15	18	35	7
635			Cardioangiopathy	40	14	42	1
636			Pediatrics	27	12	37	2
637			Dermatology	15	17	12	11
638			Radiology	45	34	29	1
639			Neuropsychiatry	20	14	33	2
641			Hematology	11	5	34	4
642			Internal Medicine of Kidney	16	5	7	2
643			Embryology and Newborn	2	2	2	0
644			Endocrinology	3	6	7	2
645			Metabolic Science	11	7	15	0
			Internal Medicine total	274	187	333	41
651			Surgery in General	18	11	11	2
652			Gastroenterological Surgery	39	35	24	1
653			Thoracic Surgery	7	3	9	3

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	103	187	91	562
521			Forestry	15	15	28	93
522	G		Wood Science	31	32	21	98
			Forestry total	46	47	49	191
531	R		Fisheries in General	21	25	39	180
532			Fisheries Chemistry	6	12	6	51
			Fisheries total	27	37	45	231
541	I		Agricultural Economics	5	2	20	66
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	15	19	73
552	U		Agricultural Machinery	14	24	13	61
553	L		Biological Environment	6	10	7	34
			Agricultural Engineering total	32	49	39	168
561	T		Animal Science and Grassland Science	11	16	17	65
562	U		Applied Animal Science	13	25	16	78
563	R		Basic Veterinary Medicine and Basic Animal Science	21	13	14	94
564			Applied Veterinary Medicine	19	9	9	58
	E		Animal Science·Veterinary Medicine total	64	63	56	295
571			Biological Resource Science	6	2	2	27
572			Applied Molecular Cell Biology	3	3	2	22
			Interdisciplinary Agricultural Science total	9	5	4	49
			AGRICULTURE Total	339	448	396	1,890
601			Anatomy in General (inclu. Histology, Embryology)	34	26	50	170
602			Physiology in General	32	33	49	167
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	25	12	34	120
604			Pharmacology in General	35	37	36	145
605			Medical Chemistry in General	27	31	36	184
606			Pathological Medical Chemistry	15	9	13	82
			Physiology total	168	148	218	868
611	M		Hominal Pathology	26	36	66	171
612			Experimental Pathology	24	26	42	135
613	E		Parasitology (inclu. Medical Zoology)	12	5	21	92
614	D		Bacteriology (inclu. Eumycetes)	22	36	29	140
615			Virology	16	13	27	109
616	I		Immunology	34	31	42	195
			Pathology total	134	147	227	842
621	C		Hygiene	22	16	52	139
622			Public Health and Health Science	29	36	71	204
623	I		Legal Medicine	21	15	23	83
			Social Medicine total	72	67	146	426
631	N		Internal Medicine in General	42	20	107	227
632			Gastroenterology	56	36	198	352
633	E		Internal Medicine Respiratory System	27	10	100	179
634			Neurological Medicine	28	18	97	211
635			Cardioangiopathy	63	103	209	461
636			Pediatrics	37	25	130	269
637			Dermatology	41	30	49	173
638			Radiology	119	63	140	417
639			Neuropsychiatry	51	23	94	236
641			Hematology	23	26	81	180
642			Internal Medicine of Kidney	16	51	72	165
643			Embryology and Newborn	0	4	6	16
644			Endocrinology	7	23	55	102
645			Metabolic Science	25	16	59	125
			Internal Medicine total	535	448	1,397	3,113
651			Surgery in General	20	28	83	172
652			Gastroenterological Surgery	77	55	149	362
653			Thoracic Surgery	27	17	75	140

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	41	20	13	0
655			Orthopedic Surgery	38	24	34	2
656			Anesthesiology and Rescue Medicine	11	11	53	0
657			Urology	22	25	9	1
658			Obstetrics and Gynecology	27	24	17	5
659			Oto-rhino-laryngology	7	6	25	2
660			Ophthalmology	34	19	26	0
661			Pediatric Surgery	1	1	6	0
662			Formative Surgery	3	3	1	0
			Surgery total	248	182	228	16
671	E		Oral Anatomy and Morphological Basic Dentistry	2	9	35	1
672	D		Functional Basic Dentistry	5	7	48	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	13	3
674	C		Conservative Dentistry	14	10	25	2
675	I		Prosthodontics and Dental Technology	13	9	44	0
676	N		Oral Surgery	12	42	38	4
677	E		Orthodontics, Pedodontics and Social Dentistry	28	16	65	2
678			Periodontological Dentistry	7	3	32	0
			Dentistry total	82	97	300	14
681			Chemical Pharmaceutics	26	15	50	2
682			Physical Pharmaceutics	18	6	43	3
683			Biopharmaceutics	37	12	43	6
684			Molecular Pharmaceutics	6	2	12	4
685			Environmental Pharmaceutics	1	0	0	0
			Pharmaceutics total	88	35	148	15
691			Medical Sociology	2	6	6	1
692			Human Genetics	1	1	9	0
693			Applied Pharmacology and Medical Pharmacology	12	3	4	3
694			Pathological Examination	5	1	6	1
696			Science of Basic and Local Nursing	4	3	9	0
697			Science of Clinical Nursing	3	13	14	3
			Medicine in General total	27	27	48	8
			MEDICINE Total	904	673	1,533	196
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)	2	4	5	2
703			Physical Education	17	17	45	2
704			Human Geography	3	8	17	2
705			Physical Geography	1	1	15	2
			Geography total	4	9	32	4
706			Home Science (inclu. Cloth/Living Environments)	7	2	15	1
707			Food Culture	2	0	10	0
			Domestic Science total	9	2	25	1
708			Science of Cultural Property	0	1	2	1
711			Science Education	6	6	14	4
712			Educational Engineering	3	5	37	2
713			Curriculum Studies	11	9	17	0
714			Japanese Language Education	4	5	9	9
			Science Education·Curriculum Education total	24	25	77	15
721			Statistics	8	1	47	1
731			Computer Science	13	17	208	18
732			Intelligent Informatics	7	5	201	23
733			Study of Information System (Inclu. Library and Information Science)	12	7	52	7
			Information Science total	32	29	461	48
741			Social System Engineering	8	14	61	10
751			Natural Disaster Science	5	14	9	7
761			Plasma Science and Technology	6	6	100	6
772			Nuclear Fusion	1	4	50	2

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	43	36	146	298
655			Orthopedic Surgery	40	73	362	567
656			Anesthesiology and Rescue Medicine	28	31	120	247
657			Urology	67	49	89	264
658			Obstetrics and Gynecology	34	19	144	269
659			Oto-rhino-laryngology	32	39	75	177
660			Ophthalmology	84	23	125	296
661			Pediatric Surgery	10	6	30	49
662			Formative Surgery	11	5	20	43
				Surgery total	473	381	1,418
671	E		Oral Anatomy and Morphological Basic Dentistry	55	3	37	142
672	D		Functional Basic Dentistry	46	14	26	148
673	I		Morbid Dentistry (inclu. Dental Radiology)	31	10	12	71
674	C		Conservative Dentistry	73	17	54	195
675	I		Prosthodontics and Dental Technology	80	25	115	286
676	N		Oral Surgery	89	18	121	324
677	E		Orthodontics, Pedodontics and Social Dentistry	89	30	98	328
678			Periodontological Dentistry	32	9	14	97
			Dentistry total	495	126	477	1,591
681				Chemical Pharmaceutics	125	59	20
682		Physical Pharmaceutics		71	34	17	182
683		Biopharmaceutics		115	91	37	325
684		Molecular Pharmaceutics		43	16	12	81
685		Environmental Pharmaceutics		4	2	1	8
			Pharmaceutics total	358	202	87	871
691			Medical Sociology	9	11	12	46
692			Human Genetics	6	1	8	27
693			Applied Pharmacology and Medical Pharmacology	44	17	25	107
694			Pathological Examination	18	15	21	66
696	Science of Basic and Local Nursing		11	2	28	57	
697	Science of Clinical Nursing		20	6	41	100	
		Medicine in General total	108	52	135	403	
	MEDICINE Total			2,343	1,571	4,105	10,998
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)	13	3	10	31
703			Physical Education	68	15	88	249
704			Human Geography	10	0	20	57
705			Physical Geography	4	2	34	59
			Geography total	14	2	54	116
706			Home Science(inclu. Cloth/Living Environments)	17	2	32	76
707			Food Culture	15	3	28	58
			Domestic Science total	32	5	60	134
708			Science of Cultural Property	2	1	1	8
711			Science Education	11	3	25	67
712	A R E A		Educational Engineering	12	29	11	98
713			Curriculum Studies	16	0	57	109
714			Japanese Language Education	12	2	31	71
			Science Education·Curriculum Education total	51	34	124	345
721		Statistics	23	16	17	111	
731		Computer Science	126	168	75	596	
732		Intelligent Informatics	119	169	107	608	
733	I		Study of Information System (Inclu. Library and Information Science)	44	48	21	171
			Information Science total	289	385	203	1,375
741			Social System Engineering	72	28	48	235
751			Natural Disaster Science	5	6	9	23
761			Plasma Science and Technology	29	57	34	216
772			Nuclear Fusion	7	24	10	84

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	1	3	16	8
774	T		Nuclear Power Science	1	5	30	4
	E		Energy total	3	12	96	14
801	R		Environmental Dynamic Analysis	7	6	38	21
802	D		Environmental Influence Assessment (inclu. Radiobiology)	7	0	24	2
803	S		Environmental Preservation	10	11	19	10
	C		Environmental Science total	24	17	81	33
811	I		Biological Organic Chemistry	6	1	34	10
812	P		Structured Biochemistry	11	1	24	3
813	L		Functional Biochemistry	13	8	31	6
	I		Biological Chemistry total	30	10	89	19
821	N		Biophysics	21	9	57	24
822	A		Molecular Biology	24	23	151	27
823	R		Cell Biology	14	7	80	8
824	Y		Developmental Biology	17	5	31	10
			Basic Biology total	76	44	319	69
831	A		Neuroanatomy and Neuropathology	3	4	28	1
832	E		Neurochemistry and Neuropharmacology	3	7	24	12
833	A		Neuro Science in General	16	16	61	11
834			Neuro and Muscular Physiology	9	0	35	5
			Neuro Science (inclu. Brain Science) total	31	27	148	29
841			Laboratory Animal Science	2	0	7	4
851			Medical Organism Engineering and Material Science of Organism	29	11	184	19
			INTERDISCIPLINARY AREA Total	310	243	1,788	284
999			WIDE AREA Total	47	37	34	23
			Item n.a. Total	26	30	62	5
			Grand Total	2,961	2,445	9,191	1,482

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	4	8	9	41
774	T		Nuclear Power Science	15	34	14	78
	E		Energy total	26	66	33	203
801	R		Environmental Dynamic Analysis	29	35	19	139
802	D		Environmental Influence Assessment (inclu. Radiobiology)	11	19	22	79
803	S		Environmental Preservation	29	27	15	112
	C		Environmental Science total	69	81	56	330
811	I		Biological Organic Chemistry	22	31	25	122
812	P		Structured Biochemistry	25	23	13	91
813	L		Functional Biochemistry	25	30	25	136
	I		Biological Chemistry total	72	84	63	349
821	N		Biophysics	23	32	29	169
822	A		Molecular Biology	46	44	48	330
823	R		Cell Biology	29	23	39	186
824	Y		Developmental Biology	10	7	35	105
			Basic Biology total	108	106	151	790
831	A		Neuroanatomy and Neuropathology	10	8	42	92
832	E		Neurochemistry and Neuropharmacology	24	12	16	97
833	A		Neuro Science in General	27	22	37	179
834			Neuro and Muscular Physiology	18	20	24	109
			Neuro Science (inclu. Brain Science) total	79	62	119	477
841			Laboratory Animal Science	8	11	3	33
851			Medical Organism Engineering and Material Science of Organism	90	94	87	485
			INTERDISCIPLINARY AREA Total	1,050	1,056	1,160	5,510
999			WIDE AREA Total	67	49	100	319
			Item n.a. Total	77	77	62	336
			Grand Total	8,576	7,871	9,662	39,903

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	3	4	9	0
212			Chinese Philosophy	4	3	2	3
213			Indian Philosophy (inclu. Buddhist Studies)	4	4	6	0
214			Religion	3	1	5	0
215			Ethics	8	2	4	2
216			History of Philosophy	0	0	0	0
217			Aesthetics (inclu. Arts)	10	17	4	1
218			Art History	10	2	5	0
			Philosophy total	42	33	35	6
221		Psychology • Sociology • Education	Experimental Psychology	3	0	60	0
222			Educational and Social	7	7	48	0
223			Sociology	6	15	17	4
224			Education	10	19	49	5
225			Cultural Anthropology (inclu. Ethnology and Folklore)	8	8	16	0
			Psychology • Sociology • Education Cultural Anthropology total	34	49	190	9
231		History	Japanese History	7	5	3	0
232			Oriental History	12	14	13	5
233			European History	8	1	6	1
234			Archaeology (inclu. Prehistory)	8	5	8	1
			History total	35	25	30	7
241		Literature	Japanese Language	6	5	4	2
242			Japanese Literature	3	4	1	3
243			Chinese Language and Literature	11	0	5	1
244			English Language and Literature	2	1	4	0
245			French Language and Literature	2	5	3	2
246			German Language and Literature	0	3	3	0
247			Other Foreign Languages and Literatures	8	3	8	1
248			Linguistics and Phonetics	8	7	31	9
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	3	1	0
			Literature total	42	31	60	18
			ARTS • HUMANITIES Total	153	138	315	40
261	LAW	Basic Science of Law	Basic Science of Law	4	2	5	0
262			Public Law	4	1	1	0
263			International Law	8	6	2	5
264			Civil Law	5	5	2	3
265			Social Law	0	0	1	0
266			Criminal Law	0	2	1	0
267			Politics	11	8	11	8
			LAW Total	32	24	23	16
271	ECONOMICS	General Theory of Economics	General Theory of Economics	11	6	25	2
272			Economical Statistics	2	0	3	0
273			Economic Policy (inclu. Economic Condition)	11	14	23	10
274			Economic History	6	5	4	2
275			Public Finance, Money and Banking	3	2	5	5
276			Commercial Science	0	0	1	0
277			Business Administration	11	5	11	0
278			Accounting	1	4	3	0
			ECONOMICS Total	45	36	75	19
301	SCIENCE	Mathematics	Algebra	23	6	43	0
302			Geometry	8	5	47	3
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	20	108	0
305			Basic Analysis	7	6	96	1
306			Larger-area Analysis	12	6	52	2
			Mathematics total	64	43	346	6
311			Astronomy	6	10	74	9
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	29	24	216	7

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	0	0	6	21
212			Chinese Philosophy	0	1	4	15
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	1	11
214			Religion	1	3	4	16
215			Ethics	0	1	2	17
216			History of Philosophy	0	2	1	3
217			Aesthetics (inclu. Arts)	2	1	17	48
218			Art History	2	1	6	25
			Philosophy total	6	9	41	156
221			Experimental Psychology	10	13	37	104
222			Educational and Social	8	7	80	148
223			Sociology	3	4	21	63
224			Education	12	6	49	135
225			Cultural Anthropology (inclu. Ethnology and Folklore)	4	1	6	38
			Psychology • Sociology • Education Cultural Anthropology total	37	31	193	488
231			Japanese History	0	2	6	23
232			Oriental History	3	5	15	64
233			European History	2	1	6	24
234			Archaeology (inclu. Prehistory)	3	4	8	29
			History total	8	12	35	140
241			Japanese Language	0	0	7	24
242			Japanese Literature	0	0	6	17
243			Chinese Language and Literature	6	0	23	40
244			English Language and Literature	1	3	20	30
245			French Language and Literature	1	0	3	12
246			German Language and Literature	2	0	4	10
247			Other Foreign Languages and Literatures	2	0	14	35
248			Linguistics and Phonetics	6	3	29	92
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	6	11
			Literature total	18	6	112	271
			ARTS • HUMANITIES Total	69	58	381	1,055
261	LAW		Basic Science of Law	1	2	3	15
262			Public Law	0	1	6	13
263			International Law	1	8	1	30
264			Civil Law	0	3	12	30
265			Social Law	0	0	2	3
266			Criminal Law	1	1	0	4
267			Politics	1	9	17	63
			LAW Total	4	24	41	158
271	ECONOMICS		General Theory of Economics	6	6	7	48
272			Economical Statistics	2	0	7	11
273			Economic Policy (inclu. Economic Condition)	9	13	19	93
274			Economic History	4	0	5	17
275			Public Finance, Money and Banking	0	1	6	19
276			Commercial Science	0	1	3	5
277			Business Administration	2	6	9	44
278			Accounting	0	1	1	8
			ECONOMICS Total	23	28	57	245
301	SCIENCE		Algebra	1	2	11	79
302			Geometry	2	0	15	76
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	6	13	23	173
305			Basic Analysis	1	4	20	122
306			Larger-area Analysis	4	1	12	79
			Mathematics total	14	20	81	529
311			Astronomy	13	21	14	133
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	43	23	82	384

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	14	11	70	18
323			Solid-State Physics II (Magnetism, Metal Physics,	17	20	121	22
324			Physical Properties in General (inclu. Basic Theories)	24	15	55	4
325			Physics in General	15	5	54	20
			Physics total	99	75	516	71
331			Physics of Solid Earth	8	8	63	4
332			Meteorology, Oceanography and Hydrology	20	27	88	43
333			Aeronomy	1	7	63	1
334			Geology	2	2	17	2
335			Stratigraphy and Paleontology	0	4	9	1
336			Mineralogy, Petrology and Study of Mineral Deposit	4	7	36	3
337			Geochemistry	5	2	13	4
			Earth Science total	40	57	289	58
341			Physical Chemistry	18	15	169	23
342			Organic Chemistry	36	6	134	5
343			Inorganic Chemistry	5	5	70	3
344			Function, Properties and Materials in Chemistry	8	6	81	5
345			Substance Transformation	1	0	7	0
346			Separation, Refining and Identification	5	6	31	3
			Chemistry total	73	38	492	39
351			Genetics	8	8	23	1
352			Ecology	5	7	31	3
353			Plant Physiology	8	7	45	7
354			Morphology, Structure of Organism	6	9	17	3
355			Animal Physiology and	9	2	23	9
356			Morphology and Taxonomy	6	1	18	2
			Biology total	42	34	157	25
361			Physical Anthropology (inclu. Physiological Anthropology)	2	4	15	0
	SCIENCE Total			326	261	1,889	208
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	6	1	54	8
402			Surface Physics	7	6	34	10
403			Applied Optics and Quantum Optics	6	4	64	13
404			General Applied Physics	4	3	20	2
405			Fundamentals of Engineering	2	2	37	0
			Applied Physics-Fundamentals of Engineering total	25	16	209	33
411			Materials for Machines and Strength of Materials	3	5	87	4
412			Workshop Processes and Production Engineering	6	5	39	8
413			Design Engineering, Machine Elements and Tribology	1	2	34	0
414			Fluid Mechanics	8	10	74	10
415			Heat Engineering	2	15	46	8
416			Mechanics and Control Engineering	0	2	24	6
417			Intelligent Mechanics and Machine System	1	2	77	10
			Machine Engineering total	21	41	381	46
421			Electric Power Engineering and Electric Machinery	5	5	57	8
422			Electronic and Electric Materials Engineering	5	3	85	5
423			Electron Devices and Apparatus Engineering	9	3	101	6
424			Information and Communication Engineering	7	15	128	34

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	14	51	37	207
323			Solid-State Physics II (Magnetism, Metal Physics,	14	44	52	268
324			Physical Properties in General (inclu. Basic Theories)	16	24	20	145
325			Physics in General	3	19	29	135
			Physics total	90	161	220	1,139
331			Physics of Solid Earth	22	25	35	134
332			Meteorology, Oceanography and Hydrology	33	21	24	243
333			Aeronomy	55	1	8	74
334			Geology	1	4	33	61
335			Stratigraphy and Paleontology	2	2	25	40
336			Mineralogy, Petrology and Study of Mineral Deposit	5	14	33	102
337			Geochemistry	9	17	25	73
			Earth Science total	127	84	183	727
341			Physical Chemistry	20	84	98	391
342			Organic Chemistry	32	72	68	323
343			Inorganic Chemistry	25	40	57	194
344			Function, Properties and Materials in Chemistry	14	55	33	188
345			Substance Transformation	5	1	4	16
346			Separation, Refining and Identification	10	22	40	112
			Chemistry total	106	274	300	1,224
351			Genetics	6	9	16	64
352			Ecology	13	7	33	84
353			Plant Physiology	11	15	17	101
354			Morphology, Structure of Organism	8	5	12	59
355			Animal Physiology and	1	5	22	68
356			Morphology and Taxonomy	4	6	19	51
			Biology total	43	47	119	427
361			Physical Anthropology (inclu. Physiological Anthropology)	3	8	5	24
			SCIENCE Total	396	615	922	4,203
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	31	75	28	192
402			Surface Physics	16	31	18	113
403			Applied Optics and Quantum Optics	27	71	20	200
404			General Applied Physics	12	9	4	46
405			Fundamentals of Engineering	3	1	9	46
			Applied Physics-Fundamentals of Engineering total	89	187	79	597
411			Materials for Machines and Strength of Materials	48	133	34	299
412			Workshop Processes and Production Engineering	23	86	14	169
413			Design Engineering, Machine Elements and Tribology	6	36	26	101
414			Fluid Mechanics	19	126	50	292
415			Heat Engineering	29	101	37	214
416			Mechanics and Control Engineering	21	49	26	110
417			Intelligent Mechanics and Machine System	33	100	34	250
			Machine Engineering total	179	631	221	1,435
421	G		Electric Power Engineering and Electric Machinery	33	118	33	247
422			Electronic and Electric Materials Engineering	62	101	20	271
423			Electron Devices and Apparatus Engineering	69	120	26	323
424			Information and Communication Engineering	94	258	82	586

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	10	5	49	5
427			Electronic Measurements	4	3	31	3
428			Control Engineering	1	4	54	3
			Electric and Electronic Engineering	41	38	505	64
431			Construction Materials and Dynamics in General Civil Engineering	7	2	15	4
432			Structural Engineering and Seismology	6	4	19	0
433			Ground Engineering	7	8	24	5
434			Hydraulics and River Engineering	3	9	43	11
435			Traffic Engineering and Regional Planning	4	11	26	1
436			Civil Environmental System	2	2	24	17
			Civil Engineering total	29	36	151	38
441		A R C H I T E C T U R E	Building Structure and Materials	4	5	28	10
442			Building Science and Building Equipment	10	0	14	5
443			City Planning and Building Planning	22	5	33	1
444			Architectural History and Design	3	2	3	0
			Architecture total	39	12	78	16
451		M A T E R I A L E N G I N E E R I N G	Physical Metallurgy	11	7	59	5
452			Inorganic Materials and	7	6	45	7
453			Composed Materials and Properties	3	2	12	6
454			Structural and Functional Materials	12	4	62	7
455		M E T A L L U R G Y	Metallurgy and Material	4	6	40	2
456			Metal Productive Engineering	4	2	19	2
			Material Engineering total	41	27	237	29
461		C H E M I C A L E N G I N E E R I N G	Chemical Engineering in General	9	9	38	9
462			Reaction and Separation Engineering	5	3	22	8
463			Catalyst and Chemical Process	3	3	32	3
464			Bioengineering	3	7	39	12
465			Industrial Analytical Chemistry	3	0	31	2
			Process Engineering total	23	22	162	34
471		I N D U S T R I A L C H E M I S T R Y	Industrial Physical Chemistry	15	7	57	23
472			Industrial Inorganic Chemistry	1	1	25	4
473			Industrial Organic Chemistry	7	2	32	21
474			Synthetic Chemistry	8	3	44	11
475			Polymer Synthesis	7	7	38	2
476			Polymer Structure and Property (inclu. Fiber)	25	9	23	10
			Industrial Chemistry total	63	29	219	71
481		S Y N T H E T I C E N G I N E E R I N G	Aeronautics	1	6	33	3
482			Ship Engineering	2	3	20	1
483			Marine Engineering	2	0	4	0
484			Resource Development Engineering	6	3	32	6
			Synthetic Engineering total	11	12	89	10
			ENGINEERING Total	293	233	2,031	341
501	A G R I C U L T U R E		Plant Breeding	2	2	24	1
502			Crop Science	4	6	11	3
503			Horticulture and Landscape Architecture	10	1	28	1
504			Plant Protection	2	7	24	0
505			Sericultural Science and Economic Entomology	2	0	5	0
			Agriculture total	20	16	92	5
511			Plant Fertilizer and Manure and Soil Science	7	2	13	3
512			Applied Microbiochemistry and Applied Biochemistry	13	6	56	16
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	18	0
514			Food Science and Nutritional Chemistry	9	1	16	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
425	E		System Engineering	21	31	25	138
427			Electronic Measurements	9	41	13	102
428			Control Engineering	7	70	40	168
			Electric and Electronic Engineering	295	739	239	1,835
431			Construction Materials and Dynamics in General Civil Engineering	29	50	9	110
432			Structural Engineering and Seismology	9	67	11	104
433			Ground Engineering	20	74	16	130
434			Hydraulics and River Engineering	19	85	21	163
435			Traffic Engineering and Regional Planning	13	42	13	85
436			Civil Environmental System	10	33	14	94
			Civil Engineering total	100	351	84	686
441		N	Building Structure and Materials	12	54	19	119
442			Building Science and Building Equipment	8	22	16	63
443		G	City Planning and Building Planning	13	21	31	113
444		I	Architectural History and Design	1	2	4	11
			Architecture total	34	99	70	306
451		N	Physical Metallurgy	21	66	12	161
452			Inorganic Materials and	26	77	22	171
453		E	Composed Materials and Properties	8	23	8	59
454		E	Structural and Functional Materials	24	80	18	190
455		R	Metallurgy and Material	7	90	12	158
456			Metal Productive Engineering	8	44	6	77
			Material Engineering total	94	380	78	816
461		N	Chemical Engineering in General	26	79	15	163
462			Reaction and Separation Engineering	18	78	6	131
463			Catalyst and Chemical Process	13	67	14	129
464			Bioengineering	21	31	20	125
465			Industrial Analytical Chemistry	0	25	6	60
			Process Engineering total	78	280	61	608
471			Industrial Physical Chemistry	35	71	23	203
472			Industrial Inorganic Chemistry	8	37	6	65
473			Industrial Organic Chemistry	0	16	3	74
474			Synthetic Chemistry	27	87	45	205
475			Polymer Synthesis	30	58	23	113
476			Polymer Structure and Property (inclu. Fiber)	27	48	21	133
			Industrial Chemistry total	127	317	121	793
481			Aeronautics	21	31	15	102
482			Ship Engineering	6	25	9	66
483			Marine Engineering	0	12	1	19
484			Resource Development Engineering	11	31	1	80
			Synthetic Engineering total	38	99	26	267
	ENGINEERING Total			1,034	3,083	979	7,343
501	A G R I C U L T U R E		Plant Breeding	2	11	12	54
502			Crop Science	3	5	8	31
503			Horticulture and Landscape Architecture	3	18	28	84
504			Plant Protection	18	18	23	84
505			Sericultural Science and Economic Entomology	2	1	6	14
			Agriculture total	28	53	77	267
511			Plant Fertilizer and Manure and Soil Science	3	6	7	41
512			Applied Microbiochemistry and Applied Biochemistry	20	54	15	146
513			Biological Productive Chemistry and Bioorganic Chemistry	6	39	6	59
514			Food Science and Nutritional Chemistry	10	61	23	110

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	30	10	103	23
521			Forestry	14	9	30	8
522	G		Wood Science	4	5	25	2
			Forestry total	18	14	55	10
531	R		Fisheries in General	13	8	65	5
532			Fisheries Chemistry	2	2	25	1
			Fisheries total	15	10	90	6
541	I		Agricultural Economics	2	11	12	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	6	15	2
552	U		Agricultural Machinery	3	1	16	0
553	L		Biological Environment	1	0	7	1
			Agricultural Engineering total	5	7	38	3
561	T		Animal Science and Grassland Science	3	3	12	2
562	U		Applied Animal Science	4	6	22	3
563	R		Basic Veterinary Medicine and Basic Animal Science	8	9	22	3
564			Applied Veterinary Medicine	2	4	8	3
	E		Animal Science·Veterinary Medicine total	17	22	64	11
571			Biological Resource Science	0	4	8	4
572			Applied Molecular Cell Biology	7	1	7	3
			Interdisciplinary Agricultural Science total	7	5	15	7
			AGRICULTURE Total	114	95	469	69
601			Anatomy in General (inclu. Histology, Embryology)	6	1	24	4
602			Physiology in General	3	6	35	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	0	15	2
604			Pharmacology in General	10	5	12	3
605			Medical Chemistry in General	14	14	38	2
606			Pathological Medical Chemistry	6	3	22	5
			Physiology total	45	29	146	16
611	M		Hominal Pathology	2	2	10	4
612	E		Experimental Pathology	7	8	14	6
613	D		Parasitology (inclu. Medical Zoology)	9	6	16	5
614			Bacteriology (inclu. Eumycetes)	4	7	17	3
615	I		Virology	11	7	25	10
616			Immunology	18	11	52	2
			Pathology total	51	41	134	30
621	C		Hygiene	1	1	10	1
622	I		Public Health and Health Science	7	11	15	6
623			Legal Medicine	1	5	5	3
			Social Medicine total	9	17	30	10
631	N		Internal Medicine in General	7	6	20	1
632	E		Gastroenterology	14	15	24	0
633			Internal Medicine Respiratory System	8	4	12	3
634			Neurological Medicine	12	13	27	5
635			Cardioangiopathy	10	4	21	1
636			Pediatrics	14	6	14	2
637			Dermatology	7	9	5	11
638			Radiology	18	12	21	0
639			Neuropsychiatry	8	10	27	1
641			Hematology	3	0	16	3
642			Internal Medicine of Kidney	5	1	3	1
643			Embryology and Newborn	1	0	2	0
644			Endocrinology	1	5	3	2
645			Metabolic Science	10	3	13	0
			Internal Medicine total	118	88	208	30
651			Surgery in General	5	3	10	2
652			Gastroenterological Surgery	20	19	16	0
653			Thoracic Surgery	4	2	8	3

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	39	160	51	356
521			Forestry	12	15	21	82
522	G		Wood Science	22	32	20	87
			Forestry total	34	47	41	169
531	R		Fisheries in General	11	23	31	151
532			Fisheries Chemistry	5	12	3	44
			Fisheries total	16	35	34	195
541	I		Agricultural Economics	2	2	17	50
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	13	19	59
552	U		Agricultural Machinery	13	22	13	57
553	L		Biological Environment	2	10	7	28
			Agricultural Engineering total	21	45	39	144
561	T		Animal Science and Grassland Science	7	15	16	58
562	U		Applied Animal Science	6	25	14	64
563	R		Basic Veterinary Medicine and Basic Animal Science	3	11	12	64
564			Applied Veterinary Medicine	9	7	5	38
	E		Animal Science·Veterinary Medicine total	25	58	47	224
571			Biological Resource Science	5	2	1	22
572			Applied Molecular Cell Biology	0	2	2	16
			Interdisciplinary Agricultural Science total	5	4	3	38
			AGRICULTURE Total	170	404	309	1,443
601			Anatomy in General (inclu. Histology, Embryology)	2	19	24	76
602			Physiology in General	12	25	25	103
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	7	7	18	53
604			Pharmacology in General	11	31	12	76
605			Medical Chemistry in General	6	18	17	103
606			Pathological Medical Chemistry	8	7	8	55
			Physiology total	46	107	104	466
611	M		Hominal Pathology	12	26	25	81
612	E		Experimental Pathology	11	20	31	90
613	D		Parasitology (inclu.Medical Zoology)	4	2	4	46
614			Bacteriology (inclu. Eumycetes)	7	21	14	68
615	I		Virology	8	9	13	72
616			Immunology	11	26	21	129
			Pathology total	53	104	108	486
621	C		Hygiene	6	8	18	45
622	I		Public Health and Health Science	2	29	24	88
623			Legal Medicine	8	9	12	42
			Social Medicine total	16	46	54	175
631	N		Internal Medicine in General	10	18	39	96
632	E		Gastroenterology	35	24	81	153
633			Internal Medicine Respiratory System	7	9	39	76
634			Neurological Medicine	7	18	48	125
635			Cardioangiolo	14	73	77	191
636			Pediatrics	15	19	62	132
637			Dermatology	20	24	14	89
638			Radiology	68	51	84	242
639			Neuropsychiatry	10	17	38	108
641			Hematology	7	20	36	82
642			Internal Medicine of Kidney	8	39	33	85
643			Embryology and Newborn	0	4	1	8
644			Endocrinology	3	16	30	59
645			Metabolic Science	6	14	30	68
			Internal Medicine total	210	346	612	1,514
651			Surgery in General	5	25	27	75
652			Gastroenterological Surgery	31	42	58	163
653			Thoracic Surgery	2	14	33	66

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	20	9	11	0
655			Orthopedic Surgery	16	7	30	2
656			Anesthesiology and Rescue Medicine	7	7	33	0
657			Urology	18	6	4	0
658			Obstetrics and Gynecology	14	12	7	2
659			Oto-rhino-laryngology	3	3	20	2
660			Ophthalmology	32	12	19	0
661			Pediatric Surgery	0	0	5	0
662			Formative Surgery	0	0	0	0
			Surgery total	139	80	163	11
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	0	2	28	1
672			Functional Basic Dentistry	3	4	38	1
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	10	3
674			Conservative Dentistry	4	3	21	2
675			Prosthodontics and Dental Technology	5	4	38	0
676			Oral Surgery	5	33	28	2
677			Orthodontics, Pedodontics and Social Dentistry	21	9	49	1
678			Periodontological Dentistry	2	3	29	0
			Dentistry total	40	58	241	10
681					Chemical Pharmaceutics	17	11
682	Physical Pharmaceutics	7			3	36	2
683	Biopharmaceutics	17			5	36	4
684	Molecular Pharmaceutics	6			1	8	1
685	Environmental Pharmaceutics	0			0	0	0
	Pharmaceutics total	47			20	114	9
691	Medical Sociology	1			1	6	0
692	Human Genetics	1			1	9	0
693	Applied Pharmacology and Medical Pharmacology	4			0	3	3
694	Pathological Examination	2			1	5	0
696	Science of Basic and Local Nursing	0	0	7	0		
697	Science of Clinical Nursing	1	4	6	2		
	Medicine in General total	9	7	36	5		
	MEDICINE Total			458	340	1,072	121
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)	1	2	0	1
703			Physical Education	8	6	32	1
704			Human Geography	2	0	14	0
705			Physical Geography	1	1	13	0
			Geography total	3	1	27	0
706			Home Science(inclu. Cloth/Living Environments)	0	1	7	0
707			Food Culture	0	0	0	0
			Domestic Science total	0	1	7	0
708			Science of Cultural Property	0	1	2	1
711			Science Education	4	5	13	3
712	Educational Engineering	1	3	35	1		
713	Curriculum Studies	9	3	16	0		
714	Japanese Language Education	3	3	9	3		
	Science Education·Curriculum Education total	17	14	73	7		
721			Statistics	4	0	33	0
731			Computer Science	9	8	185	10
732			Intelligent Informatics	1	2	170	18
733	I		Study of Information System (Inclu. Library and Information Science)	6	2	43	2
			Information Science total	16	12	398	30
741			Social System Engineering	4	3	45	1
751			Natural Disaster Science	4	14	9	5
761			Plasma Science and Technology	5	5	94	2
772			Nuclear Fusion	1	4	50	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 ivisio n	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total	
654	M		Neurosurgery	14	35	60	143	
655			Orthopedic Surgery	7	45	176	282	
656			Anesthesiology and Rescue Medicine	16	28	67	155	
657			Urology	34	40	46	147	
658			Obstetrics and Gynecology	10	12	52	110	
659			Oto-rhino-laryngology	5	28	40	94	
660			Ophthalmology	43	19	56	167	
661			Pediatric Surgery	4	6	15	30	
662			Formative Surgery	3	5	3	11	
			Surgery total	174	299	633	1,443	
671	E		Oral Anatomy and Morphological Basic Dentistry	7	3	15	56	
672	D		Functional Basic Dentistry	3	12	12	73	
673	I		Morbid Dentistry (inclu. Dental Radiology)	5	8	6	32	
674	C		Conservative Dentistry	20	15	30	95	
675	I		Prosthodontics and Dental Technology	5	17	72	141	
676	I		Oral Surgery	22	10	67	167	
677	N		Orthodontics, Pedodontics and Social Dentistry	15	29	62	186	
678	E		Periodontological Dentistry	9	9	4	56	
	Dentistry total		86	103	268	806		
681			Chemical Pharmaceutics	34	46	6	140	
682			Physical Pharmaceutics	12	21	11	83	
683			Biopharmaceutics	22	52	14	135	
684			Molecular Pharmaceutics	16	14	9	45	
685			Environmental Pharmaceutics	0	0	1	1	
	Pharmaceutics total	84	133	41	404			
691			Medical Sociology	1	9	5	22	
692			Human Genetics	2	1	5	19	
693			Applied Pharmacology and Medical Pharmacology	16	15	10	50	
694			Pathological Examination	12	11	5	35	
696			Science of Basic and Local Nursing	2	1	15	25	
697			Science of Clinical Nursing	5	4	24	46	
			Medicine in General total	38	41	64	197	
	MEDICINE Total			707	1,179	1,884	5,491	
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)	1	2	6	8	
703			Physical Education	5	13	43	108	
704				Human Geography	2	0	14	30
705				Physical Geography	0	2	21	38
			Geography total	2	2	35	68	
706				Home Science(inclu. Cloth/Living Environments)	0	1	12	21
707				Food Culture	0	1	4	5
			Domestic Science total	0	2	16	26	
708			Science of Cultural Property	2	1	0	7	
711					Science Education	8	3	22
712	Educational Engineering	4			27	6	76	
713	Curriculum Studies	6			0	36	70	
714	Japanese Language Education	2			1	15	36	
	Science Education·Curriculum Education total	20	31	79	238			
721			Statistics	10	11	7	63	
731			Computer Science	44	133	38	401	
732			Intelligent Informatics	44	147	58	420	
733			Study of Information System (Inclu. Library and Information Science)	11	34	10	92	
			Information Science total	99	314	106	913	
741			Social System Engineering	13	16	21	97	
751			Natural Disaster Science	5	5	9	19	
761			Plasma Science and Technology	15	54	23	176	
772			Nuclear Fusion	6	23	6	78	

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	1	3	14	8
774			Nuclear Power Science	1	5	28	4
	E		Energy total	3	12	92	14
801	R		Environmental Dynamic Analysis	5	5	37	10
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	19	0
803			Environmental Preservation	7	4	16	2
			Environmental Science total	17	9	72	12
811	I		Biological Organic Chemistry	5	1	33	3
812			Structured Biochemistry	5	1	21	2
813			Functional Biochemistry	9	2	22	5
			Biological Chemistry total	19	4	76	10
821	N		Biophysics	13	8	38	24
822			Molecular Biology	23	19	121	27
823			Cell Biology	13	3	71	8
824			Developmental Biology	12	5	31	10
			Basic Biology total	61	35	261	69
831	A		Neuroanatomy and Neuropathology	0	0	16	0
832			Neurochemistry and Neuropharmacology	2	4	17	8
833			Neuro Science in General	10	8	49	9
834			Neuro and Muscular Physiology	6	0	22	5
			Neuro Science (inclu. Brain Science) total	18	12	104	22
841			Laboratory Animal Science	1	0	7	4
851			Medical Organism Engineering and Material Science of Organism	21	4	137	18
	INTERDISCIPLINARY AREA Total			202	135	1,469	197
999	WIDE AREA Total			16	16	19	14
	Item n.a. Total			8	12	49	5
	Grand Total			1,647	1,290	7,411	1,030

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		Energy Science General	1	6	3	28
774			Nuclear Power Science	11	30	13	67
	E		Energy total	18	59	22	173
801	R		Environmental Dynamic Analysis	15	26	12	94
802			Environmental Influence Assessment (inclu. Radiobiology)	5	16	10	49
803			Environmental Preservation	13	21	9	63
			Environmental Science total	33	63	31	206
811	P		Biological Organic Chemistry	7	28	16	86
812			Structured Biochemistry	9	14	12	55
813			Functional Biochemistry	5	25	12	78
			Biological Chemistry total	21	67	40	219
821	N		Biophysics	13	28	23	121
822			Molecular Biology	22	34	27	246
823			Cell Biology	8	19	24	133
824			Developmental Biology	3	5	30	86
			Basic Biology total	46	86	104	586
831	A		Neuroanatomy and Neuropathology	2	5	16	39
832			Neurochemistry and Neuropharmacology	8	10	8	56
833			Neuro Science in General	12	17	19	113
834			Neuro and Muscular Physiology	8	13	8	61
			Neuro Science (inclu. Brain Science) total	30	45	51	269
841			Laboratory Animal Science	2	11	1	24
851			Medical Organism Engineering and Material Science of Organism	27	79	61	318
	INTERDISCIPLINARY AREA Total			349	861	655	3,518
999	WIDE AREA Total			14	26	29	115
	Item n.a. Total			37	65	36	209
	Grand Total			2,803	6,343	5,293	23,780

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	0	0	0	0
212			Chinese Philosophy	3	1	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	1	1	0	0
215			Ethics	0	0	0	0
216			History of Philosophy	0	3	0	1
217			Aesthetics (inclu. Arts)	0	1	0	1
218			Art History	0	0	0	0
		Philosophy total	4	6	0	2	
221			Experimental Psychology	0	1	2	0
222			Educational and Social	2	0	1	0
223			Sociology	2	2	1	0
224			Education	1	2	0	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	3	0	0
		Psychology • Sociology • Education Cultural Anthropology total	5	8	4	0	
231			Japanese History	0	0	0	0
232			Oriental History	1	3	0	0
233			European History	0	0	0	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
		History total	1	3	0	0	
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	1	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	4	0	0
247			Other Foreign Languages and Literatures	0	0	0	0
248			Linguistics and Phonetics	0	0	2	0
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
		Literature total	3	7	3	1	
	ARTS • HUMANITIES Total			13	24	7	3
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	1	0	0	0
263			International Law	3	0	0	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	1	0
266			Criminal Law	0	0	0	0
267			Politics	1	3	2	0
	LAW Total			5	3	3	1
271	ECONOMICS		General Theory of Economics	0	1	6	0
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	2	0	2	0
274			Economic History	0	0	0	0
275			Public Finance, Money and Banking	0	1	2	0
276			Commercial Science	1	0	0	0
277			Business Administration	2	1	0	0
278			Accounting	0	0	0	0
	ECONOMICS Total			5	3	10	0
301	SCIENCE		Algebra	0	6	9	0
302			Geometry	1	3	5	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	9	0
305			Basic Analysis	0	0	4	0
306			Larger-area Analysis	0	0	2	0
		Mathematics total	1	9	29	0	
311		Astronomy	0	0	0	0	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	2	8	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
211	ARTS • HUMANITIES		Philosophy	0	0	1	1
212			Chinese Philosophy	0	0	1	5
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	0	0	0	2
215			Ethics	0	0	1	1
216			History of Philosophy	0	0	0	4
217			Aesthetics (inclu. Arts)	1	0	3	5
218			Art History	0	0	1	1
			Philosophy total	1	0	7	19
221			Experimental Psychology	7	0	2	12
222			Educational and Social	2	0	5	10
223			Sociology	5	1	9	18
224			Education	4	1	5	13
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	2	5
			Psychology • Sociology • Education Cultural Anthropology total	18	2	23	58
231			Japanese History	0	0	2	2
232			Oriental History	1	1	0	6
233			European History	0	0	1	0
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	1	1	3	8
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	1
243			Chinese Language and Literature	0	0	4	6
244			English Language and Literature	6	3	7	20
245			French Language and Literature	0	0	0	1
246			German Language and Literature	0	0	0	4
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	0	2	2	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	7	5	13	39
			ARTS • HUMANITIES Total	27	8	46	124
261	LAW		Basic Science of Law	0	0	0	0
262			Public Law	0	1	0	2
263			International Law	4	0	0	7
264			Civil Law	0	0	0	1
265			Social Law	0	0	1	2
266			Criminal Law	0	0	0	0
267			Politics	1	1	1	9
			LAW Total	5	2	2	21
271	ECONOMICS		General Theory of Economics	1	1	5	14
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	0	0	2	6
274			Economic History	0	0	1	1
275			Public Finance, Money and Banking	1	0	0	4
276			Commercial Science	1	0	0	2
277			Business Administration	3	2	3	11
278			Accounting	1	0	0	1
			ECONOMICS Total	7	3	11	39
301	SCIENCE		Algebra	1	0	1	17
302			Geometry	0	0	1	10
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	3	0	4	16
305			Basic Analysis	3	0	1	8
306			Larger-area Analysis	0	0	0	2
			Mathematics total	7	0	7	53
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	0	6	19

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	16	0
324			Physical Properties in General (inclu. Basic Theories)	1	0	6	0
325			Physics in General	0	1	6	0
			Physics total	2	3	36	1
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	0	0	2	0
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	0
335			Stratigraphy and Paleontology	0	0	0	0
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	1	0
			Earth Science total	0	0	4	0
341			Physical Chemistry	4	0	20	0
342			Organic Chemistry	0	0	10	0
343			Inorganic Chemistry	0	0	7	0
344			Function, Properties and Materials in Chemistry	1	0	1	0
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	6	0	0	0
			Chemistry total	11	0	38	0
351			Genetics	0	3	5	0
352			Ecology	1	0	0	0
353			Plant Physiology	2	0	4	2
354			Morphology, Structure of Organism	0	0	0	0
355			Animal Physiology and	0	1	0	2
356			Morphology and Taxonomy	0	0	1	0
			Biology total	3	4	10	4
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			17	16	117	5
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	0	3	0
402			Surface Physics	0	0	0	0
403			Applied Optics and Quantum Optics	0	0	2	0
404			General Applied Physics	1	0	1	0
405			Fundamentals of Engineering	0	1	0	0
			Applied Physics·Fundamentals of Engineering total	2	1	6	0
411			Materials for Machines and Strength of Materials	0	0	3	0
412			Workshop Processes and Production Engineering	2	0	5	0
413			Design Engineering, Machine Elements and Tribology	0	0	2	0
414			Fluid Mechanics	0	0	2	1
415			Heat Engineering	0	0	3	0
416			Mechanics and Control Engineering	0	1	3	0
417			Intelligent Mechanics and Machine System	1	1	3	3
			Machine Engineering total	3	2	21	4
421			Electric Power Engineering and Electric Machinery	0	0	13	0
422			Electronic and Electric Materials Engineering	0	0	7	0
423			Electron Devices and Apparatus Engineering	0	0	2	0
424			Information and Communication Engineering	2	6	10	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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	2	3	1	11
323			Solid-State Physics II (Magnetism, Metal Physics,	3	4	9	32
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	9
325			Physics in General	3	1	3	14
			Physics total	10	8	20	85
331			Physics of Solid Earth	0	0	0	0
332			Meteorology, Oceanography and Hydrology	2	0	1	5
333			Aeronomy	0	0	0	0
334			Geology	0	0	1	2
335			Stratigraphy and Paleontology	0	0	1	2
336			Mineralogy, Petrology and Study of Mineral Deposit	0	2	0	2
337			Geochemistry	1	0	1	3
			Earth Science total	3	2	4	14
341			Physical Chemistry	8	2	8	42
342			Organic Chemistry	7	2	7	28
343			Inorganic Chemistry	1	0	4	12
344			Function, Properties and Materials in Chemistry	2	3	1	8
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	1	1	6	14
			Chemistry total	20	8	26	105
351			Genetics	1	5	0	14
352			Ecology	4	1	5	11
353			Plant Physiology	3	0	4	14
354			Morphology, Structure of Organism	2	0	0	2
355			Animal Physiology and	0	2	2	7
356			Morphology and Taxonomy	0	0	1	2
			Biology total	10	8	12	50
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
	SCIENCE Total			52	26	69	309
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	0	1	3	8
402			Surface Physics	3	0	0	3
403			Applied Optics and Quantum Optics	4	5	5	16
404			General Applied Physics	3	0	1	6
405			Fundamentals of Engineering	0	0	0	1
			Applied Physics·Fundamentals of Engineering total	10	6	9	34
411			Materials for Machines and Strength of Materials	9	5	1	18
412			Workshop Processes and Production Engineering	15	6	18	46
413			Design Engineering, Machine Elements and Tribology	1	2	1	6
414			Fluid Mechanics	6	5	2	16
415			Heat Engineering	2	4	3	12
416			Mechanics and Control Engineering	4	3	5	16
417			Intelligent Mechanics and Machine System	1	1	5	15
			Machine Engineering total	38	26	35	129
421	G		Electric Power Engineering and Electric Machinery	11	4	10	38
422			Electronic and Electric Materials Engineering	7	5	1	20
423			Electron Devices and Apparatus Engineering	13	5	4	24
424			Information and Communication Engineering	15	15	14	58

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
425	E		System Engineering	2	0	0	0
427			Electronic Measurements	0	0	0	0
428			Control Engineering	0	1	5	0
			Electric and Electronic Engineering	4	7	37	0
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	1	0
			Civil Engineering total	0	0	3	0
441		N	Building Structure and Materials	2	4	2	10
442			Building Science and Building Equipment	0	3	0	0
443		G	City Planning and Building Planning	5	0	0	0
444		I	Architectural History and Design	1	0	0	0
			Architecture total	8	7	2	10
451		N	Physical Metallurgy	0	0	2	0
452			Inorganic Materials and	0	0	0	0
453		E	Composed Materials and Properties	2	0	0	1
454		E	Structural and Functional Materials	0	0	1	0
455		R	Metallurgy and Material	0	0	1	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	2	0	4	1
461		I	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	2	3	0
463			Catalyst and Chemical Process	1	0	0	1
464			Bioengineering	0	0	1	1
465			Industrial Analytical Chemistry	0	0	2	0
			Process Engineering total	1	2	6	2
471			Industrial Physical Chemistry	0	3	3	3
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	0	0	7	0
474			Synthetic Chemistry	1	2	2	0
475			Polymer Synthesis	2	0	1	2
476			Polymer Structure and Property (inclu. Fiber)	0	1	3	0
			Industrial Chemistry total	3	6	17	5
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	1	0
483			Marine Engineering	0	0	1	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	2	0
	ENGINEERING Total			23	25	98	22
501	A G R I C U L T U R E		Plant Breeding	3	0	2	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	0	0	0	0
504			Plant Protection	1	1	0	0
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	4	1	2	0
511			Plant Fertilizer and Manure and Soil Science	0	0	2	0
512			Applied Microbiochemistry and Applied Biochemistry	1	0	4	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	1	0
514			Food Science and Nutritional Chemistry	10	13	4	1

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	4	2	1	9
427			Electronic Measurements	2	1	3	6
428			Control Engineering	9	9	8	32
			Electric and Electronic Engineering	61	41	41	187
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	2	0	1	4
433			Ground Engineering	0	0	1	1
434			Hydraulics and River Engineering	2	3	2	8
435			Traffic Engineering and Regional Planning	2	1	0	3
436			Civil Environmental System	2	0	2	5
			Civil Engineering total	8	4	6	21
441		N	Building Structure and Materials	14	7	6	45
442			Building Science and Building Equipment	9	0	3	15
443			City Planning and Building Planning	2	0	1	8
444			Architectural History and Design	0	0	0	1
			Architecture total	25	7	10	69
451		N	Physical Metallurgy	6	0	0	8
452			Inorganic Materials and	0	4	1	5
453			Composed Materials and Properties	2	4	6	15
454		E	Structural and Functional Materials	4	3	0	8
455			Metallurgy and Material	0	3	2	6
456		R	Metal Productive Engineering	0	3	0	3
			Material Engineering total	12	17	9	45
461		I	Chemical Engineering in General	3	4	0	7
462			Reaction and Separation Engineering	4	1	2	12
463			Catalyst and Chemical Process	2	0	0	4
464			Bioengineering	0	1	1	4
465			Industrial Analytical Chemistry	2	0	2	6
			Process Engineering total	11	6	5	33
471			Industrial Physical Chemistry	3	7	3	19
472			Industrial Inorganic Chemistry	0	0	1	2
473			Industrial Organic Chemistry	4	0	0	11
474			Synthetic Chemistry	1	1	9	16
475			Polymer Synthesis	6	5	7	25
476			Polymer Structure and Property (inclu. Fiber)	3	0	3	10
			Industrial Chemistry total	17	13	23	83
481			Aeronautics	2	2	5	9
482			Ship Engineering	0	2	0	3
483			Marine Engineering	3	1	0	5
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	5	5	5	17
			ENGINEERING Total	187	125	143	618
501	A		Plant Breeding	1	0	5	9
502			Crop Science	2	0	0	2
503			Horticulture and Landscape Architecture	3	0	3	6
504			Plant Protection	0	2	2	4
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	6	2	10	21
511		E	Plant Fertilizer and Manure and Soil Science	1	0	0	2
512			Applied Microbiochemistry and Applied Biochemistry	4	1	3	14
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	0	3
514			Food Science and Nutritional Chemistry	6	12	12	58

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	11	13	11	1
521			Forestry	0	1	0	0
522	G		Wood Science	0	0	1	0
			Forestry total	0	1	1	0
531	R		Fisheries in General	0	0	2	1
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	0	0	2	1
541	I		Agricultural Economics	1	2	1	0
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	2	0	1
552	U		Agricultural Machinery	0	0	1	0
553	L		Biological Environment	0	0	1	1
			Agricultural Engineering total	1	2	2	2
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	0	0	1	0
563	R		Basic Veterinary Medicine and Basic Animal Science	4	0	1	0
564			Applied Veterinary Medicine	0	0	0	0
	E		Animal Science·Veterinary Medicine total	4	0	2	0
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	0	0	1	0
			AGRICULTURE Total	21	19	22	4
601			Anatomy in General (inclu. Histology, Embryology)	0	0	1	1
602			Physiology in General	1	0	8	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	2	3	0
604			Pharmacology in General	0	0	1	0
605			Medical Chemistry in General	3	2	2	3
606			Pathological Medical Chemistry	2	0	1	0
			Physiology total	7	4	16	4
611	M		Hominal Pathology	0	0	2	0
612	E		Experimental Pathology	0	0	4	5
613			Parasitology (inclu. Medical Zoology)	0	0	2	2
614	D		Bacteriology (inclu. Eumycetes)	0	1	4	2
615			Virology	1	1	1	0
616	I		Immunology	1	1	0	0
			Pathology total	2	3	13	9
621	C		Hygiene	5	0	10	0
622			Public Health and Health Science	1	2	6	3
623	I		Legal Medicine	0	0	1	0
			Social Medicine total	6	2	17	3
631	N		Internal Medicine in General	2	1	4	1
632	E		Gastroenterology	4	1	5	0
633			Internal Medicine Respiratory System	0	0	0	1
634			Neurological Medicine	0	0	2	0
635			Cardioangiopathy	9	0	1	0
636			Pediatrics	1	1	1	0
637			Dermatology	2	2	4	0
638			Radiology	1	0	1	0
639			Neuropsychiatry	1	1	0	1
641			Hematology	1	0	1	0
642			Internal Medicine of Kidney	4	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	1	1	0
645			Metabolic Science	1	0	2	0
			Internal Medicine total	26	7	22	3
651			Surgery in General	0	1	0	0
652			Gastroenterological Surgery	0	0	3	1
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	12	14	15	77
521			Forestry	0	0	3	1
522	G		Wood Science	7	0	0	8
			Forestry total	7	0	3	9
531	R		Fisheries in General	2	0	1	6
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	3	0	1	7
541	I		Agricultural Economics	0	0	1	5
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	0	0	4
552	U		Agricultural Machinery	0	2	0	3
553	L		Biological Environment	2	0	0	4
			Agricultural Engineering total	2	2	0	11
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	1	0	0	2
563	R		Basic Veterinary Medicine and Basic Animal Science	3	0	0	8
564			Applied Veterinary Medicine	0	0	0	0
	E		Animal Science·Veterinary Medicine total	4	0	0	10
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	0	1	0	2
			Interdisciplinary Agricultural Science total	0	1	0	2
			AGRICULTURE Total	34	19	30	142
601			Anatomy in General (inclu. Histology, Embryology)	1	1	3	7
602			Physiology in General	3	1	8	15
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	4	4	4	19
604			Pharmacology in General	1	1	5	8
605			Medical Chemistry in General	1	0	5	16
606			Pathological Medical Chemistry	0	0	2	5
			Physiology total	10	7	27	70
611	M		Hominal Pathology	3	2	4	11
612	E		Experimental Pathology	6	5	3	22
613	D		Parasitology (inclu.Medical Zoology)	0	0	1	4
614			Bacteriology (inclu. Eumycetes)	2	7	3	19
615			Virology	2	1	6	12
616	I		Immunology	1	2	3	8
			Pathology total	14	17	20	76
621	C		Hygiene	3	0	4	22
622			Public Health and Health Science	2	0	11	24
623	I		Legal Medicine	0	0	2	3
			Social Medicine total	5	0	17	49
631	N		Internal Medicine in General	3	0	21	31
632	E		Gastroenterology	0	1	31	45
633			Internal Medicine Respiratory System	3	0	8	12
634			Neurological Medicine	1	0	5	6
635			Cardioangiolog	3	9	27	47
636			Pediatrics	2	0	14	18
637			Dermatology	6	2	3	18
638			Radiology	4	4	9	19
639			Neuropsychiatry	0	1	5	11
641			Hematology	1	1	9	12
642			Internal Medicine of Kidney	1	7	6	19
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	2	0	4
645			Metabolic Science	2	0	4	9
			Internal Medicine total	26	27	142	251
651			Surgery in General	1	0	3	6
652			Gastroenterological Surgery	0	4	15	28
653			Thoracic Surgery	1	2	0	2

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	1	2	0	0
655			Orthopedic Surgery	3	3	1	0
656			Anesthesiology and Rescue Medicine	0	2	7	0
657			Urology	0	2	1	0
658			Obstetrics and Gynecology	4	4	1	1
659			Oto-rhino-laryngology	0	0	1	0
660			Ophthalmology	0	0	0	0
661			Pediatric Surgery	1	0	0	0
662			Formative Surgery	2	0	0	0
			Surgery total	11	14	14	2
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	0	0
672	D		Functional Basic Dentistry	0	0	0	0
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	2	0
674	C		Conservative Dentistry	0	0	0	0
675	I		Prosthodontics and Dental Technology	0	0	0	0
676	N		Oral Surgery	2	1	2	1
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	0
678			Periodontological Dentistry	1	0	1	0
			Dentistry total	5	1	6	1
681			Chemical Pharmaceutics	0	0	6	0
682			Physical Pharmaceutics	5	0	3	1
683			Biopharmaceutics	1	0	1	0
684			Molecular Pharmaceutics	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	6	0	10	1
691			Medical Sociology	0	0	0	0
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	3	0	0	0
696			Science of Basic and Local Nursing	3	2	0	0
697			Science of Clinical Nursing	2	8	4	0
			Medicine in General total	8	10	4	0
	MEDICINE Total			71	41	102	23
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)	1	0	1	0
703			Physical Education	1	1	6	0
704			Human Geography	0	1	3	2
705			Physical Geography	0	0	2	1
			Geography total	0	1	5	3
706			Home Science (inclu. Cloth/Living Environments)	0	0	1	0
707			Food Culture	0	0	5	0
			Domestic Science total	0	0	6	0
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	0	1
713			Curriculum Studies	0	0	0	0
714			Japanese Language Education	0	0	0	0
			Science Education·Curriculum Education total	0	0	0	1
721			Statistics	0	0	0	0
731			Computer Science	0	0	1	0
732			Intelligent Informatics	0	3	5	0
733			Study of Information System (Inclu. Library and Information Science)	0	1	0	0
			Information Science total	0	4	6	0
741			Social System Engineering	2	1	7	0
751			Natural Disaster Science	1	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	14	0	11	34
655			Orthopedic Surgery	3	15	71	95
656			Anesthesiology and Rescue Medicine	2	2	22	31
657			Urology	4	3	17	32
658			Obstetrics and Gynecology	2	1	17	28
659			Oto-rhino-laryngology	3	6	7	15
660			Ophthalmology	1	0	6	7
661			Pediatric Surgery	0	0	4	0
662			Formative Surgery	0	0	0	2
			Surgery total	31	33	173	280
671	E		Oral Anatomy and Morphological Basic Dentistry	2	0	0	3
672	D		Functional Basic Dentistry	2	0	0	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	2	0	2	6
674	C		Conservative Dentistry	3	0	1	4
675	I		Prosthodontics and Dental Technology	2	0	0	2
676	N		Oral Surgery	5	0	12	23
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	4
678			Periodontological Dentistry	1	0	0	3
			Dentistry total	18	0	16	47
681			Chemical Pharmaceutics	3	2	0	11
682			Physical Pharmaceutics	4	4	0	17
683			Biopharmaceutics	6	12	4	24
684			Molecular Pharmaceutics	5	2	0	7
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	18	20	4	59
691			Medical Sociology	0	0	0	0
692			Human Genetics	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	0	1	4	8
696			Science of Basic and Local Nursing	4	0	3	12
697			Science of Clinical Nursing	9	0	9	32
			Medicine in General total	13	1	16	53
	MEDICINE Total			135	105	415	885
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)	2	0	1	5
703			Physical Education	5	0	2	15
704			Human Geography	1	0	1	8
705			Physical Geography	0	0	10	13
			Geography total	1	0	11	21
706			Home Science(inclu. Cloth/Living Environments)	4	0	4	9
707			Food Culture	2	0	10	17
			Domestic Science total	6	0	14	26
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	2	3
713			Curriculum Studies	0	0	1	1
714			Japanese Language Education	0	0	1	1
			Science Education·Curriculum Education total	0	0	4	5
721			Statistics	1	0	4	5
731			Computer Science	15	6	16	38
732			Intelligent Informatics	6	8	7	29
733			Study of Information System (Inclu. Library and Information Science)	6	6	0	11
			Information Science total	27	20	23	78
741			Social System Engineering	5	2	7	24
751			Natural Disaster Science	0	0	0	1
761			Plasma Science and Technology	2	1	5	10
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 ivisio n	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	0	0	1	0
774	T		Nuclear Power Science	0	0	0	0
	E		Energy total	0	0	1	0
801	R		Environmental Dynamic Analysis	0	0	0	1
802	D		Environmental Influence Assessment (inclu. Radiobiology)	0	0	2	0
803	I		Environmental Preservation	2	5	2	1
	S		Environmental Science total	2	5	4	2
811	I		Biological Organic Chemistry	0	0	0	0
812	P		Structured Biochemistry	0	0	1	0
813	L		Functional Biochemistry	0	0	2	0
	I		Biological Chemistry total	0	0	3	0
821	N		Biophysics	6	1	4	0
822	A		Molecular Biology	0	0	8	0
823	R		Cell Biology	0	2	1	0
824	Y		Developmental Biology	3	0	0	0
			Basic Biology total	9	3	13	0
831	A		Neuroanatomy and Neuropathology	0	0	1	0
832	R		Neurochemistry and Neuropharmacology	0	0	2	0
833	E		Neuro Science in General	0	0	2	0
834	A		Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	0	5	0
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	0	0	0	0
			INTERDISCIPLINARY AREA Total	16	15	59	6
999			WIDE AREA Total	1	3	1	0
			Item n.a. Total	1	1	1	0
			Grand Total	173	150	420	64

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		Energy Science General	0	2	1	4
774			Nuclear Power Science	0	0	0	0
	E		Energy total	0	2	1	4
801	R		Environmental Dynamic Analysis	2	3	2	8
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	4	7
803			Environmental Preservation	0	1	1	12
			Environmental Science total	2	5	7	27
811	I		Biological Organic Chemistry	1	0	4	5
812			Structured Biochemistry	2	4	0	7
813			Functional Biochemistry	2	1	2	7
			Biological Chemistry total	5	5	6	19
821	N		Biophysics	3	4	1	19
822			Molecular Biology	0	0	5	8
823			Cell Biology	4	2	2	10
824			Developmental Biology	1	0	1	5
			Basic Biology total	8	6	9	42
831	A		Neuroanatomy and Neuropathology	1	1	12	12
832			Neurochemistry and Neuropharmacology	3	1	1	7
833			Neuro Science in General	2	1	2	7
834			Neuro and Muscular Physiology	1	0	2	2
			Neuro Science (inclu. Brain Science) total	7	3	17	28
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	3	5	9
	INTERDISCIPLINARY AREA Total			72	47	116	319
999	WIDE AREA Total			3	0	13	18
	Item n.a. Total			10	0	6	19
	Grand Total			532	335	851	2,494

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	6	9	2	0
212			Chinese Philosophy	1	6	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	13	8	5	0
214			Religion	16	5	2	0
215			Ethics	0	1	1	0
216			History of Philosophy	2	1	2	0
217			Aesthetics (inclu. Arts)	19	23	2	9
218			Art History	6	0	0	0
		Philosophy total		63	53	14	9
221			Experimental Psychology	4	0	16	6
222			Educational and Social	5	10	16	1
223			Sociology	34	19	14	4
224			Education	14	15	0	3
225			Cultural Anthropology (inclu. Ethnology and Folklore)	12	17	7	1
		Psychology • Sociology • Education Cultural Anthropology total		69	61	53	15
231			Japanese History	6	12	4	2
232			Oriental History	14	11	3	3
233			European History	6	7	1	1
234			Archaeology (inclu. Prehistory)	8	1	2	1
		History total		34	31	10	7
241			Japanese Language	2	2	0	6
242			Japanese Literature	12	11	2	2
243			Chinese Language and Literature	7	6	1	3
244			English Language and Literature	17	22	9	1
245			French Language and Literature	0	6	0	0
246			German Language and Literature	3	7	3	0
247			Other Foreign Languages and Literatures	5	9	0	3
248			Linguistics and Phonetics	8	20	9	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	5	0	0
		Literature total		60	88	24	17
	ARTS • HUMANITIES Total			226	233	101	48
261	LAW		Basic Science of Law	3	5	1	0
262			Public Law	4	1	5	1
263			International Law	10	2	0	16
264			Civil Law	3	8	1	4
265			Social Law	1	6	1	0
266			Criminal Law	2	0	0	1
267			Politics	33	38	9	9
	LAW Total		56	60	17	31	
271	ECONOMICS		General Theory of Economics	17	19	9	4
272			Economical Statistics	4	1	3	8
273			Economic Policy (inclu. Economic Condition)	34	29	13	24
274			Economic History	8	4	2	0
275			Public Finance, Money and Banking	8	5	1	5
276			Commercial Science	3	3	0	0
277			Business Administration	12	15	5	2
278			Accounting	5	3	5	0
	ECONOMICS Total		91	79	38	43	
301	SCIENCE		Algebra	1	7	14	0
302			Geometry	10	2	22	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	22	0
305			Basic Analysis	3	4	18	0
306			Larger-area Analysis	2	2	15	0
		Mathematics total		16	15	91	2
311			Astronomy	1	0	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	9	6	21	1

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	13	1	9	39
212			Chinese Philosophy	3	2	4	14
213			Indian Philosophy (inclu. Buddhist Studies)	16	2	9	41
214			Religion	12	1	8	43
215			Ethics	3	0	3	8
216			History of Philosophy	3	0	3	11
217			Aesthetics (inclu. Arts)	21	0	23	94
218			Art History	2	0	1	9
			Philosophy total	73	6	60	259
221			Experimental Psychology	61	7	31	125
222			Educational and Social	58	3	58	145
223			Sociology	63	12	36	163
224			Education	29	3	30	88
225			Cultural Anthropology (inclu. Ethnology and Folklore)	14	5	12	63
		Psychology·Sociology·Education Cultural Anthropology total		225	30	167	584
231			Japanese History	9	2	6	37
232			Oriental History	18	3	25	76
233			European History	10	0	6	29
234			Archaeology (inclu. Prehistory)	2	0	3	17
		History total		39	5	40	159
241			Japanese Language	5	0	6	20
242			Japanese Literature	12	0	12	49
243			Chinese Language and Literature	33	2	13	63
244			English Language and Literature	74	5	44	165
245			French Language and Literature	6	3	4	19
246			German Language and Literature	7	2	5	26
247			Other Foreign Languages and Literatures	19	2	24	58
248			Linguistics and Phonetics	74	5	38	152
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	1	6	27
		Literature total		239	20	152	579
	ARTS·HUMANITIES Total			576	61	419	1,581
261	L A W		Basic Science of Law	4	0	7	20
262			Public Law	4	0	2	17
263			International Law	12	5	4	49
264			Civil Law	8	4	6	33
265			Social Law	2	0	1	10
266			Criminal Law	3	0	5	11
267			Politics	31	15	25	158
	LAW Total		64	24	50	298	
271	E C O N O M I C S		General Theory of Economics	35	8	17	107
272			Economical Statistics	12	1	1	29
273			Economic Policy (inclu. Economic Condition)	48	10	28	186
274			Economic History	12	0	3	28
275			Public Finance, Money and Banking	15	1	6	40
276			Commercial Science	16	0	3	24
277			Business Administration	50	4	43	130
278			Accounting	9	4	5	31
	ECONOMICS Total			197	28	106	575
301	S C I E N C E		Algebra	7	0	3	31
302			Geometry	11	1	2	49
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	38	2	10	68
305			Basic Analysis	15	0	5	45
306			Larger-area Analysis	16	1	3	37
		Mathematics total		87	4	23	230
311		Astronomy		6	0	2	10
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	48	6	13	102

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)	1	2	13	1
323			Solid-State Physics II (Magnetism, Metal Physics,	2	0	11	2
324			Physical Properties in General (inclu. Basic Theories)	3	1	7	0
325			Physics in General	3	7	6	0
			Physics total	18	16	58	4
331			Physics of Solid Earth	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	8	5
333			Aeronomy	4	2	2	3
334			Geology	0	2	0	4
335			Stratigraphy and Paleontology	2	1	1	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	5	1
337			Geochemistry	1	0	0	0
			Earth Science total	7	5	16	15
341			Physical Chemistry	18	2	17	0
342			Organic Chemistry	4	3	7	0
343			Inorganic Chemistry	1	0	22	4
344			Function, Properties and Materials in Chemistry	3	0	7	4
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	0	1	0
			Chemistry total	26	5	54	8
351			Genetics	0	3	3	0
352			Ecology	7	0	3	3
353			Plant Physiology	1	4	2	4
354			Morphology, Structure of Organism	2	1	3	1
355			Animal Physiology and	4	1	2	0
356			Morphology and Taxonomy	4	0	1	0
			Biology total	18	9	14	8
361			Physical Anthropology (inclu. Physiological Anthropology)	1	2	4	1
	SCIENCE Total			87	52	238	38
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	1	6	0
402			Surface Physics	1	2	1	2
403			Applied Optics and Quantum Optics	4	0	8	3
404			General Applied Physics	0	0	2	1
405			Fundamentals of Engineering	0	0	2	0
			Applied Physics·Fundamentals of Engineering total	10	3	19	6
411			Materials for Machines and Strength of Materials	1	2	9	3
412			Workshop Processes and Production Engineering	0	5	11	1
413			Design Engineering, Machine Elements and Tribology	1	0	6	2
414			Fluid Mechanics	1	6	11	0
415			Heat Engineering	7	6	13	6
416			Mechanics and Control Engineering	4	1	7	0
417			Intelligent Mechanics and Machine System	0	5	18	0
			Machine Engineering total	14	25	75	12
421			Electric Power Engineering and Electric Machinery	2	8	10	0
422			Electronic and Electric Materials Engineering	6	7	34	3
423			Electron Devices and Apparatus Engineering	2	5	12	4
424			Information and Communication Engineering	7	11	30	14

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)	48	9	12	86
323			Solid-State Physics II (Magnetism, Metal Physics,	46	2	6	69
324			Physical Properties in General (inclu. Basic Theories)	23	6	7	47
325			Physics in General	26	6	9	57
			Physics total	191	29	47	361
331			Physics of Solid Earth	7	2	0	10
332			Meteorology, Oceanography and Hydrology	4	4	5	26
333			Aeronomy	3	0	1	14
334			Geology	1	0	2	9
335			Stratigraphy and Paleontology	9	2	7	23
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	11
337			Geochemistry	7	1	3	12
			Earth Science total	34	9	20	105
341			Physical Chemistry	91	3	15	146
342			Organic Chemistry	59	8	7	86
343			Inorganic Chemistry	34	1	20	82
344			Function, Properties and Materials in Chemistry	43	5	3	64
345			Substance Transformation	5	0	3	8
346			Separation, Refining and Identification	20	4	9	34
			Chemistry total	252	21	57	420
351			Genetics	4	0	0	9
352			Ecology	14	1	9	37
353			Plant Physiology	15	1	12	39
354			Morphology, Structure of Organism	6	14	5	32
355			Animal Physiology and	12	0	6	25
356			Morphology and Taxonomy	7	2	3	17
			Biology total	58	18	35	159
361			Physical Anthropology (inclu. Physiological Anthropology)	3	1	6	18
			SCIENCE Total	631	82	190	1,303
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	42	10	8	71
402			Surface Physics	21	1	11	39
403			Applied Optics and Quantum Optics	35	10	18	77
404			General Applied Physics	7	2	0	11
405			Fundamentals of Engineering	14	0	1	17
			Applied Physics-Fundamentals of Engineering total	119	23	38	215
411			Materials for Machines and Strength of Materials	57	22	22	116
412			Workshop Processes and Production Engineering	50	10	15	92
413			Design Engineering, Machine Elements and Tribology	19	3	1	31
414			Fluid Mechanics	55	20	18	111
415			Heat Engineering	52	15	14	112
416			Mechanics and Control Engineering	50	12	5	79
417			Intelligent Mechanics and Machine System	44	3	11	81
			Machine Engineering total	327	85	86	622
421	G		Electric Power Engineering and Electric Machinery	75	43	18	156
422			Electronic and Electric Materials Engineering	79	22	27	178
423			Electron Devices and Apparatus Engineering	84	23	19	145
424			Information and Communication Engineering	144	94	17	316

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 N G I N E E R I N G		System Engineering	6	5	19	3
427			Electronic Measurements	0	3	3	0
428			Control Engineering	0	4	7	0
			Electric and Electronic Engineering	23	43	115	24
431			Construction Materials and Dynamics in General Civil Engineering	7	3	3	1
432			Structural Engineering and Seismology	2	5	4	0
433			Ground Engineering	2	2	5	0
434			Hydraulics and River Engineering	1	3	0	1
435			Traffic Engineering and Regional Planning	2	1	4	4
436			Civil Environmental System	24	2	0	2
			Civil Engineering total	38	16	16	8
441		N	Building Structure and Materials	1	3	8	1
442			Building Science and Building Equipment	4	3	2	3
443			City Planning and Building Planning	9	9	1	2
444		I	Architectural History and Design	4	9	4	1
			Architecture total	18	24	15	7
451		N	Physical Metallurgy	1	0	10	0
452			Inorganic Materials and	2	1	4	3
453			Composed Materials and Properties	1	1	4	0
454		E	Structural and Functional Materials	12	4	1	1
455		R	Metallurgy and Material	5	1	2	2
456			Metal Productive Engineering	4	2	1	0
			Material Engineering total	25	9	22	6
461		I	Chemical Engineering in General	0	0	2	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	2	1	2	1
464			Bioengineering	1	0	8	2
465			Industrial Analytical Chemistry	1	0	0	0
			Process Engineering total	4	1	13	3
471			Industrial Physical Chemistry	0	0	9	0
472			Industrial Inorganic Chemistry	0	0	0	0
473			Industrial Organic Chemistry	1	2	2	0
474			Synthetic Chemistry	6	1	0	0
475			Polymer Synthesis	6	1	2	8
476			Polymer Structure and Property (inclu. Fiber)	1	1	4	1
			Industrial Chemistry total	14	5	17	9
481			Aeronautics	0	0	1	0
482			Ship Engineering	0	0	0	0
483			Marine Engineering	1	0	0	0
484			Resource Development Engineering	1	2	0	0
			Synthetic Engineering total	2	2	1	0
			ENGINEERING Total	148	128	293	75
501	A G R I C U L T U R E		Plant Breeding	0	1	0	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	2	0	4	2
504			Plant Protection	2	0	0	0
505			Sericultural Science and Economic Entomology	1	1	0	0
			Agriculture total	5	2	4	2
511			Plant Fertilizer and Manure and Soil Science	0	3	0	0
512			Applied Microbiochemistry and Applied Biochemistry	1	4	4	4
513			Biological Productive Chemistry and Bioorganic Chemistry	3	0	0	0
514			Food Science and Nutritional Chemistry	3	14	3	2

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	36	7	8	82
427			Electronic Measurements	39	21	14	80
428			Control Engineering	21	3	7	42
			Electric and Electronic Engineering	478	213	110	999
431			Construction Materials and Dynamics in General Civil Engineering	9	6	4	33
432			Structural Engineering and Seismology	31	4	9	54
433			Ground Engineering	10	4	10	33
434			Hydraulics and River Engineering	27	3	19	54
435			Traffic Engineering and Regional Planning	19	9	16	55
436			Civil Environmental System	8	12	2	50
			Civil Engineering total	104	38	60	279
441		N	Building Structure and Materials	45	13	26	96
442			Building Science and Building Equipment	27	9	10	58
443			City Planning and Building Planning	26	2	21	70
444		I	Architectural History and Design	2	6	5	31
			Architecture total	100	30	62	255
451		N	Physical Metallurgy	12	0	3	26
452			Inorganic Materials and	31	10	16	65
453			Composed Materials and Properties	11	1	0	18
454		E	Structural and Functional Materials	11	17	2	48
455		R	Metallurgy and Material	25	9	7	51
456			Metal Productive Engineering	8	4	0	19
			Material Engineering total	98	41	28	227
461		N	Chemical Engineering in General	16	6	4	28
462			Reaction and Separation Engineering	5	1	4	11
463			Catalyst and Chemical Process	8	5	1	20
464			Bioengineering	9	11	1	32
465			Industrial Analytical Chemistry	14	1	2	18
			Process Engineering total	52	24	12	109
471			Industrial Physical Chemistry	46	8	1	64
472			Industrial Inorganic Chemistry	6	3	2	11
473			Industrial Organic Chemistry	20	6	6	35
474			Synthetic Chemistry	22	9	5	42
475			Polymer Synthesis	17	8	5	47
476			Polymer Structure and Property (inclu. Fiber)	19	8	4	37
			Industrial Chemistry total	130	42	23	236
481			Aeronautics	5	5	1	12
482			Ship Engineering	3	0	1	4
483			Marine Engineering	7	2	2	12
484			Resource Development Engineering	5	0	0	8
			Synthetic Engineering total	20	7	4	36
			ENGINEERING Total	1,428	503	423	2,978
501	A G R I C U L T U R E		Plant Breeding	2	0	0	3
502			Crop Science	2	0	2	4
503			Horticulture and Landscape Architecture	6	0	2	16
504			Plant Protection	7	3	0	12
505			Sericultural Science and Economic Entomology	2	0	1	5
			Agriculture total	19	3	5	40
511			Plant Fertilizer and Manure and Soil Science	2	1	0	6
512			Applied Microbiochemistry and Applied Biochemistry	20	2	11	45
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	2	9
514			Food Science and Nutritional Chemistry	27	9	12	69

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	7	21	7	6
521			Forestry	1	2	0	0
522	G		Wood Science	0	0	0	0
			Forestry total	1	2	0	0
531	R		Fisheries in General	0	1	5	0
532			Fisheries Chemistry	0	1	2	0
			Fisheries total	0	2	7	0
541	I		Agricultural Economics	1	4	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	0	1	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	0	1	0	1
561	T		Animal Science and Grassland Science	0	0	0	1
562	U		Applied Animal Science	1	0	3	0
563	R		Basic Veterinary Medicine and Basic Animal Science	0	1	2	0
564			Applied Veterinary Medicine	2	0	2	0
	E		Animal Science·Veterinary Medicine total	3	1	7	1
571			Biological Resource Science	2	0	2	0
572			Applied Molecular Cell Biology	0	0	1	0
			Interdisciplinary Agricultural Science total	2	0	3	0
			AGRICULTURE Total	19	33	28	11
601			Anatomy in General (inclu. Histology, Embryology)	3	6	17	1
602			Physiology in General	1	1	6	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	2	13	0
604			Pharmacology in General	3	3	8	0
605			Medical Chemistry in General	6	5	10	0
606			Pathological Medical Chemistry	1	1	7	1
			Physiology total	20	18	61	4
611	M		Hominal Pathology	7	6	8	2
612	E		Experimental Pathology	0	3	4	0
613			Parasitology (inclu. Medical Zoology)	0	2	10	3
614	D		Bacteriology (inclu. Eumycetes)	10	3	8	0
615			Virology	1	1	4	2
616	I		Immunology	2	3	10	2
			Pathology total	20	18	44	9
621	C		Hygiene	3	5	7	6
622			Public Health and Health Science	21	7	7	4
623	I		Legal Medicine	1	1	1	7
			Social Medicine total	25	13	15	17
631	N		Internal Medicine in General	3	9	9	1
632	E		Gastroenterology	18	14	2	2
633			Internal Medicine Respiratory System	13	3	4	0
634			Neurological Medicine	3	5	6	2
635			Cardioangiopathy	21	10	20	0
636			Pediatrics	12	5	22	0
637			Dermatology	6	6	3	0
638			Radiology	26	22	7	1
639			Neuropsychiatry	11	3	6	0
641			Hematology	7	5	17	1
642			Internal Medicine of Kidney	7	4	4	1
643			Embryology and Newborn	1	2	0	0
644			Endocrinology	2	0	3	0
645			Metabolic Science	0	4	0	0
			Internal Medicine total	130	92	103	8
651			Surgery in General	13	7	1	0
652			Gastroenterological Surgery	19	16	5	0
653			Thoracic Surgery	3	1	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
	A		Agricultural Chemistry total	52	13	25	129
521			Forestry	3	0	4	10
522	G		Wood Science	2	0	1	3
			Forestry total	5	0	5	13
531	R		Fisheries in General	8	2	7	23
532			Fisheries Chemistry	0	0	3	6
			Fisheries total	8	2	10	29
541	I		Agricultural Economics	3	0	2	11
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	2	0	10
552	U		Agricultural Machinery	1	0	0	1
553	L		Biological Environment	2	0	0	2
			Agricultural Engineering total	9	2	0	13
561	T		Animal Science and Grassland Science	4	1	1	7
562	U		Applied Animal Science	6	0	2	12
563	R		Basic Veterinary Medicine and Basic Animal Science	15	2	2	22
564			Applied Veterinary Medicine	10	2	4	20
	E		Animal Science·Veterinary Medicine total	35	5	9	61
571			Biological Resource Science	1	0	1	5
572			Applied Molecular Cell Biology	3	0	0	4
			Interdisciplinary Agricultural Science total	4	0	1	9
			AGRICULTURE Total	135	25	57	305
601			Anatomy in General (inclu. Histology, Embryology)	31	6	23	87
602			Physiology in General	17	7	16	49
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	14	1	12	48
604			Pharmacology in General	23	5	19	61
605			Medical Chemistry in General	20	13	14	65
606			Pathological Medical Chemistry	7	2	3	22
			Physiology total	112	34	87	332
611	M		Hominal Pathology	11	8	37	79
612	E		Experimental Pathology	7	1	8	23
613	D		Parasitology (inclu. Medical Zoology)	8	3	16	42
614	I		Bacteriology (inclu. Eumycetes)	13	8	12	53
615			Virology	6	3	8	25
616			Immunology	22	3	18	58
			Pathology total	67	26	99	280
621	C		Hygiene	13	8	30	72
622	I		Public Health and Health Science	25	7	36	92
623			Legal Medicine	13	6	9	38
			Social Medicine total	51	21	75	202
631	N		Internal Medicine in General	29	2	47	100
632	E		Gastroenterology	21	11	86	154
633			Internal Medicine Respiratory System	17	1	53	91
634			Neurological Medicine	20	0	44	80
635			Cardioangiology	46	21	105	223
636			Pediatrics	20	6	54	119
637			Dermatology	15	4	32	66
638			Radiology	47	8	47	156
639			Neuropsychiatry	41	5	51	117
641			Hematology	15	5	36	86
642			Internal Medicine of Kidney	7	5	33	61
643			Embryology and Newborn	0	0	5	8
644			Endocrinology	4	5	25	39
645			Metabolic Science	17	2	25	48
			Internal Medicine total	299	75	643	1,348
651			Surgery in General	14	3	53	91
652			Gastroenterological Surgery	46	9	76	171
653			Thoracic Surgery	24	1	42	72

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	20	9	2	0
655			Orthopedic Surgery	19	14	3	0
656			Anesthesiology and Rescue Medicine	4	2	13	0
657			Urology	4	17	4	1
658			Obstetrics and Gynecology	9	8	9	2
659			Oto-rhino-laryngology	4	3	4	0
660			Ophthalmology	2	7	7	0
661			Pediatric Surgery	0	1	1	0
662			Formative Surgery	1	3	1	0
			Surgery total	98	88	51	3
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	1	7	7	0
672	D		Functional Basic Dentistry	2	3	10	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	1	1	0
674	C		Conservative Dentistry	10	7	4	0
675	I		Prosthodontics and Dental Technology	8	5	6	0
676	I		Oral Surgery	5	8	8	1
677	N		Orthodontics, Pedodontics and Social Dentistry	6	7	15	1
678	E		Periodontological Dentistry	4	0	2	0
			Dentistry total	37	38	53	3
681	E		Chemical Pharmaceutics	9	4	10	0
682			Physical Pharmaceutics	6	3	4	0
683			Biopharmaceutics	19	7	6	2
684			Molecular Pharmaceutics	0	1	4	3
685			Environmental Pharmaceutics	1	0	0	0
			Pharmaceutics total	35	15	24	5
691			Medical Sociology	1	5	0	1
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	8	3	1	0
694			Pathological Examination	0	0	1	1
696			Science of Basic and Local Nursing	1	1	2	0
697			Science of Clinical Nursing	0	1	4	1
			Medicine in General total	10	10	8	3
	MEDICINE Total			375	292	359	52
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	2	4	1
703			Physical Education	8	10	7	1
704			Human Geography	1	7	0	0
705			Physical Geography	0	0	0	1
			Geography total	1	7	0	1
706			Home Science (inclu. Cloth/Living Environments)	7	1	7	1
707			Food Culture	2	0	5	0
			Domestic Science total	9	1	12	1
708			Science of Cultural Property	0	0	0	0
711			Science Education	2	1	1	1
712	A R E A		Educational Engineering	2	2	2	0
713			Curriculum Studies	2	6	1	0
714			Japanese Language Education	1	2	0	6
			Science Education·Curriculum Education total	7	11	4	7
721			Statistics	4	1	14	1
731			Computer Science	4	9	22	8
732			Intelligent Informatics	6	0	26	5
733			Study of Information System (Inclu. Library and Information Science)	6	4	9	5
			Information Science total	16	13	57	18
741			Social System Engineering	2	10	9	9
751	I		Natural Disaster Science	0	0	0	2
761			Plasma Science and Technology	1	1	4	4
772			Nuclear Fusion	0	0	0	0

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	15	1	75	121
655			Orthopedic Surgery	30	13	115	190
656			Anesthesiology and Rescue Medicine	10	1	31	61
657			Urology	29	6	26	85
658			Obstetrics and Gynecology	22	6	75	131
659			Oto-rhino-laryngology	24	5	28	68
660			Ophthalmology	40	4	63	122
661			Pediatric Surgery	6	0	11	19
662			Formative Surgery	8	0	17	30
			Surgery total	268	49	612	1,161
671	E		Oral Anatomy and Morphological Basic Dentistry	46	0	22	83
672			Functional Basic Dentistry	41	2	14	73
673			Morbid Dentistry (inclu. Dental Radiology)	24	2	4	33
674			Conservative Dentistry	50	2	23	96
675			Prosthodontics and Dental Technology	73	8	43	143
676			Oral Surgery	62	8	42	134
677			Orthodontics, Pedodontics and Social Dentistry	73	1	35	138
678			Periodontological Dentistry	22	0	10	38
			Dentistry total	391	23	193	738
681	E		Chemical Pharmaceuticals	88	11	14	124
682			Physical Pharmaceuticals	55	9	6	82
683			Biopharmaceutics	87	27	19	166
684			Molecular Pharmaceuticals	22	0	3	29
685			Environmental Pharmaceuticals	4	2	0	7
			Pharmaceutics total	256	49	42	408
691			Medical Sociology	8	2	7	24
692			Human Genetics	4	0	3	7
693			Applied Pharmacology and Medical Pharmacology	28	2	15	57
694			Pathological Examination	6	3	12	23
696			Science of Basic and Local Nursing	5	1	10	20
697			Science of Clinical Nursing	6	2	8	22
			Medicine in General total	57	10	55	153
			MEDICINE Total	1,501	287	1,806	4,622
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	10	1	3	18
703			Physical Education	58	2	43	126
704			Human Geography	7	0	5	19
705			Physical Geography	4	0	3	8
			Geography total	11	0	8	27
706			Home Science(inclu. Cloth/Living Environments)	13	1	16	46
707			Food Culture	13	2	14	36
			Domestic Science total	26	3	30	82
708			Science of Cultural Property	0	0	1	1
711			Science Education	3	0	3	11
712	A	R	Educational Engineering	8	2	3	19
713			Curriculum Studies	10	0	20	38
714			Japanese Language Education	10	1	15	34
			Science Education·Curriculum Education total	31	3	41	102
721			Statistics	12	5	6	43
731			Computer Science	67	29	21	157
732			Intelligent Informatics	69	14	42	159
733			Study of Information System (Inclu. Library and Information Science)	27	8	11	68
			Information Science total	163	51	74	384
741			Social System Engineering	54	10	20	114
751			Natural Disaster Science	0	1	0	3
761			Plasma Science and Technology	12	2	6	30
772			Nuclear Fusion	1	1	4	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	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	2	0
	E		Energy total	0	0	3	0
801	R		Environmental Dynamic Analysis	2	1	1	10
802			Environmental Influence Assessment (inclu. Radiobiology)	2	0	3	2
803			Environmental Preservation	1	2	1	7
			Environmental Science total	5	3	5	19
811	I		Biological Organic Chemistry	1	0	1	7
812			Structured Biochemistry	6	0	2	1
813			Functional Biochemistry	4	6	7	1
			Biological Chemistry total	11	6	10	9
821	N		Biophysics	2	0	15	0
822			Molecular Biology	1	4	22	0
823			Cell Biology	1	2	8	0
824			Developmental Biology	2	0	0	0
			Basic Biology total	6	6	45	0
831	A		Neuroanatomy and Neuropathology	3	4	11	1
832			Neurochemistry and Neuropharmacology	1	3	5	4
833			Neuro Science in General	6	8	10	2
834			Neuro and Muscular Physiology	3	0	13	0
			Neuro Science (inclu. Brain Science) total	13	15	39	7
841			Laboratory Animal Science	1	0	0	0
851			Medical Organism Engineering and Material Science of Organism	8	7	47	1
	INTERDISCIPLINARY AREA Total			92	93	260	81
999	WIDE AREA Total			30	18	14	9
	Item n.a. Total			17	17	12	0
	Grand Total			1,141	1,005	1,360	388

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	3	0	5	9
774			Nuclear Power Science	4	4	1	11
	E		Energy total	8	5	10	26
801	R D I S		Environmental Dynamic Analysis	12	6	5	37
802			Environmental Influence Assessment (inclu. Radiobiology)	6	2	8	23
803			Environmental Preservation	16	5	5	37
			Environmental Science total	34	13	18	97
811	I P L I		Biological Organic Chemistry	14	3	5	31
812			Structured Biochemistry	14	5	1	29
813			Functional Biochemistry	18	4	11	51
			Biological Chemistry total	46	12	17	111
821	N A R Y		Biophysics	7	0	5	29
822			Molecular Biology	24	10	16	76
823			Cell Biology	17	2	13	43
824			Developmental Biology	6	2	4	14
			Basic Biology total	54	14	38	162
831	A R E A		Neuroanatomy and Neuropathology	7	2	14	41
832			Neurochemistry and Neuropharmacology	13	1	7	34
833			Neuro Science in General	13	4	16	59
834			Neuro and Muscular Physiology	9	7	14	46
			Neuro Science (inclu. Brain Science) total	42	14	51	180
841			Laboratory Animal Science	6	0	2	9
851			Medical Organism Engineering and Material Science of Organism	62	12	21	158
	INTERDISCIPLINARY AREA Total			629	148	389	1,673
999	WIDE AREA Total			50	23	58	186
	Item n.a. Total			30	12	20	108
	Grand Total			5,241	1,193	3,518	13,629

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
211	ARTS • HUMANITIES		Philosophy	692	555	114	6	3	270	2	24	184	876
212			Chinese Philosophy	149	49	4	0	0	2	137	5	66	215
213			Indian Philosophy (inclu. Buddhist Studies)	278	270	11	1	0	26	10	14	185	463
214			Religion	290	248	20	6	0	74	1	25	82	372
215			Ethics	165	146	6	2	0	52	1	4	75	240
216			History of Philosophy	206	165	29	10	5	48	9	27	96	302
217			Aesthetics (inclu. Arts)	938	732	87	12	8	198	17	101	1,487	2,425
218			Art History	312	261	46	9	1	23	23	40	146	458
			Philosophy total	3,030	2,426	317	46	17	693	200	240	2,321	5,351
221			Experimental Psychology	704	702	3	3	1	12	0	4	116	820
222			Educational and Social	1,872	1,860	17	7	3	30	5	12	642	2,514
223			Sociology	1,732	1,671	69	11	3	61	34	63	866	2,598
224			Education	1,745	1,641	60	10	20	140	37	68	1,021	2,766
225			Cultural Anthropology (inclu. Ethnology and Folklore)	573	514	25	34	6	10	43	77	135	708
			Psychology • Sociology • Education Cultural Anthropology total	6,626	6,388	174	65	33	253	119	224	2,780	9,406
231			Japanese History	334	304	7	2	2	9	15	30	729	1,063
232			Oriental History	432	263	9	1	5	1	231	84	149	581
233			European History	641	508	89	48	30	123	1	58	110	751
234			Archaeology (inclu. Prehistory)	214	192	6	5	3	5	19	17	113	327
			History total	1,621	1,267	111	56	40	138	266	189	1,101	2,722
241			Japanese Language	228	202	4	1	0	7	25	21	474	702
242			Japanese Literature	401	344	10	2	2	10	24	51	1,518	1,919
243			Chinese Language and Literature	514	78	1	0	0	0	503	22	129	643
244			English Language and Literature	3,867	3,857	77	19	6	28	5	80	555	4,422
245			French Language and Literature	650	152	642	4	2	3	0	6	75	725
246			German Language and Literature	835	184	13	8	2	820	3	11	107	942
247			Other Foreign Languages and Literatures	415	217	14	98	91	6	7	181	44	459
248			Linguistics and Phonetics	1,356	1,296	58	28	11	50	26	96	177	1,533
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	260	211	44	1	5	35	21	34	95	355
			Literature total	8,526	6,541	863	161	119	959	614	502	3,174	11,700
			ARTS • HUMANITIES Total	19,803	16,622	1,465	328	209	2,043	1,199	1,155	9,376	29,179
261	LAW		Basic Science of Law	260	212	22	2	5	55	17	12	106	366
262			Public Law	383	308	48	0	1	104	6	7	207	590
263			International Law	239	237	22	5	1	12	3	7	55	294
264			Civil Law	634	502	56	3	2	195	17	12	350	984
265			Social Law	140	119	12	2	0	27	1	1	72	212
266			Criminal Law	201	148	12	0	1	78	7	5	87	288
267			Politics	920	849	62	17	26	56	49	78	236	1,156
			LAW Total	2,777	2,375	234	29	36	527	100	122	1,113	3,890
271	ECONOMICS		General Theory of Economics	1,015	994	27	2	8	38	15	18	257	1,272
272			Economical Statistics	191	190	3	2	1	2	5	4	51	242
273			Economic Policy (inclu. Economic Condition)	1,022	972	23	17	12	38	49	56	303	1,325
274			Economic History	372	340	26	8	9	39	14	20	154	526
275			Public Finance, Money and Banking	489	484	8	2	1	15	5	10	170	659
276			Commercial Science	383	378	8	5	1	12	9	8	167	550
277			Business Administration	1,053	1,022	13	2	4	53	24	35	428	1,481
278			Accounting	618	600	11	2	1	45	5	13	295	913
			ECONOMICS Total	5,143	4,980	119	40	37	242	126	164	1,825	6,968
301	SCIENCE		Algebra	572	571	15	2	1	7	0	2	114	686
302			Geometry	493	492	12	0	3	2	0	2	86	579
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	640	640	12	0	1	2	4	4	134	774
305			Basic Analysis	457	455	20	0	2	3	1	3	71	528
306			Larger-area Analysis	184	184	7	0	0	2	1	0	27	211
			Mathematics total	2,346	2,342	66	2	7	16	6	11	432	2,778
311			Astronomy	321	321	2	0	0	0	0	0	31	352
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,181	1,181	6	1	4	7	2	3	128	1,309

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)	629	629	5	0	7	4	6	5	53	682
323			Solid-State Physics II (Magnetism, Metal Physics,	740	740	5	0	1	4	1	1	64	804
324			Physical Properties in General (inclu. Basic Theories)	472	472	2	0	1	7	0	0	64	536
325			Physics in General	384	383	2	1	0	5	0	0	64	448
			Physics total	3,406	3,405	20	2	13	27	9	9	373	3,779
331			Physics of Solid Earth	364	364	0	1	0	0	1	0	37	401
332			Meteorology, Oceanography and Hydrology	387	386	0	0	3	2	2	4	43	430
333			Aeronomy	140	140	0	0	0	1	0	0	15	155
334			Geology	224	224	2	1	1	3	2	0	24	248
335			Stratigraphy and Paleontology	138	138	1	0	0	1	0	2	11	149
336			Mineralogy, Petrology and Study of Mineral Deposit	263	263	5	3	0	4	0	1	24	287
337			Geochemistry	189	189	0	0	1	0	1	1	35	224
			Earth Science total	1,705	1,704	8	5	5	11	6	8	189	1,894
341			Physical Chemistry	822	822	1	0	3	4	2	0	119	941
342			Organic Chemistry	762	762	2	0	0	4	3	1	120	882
343			Inorganic Chemistry	412	412	2	1	0	2	1	1	52	464
344			Function, Properties and Materials in Chemistry	372	372	0	0	1	1	1	1	44	416
345			Substance Transformation	47	46	0	0	0	0	1	2	5	52
346			Separation, Refining and Identification	260	260	0	1	0	0	1	0	52	312
			Chemistry total	2,675	2,674	5	2	4	11	9	5	392	3,067
351			Genetics	309	308	0	1	0	0	0	1	58	367
352			Ecology	568	567	4	2	0	2	1	5	89	657
353			Plant Physiology	450	449	0	0	0	3	2	2	49	499
354			Morphology, Structure of Organism	179	179	0	1	0	2	0	1	50	229
355			Animal Physiology and	258	258	1	0	0	3	1	1	30	288
356			Morphology and Taxonomy	312	312	1	1	1	3	0	1	44	356
			Biology total	2,076	2,073	6	5	1	13	4	11	320	2,396
361			Physical Anthropology (inclu. Physiological Anthropology)	125	124	1	2	0	2	1	1	9	134
	SCIENCE Total			12,654	12,643	108	18	30	80	35	45	1,746	14,400
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	410	410	2	1	3	3	2	6	25	435
402			Surface Physics	242	242	0	0	1	1	0	2	23	265
403			Applied Optics and Quantum Optics	411	411	2	1	1	1	1	5	38	449
404			General Applied Physics	178	178	1	0	0	0	0	1	31	209
405			Fundamentals of Engineering	119	119	0	0	0	1	0	0	20	139
			Applied Physics·Fundamentals of Engineering total	1,360	1,360	5	2	5	6	3	14	137	1,497
411			Materials for Machines and Strength of Materials	767	765	0	0	1	2	7	7	106	873
412			Workshop Processes and Production Engineering	502	500	1	1	1	4	5	5	105	607
413			Design Engineering, Machine Elements and Tribology	334	332	1	0	1	1	5	3	70	404
414			Fluid Mechanics	692	692	2	0	1	8	6	5	110	802
415			Heat Engineering	625	625	1	0	0	6	8	4	95	720
416			Mechanics and Control Engineering	522	522	0	0	2	0	3	3	99	621
417			Intelligent Mechanics and Machine System	501	500	2	0	1	2	6	9	63	564
			Machine Engineering total	3,943	3,936	7	1	7	23	40	36	648	4,591
421			Electric Power Engineering and Electric Machinery	616	616	1	2	0	2	2	2	105	721
422			Electronic and Electric Materials Engineering	727	727	1	1	0	3	8	7	59	786
423			Electron Devices and Apparatus Engineering	694	694	2	0	0	2	1	3	80	774
424			Information and Communication Engineering	1,453	1,452	3	5	0	4	14	7	215	1,668

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	331	331	3	0	1	1	4	7	59	390
427			Electronic Measurements	367	367	2	0	0	0	2	2	44	411
428			Control Engineering	375	375	1	1	1	2	5	3	36	411
			Electric and Electronic Engineering	4,563	4,562	13	9	2	14	36	31	598	5,161
431			Construction Materials and Dynamics in General Civil Engineering	249	248	0	0	0	1	3	2	61	310
432			Structural Engineering and Seismology	376	375	2	3	0	7	6	4	56	432
433			Ground Engineering	361	361	2	0	0	0	5	0	57	418
434			Hydraulics and River Engineering	370	370	0	2	1	0	2	6	56	426
435			Traffic Engineering and Regional Planning	295	294	0	2	0	0	6	5	40	335
436			Civil Environmental System	269	268	3	2	0	0	1	7	49	318
			Civil Engineering total	1,920	1,916	7	9	1	8	23	24	319	2,239
441		G	Building Structure and Materials	582	579	1	2	0	2	6	4	128	710
442			Building Science and Building Equipment	334	334	0	1	0	2	1	2	46	380
443			City Planning and Building Planning	702	695	11	4	2	7	9	18	249	951
444			Architectural History and Design	255	244	14	3	1	7	7	12	169	424
			Architecture total	1,873	1,852	26	10	3	18	23	36	592	2,465
451		N	Physical Metallurgy	275	275	1	1	1	2	3	1	19	294
452			Inorganic Materials and	432	432	1	0	0	3	2	0	54	486
453			Composed Materials and Properties	156	155	0	0	0	1	3	4	20	176
454			Structural and Functional Materials	283	282	1	0	0	1	3	4	35	318
455		R	Metallurgy and Material	364	363	2	0	0	5	4	1	45	409
456			Metal Productive Engineering	163	163	0	1	1	1	1	1	27	190
			Material Engineering total	1,673	1,670	5	2	2	13	16	11	200	1,873
461		G	Chemical Engineering in General	321	321	1	0	1	0	1	1	44	365
462			Reaction and Separation Engineering	223	223	0	1	0	1	1	1	19	242
463			Catalyst and Chemical Process	179	179	0	0	0	1	1	1	14	193
464			Bioengineering	298	297	0	0	0	2	2	1	46	344
465			Industrial Analytical Chemistry	134	134	0	0	0	0	2	0	25	159
			Process Engineering total	1,155	1,154	1	1	1	4	7	4	148	1,303
471			Industrial Physical Chemistry	300	300	1	0	0	1	1	1	30	330
472			Industrial Inorganic Chemistry	123	123	2	0	0	1	1	0	17	140
473			Industrial Organic Chemistry	138	138	0	0	0	0	0	0	26	164
474			Synthetic Chemistry	407	405	1	1	0	0	3	2	44	451
475			Polymer Synthesis	320	319	0	0	1	1	2	1	47	367
476			Polymer Structure and Property (inclu. Fiber)	378	378	3	0	0	0	3	2	56	434
			Industrial Chemistry total	1,666	1,663	7	1	1	3	10	6	220	1,886
481			Aeronautics	217	217	0	0	0	0	3	1	20	237
482			Ship Engineering	127	127	0	0	0	1	1	1	28	155
483			Marine Engineering	48	48	0	0	0	0	0	0	7	55
484			Resource Development Engineering	131	131	0	0	0	2	4	1	12	143
			Synthetic Engineering total	523	523	0	0	0	3	8	3	67	590
			ENGINEERING Total	18,676	18,636	71	35	22	92	166	165	2,929	21,605
501	A G R I C U L T U R E		Plant Breeding	151	150	1	0	0	1	1	2	38	189
502			Crop Science	121	121	0	0	0	0	0	5	27	148
503			Horticulture and Landscape Architecture	361	358	1	1	1	3	4	7	98	459
504			Plant Protection	247	247	1	0	0	0	3	2	42	289
505			Sericultural Science and Economic Entomology	73	73	0	0	0	0	0	0	29	102
			Agriculture total	953	949	3	1	1	4	8	16	234	1,187
511			Plant Fertilizer and Manure and Soil Science	212	212	0	0	1	0	0	1	28	240
512			Applied Microbiochemistry and Applied Biochemistry	704	702	4	1	2	2	3	6	159	863
513			Biological Productive Chemistry and Bioorganic Chemistry	214	214	0	0	0	1	0	0	29	243
514			Food Science and Nutritional Chemistry	705	705	2	3	0	3	7	5	304	1,009

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	1,835	1,833	6	4	3	6	10	12	520	2,355
521			Forestry	314	313	1	1	0	6	0	2	54	368
522	G		Wood Science	238	238	4	0	0	2	3	3	41	279
			Forestry total	552	551	5	1	0	8	3	5	95	647
531	R		Fisheries in General	431	431	2	4	0	0	0	8	81	512
532			Fisheries Chemistry	160	160	1	0	0	1	2	3	32	192
			Fisheries total	591	591	3	4	0	1	2	11	113	704
541	I		Agricultural Economics	285	274	4	1	0	8	13	11	119	404
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	209	208	1	0	0	1	2	2	50	259
552	U		Agricultural Machinery	142	142	0	0	0	1	2	1	23	165
553	L		Biological Environment	79	78	0	0	0	1	2	4	14	93
			Agricultural Engineering total	430	428	1	0	0	3	6	7	87	517
561	T		Animal Science and Grassland Science	185	183	0	0	0	0	1	3	34	219
562	U		Applied Animal Science	193	193	0	1	0	2	1	4	32	225
563	R		Basic Veterinary Medicine and Basic Animal Science	315	312	3	0	1	5	5	4	54	369
564			Applied Veterinary Medicine	286	286	0	2	0	1	1	10	77	363
	E		Animal Science-Veterinary Medicine total	979	974	3	3	1	8	8	21	197	1,176
571			Biological Resource Science	75	75	0	1	0	0	1	3	18	93
572			Applied Molecular Cell Biology	80	80	0	0	0	0	1	0	15	95
			Interdisciplinary Agricultural Science total	155	155	0	1	0	0	2	3	33	188
			AGRICULTURE Total	5,780	5,755	25	15	5	38	52	86	1,398	7,178
601			Anatomy in General (inclu. Histology, Embryology)	505	505	0	0	2	10	4	3	58	563
602			Physiology in General	476	476	2	0	0	3	5	2	97	573
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	303	303	2	2	0	7	2	2	54	357
604			Pharmacology in General	384	384	2	0	0	2	5	1	40	424
605			Medical Chemistry in General	447	447	2	0	0	1	2	2	72	519
606			Pathological Medical Chemistry	180	180	0	0	0	1	0	0	29	209
			Physiology total	2,295	2,295	8	2	2	24	18	10	350	2,645
611	M		Hominal Pathology	522	522	0	0	0	10	6	2	96	618
612	E		Experimental Pathology	304	304	0	2	0	3	2	0	55	359
613			Parasitology (inclu. Medical Zoology)	196	195	2	3	0	3	1	5	15	211
614	D		Bacteriology (inclu. Eumycetes)	332	332	1	0	1	0	4	3	66	398
615			Virology	309	308	2	1	0	3	5	3	67	376
616	I		Immunology	489	489	1	0	0	0	2	1	97	586
			Pathology total	2,152	2,150	6	6	1	19	20	14	396	2,548
621	C		Hygiene	294	294	0	1	1	1	2	1	65	359
622			Public Health and Health Science	777	772	7	6	1	7	3	5	266	1,043
623	I		Legal Medicine	244	243	0	0	0	13	4	0	30	274
			Social Medicine total	1,315	1,309	7	7	2	21	9	6	361	1,676
631	N		Internal Medicine in General	493	493	2	0	0	2	0	2	120	613
632	E		Gastroenterology	720	720	1	2	0	4	0	1	165	885
633			Internal Medicine Respiratory System	364	364	1	0	0	3	0	0	54	418
634			Neurological Medicine	439	439	3	0	0	2	1	0	70	509
635			Cardioangiopathy	815	814	2	0	0	6	3	2	144	959
636			Pediatrics	664	664	0	1	0	3	0	0	130	794
637			Dermatology	425	425	0	0	0	4	2	3	109	534
638			Radiology	771	771	3	0	0	4	3	2	172	943
639			Neuropsychiatry	668	666	12	1	1	20	3	1	146	814
641			Hematology	478	478	0	0	0	3	0	0	83	561
642			Internal Medicine of Kidney	257	257	0	0	0	0	1	0	49	306
643			Embryology and Newborn	44	44	0	0	0	1	0	0	5	49
644			Endocrinology	216	216	0	0	0	0	1	0	30	246
645			Metabolic Science	248	248	0	1	0	0	0	1	41	289
			Internal Medicine total	6,602	6,599	24	5	1	52	14	12	1,318	7,920
651			Surgery in General	499	499	1	1	0	3	1	2	88	587
652			Gastroenterological Surgery	635	635	1	1	0	4	2	1	103	738
653			Thoracic Surgery	405	405	1	0	0	5	0	0	67	472

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	498	498	3	0	0	2	1	1	90	588
655			Orthopedic Surgery	824	824	4	0	0	7	2	1	148	972
656			Anesthesiology and Rescue Medicine	607	607	3	0	0	2	0	0	161	768
657			Urology	457	456	0	0	0	3	3	0	83	540
658			Obstetrics and Gynecology	543	543	0	0	0	2	1	1	108	651
659			Oto-rhino-laryngology	470	470	1	1	0	6	1	1	116	586
660			Ophthalmology	534	534	2	1	0	2	0	1	79	613
661			Pediatric Surgery	115	115	0	0	0	3	0	0	17	132
662			Formative Surgery	108	108	0	0	0	0	0	0	36	144
			Surgery total	5,695	5,694	16	4	0	39	11	8	1,096	6,791
671	E	D	Oral Anatomy and Morphological Basic Dentistry	422	421	0	1	0	1	4	3	136	558
672			Functional Basic Dentistry	342	342	1	0	1	4	0	2	80	422
673			Morbid Dentistry (inclu. Dental Radiology)	227	227	0	0	0	0	0	1	92	319
674			Conservative Dentistry	476	476	0	1	0	1	4	0	207	683
675			Prosthodontics and Dental Technology	738	738	0	2	1	8	4	6	334	1,072
676			Oral Surgery	806	806	0	0	0	15	1	1	300	1,106
677			Orthodontics, Pedodontics and Social Dentistry	719	718	0	3	0	5	1	9	344	1,063
678			Periodontological Dentistry	175	175	0	0	0	0	0	0	95	270
			Dentistry total	3,905	3,903	1	7	2	34	14	22	1,588	5,493
681		E	Chemical Pharmaceutics	672	671	2	0	0	7	4	0	147	819
682			Physical Pharmaceutics	267	267	0	0	0	1	2	3	53	320
683			Biopharmaceutics	859	859	1	1	0	1	4	5	173	1,032
684			Molecular Pharmaceutics	157	157	1	1	0	0	0	2	29	186
685			Environmental Pharmaceutics	52	52	0	0	0	0	0	0	15	67
			Pharmaceutics total	2,007	2,006	4	2	0	9	10	10	417	2,424
691			Medical Sociology	142	141	1	1	0	1	0	0	34	176
692			Human Genetics	97	97	0	0	0	0	1	0	13	110
693			Applied Pharmacology and Medical Pharmacology	201	200	0	0	0	1	1	1	29	230
694			Pathological Examination	213	213	0	0	0	0	1	0	54	267
696			Science of Basic and Local Nursing	408	407	0	0	0	1	0	2	503	911
697			Science of Clinical Nursing	538	535	1	0	0	4	2	2	664	1,202
			Medicine in General total	1,599	1,593	2	1	0	7	5	5	1,297	2,896
			MEDICINE Total	25,570	25,549	68	34	8	205	101	87	6,823	32,393
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	132	131	7	1	1	5	2	3	28	160
703			Physical Education	1,245	1,199	6	7	2	69	7	12	1,275	2,520
704			Human Geography	356	344	9	3	2	14	12	10	109	465
705			Physical Geography	167	167	0	3	0	2	0	1	23	190
			Geography total	523	511	9	6	2	16	12	11	132	655
706			Home Science (inclu. Cloth/Living Environments)	411	406	6	0	0	2	2	2	539	950
707			Food Culture	277	274	1	0	0	1	1	2	394	671
			Domestic Science total	688	680	7	0	0	3	3	4	933	1,621
708			Science of Cultural Property	28	27	2	0	0	0	0	1	10	38
711		A	Science Education	196	195	2	1	0	1	2	2	73	269
712			Educational Engineering	346	343	1	0	0	3	2	3	140	486
713			Curriculum Studies	801	781	7	4	1	28	3	13	553	1,354
714			Japanese Language Education	214	196	6	5	1	2	16	25	112	326
			Science Education·Curriculum Education total	1,557	1,515	16	10	2	34	23	43	878	2,435
721	A		Statistics	204	204	1	0	0	3	0	0	29	233
731			Computer Science	1,193	1,191	2	0	2	1	6	9	213	1,406
732			Intelligent Informatics	876	876	4	0	0	2	5	5	90	966
733			Study of Information System (Inclu. Library and Information Science)	601	597	10	3	0	6	6	3	251	852
			Information Science total	2,670	2,664	16	3	2	9	17	17	554	3,224
741			Social System Engineering	372	372	1	0	0	2	2	1	54	426
751			Natural Disaster Science	63	63	0	0	0	2	1	0	4	67
761			Plasma Science and Technology	306	306	1	0	0	0	0	0	21	327
772	I		Nuclear Fusion	119	119	1	0	0	1	0	0	4	123

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	Energy Science General	68	68	0	0	0	0	1	1	11	79
774			Nuclear Power Science	177	177	0	0	1	0	1	1	21	198
	E		Energy total	364	364	1	0	1	1	2	2	36	400
801	R	D	Environmental Dynamic Analysis	195	195	1	0	0	0	0	0	27	222
802			Environmental Influence Assessment (inclu. Radiobiology)	204	204	2	0	0	1	0	1	25	229
803	S	C	Environmental Preservation	282	279	1	0	1	7	3	3	42	324
			Environmental Science total	681	678	4	0	1	8	3	4	94	775
811	I	P	Biological Organic Chemistry	256	255	0	0	0	0	2	1	33	289
812			Structured Biochemistry	295	295	1	2	0	1	0	1	38	333
813	L	I	Functional Biochemistry	410	409	2	2	0	2	2	0	42	452
			Biological Chemistry total	961	959	3	4	0	3	4	2	113	1,074
821	N	A	Biophysics	363	363	0	0	1	1	0	0	41	404
822			Molecular Biology	960	960	5	1	0	2	0	3	132	1,092
823	Y		Cell Biology	534	534	0	0	1	1	1	2	76	610
824			Developmental Biology	336	336	1	0	0	0	0	0	50	386
			Basic Biology total	2,193	2,193	6	1	2	4	1	5	299	2,492
831	A	R	Neuroanatomy and Neuropathology	205	205	3	0	0	1	2	2	26	231
832			Neurochemistry and Neuropharmacology	224	224	1	0	0	1	1	2	18	242
833			Neuro Science in General	404	403	3	1	1	1	1	1	59	463
834			Neuro and Muscular Physiology	264	264	1	0	0	3	2	0	35	299
			Neuro Science (inclu. Brain Science) total	1,097	1,096	8	1	1	6	6	5	138	1,235
841			Laboratory Animal Science	98	97	1	1	0	1	0	0	38	136
851			Medical Organism Engineering and Material Science of Organism	543	542	2	0	0	3	9	2	40	583
	INTERDISCIPLINARY AREA Total			13,725	13,601	91	34	14	169	92	112	4,676	18,401
999	WIDE AREA Total			1,212	1,103	42	8	10	97	24	55	1,205	2,417
	Item n.a. Total			899	858	33	14	4	36	22	46	2,543	3,442
	Grand Total			106,239	102,122	2,256	555	375	3,529	1,917	2,037	33,634	139,873

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

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total	
211	ARTS • HUMANITIES		Philosophy	726	588	135	6	2	352	3	26	150	876	
212			Chinese Philosophy	156	54	2	0	0	2	139	5	59	215	
213			Indian Philosophy (inclu. Buddhist Studies)	289	280	14	0	0	28	15	12	174	463	
214			Religion	290	256	24	6	0	84	1	24	82	372	
215			Ethics	178	155	10	2	0	76	2	5	62	240	
216			History of Philosophy	207	173	31	10	5	55	9	27	95	302	
217			Aesthetics (inclu. Arts)	811	681	81	9	9	182	19	64	1,614	2,425	
218			Art History	307	267	55	10	1	26	21	44	151	458	
		Philosophy total			2,964	2,454	352	43	17	805	209	207	2,387	5,351
221			Experimental Psychology	722	722	5	0	0	11	0	2	98	820	
222			Educational and Social	1,891	1,885	24	8	5	47	5	8	623	2,514	
223			Sociology	1,732	1,683	84	10	2	96	31	47	866	2,598	
224			Education	1,776	1,688	62	11	30	191	36	56	990	2,766	
225			Cultural Anthropology (inclu. Ethnology and Folklore)	565	515	35	35	3	13	47	53	143	708	
		Psychology • Sociology • Education Cultural Anthropology total			6,686	6,493	210	64	40	358	119	166	2,720	9,406
231			Japanese History	337	311	8	2	3	12	14	25	726	1,063	
232			Oriental History	429	261	10	2	5	1	240	82	152	581	
233			European History	650	531	91	51	36	136	1	60	101	751	
234			Archaeology (inclu. Prehistory)	213	193	7	5	6	6	23	15	114	327	
		History total			1,629	1,296	116	60	50	155	278	182	1,093	2,722
241			Japanese Language	235	212	5	0	0	4	27	16	467	702	
242			Japanese Literature	370	324	14	1	2	8	22	32	1,549	1,919	
243			Chinese Language and Literature	504	103	1	0	0	0	492	20	139	643	
244			English Language and Literature	3,868	3,864	89	16	6	44	2	47	554	4,422	
245			French Language and Literature	657	191	651	3	2	3	0	4	68	725	
246			German Language and Literature	857	270	15	8	3	844	3	11	85	942	
247			Other Foreign Languages and Literatures	415	240	14	99	93	7	6	172	44	459	
248			Linguistics and Phonetics	1,347	1,294	69	27	12	53	28	83	186	1,533	
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	258	211	51	0	5	40	19	34	97	355	
		Literature total			8,511	6,709	909	154	123	1,003	599	419	3,189	11,700
	ARTS • HUMANITIES Total			19,790	16,952	1,587	321	230	2,321	1,205	974	9,389	29,179	
261	LAW	Basic Science of Law	265	217	22	1	4	71	19	12	101	366		
262		Public Law	402	329	54	0	0	129	4	5	188	590		
263		International Law	238	234	27	4	1	18	4	5	56	294		
264		Civil Law	657	524	75	3	1	260	16	11	327	984		
265		Social Law	147	122	12	2	0	37	1	1	65	212		
266		Criminal Law	203	160	14	0	1	99	7	6	85	288		
267		Politics	914	863	66	17	30	65	45	76	242	1,156		
	LAW Total			2,826	2,449	270	27	37	679	96	116	1,064	3,890	
271	ECONOMICS	General Theory of Economics	1,047	1,035	34	1	13	66	14	18	225	1,272		
272		Economical Statistics	202	201	5	2	3	6	5	3	40	242		
273		Economic Policy (inclu. Economic Condition)	1,049	1,006	30	15	17	65	45	56	276	1,325		
274		Economic History	381	353	30	7	10	45	14	24	145	526		
275		Public Finance, Money and Banking	499	491	9	1	1	23	3	9	160	659		
276		Commercial Science	389	384	12	4	2	18	9	7	161	550		
277		Business Administration	1,059	1,037	21	2	4	76	23	31	422	1,481		
278		Accounting	644	628	30	1	1	72	7	11	269	913		
	ECONOMICS Total			5,270	5,135	171	33	51	371	120	159	1,698	6,968	
301	SCIENCE	Algebra	609	608	23	1	1	14	0	3	77	686		
302		Geometry	519	519	20	0	4	6	0	1	60	579		
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	670	670	15	0	2	7	1	3	104	774		
305		Basic Analysis	479	479	33	0	1	8	1	2	49	528		
306		Larger-area Analysis	191	191	13	0	1	1	1	0	20	211		
		Mathematics total			2,468	2,467	104	1	9	36	3	9	310	2,778
311		Astronomy	327	327	3	0	0	1	0	0	25	352		
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,214	1,214	4	2	3	12	1	3	95	1,309		

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)	644	644	3	0	6	3	4	5	38	682
323			Solid-State Physics II (Magnetism, Metal Physics,	760	760	4	0	1	6	1	0	44	804
324			Physical Properties in General (inclu. Basic Theories)	488	488	1	0	1	9	0	0	48	536
325			Physics in General	395	395	3	0	0	3	0	0	53	448
			Physics total	3,501	3,501	15	2	11	33	6	8	278	3,779
331			Physics of Solid Earth	364	364	0	1	0	1	1	0	37	401
332			Meteorology, Oceanography and Hydrology	393	393	1	0	2	1	0	2	37	430
333			Aeronomy	142	142	0	0	0	0	0	0	13	155
334			Geology	226	226	2	0	1	3	1	0	22	248
335			Stratigraphy and Paleontology	139	139	2	0	0	3	0	2	10	149
336			Mineralogy, Petrology and Study of Mineral Deposit	265	265	1	3	0	2	0	1	22	287
337			Geochemistry	193	193	2	1	1	2	2	1	31	224
			Earth Science total	1,722	1,722	8	5	4	12	4	6	172	1,894
341			Physical Chemistry	847	847	3	0	3	4	2	0	94	941
342			Organic Chemistry	783	783	2	0	0	11	3	1	99	882
343			Inorganic Chemistry	424	424	3	1	0	6	1	1	40	464
344			Function, Properties and Materials in Chemistry	383	383	0	0	1	1	1	1	33	416
345			Substance Transformation	48	47	0	0	0	0	1	1	4	52
346			Separation, Refining and Identification	277	277	0	1	0	4	1	0	35	312
			Chemistry total	2,762	2,761	8	2	4	26	9	4	305	3,067
351			Genetics	311	311	0	1	0	0	0	0	56	367
352			Ecology	577	577	3	2	0	3	1	2	80	657
353			Plant Physiology	452	452	0	0	0	1	2	2	47	499
354			Morphology, Structure of Organism	194	193	1	0	0	6	0	0	35	229
355			Animal Physiology and	263	263	1	0	0	2	1	1	25	288
356			Morphology and Taxonomy	319	319	1	2	0	4	2	1	37	356
			Biology total	2,116	2,115	6	5	0	16	6	6	280	2,396
361			Physical Anthropology (inclu. Physiological Anthropology)	123	122	1	1	0	1	1	1	11	134
			SCIENCE Total	13,019	13,015	145	16	28	125	29	34	1,381	14,400
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	412	412	1	0	2	5	2	5	23	435
402			Surface Physics	247	247	0	0	1	2	1	0	18	265
403			Applied Optics and Quantum Optics	414	414	2	1	1	5	1	2	35	449
404			General Applied Physics	183	183	0	0	1	1	0	1	26	209
405			Fundamentals of Engineering	122	122	0	0	0	0	0	0	17	139
			Applied Physics·Fundamentals of Engineering total	1,378	1,378	3	1	5	13	4	8	119	1,497
411			Materials for Machines and Strength of Materials	785	783	2	0	2	12	6	4	88	873
412			Workshop Processes and Production Engineering	520	519	2	1	1	16	5	4	87	607
413			Design Engineering, Machine Elements and Tribology	344	344	1	0	1	6	4	3	60	404
414			Fluid Mechanics	704	704	2	0	3	11	4	3	98	802
415			Heat Engineering	640	640	0	0	0	12	6	3	80	720
416			Mechanics and Control Engineering	534	533	1	0	3	8	2	3	87	621
417			Intelligent Mechanics and Machine System	498	498	1	0	1	2	4	7	66	564
			Machine Engineering total	4,025	4,021	9	1	11	67	31	27	566	4,591
421			Electric Power Engineering and Electric Machinery	629	628	3	2	0	4	2	2	92	721
422			Electronic and Electric Materials Engineering	734	734	3	1	1	4	9	5	52	786
423			Electron Devices and Apparatus Engineering	697	697	1	0	0	4	2	3	77	774
424			Information and Communication Engineering	1,476	1,475	4	4	0	7	9	8	192	1,668

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	332	332	3	0	1	3	3	7	58	390
427			Electronic Measurements	375	375	1	0	0	3	1	3	36	411
428			Control Engineering	379	379	3	1	0	5	5	4	32	411
			Electric and Electronic Engineering	4,622	4,620	18	8	2	30	31	32	539	5,161
431			Construction Materials and Dynamics in General Civil Engineering	258	258	0	0	0	1	2	0	52	310
432			Structural Engineering and Seismology	379	377	4	1	0	14	6	4	53	432
433			Ground Engineering	363	363	1	0	0	1	6	0	55	418
434			Hydraulics and River Engineering	369	369	2	1	1	2	2	4	57	426
435			Traffic Engineering and Regional Planning	297	295	2	3	0	4	6	2	38	335
436			Civil Environmental System	271	270	3	1	0	0	1	6	47	318
			Civil Engineering total	1,937	1,932	12	6	1	22	23	16	302	2,239
441			Building Structure and Materials	608	607	2	1	0	5	5	2	102	710
442			Building Science and Building Equipment	343	343	2	1	0	6	2	2	37	380
443			City Planning and Building Planning	708	700	12	5	1	12	6	14	243	951
444			Architectural History and Design	267	256	21	3	1	9	8	8	157	424
			Architecture total	1,926	1,906	37	10	2	32	21	26	539	2,465
451			Physical Metallurgy	275	275	1	1	2	5	2	1	19	294
452			Inorganic Materials and	436	436	2	0	0	2	0	0	50	486
453			Composed Materials and Properties	157	156	0	0	0	1	2	2	19	176
454			Structural and Functional Materials	282	282	1	0	0	2	2	4	36	318
455			Metallurgy and Material	371	371	1	0	0	6	2	1	38	409
456			Metal Productive Engineering	164	164	0	1	1	1	1	1	26	190
			Material Engineering total	1,685	1,684	5	2	3	17	9	9	188	1,873
461			Chemical Engineering in General	322	322	1	0	1	2	1	1	43	365
462			Reaction and Separation Engineering	225	225	1	0	0	1	1	0	17	242
463			Catalyst and Chemical Process	179	179	0	0	0	1	0	1	14	193
464			Bioengineering	301	301	1	0	1	2	1	2	43	344
465			Industrial Analytical Chemistry	141	141	0	0	0	2	2	0	18	159
			Process Engineering total	1,168	1,168	3	0	2	8	5	4	135	1,303
471			Industrial Physical Chemistry	306	306	1	0	1	5	0	1	24	330
472			Industrial Inorganic Chemistry	124	124	1	0	0	2	1	0	16	140
473			Industrial Organic Chemistry	140	140	0	0	0	1	0	0	24	164
474			Synthetic Chemistry	418	417	2	1	0	2	2	1	33	451
475			Polymer Synthesis	333	332	0	0	0	4	1	0	34	367
476			Polymer Structure and Property (inclu. Fiber)	390	390	4	1	0	5	3	1	44	434
			Industrial Chemistry total	1,711	1,709	8	2	1	19	7	3	175	1,886
481			Aeronautics	220	220	1	0	0	1	1	0	17	237
482			Ship Engineering	128	128	0	0	0	2	1	1	27	155
483			Marine Engineering	48	48	0	0	0	0	0	0	7	55
484			Resource Development Engineering	132	132	0	1	0	2	3	1	11	143
			Synthetic Engineering total	528	528	1	1	0	5	5	2	62	590
			ENGINEERING Total	18,980	18,946	96	31	27	213	136	127	2,625	21,605
501	A G R I C U L T U R E		Plant Breeding	156	155	0	0	1	0	2	2	33	189
502			Crop Science	122	122	0	0	0	0	1	2	26	148
503			Horticulture and Landscape Architecture	373	371	1	1	0	7	3	3	86	459
504			Plant Protection	254	254	1	0	0	0	2	2	35	289
505			Sericultural Science and Economic Entomology	75	75	0	0	0	1	0	0	27	102
			Agriculture total	980	977	2	1	1	8	8	9	207	1,187
511			Plant Fertilizer and Manure and Soil Science	212	212	0	0	1	3	0	1	28	240
512			Applied Microbiochemistry and Applied Biochemistry	726	726	1	0	1	2	1	2	137	863
513			Biological Productive Chemistry and Bioorganic Chemistry	220	220	0	0	0	1	0	0	23	243
514			Food Science and Nutritional Chemistry	754	753	2	2	0	8	5	3	255	1,009

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	1,912	1,911	3	2	2	14	6	6	443	2,355
521			Forestry	316	316	3	1	1	13	1	1	52	368
522	G		Wood Science	238	238	2	0	0	4	3	1	41	279
			Forestry total	554	554	5	1	1	17	4	2	93	647
531	R		Fisheries in General	429	429	2	3	0	2	0	2	83	512
532			Fisheries Chemistry	167	167	0	0	0	0	2	2	25	192
			Fisheries total	596	596	2	3	0	2	2	4	108	704
541	I		Agricultural Economics	293	287	3	2	1	11	12	8	111	404
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	211	211	0	0	0	1	2	1	48	259
552	U		Agricultural Machinery	141	141	0	0	0	5	1	0	24	165
553	L		Biological Environment	78	77	0	0	0	2	2	4	15	93
			Agricultural Engineering total	430	429	0	0	0	8	5	5	87	517
561	T		Animal Science and Grassland Science	184	183	0	0	0	0	1	0	35	219
562	U		Applied Animal Science	191	191	0	1	0	2	0	2	34	225
563	R		Basic Veterinary Medicine and Basic Animal Science	324	322	4	0	1	5	3	2	45	369
564			Applied Veterinary Medicine	297	296	0	1	0	2	1	9	66	363
	E		Animal Science-Veterinary Medicine total	996	992	4	2	1	9	5	13	180	1,176
571			Biological Resource Science	77	77	0	1	0	0	1	3	16	93
572			Applied Molecular Cell Biology	80	80	0	0	0	0	1	0	15	95
			Interdisciplinary Agricultural Science total	157	157	0	1	0	0	2	3	31	188
			AGRICULTURE Total	5,918	5,903	19	12	6	69	44	50	1,260	7,178
601			Anatomy in General (inclu. Histology, Embryology)	509	509	3	2	2	8	5	3	54	563
602			Physiology in General	481	480	2	0	0	5	4	2	92	573
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	303	303	2	0	0	6	1	2	54	357
604			Pharmacology in General	388	388	1	0	0	4	3	1	36	424
605			Medical Chemistry in General	453	453	1	0	0	0	0	1	66	519
606			Pathological Medical Chemistry	184	184	0	0	0	1	0	0	25	209
			Physiology total	2,318	2,317	9	2	2	24	13	9	327	2,645
611	M		Hominal Pathology	529	529	0	0	0	12	6	1	89	618
612	E		Experimental Pathology	305	305	0	2	0	4	2	0	54	359
613			Parasitology (inclu. Medical Zoology)	198	198	1	4	0	2	1	2	13	211
614	D		Bacteriology (inclu. Eumycetes)	337	337	1	0	1	1	2	2	61	398
615			Virology	309	309	2	1	0	2	2	1	67	376
616	I		Immunology	489	489	0	0	0	0	2	1	97	586
			Pathology total	2,167	2,167	4	7	1	21	15	7	381	2,548
621	C		Hygiene	300	300	0	1	1	3	2	0	59	359
622			Public Health and Health Science	780	776	5	3	1	5	6	5	263	1,043
623	I		Legal Medicine	244	244	1	0	1	19	4	0	30	274
			Social Medicine total	1,324	1,320	6	4	3	27	12	5	352	1,676
631	N		Internal Medicine in General	493	493	0	0	0	4	0	2	120	613
632			Gastroenterology	718	718	1	1	0	0	0	0	167	885
633	E		Internal Medicine Respiratory System	358	358	1	0	0	2	0	0	60	418
634			Neurological Medicine	437	437	5	0	0	3	2	0	72	509
635			Cardioangiology	801	799	1	0	0	4	3	0	158	959
636			Pediatrics	664	664	1	1	0	2	0	0	130	794
637			Dermatology	419	419	0	0	0	2	2	3	115	534
638			Radiology	767	767	2	1	0	2	2	2	176	943
639			Neuropsychiatry	660	657	18	2	1	29	2	1	154	814
641			Hematology	478	478	1	0	0	4	0	0	83	561
642			Internal Medicine of Kidney	257	257	0	0	0	1	1	0	49	306
643			Embryology and Newborn	43	43	0	0	0	0	0	0	6	49
644			Endocrinology	215	215	0	0	0	0	1	0	31	246
645			Metabolic Science	245	245	0	0	0	0	0	0	44	289
			Internal Medicine total	6,555	6,550	30	5	1	53	13	8	1,365	7,920
651			Surgery in General	496	496	1	0	0	2	1	1	91	587
652			Gastroenterological Surgery	631	631	0	0	0	3	2	1	107	738
653			Thoracic Surgery	397	397	1	0	0	4	0	0	75	472

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	492	492	2	0	0	2	1	0	96	588
655			Orthopedic Surgery	812	811	2	0	0	8	1	0	160	972
656			Anesthesiology and Rescue Medicine	600	600	3	0	0	2	0	0	168	768
657			Urology	453	452	0	0	0	3	2	0	87	540
658			Obstetrics and Gynecology	534	534	0	0	0	2	0	1	117	651
659			Oto-rhino-laryngology	466	466	0	0	0	8	0	1	120	586
660			Ophthalmology	524	524	2	0	0	3	1	1	89	613
661			Pediatric Surgery	113	113	0	0	0	1	0	0	19	132
662			Formative Surgery	106	106	0	0	0	0	0	0	38	144
			Surgery total	5,624	5,622	11	0	0	38	8	5	1,167	6,791
671	E	D	Oral Anatomy and Morphological Basic Dentistry	429	429	0	0	0	1	2	2	129	558
672			Functional Basic Dentistry	350	350	1	0	1	3	0	0	72	422
673			Morbid Dentistry (inclu. Dental Radiology)	220	220	0	0	0	1	0	1	99	319
674			Conservative Dentistry	464	464	0	2	0	4	2	0	219	683
675			Prosthodontics and Dental Technology	729	729	0	1	1	9	4	6	343	1,072
676			Oral Surgery	785	785	1	0	0	16	1	2	321	1,106
677			Orthodontics, Pedodontics and Social Dentistry	700	700	0	3	0	3	0	5	363	1,063
678			Periodontological Dentistry	171	171	0	0	0	0	0	0	99	270
			Dentistry total	3,848	3,848	2	6	2	37	9	16	1,645	5,493
681		E	Chemical Pharmaceutics	714	714	3	0	0	14	3	0	105	819
682			Physical Pharmaceutics	280	280	0	0	0	3	2	2	40	320
683			Biopharmaceutics	900	900	2	0	0	2	3	4	132	1,032
684			Molecular Pharmaceutics	163	163	0	1	0	0	0	0	23	186
685			Environmental Pharmaceutics	58	58	0	0	0	0	1	0	9	67
			Pharmaceutics total	2,115	2,115	5	1	0	19	9	6	309	2,424
691	E		Medical Sociology	141	140	2	2	0	3	1	0	35	176
692			Human Genetics	98	98	0	0	0	0	0	0	12	110
693			Applied Pharmacology and Medical Pharmacology	208	208	0	0	0	0	1	0	22	230
694			Pathological Examination	215	215	0	0	0	3	1	0	52	267
696			Science of Basic and Local Nursing	396	394	2	0	0	1	1	2	515	911
697			Science of Clinical Nursing	505	504	1	1	0	4	2	0	697	1,202
			Medicine in General total	1,563	1,559	5	3	0	11	6	2	1,333	2,896
			MEDICINE Total	25,514	25,498	72	28	9	230	85	58	6,879	32,393
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	137	137	10	1	2	6	2	4	23	160
703			Physical Education	1,237	1,199	5	3	2	70	7	6	1,283	2,520
704			Human Geography	364	355	14	2	0	19	12	12	101	465
705			Physical Geography	168	168	2	1	0	8	0	0	22	190
			Geography total	532	523	16	3	0	27	12	12	123	655
706			Home Science (inclu. Cloth/Living Environments)	411	409	5	0	0	10	2	0	539	950
707			Food Culture	287	284	1	0	0	1	1	3	384	671
			Domestic Science total	698	693	6	0	0	11	3	3	923	1,621
708			Science of Cultural Property	28	28	2	0	0	1	0	1	10	38
711		A	Science Education	207	206	1	0	0	4	1	1	62	269
712			Educational Engineering	358	355	2	0	0	7	4	3	128	486
713			Curriculum Studies	803	786	5	3	1	27	4	12	551	1,354
714			Japanese Language Education	213	196	6	5	1	2	16	20	113	326
			Science Education·Curriculum Education total	1,581	1,543	14	8	2	40	25	36	854	2,435
721	A		Statistics	211	211	1	0	0	4	0	0	22	233
731			Computer Science	1,206	1,206	5	0	3	6	4	8	200	1,406
732			Intelligent Informatics	881	881	4	2	0	3	5	2	85	966
733	I		Study of Information System (Inclu. Library and Information Science)	608	606	12	1	1	7	7	1	244	852
			Information Science total	2,695	2,693	21	3	4	16	16	11	529	3,224
741			Social System Engineering	375	375	0	0	0	5	2	1	51	426
751			Natural Disaster Science	62	62	0	0	0	2	1	0	5	67
761			Plasma Science and Technology	307	307	1	0	1	5	0	0	20	327
772			Nuclear Fusion	119	119	2	0	0	0	0	0	4	123

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

Code	Subject	Subdivision	Item	1 or more Foreign Languages total	English	French	Spanish	Russian	German	Chinese	Others	Unknown	Total
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	67	67	0	0	0	2	1	1	12	79
774			Nuclear Power Science	176	176	0	0	0	1	0	1	22	198
			Energy total	362	362	2	0	0	3	1	2	38	400
801			Environmental Dynamic Analysis	197	197	1	0	0	1	0	0	25	222
802			Environmental Influence Assessment (inclu. Radiobiology)	209	209	2	0	0	4	0	1	20	229
803			Environmental Preservation	282	282	2	0	0	4	5	3	42	324
			Environmental Science total	688	688	5	0	0	9	5	4	87	775
811			Biological Organic Chemistry	265	264	0	0	0	1	2	1	24	289
812			Structured Biochemistry	294	294	1	1	0	1	0	0	39	333
813			Functional Biochemistry	416	416	2	2	0	2	2	0	36	452
			Biological Chemistry total	975	974	3	3	0	4	4	1	99	1,074
821			Biophysics	369	369	0	0	0	0	0	0	35	404
822			Molecular Biology	965	965	3	1	0	4	0	2	127	1,092
823			Cell Biology	536	536	0	0	1	2	1	1	74	610
824			Developmental Biology	338	338	1	0	0	1	0	0	48	386
			Basic Biology total	2,208	2,208	4	1	1	7	1	3	284	2,492
831			Neuroanatomy and Neuropathology	207	207	1	0	0	3	0	0	24	231
832			Neurochemistry and Neuropharmacology	227	227	2	0	0	2	1	0	15	242
833			Neuro Science in General	405	405	3	1	1	3	2	1	58	463
834			Neuro and Muscular Physiology	265	265	0	0	0	2	2	0	34	299
			Neuro Science (inclu. Brain Science) total	1,104	1,104	6	1	1	10	5	1	131	1,235
841			Laboratory Animal Science	108	108	2	1	0	1	0	0	28	136
851			Medical Organism Engineering and Material Science of Organism	540	540	4	0	0	4	8	2	43	583
	INTERDISCIPLINARY AREA Total			13,848	13,755	102	24	13	225	92	87	4,553	18,401
999	WIDE AREA Total			1,150	1,070	37	9	11	73	24	39	1,267	2,417
	Item n.a. Total			871	838	32	11	3	35	19	36	2,571	3,442
	Grand Total			107,186	103,561	2,531	512	415	4,341	1,850	1,680	32,687	139,873

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	51	66	92	199	161	152	73	41	41	876
212			Chinese Philosophy	6	12	33	46	48	35	15	7	13	215
213			Indian Philosophy (inclu. Buddhist Studies)	41	30	55	58	58	98	53	27	43	463
214			Religion	36	47	57	73	77	41	19	8	14	372
215			Ethics	21	17	28	48	39	38	24	8	17	240
216			History of Philosophy	29	32	57	72	47	23	21	8	13	302
217			Aesthetics (inclu. Arts)	654	583	477	355	185	94	46	15	16	2,425
218			Art History	41	74	109	106	59	41	19	6	3	458
			Philosophy total	879	861	908	957	674	522	270	120	160	5,351
221			Experimental Psychology	35	31	83	154	164	165	78	59	51	820
222			Educational and Social	113	116	225	488	506	501	241	141	183	2,514
223			Sociology	190	235	412	618	439	373	180	84	67	2,598
224			Education	196	266	378	586	499	366	240	102	133	2,766
225			Cultural Anthropology (inclu. Ethnology and Folklore)	55	77	143	152	128	91	29	12	21	708
			Psychology·Sociology·Education Cultural Anthropology total	589	725	1,241	1,998	1,736	1,496	768	398	455	9,406
231			Japanese History	72	104	127	215	140	171	95	52	87	1,063
232			Oriental History	56	41	75	121	100	95	44	22	27	581
233			European History	49	78	139	188	138	88	39	20	12	751
234			Archaeology (inclu. Prehistory)	32	39	46	70	53	45	20	9	13	327
			History total	209	262	387	594	431	399	198	103	139	2,722
241			Japanese Language	45	72	108	187	121	77	50	19	23	702
242			Japanese Literature	124	181	287	428	320	272	145	79	83	1,919
243			Chinese Language and Literature	57	70	128	148	107	74	33	12	14	643
244			English Language and Literature	322	537	911	1,083	718	447	227	81	96	4,422
245			French Language and Literature	42	207	229	137	70	29	7	2	2	725
246			German Language and Literature	59	224	254	217	89	56	22	13	8	942
247			Other Foreign Languages and Literatures	31	127	130	85	51	19	11	2	3	459
248			Linguistics and Phonetics	128	227	296	320	249	175	77	32	29	1,533
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	53	73	75	69	39	26	6	5	9	355
			Literature total	861	1,718	2,418	2,674	1,764	1,175	578	245	267	11,700
			ARTS·HUMANITIES Total	2,538	3,566	4,954	6,223	4,605	3,592	1,814	866	1,021	29,179
261	L A W		Basic Science of Law	31	69	83	78	47	32	11	8	7	366
262			Public Law	59	88	106	126	90	65	30	15	11	590
263			International Law	27	35	53	67	52	34	15	6	5	294
264			Civil Law	100	175	195	197	126	90	52	19	30	984
265			Social Law	10	32	54	55	34	15	8	1	3	212
266			Criminal Law	22	84	54	61	31	26	8	2	0	288
267			Politics	126	149	233	274	179	120	47	21	7	1,156
		LAW Total	375	632	778	858	559	382	171	72	63	3,890	
271	E C O N O M I C S		General Theory of Economics	98	244	320	288	178	82	37	13	12	1,272
272			Economical Statistics	16	34	64	58	33	16	11	4	6	242
273			Economic Policy (inclu. Economic Condition)	114	172	270	286	211	150	58	36	28	1,325
274			Economic History	31	37	109	129	100	57	40	16	7	526
275			Public Finance, Money and Banking	50	63	130	175	119	60	28	21	13	659
276			Commercial Science	29	63	94	132	107	64	35	10	16	550
277			Business Administration	129	126	215	322	254	202	118	56	59	1,481
278			Accounting	60	72	175	232	153	106	57	36	22	913
		ECONOMICS Total	527	811	1,377	1,622	1,155	737	384	192	163	6,968	
301	S C I E N C E		Algebra	109	463	72	28	8	4	2	0	0	686
302			Geometry	84	388	68	30	4	4	0	0	1	579
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	93	258	166	130	70	30	12	8	7	774
305			Basic Analysis	63	357	79	25	3	1	0	0	0	528
306			Larger-area Analysis	40	126	32	9	4	0	0	0	0	211
			Mathematics total	389	1,592	417	222	89	39	14	8	8	2,778
311			Astronomy	30	166	95	39	14	7	1	0	0	352
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	148	777	236	96	34	10	6	2	0	1,309

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)	57	160	210	137	69	28	12	3	6	682	
323			Solid-State Physics II (Magnetism, Metal Physics,	39	380	198	118	42	21	6	0	0	804	
324			Physical Properties in General (inclu. Basic Theories)	33	235	138	75	34	11	6	3	1	536	
325			Physics in General	32	119	129	85	52	19	10	1	1	448	
			Physics total	309	1,671	911	511	231	89	40	9	8	3,779	
331				Physics of Solid Earth	24	122	106	75	42	20	8	3	1	401
332				Meteorology, Oceanography and Hydrology	29	118	83	80	60	27	17	10	6	430
333				Aeronomy	23	68	38	18	2	5	1	0	0	155
334				Geology	18	20	54	60	35	24	21	10	6	248
335				Stratigraphy and Paleontology	10	13	37	30	21	17	8	7	6	149
336				Mineralogy, Petrology and Study of Mineral Deposit	25	24	58	64	52	29	16	10	9	287
337				Geochemistry	20	39	40	45	32	23	12	7	6	224
			Earth Science total	149	404	416	372	244	145	83	47	34	1,894	
341				Physical Chemistry	93	164	234	198	124	74	29	19	6	941
342				Organic Chemistry	74	190	287	182	92	37	9	4	7	882
343				Inorganic Chemistry	39	108	138	77	58	23	12	2	7	464
344				Function, Properties and Materials in Chemistry	30	72	96	101	53	30	17	6	11	416
345				Substance Transformation	2	8	14	17	6	3	1	0	1	52
346				Separation, Refining and Identification	27	19	68	88	51	37	14	5	3	312
				Chemistry total	265	561	837	663	384	204	82	36	35	3,067
351				Genetics	56	66	87	61	47	31	8	7	4	367
352				Ecology	62	75	121	145	107	77	30	25	15	657
353				Plant Physiology	52	61	129	112	77	33	24	5	6	499
354				Morphology, Structure of Organism	26	31	45	53	39	14	12	5	4	229
355				Animal Physiology and	31	34	62	68	44	29	7	8	5	288
356				Morphology and Taxonomy	16	36	58	83	77	43	21	9	13	356
				Biology total	243	303	502	522	391	227	102	59	47	2,396
361				Physical Anthropology (inclu. Physiological Anthropology)	9	4	27	43	17	15	11	5	3	134
			SCIENCE Total	1,394	4,701	3,205	2,372	1,370	726	333	164	135	14,400	
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	30	95	108	80	59	37	13	8	5	435	
402			Surface Physics	28	40	61	61	34	21	11	5	4	265	
403			Applied Optics and Quantum Optics	33	76	113	101	68	23	9	17	9	449	
404			General Applied Physics	13	30	60	39	29	22	7	2	7	209	
405			Fundamentals of Engineering	13	15	29	36	23	13	6	1	3	139	
			Applied Physics·Fundamentals of Engineering total	117	256	371	317	213	116	46	33	28	1,497	
411				Materials for Machines and Strength of Materials	45	84	197	215	144	90	49	25	24	873
412				Workshop Processes and Production Engineering	29	50	124	172	101	69	33	16	13	607
413				Design Engineering, Machine Elements and Tribology	22	34	81	127	59	38	24	9	10	404
414				Fluid Mechanics	70	108	148	168	140	80	39	24	25	802
415				Heat Engineering	40	54	124	168	135	94	50	21	34	720
416				Mechanics and Control Engineering	42	78	138	160	104	51	23	11	14	621
417				Intelligent Mechanics and Machine System	59	75	105	124	95	48	25	17	16	564
			Machine Engineering total	307	483	917	1,134	778	470	243	123	136	4,591	
421				Electric Power Engineering and Electric Machinery	43	185	195	141	90	33	20	6	8	721
422				Electronic and Electric Materials Engineering	48	160	199	177	102	52	25	9	14	786
423				Electron Devices and Apparatus Engineering	67	183	246	154	75	24	8	9	8	774

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	
424	E N G I N E E R I N G		Information and Communication Engineering	139	494	452	310	136	79	31	18	9	1,668	
425			System Engineering	47	63	82	67	51	38	19	9	14	390	
427			Electronic Measurements	35	60	73	106	64	30	13	10	20	411	
428			Control Engineering	24	63	88	104	65	40	11	9	7	411	
			Electric and Electronic Engineering	403	1,208	1,335	1,059	583	296	127	70	80	5,161	
431				Construction Materials and Dynamics in General Civil Engineering	28	33	84	80	42	21	14	5	3	310
432				Structural Engineering and Seismology	35	96	108	100	47	28	11	4	3	432
433				Ground Engineering	30	26	133	102	65	31	19	6	6	418
434				Hydraulics and River Engineering	34	92	95	104	50	25	13	5	8	426
435				Traffic Engineering and Regional Planning	16	27	60	86	57	45	20	11	13	335
436				Civil Environmental System	48	37	68	53	37	32	16	11	16	318
			Civil Engineering total	191	311	548	525	298	182	93	42	49	2,239	
441				Building Structure and Materials	34	158	212	166	59	39	23	7	12	710
442				Building Science and Building Equipment	21	26	78	89	68	50	19	8	21	380
443				City Planning and Building Planning	59	194	201	209	121	84	33	27	23	951
444				Architectural History and Design	47	120	101	78	37	26	7	6	2	424
			Architecture total	161	498	592	542	285	199	82	48	58	2,465	
451				Physical Metallurgy	13	34	77	66	46	32	13	7	6	294
452				Inorganic Materials and	33	56	92	116	72	48	30	19	20	486
453				Composed Materials and Properties	25	27	16	28	34	22	12	5	7	176
454				Structural and Functional Materials	30	48	62	56	42	33	16	11	20	318
455				Metallurgy and Material	26	32	67	81	76	53	36	18	20	409
456				Metal Productive Engineering	10	26	26	45	33	23	13	4	10	190
			Material Engineering total	137	223	340	392	303	211	120	64	83	1,873	
461				Chemical Engineering in General	32	49	71	72	51	34	24	13	19	365
462				Reaction and Separation Engineering	11	47	38	38	45	18	15	13	17	242
463				Catalyst and Chemical Process	15	19	32	36	33	28	12	6	12	193
464				Bioengineering	45	35	48	57	56	41	30	11	21	344
465			Industrial Analytical Chemistry	7	9	37	44	22	20	10	4	6	159	
			Process Engineering total	110	159	226	247	207	141	91	47	75	1,303	
471				Industrial Physical Chemistry	25	38	63	72	49	31	18	15	19	330
472				Industrial Inorganic Chemistry	2	16	17	27	28	23	14	7	6	140
473				Industrial Organic Chemistry	10	16	37	34	25	24	7	2	9	164
474				Synthetic Chemistry	30	99	105	111	62	27	12	2	3	451
475				Polymer Synthesis	25	61	92	80	41	36	20	7	5	367
476				Polymer Structure and Property (inclu. Fiber)	28	51	97	96	64	49	22	16	11	434
			Industrial Chemistry total	120	281	411	420	269	190	93	49	53	1,886	
481				Aeronautics	21	50	55	52	29	13	8	7	2	237
482				Ship Engineering	13	28	27	23	22	23	11	2	6	155
483				Marine Engineering	7	11	10	9	7	6	3	0	2	55
484				Resource Development Engineering	12	19	20	34	20	10	11	5	12	143
			Synthetic Engineering total	53	108	112	118	78	52	33	14	22	590	
			ENGINEERING Total	1,599	3,527	4,852	4,754	3,014	1,857	928	490	584	21,605	
501	A G R I C U L T U R E		Plant Breeding	18	36	47	35	25	15	5	6	2	189	
502			Crop Science	9	20	31	32	22	15	9	5	5	148	
503			Horticulture and Landscape Architecture	34	78	77	101	72	42	26	10	19	459	
504			Plant Protection	34	55	43	69	40	23	16	3	6	289	
505			Sericultural Science and Economic Entomology	14	26	23	18	8	8	1	0	4	102	
			Agriculture total	109	215	221	255	167	103	57	24	36	1,187	
511				Plant Fertilizer and Manure and Soil Science	20	29	49	48	43	22	10	10	9	240
512				Applied Microbiochemistry and Applied Biochemistry	94	105	151	175	145	91	52	24	26	863
513			Biological Productive Chemistry and Bioorganic Chemistry	7	36	54	48	49	27	16	2	4	243	

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
514	A	G	Food Science and Nutritional Chemistry	67	87	151	201	179	136	85	49	54	1,009
			Agricultural Chemistry total	188	257	405	472	416	276	163	85	93	2,355
521			Forestry	10	28	62	90	74	46	33	15	10	368
522			Wood Science	13	42	84	56	36	23	11	10	4	279
			Forestry total	23	70	146	146	110	69	44	25	14	647
531			Fisheries in General	43	75	97	103	84	49	36	18	7	512
532			Fisheries Chemistry	13	33	27	52	25	20	10	5	7	192
			Fisheries total	56	108	124	155	109	69	46	23	14	704
541			Agricultural Economics	28	26	37	78	76	67	39	19	34	404
551	C	U	Irrigation, Drainage and Reclamation Engineering and Rural Planning	10	23	38	66	45	32	24	11	10	259
552			Agricultural Machinery	5	12	30	46	30	13	11	10	8	165
553			Biological Environment	7	8	8	24	16	10	9	3	8	93
			Agricultural Engineering total	22	43	76	136	91	55	44	24	26	517
561			Animal Science and Grassland Science	10	14	33	44	42	31	23	9	13	219
562			Applied Animal Science	20	18	37	37	53	28	10	10	12	225
563			Basic Veterinary Medicine and Basic Animal Science	53	28	43	71	64	58	22	12	18	369
564			Applied Veterinary Medicine	62	37	58	58	52	40	20	10	26	363
			Animal Science·Veterinary Medicine total	145	97	171	210	211	157	75	41	69	1,176
571			Biological Resource Science	9	13	14	15	9	14	7	7	5	93
572	Applied Molecular Cell Biology	13	16	16	18	16	10	3	1	2	95		
			Interdisciplinary Agricultural Science total	22	29	30	33	25	24	10	8	7	188
AGRICULTURE Total				593	845	1,210	1,485	1,205	820	478	249	293	7,178
601	M	E	Anatomy in General (inclu. Histology, Embryology)	52	51	85	119	107	62	43	27	17	563
602			Physiology in General	50	43	112	133	91	69	32	17	26	573
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	7	22	36	78	54	61	38	25	36	357
604			Pharmacology in General	27	44	60	90	69	60	29	14	31	424
605			Medical Chemistry in General	59	54	106	113	94	56	14	12	11	519
606			Pathological Medical Chemistry	26	11	33	35	38	34	10	11	11	209
			Physiology total	221	225	432	568	453	342	166	106	132	2,645
611			Hominal Pathology	39	46	81	135	113	91	46	29	38	618
612			Experimental Pathology	39	20	48	94	53	62	19	11	13	359
613			Parasitology (inclu. Medical Zoology)	12	10	32	52	34	36	15	13	7	211
614			Bacteriology (inclu. Eumycetes)	22	44	66	84	77	44	25	15	21	398
615			Virology	53	53	71	69	58	43	14	5	10	376
616			Immunology	54	77	114	120	93	70	31	11	16	586
			Pathology total	219	250	412	554	428	346	150	84	105	2,548
621			Hygiene	20	18	36	65	46	52	42	29	51	359
622			Public Health and Health Science	82	51	96	182	163	194	108	60	107	1,043
623			Legal Medicine	9	25	35	59	45	45	22	13	21	274
			Social Medicine total	111	94	167	306	254	291	172	102	179	1,676
631			Internal Medicine in General	63	16	46	99	114	106	69	35	65	613
632			Gastroenterology	87	15	20	187	162	190	71	52	101	885
633			Internal Medicine Respiratory System	25	8	24	66	97	86	46	31	35	418
634			Neurological Medicine	43	23	54	118	97	70	35	26	43	509
635			Cardioangiopathy	97	23	99	189	156	184	67	40	104	959
636			Pediatrics	53	35	45	153	138	159	85	41	85	794
637			Dermatology	73	88	71	109	62	57	24	21	29	534
638			Radiology	88	80	173	186	134	112	66	40	64	943
639			Neuropsychiatry	82	63	91	141	125	138	65	40	69	814
641			Hematology	49	15	35	110	87	135	61	28	41	561
642			Internal Medicine of Kidney	21	12	33	93	54	39	18	12	24	306
643			Embryology and Newborn	0	0	0	12	16	11	5	3	2	49
644			Endocrinology	18	12	23	58	43	38	19	18	17	246
645			Metabolic Science	28	10	34	60	58	50	20	6	23	289
	Internal Medicine total	727	400	748	1,581	1,343	1,375	651	393	702	7,920		
651			Surgerv in General	70	16	32	90	73	124	47	33	102	587

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	
652	M		Gastroenterological Surgery	67	16	37	103	89	180	64	39	143	738	
653			Thoracic Surgery	33	13	13	64	52	135	48	23	91	472	
654			Neurosurgery	52	82	77	108	96	73	29	15	56	588	
655			Orthopedic Surgery	96	66	118	183	157	175	62	32	83	972	
656			Anesthesiology and Rescue Medicine	57	40	98	194	137	92	50	35	65	768	
657			Urology	55	52	74	122	82	62	29	22	42	540	
658			Obstetrics and Gynecology	72	27	53	102	108	121	51	29	88	651	
659			Oto-rhino-laryngology	54	39	51	119	75	117	36	21	74	586	
660			Ophthalmology	69	97	138	138	82	37	17	11	24	613	
661			Pediatric Surgery	4	0	14	20	25	22	14	10	23	132	
662			Formative Surgery	13	15	15	28	24	25	2	10	12	144	
				Surgery total	642	463	720	1,271	1,000	1,163	449	280	803	6,791
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	74	25	61	96	102	82	36	28	54	558	
672			Functional Basic Dentistry	47	26	53	76	75	58	42	23	22	422	
673			Morbid Dentistry (inclu. Dental Radiology)	30	24	31	67	53	40	23	20	31	319	
674			Conservative Dentistry	60	97	122	130	102	79	39	19	35	683	
675			Prosthodontics and Dental Technology	115	125	161	218	161	117	44	43	88	1,072	
676			Oral Surgery	120	86	111	166	161	188	81	50	143	1,106	
677			Orthodontics, Pedodontics and Social Dentistry	132	104	165	179	155	133	64	46	85	1,063	
678			Periodontological Dentistry	48	35	88	45	27	10	4	8	5	270	
				Dentistry total	626	522	792	977	836	707	333	237	463	5,493
681			Chemical Pharmaceuticals	43	168	225	201	93	53	20	10	6	819	
682			Physical Pharmaceuticals	29	33	56	76	46	35	22	11	12	320	
683			Biopharmaceutics	77	81	167	217	180	144	73	43	50	1,032	
684			Molecular Pharmaceutics	22	20	40	34	27	18	14	5	6	186	
685			Environmental Pharmaceutics	5	11	13	10	11	7	6	2	2	67	
				Pharmaceutics total	176	313	501	538	357	257	135	71	76	2,424
691			Medical Sociology	12	16	18	36	23	37	14	6	14	176	
692			Human Genetics	11	15	18	19	11	23	3	4	6	110	
693			Applied Pharmacology and Medical Pharmacology	11	16	25	43	38	43	19	16	19	230	
694			Pathological Examination	18	14	17	53	46	45	30	14	30	267	
696			Science of Basic and Local Nursing	111	77	104	165	137	155	85	40	37	911	
697			Science of Clinical Nursing	169	98	127	236	169	205	92	48	58	1,202	
				Medicine in General total	332	236	309	552	424	508	243	128	164	2,896
				MEDICINE Total	3,054	2,503	4,081	6,347	5,095	4,989	2,299	1,401	2,624	32,393
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	8	15	42	31	33	16	8	3	4	160	
703			Physical Education	146	272	533	583	443	286	131	63	63	2,520	
704			Human Geography	10	11	32	77	77	82	68	40	68	465	
705			Physical Geography	4	6	13	23	30	41	24	25	24	190	
				Geography total	14	17	45	100	107	123	92	65	92	655
706			Home Science(inclu. Cloth/Living Environments)	94	76	137	197	173	138	64	33	38	950	
707			Food Culture	78	63	81	135	130	81	39	23	41	671	
				Domestic Science total	172	139	218	332	303	219	103	56	79	1,621
708			Science of Cultural Property	3	6	10	7	3	4	3	1	1	38	
711			Science Education	14	22	36	61	47	40	21	13	15	269	
712			Educational Engineering	38	60	87	119	66	53	32	13	18	486	
713			Curriculum Studies	116	137	218	271	214	215	97	44	42	1,354	
714			Japanese Language Education	29	66	75	68	42	36	5	2	3	326	
				Science Education·Curriculum Education total	197	285	416	519	369	344	155	72	78	2,435
721			Statistics	15	20	44	43	41	29	15	15	11	233	
731			Computer Science	147	289	437	279	160	54	27	5	8	1,406	
732			Intelligent Informatics	78	127	230	211	141	79	50	25	25	966	
733			Study of Information System (Inclu. Library and Information Science)	78	122	185	177	117	91	36	28	18	852	
				Information Science total	303	538	852	667	418	224	113	58	51	3,224
741			Social System Engineering	29	49	74	103	52	45	30	17	27	426	
751			Natural Disaster Science	4	3	10	11	12	7	8	5	7	67	

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

Code	Subj ect	Subd ivisio n	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
761	I N T E R D I S C I P L I N A R Y A R E A		Plasma Science and Technology	14	29	104	83	49	25	15	5	3	327
772			Nuclear Fusion	3	12	44	32	20	7	4	1	0	123
773			Energy Science General	5	17	14	13	12	8	1	3	6	79
774			Nuclear Power Science	10	44	44	42	23	20	6	3	6	198
			Energy total	18	73	102	87	55	35	11	7	12	400
801			Environmental Dynamic Analysis	13	21	38	47	36	34	19	5	9	222
802			Environmental Influence Assessment (inclu. Radiobiology)	12	20	37	48	48	30	11	10	13	229
803			Environmental Preservation	36	36	58	58	49	31	20	13	23	324
			Environmental Science total	61	77	133	153	133	95	50	28	45	775
811			Biological Organic Chemistry	17	50	61	83	36	22	11	3	6	289
812			Structured Biochemistry	33	48	61	70	60	31	18	7	5	333
813			Functional Biochemistry	25	74	83	131	58	50	13	10	8	452
			Biological Chemistry total	75	172	205	284	154	103	42	20	19	1,074
821			Biophysics	20	77	93	90	63	32	13	10	6	404
822			Molecular Biology	121	198	259	232	145	80	31	17	9	1,092
823			Cell Biology	65	87	126	144	91	60	19	6	12	610
824			Developmental Biology	43	60	113	84	43	24	12	4	3	386
			Basic Biology total	249	422	591	550	342	196	75	37	30	2,492
831	A R E A		Neuroanatomy and Neuropathology	20	14	50	51	33	33	17	7	6	231
832			Neurochemistry and Neuropharmacology	19	20	37	62	44	29	14	7	10	242
833			Neuro Science in General	54	57	97	82	76	48	25	12	12	463
834			Neuro and Muscular Physiology	15	22	78	77	46	30	15	11	5	299
			Neuro Science (inclu. Brain Science) total	108	113	262	272	199	140	71	37	33	1,235
841		Laboratory Animal Science	7	10	21	32	20	18	8	7	13	136	
851		Medical Organism Engineering and Material Science of Organism	49	52	79	112	106	68	42	34	41	583	
		INTERDISCIPLINARY AREA Total	1,472	2,292	3,741	3,969	2,839	1,977	972	530	609	18,401	
999		WIDE AREA Total	523	482	447	413	199	177	76	44	56	2,417	
		Item n.a. Total	2,050	414	327	272	182	107	47	17	26	3,442	
		Grand Total	14,125	19,773	24,972	28,315	20,223	15,364	7,502	4,025	5,574	139,873	

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	749	84	29	8	5	0	1	0	0	876
212			Chinese Philosophy	192	19	1	1	1	1	0	0	0	215
213			Indian Philosophy (inclu. Buddhist Studies)	396	41	18	3	5	0	0	0	0	463
214			Religion	286	55	20	7	3	1	0	0	0	372
215			Ethics	211	20	5	1	1	1	0	1	0	240
216			History of Philosophy	252	39	7	4	0	0	0	0	0	302
217			Aesthetics (inclu. Arts)	2,223	142	45	7	6	1	0	0	1	2,425
218			Art History	406	36	12	2	1	0	1	0	0	458
			Philosophy total	4,715	436	137	33	22	4	2	1	1	5,351
221			Experimental Psychology	620	125	49	16	7	2	1	0	0	820
222			Educational and Social	2,096	282	89	37	7	2	0	0	1	2,514
223			Sociology	2,245	246	80	20	3	3	1	0	0	2,598
224			Education	2,390	268	76	21	7	4	0	0	0	2,766
225			Cultural Anthropology (inclu. Ethnology and Folklore)	521	107	47	18	11	1	1	0	2	708
			Psychology·Sociology·Education Cultural Anthropology total	7,872	1,028	341	112	35	12	3	0	3	9,406
231			Japanese History	1,018	38	3	3	1	0	0	0	0	1,063
232			Oriental History	502	58	14	4	1	1	1	0	0	581
233			European History	570	129	31	14	1	5	1	0	0	751
234			Archaeology (inclu. Prehistory)	274	38	11	3	1	0	0	0	0	327
			History total	2,364	263	59	24	4	6	2	0	0	2,722
241			Japanese Language	662	30	7	3	0	0	0	0	0	702
242			Japanese Literature	1,848	54	10	4	3	0	0	0	0	1,919
243			Chinese Language and Literature	532	83	16	4	4	4	0	0	0	643
244			English Language and Literature	3,366	707	239	71	22	9	4	4	0	4,422
245			French Language and Literature	550	127	31	14	3	0	0	0	0	725
246			German Language and Literature	738	147	38	14	2	1	2	0	0	942
247			Other Foreign Languages and Literatures	320	91	26	16	3	1	2	0	0	459
248			Linguistics and Phonetics	1,009	325	131	38	22	5	2	0	1	1,533
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	245	75	25	6	3	1	0	0	0	355
			Literature total	9,270	1,639	523	170	62	21	10	4	1	11,700
			ARTS·HUMANITIES Total	24,221	3,366	1,060	339	123	43	17	5	5	29,179
261	L A W		Basic Science of Law	293	56	10	5	0	1	1	0	0	366
262			Public Law	544	41	5	0	0	0	0	0	0	590
263			International Law	193	66	25	8	0	1	1	0	0	294
264			Civil Law	911	52	15	4	2	0	0	0	0	984
265			Social Law	182	26	2	2	0	0	0	0	0	212
266			Criminal Law	256	23	7	1	0	0	1	0	0	288
267			Politics	889	165	74	20	5	3	0	0	0	1,156
		LAW Total	3,268	429	138	40	7	5	3	0	0	3,890	
271	E C O N O M I C S		General Theory of Economics	989	176	72	28	6	1	0	0	0	1,272
272			Economical Statistics	167	47	21	6	1	0	0	0	0	242
273			Economic Policy (inclu. Economic Condition)	1,068	191	46	14	5	1	0	0	0	1,325
274			Economic History	451	52	17	3	0	1	0	1	1	526
275			Public Finance, Money and Banking	521	110	24	4	0	0	0	0	0	659
276			Commercial Science	453	78	16	1	2	0	0	0	0	550
277			Business Administration	1,227	176	47	20	7	2	2	0	0	1,481
278		Accounting	706	144	48	11	4	0	0	0	0	913	
		ECONOMICS Total	5,582	974	291	87	25	5	2	1	1	6,968	
301	S C I E N C E		Algebra	581	95	8	1	1	0	0	0	0	686
302			Geometry	476	91	6	5	1	0	0	0	0	579
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	585	107	58	13	7	2	1	0	1	774
305			Basic Analysis	427	80	16	2	1	1	1	0	0	528
306			Larger-area Analysis	172	35	3	1	0	0	0	0	0	211
			Mathematics total	2,241	408	91	22	10	3	2	0	1	2,778
311			Astronomy	212	93	35	9	3	0	0	0	0	352
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1,125	162	14	6	2	0	0	0	0	1,309

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Code	Subj ect	Subd ivisi on	I t e m	Number of Academic Societies								Total	
				0	1	2	3	4	5	6	7		8 or more
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	556	102	22	2	0	0	0	0	0	682
323			Solid-State Physics II (Magnetism, Metal Physics,	689	104	10	1	0	0	0	0	0	804
324			Physical Properties in General (inclu. Basic Theories)	436	81	11	6	2	0	0	0	0	536
325			Physics in General	364	61	19	2	0	2	0	0	0	448
		Physics total	3,170	510	76	17	4	2	0	0	0	3,779	
331			Physics of Solid Earth	169	168	55	7	1	1	0	0	0	401
332			Meteorology, Oceanography and Hydrology	261	121	37	8	1	1	1	0	0	430
333			Aeronomy	62	74	15	3	0	0	1	0	0	155
334			Geology	132	60	33	16	4	3	0	0	0	248
335			Stratigraphy and Paleontology	67	39	23	13	4	0	2	0	1	149
336			Mineralogy, Petrology and Study of Mineral Deposit	139	77	51	11	5	0	3	1	0	287
337			Geochemistry	122	59	31	9	2	1	0	0	0	224
		Earth Science total	952	598	245	67	17	6	7	1	1	1,894	
341			Physical Chemistry	711	167	51	10	0	2	0	0	0	941
342			Organic Chemistry	562	240	72	4	2	2	0	0	0	882
343			Inorganic Chemistry	328	106	23	5	2	0	0	0	0	464
344			Function, Properties and Materials in Chemistry	316	71	22	5	2	0	0	0	0	416
345			Substance Transformation	33	17	1	0	1	0	0	0	0	52
346			Separation, Refining and Identification	241	56	13	2	0	0	0	0	0	312
		Chemistry total	2,191	657	182	26	7	4	0	0	0	3,067	
351			Genetics	282	59	17	5	3	0	0	0	1	367
352			Ecology	429	138	58	16	13	3	0	0	0	657
353			Plant Physiology	352	103	32	9	3	0	0	0	0	499
354			Morphology, Structure of Organism	175	29	15	4	3	2	1	0	0	229
355			Animal Physiology and	229	44	13	0	1	1	0	0	0	288
356			Morphology and Taxonomy	165	92	51	27	10	4	4	2	1	356
		Biology total	1,632	465	186	61	33	10	5	2	2	2,396	
361			Physical Anthropology (inclu. Physiological Anthropology)	76	41	15	1	0	1	0	0	0	134
	SCIENCE Total			10,474	2,772	830	203	74	26	14	3	4	14,400
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	321	85	23	4	1	1	0	0	0	435
402			Surface Physics	198	48	13	4	0	1	0	1	0	265
403			Applied Optics and Quantum Optics	259	106	69	11	4	0	0	0	0	449
404			General Applied Physics	162	36	9	1	1	0	0	0	0	209
405			Fundamentals of Engineering	96	26	12	3	1	0	1	0	0	139
		Applied Physics-Fundamentals of Engineering total	1,036	301	126	23	7	2	1	1	0	1,497	
411			Materials for Machines and Strength of Materials	718	97	45	9	1	2	0	0	1	873
412			Workshop Processes and Production Engineering	500	69	29	6	3	0	0	0	0	607
413			Design Engineering, Machine Elements and Tribology	347	43	10	4	0	0	0	0	0	404
414			Fluid Mechanics	654	113	27	4	0	2	2	0	0	802
415			Heat Engineering	594	103	19	4	0	0	0	0	0	720
416			Mechanics and Control Engineering	505	90	21	5	0	0	0	0	0	621
417			Intelligent Mechanics and Machine System	396	134	24	8	2	0	0	0	0	564
			Machine Engineering total	3,714	649	175	40	6	4	2	0	1	4,591
421			Electric Power Engineering and Electric Machinery	418	252	41	6	2	1	0	1	0	721
422			Electronic and Electric Materials Engineering	594	126	47	14	4	1	0	0	0	786
423			Electron Devices and Apparatus Engineering	449	246	63	12	3	1	0	0	0	774

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424	E N G I N E E R I N G		Information and Communication Engineering	844	648	144	21	9	2	0	0	0	1,668	
425			System Engineering	268	95	19	6	0	1	1	0	0	390	
427			Electronic Measurements	279	111	16	3	1	0	1	0	0	411	
428			Control Engineering	227	153	26	4	1	0	0	0	0	411	
			Electric and Electronic Engineering	3,079	1,631	356	66	20	6	2	1	0	5,161	
431				Construction Materials and Dynamics in General Civil Engineering	224	52	20	10	4	0	0	0	0	310
432				Structural Engineering and Seismology	325	71	21	10	5	0	0	0	0	432
433				Ground Engineering	280	88	32	14	2	1	1	0	0	418
434				Hydraulics and River Engineering	271	116	26	11	1	0	0	1	0	426
435				Traffic Engineering and Regional Planning	210	73	39	9	3	1	0	0	0	335
436				Civil Environmental System	213	72	28	3	2	0	0	0	0	318
				Civil Engineering total	1,523	472	166	57	17	2	1	1	0	2,239
441				Building Structure and Materials	548	110	36	9	5	1	0	0	1	710
442				Building Science and Building Equipment	309	48	15	5	3	0	0	0	0	380
443				City Planning and Building Planning	849	79	16	4	3	0	0	0	0	951
444				Architectural History and Design	396	26	2	0	0	0	0	0	0	424
			Architecture total	2,102	263	69	18	11	1	0	0	1	2,465	
451				Physical Metallurgy	226	42	18	6	0	0	0	0	2	294
452				Inorganic Materials and	327	96	47	14	2	0	0	0	0	486
453				Composed Materials and Properties	144	28	1	3	0	0	0	0	0	176
454				Structural and Functional Materials	238	48	19	10	2	1	0	0	0	318
455				Metallurgy and Material	311	64	23	9	2	0	0	0	0	409
456				Metal Productive Engineering	134	42	10	3	0	1	0	0	0	190
				Material Engineering total	1,380	320	118	45	6	2	0	0	2	1,873
461				Chemical Engineering in General	287	60	15	1	1	0	0	0	1	365
462				Reaction and Separation Engineering	171	51	18	2	0	0	0	0	0	242
463				Catalyst and Chemical Process	147	38	7	1	0	0	0	0	0	193
464				Bioengineering	276	44	16	4	4	0	0	0	0	344
465				Industrial Analytical Chemistry	130	24	3	1	1	0	0	0	0	159
				Process Engineering total	1,011	217	59	9	6	0	0	0	1	1,303
471				Industrial Physical Chemistry	201	66	39	18	4	1	1	0	0	330
472				Industrial Inorganic Chemistry	102	27	6	4	1	0	0	0	0	140
473				Industrial Organic Chemistry	100	52	10	2	0	0	0	0	0	164
474				Synthetic Chemistry	269	155	22	5	0	0	0	0	0	451
475				Polymer Synthesis	247	99	19	1	1	0	0	0	0	367
476				Polymer Structure and Property (inclu. Fiber)	312	81	28	9	2	2	0	0	0	434
				Industrial Chemistry total	1,231	480	124	39	8	3	1	0	0	1,886
481				Aeronautics	118	92	21	6	0	0	0	0	0	237
482				Ship Engineering	129	18	7	1	0	0	0	0	0	155
483				Marine Engineering	41	10	3	1	0	0	0	0	0	55
484				Resource Development Engineering	85	36	17	2	2	1	0	0	0	143
			Synthetic Engineering total	373	156	48	10	2	1	0	0	0	590	
	ENGINEERING Total			15,449	4,489	1,241	307	83	21	7	3	5	21,605	
501	A G R I C U L T U R E		Plant Breeding	143	31	8	4	2	0	1	0	0	189	
502			Crop Science	113	22	9	3	1	0	0	0	0	148	
503			Horticulture and Landscape Architecture	284	93	58	21	2	0	1	0	0	459	
504			Plant Protection	174	74	28	9	4	0	0	0	0	289	
505				Sericultural Science and Economic Entomology	82	14	5	1	0	0	0	0	102	
				Agriculture total	796	234	108	38	9	0	2	0	0	1,187
511				Plant Fertilizer and Manure and Soil Science	145	62	22	5	5	1	0	0	0	240
512				Applied Microbiochemistry and Applied Biochemistry	710	124	21	5	2	1	0	0	0	863
513			Biological Productive Chemistry and Bioorganic Chemistry	179	54	5	3	2	0	0	0	0	243	

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514	A	G	Food Science and Nutritional Chemistry	855	115	28	7	3	1	0	0	0	1,009		
			Agricultural Chemistry total	1,889	355	76	20	12	3	0	0	0	2,355		
521			Forestry	286	55	21	4	1	0	1	0	0	368		
522			Wood Science	201	59	16	3	0	0	0	0	0	279		
			Forestry total	487	114	37	7	1	0	1	0	0	647		
531			R	Fisheries in General	382	86	27	15	1	1	0	0	0	512	
532				Fisheries Chemistry	150	32	8	0	1	1	0	0	0	192	
			I	Fisheries total	532	118	35	15	2	2	0	0	0	704	
541				Agricultural Economics	302	71	19	10	2	0	0	0	0	404	
551			C	U	Irrigation, Drainage and Reclamation Engineering and Rural Planning	190	48	16	4	1	0	0	0	0	259
552	Agricultural Machinery	83			52	22	6	2	0	0	0	0	165		
553	Biological Environment	67			17	4	2	0	1	0	2	0	93		
	Agricultural Engineering total	340			117	42	12	3	1	0	2	0	517		
561	T	R			Animal Science and Grassland Science	159	36	19	5	0	0	0	0	0	219
562			Applied Animal Science	121	66	25	7	5	0	0	0	1	225		
563			Basic Veterinary Medicine and Basic Animal Science	280	62	19	5	3	0	0	0	0	369		
564			Applied Veterinary Medicine	268	72	15	6	2	0	0	0	0	363		
			Animal Science·Veterinary Medicine total	828	236	78	23	10	0	0	0	1	1,176		
571			Biological Resource Science	62	13	14	4	0	0	0	0	0	93		
572			Applied Molecular Cell Biology	81	12	2	0	0	0	0	0	0	95		
			Interdisciplinary Agricultural Science total	143	25	16	4	0	0	0	0	0	188		
			AGRICULTURE Total			5,317	1,270	411	129	39	6	3	2	1	7,178
601			M	E	Anatomy in General (inclu. Histology, Embryology)	423	101	23	12	2	0	1	1	0	563
602	Physiology in General	409			108	36	10	9	0	1	0	0	573		
603	Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	250			64	34	2	3	1	2	0	1	357		
604	Pharmacology in General	315			68	26	9	4	1	1	0	0	424		
605	Medical Chemistry in General	425			59	27	2	2	1	2	1	0	519		
606	Pathological Medical Chemistry	151			44	10	1	2	1	0	0	0	209		
	Physiology total	1,973			444	156	36	22	4	7	2	1	2,645		
611	D	I			Hominal Pathology	451	116	39	7	4	1	0	0	0	618
612					Experimental Pathology	266	63	21	3	3	3	0	0	0	359
613					Parasitology (inclu. Medical Zoology)	149	43	12	4	3	0	0	0	0	211
614			Bacteriology (inclu. Eumycetes)	276	79	27	11	4	0	0	0	1	398		
615			Virology	294	58	15	6	2	0	0	0	1	376		
616			Immunology	459	87	27	7	5	1	0	0	0	586		
			Pathology total	1,895	446	141	38	21	5	0	0	2	2,548		
621			C	I	Hygiene	255	59	27	11	6	1	0	0	0	359
622	Public Health and Health Science	822			148	44	18	6	4	1	0	0	1,043		
623	Legal Medicine	189			57	18	5	3	0	0	1	1	274		
	Social Medicine total	1,266			264	89	34	15	5	1	1	1	1,676		
631	N	E	Internal Medicine in General	449	90	48	17	5	2	1	0	1	613		
632			Gastroenterology	733	93	37	10	9	2	0	1	0	885		
633			Internal Medicine Respiratory System	254	89	43	25	3	2	1	1	0	418		
634			Neurological Medicine	366	81	34	18	7	1	0	1	1	509		
635			Cardioangiopathy	712	146	69	24	3	2	2	0	1	959		
636			Pediatrics	614	115	44	16	2	3	0	0	0	794		
637			Dermatology	434	57	29	8	2	2	1	1	0	534		
638			Radiology	637	188	77	30	8	2	1	0	0	943		
639			Neuropsychiatry	640	117	38	10	5	1	1	1	1	814		
641			Hematology	411	75	50	14	6	2	3	0	0	561		
642			Internal Medicine of Kidney	166	62	49	21	6	1	0	0	1	306		
643			Embryology and Newborn	44	4	1	0	0	0	0	0	0	49		
644			Endocrinology	159	36	33	13	4	1	0	0	0	246		
645			Metabolic Science	193	55	32	9	0	0	0	0	0	289		
			Internal Medicine total	5,812	1,208	584	215	60	21	10	5	5	7,920		
651			Surgerv in General	434	71	49	18	6	7	1	1	0	587		

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				0	1	2	3	4	5	6	7		8 or more
652	M		Gastroenterological Surgery	554	107	41	18	5	5	4	2	2	738
653			Thoracic Surgery	336	76	38	11	7	2	1	0	1	472
654			Neurosurgery	424	106	41	9	4	2	2	0	0	588
655			Orthopedic Surgery	715	155	62	19	8	6	4	2	1	972
656			Anesthesiology and Rescue Medicine	520	151	66	17	9	3	2	0	0	768
657			Urology	344	90	68	30	7	0	0	1	0	540
658			Obstetrics and Gynecology	485	98	49	13	4	1	0	0	1	651
659			Oto-rhino-laryngology	498	51	25	6	5	1	0	0	0	586
660			Ophthalmology	353	169	53	25	9	3	1	0	0	613
661			Pediatric Surgery	89	26	5	7	2	2	1	0	0	132
662			Formative Surgery	117	17	4	4	1	0	1	0	0	144
		Surgery total	4,869	1,117	501	177	67	32	17	6	5	6,791	
671	E		Oral Anatomy and Morphological Basic Dentistry	353	139	46	17	2	1	0	0	0	558
672			Functional Basic Dentistry	255	128	30	6	2	1	0	0	0	422
673			Morbid Dentistry (inclu. Dental Radiology)	210	72	26	6	5	0	0	0	0	319
674			Conservative Dentistry	431	182	51	12	5	1	1	0	0	683
675			Prosthodontics and Dental Technology	713	237	82	24	10	5	1	0	0	1,072
676			Oral Surgery	833	192	63	13	3	2	0	0	0	1,106
677			Orthodontics, Pedodontics and Social Dentistry	755	192	81	22	9	4	0	0	0	1,063
678			Periodontological Dentistry	194	50	20	4	1	1	0	0	0	270
		Dentistry total	3,744	1,192	399	104	37	15	2	0	0	5,493	
681	E		Chemical Pharmaceuticals	584	176	46	11	1	0	1	0	0	819
682			Physical Pharmaceuticals	251	43	19	5	2	0	0	0	0	320
683			Biopharmaceutics	828	140	37	22	4	1	0	0	0	1,032
684			Molecular Pharmaceuticals	133	41	5	4	3	0	0	0	0	186
685			Environmental Pharmaceuticals	56	7	2	2	0	0	0	0	0	67
		Pharmaceutics total	1,852	407	109	44	10	1	1	0	0	2,424	
691			Medical Sociology	131	29	12	2	2	0	0	0	0	176
692			Human Genetics	84	16	7	1	1	1	0	0	0	110
693			Applied Pharmacology and Medical Pharmacology	169	39	17	3	1	1	0	0	0	230
694			Pathological Examination	216	34	13	3	1	0	0	0	0	267
696			Science of Basic and Local Nursing	858	36	8	5	3	1	0	0	0	911
697			Science of Clinical Nursing	1,130	57	9	4	1	1	0	0	0	1,202
		Medicine in General total	2,588	211	66	18	9	4	0	0	0	2,896	
		MEDICINE Total	23,999	5,289	2,045	666	241	87	38	14	14	32,393	
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)	116	29	8	5	1	1	0	0	0	160
703			Physical Education	2,133	286	73	24	3	1	0	0	0	2,520
704			Human Geography	408	39	13	3	0	1	1	0	0	465
705			Physical Geography	143	24	16	7	0	0	0	0	0	190
			Geography total	551	63	29	10	0	1	1	0	0	655
706			Home Science(inclu. Cloth/Living Environments)	861	67	16	6	0	0	0	0	0	950
707			Food Culture	629	36	3	3	0	0	0	0	0	671
			Domestic Science total	1,490	103	19	9	0	0	0	0	0	1,621
708			Science of Cultural Property	23	8	7	0	0	0	0	0	0	38
711			Science Education	220	24	17	7	1	0	0	0	0	269
712			Educational Engineering	417	48	16	4	1	0	0	0	0	486
713			Curriculum Studies	1,128	150	59	13	4	0	0	0	0	1,354
714			Japanese Language Education	269	38	13	4	2	0	0	0	0	326
		Science Education·Curriculum Education total	2,034	260	105	28	8	0	0	0	0	2,435	
721	A R E A		Statistics	153	43	18	11	3	3	0	1	1	233
731			Computer Science	830	322	206	37	6	3	0	1	1	1,406
732			Intelligent Informatics	619	221	86	30	6	3	1	0	0	966
733			Study of Information System (Inclu. Library and Information Science)	668	126	45	10	1	2	0	0	0	852
			Information Science total	2,117	669	337	77	13	8	1	1	1	3,224
741			Social System Engineering	295	81	34	11	4	1	0	0	0	426
751			Natural Disaster Science	51	8	2	5	1	0	0	0	0	67

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	
761	I N T E R D I S C I P L I N A R Y		Plasma Science and Technology	247	69	9	2	0	0	0	0	0	327	
772			Nuclear Fusion	96	21	5	1	0	0	0	0	0	123	
773			Energy Science General	54	19	3	1	1	1	0	0	0	79	
774			Nuclear Power Science	152	35	9	1	1	0	0	0	0	198	
			Energy total	302	75	17	3	2	1	0	0	0	400	
801				Environmental Dynamic Analysis	146	49	16	9	2	0	0	0	222	
802				Environmental Influence Assessment (inclu. Radiobiology)	175	36	14	3	0	0	0	1	0	229
803				Environmental Preservation	245	54	17	6	1	0	1	0	0	324
				Environmental Science total	566	139	47	18	3	0	1	1	0	775
811				Biological Organic Chemistry	195	58	29	5	2	0	0	0	0	289
812	A R E A		Structured Biochemistry	270	49	7	5	1	1	0	0	0	333	
813			Functional Biochemistry	366	63	19	3	1	0	0	0	0	452	
			Biological Chemistry total	831	170	55	13	4	1	0	0	0	1,074	
821			Biophysics	326	61	14	2	0	1	0	0	0	404	
822			Molecular Biology	915	132	29	10	6	0	0	0	0	1,092	
823			Cell Biology	500	86	19	5	0	0	0	0	0	610	
824			Developmental Biology	324	49	7	5	1	0	0	0	0	386	
			Basic Biology total	2,065	328	69	22	7	1	0	0	0	2,492	
831				Neuroanatomy and Neuropathology	122	80	23	5	1	0	0	0	0	231
832				Neurochemistry and Neuropharmacology	143	68	20	4	6	0	1	0	0	242
833			Neuro Science in General	266	139	49	8	0	0	1	0	0	463	
834			Neuro and Muscular Physiology	153	98	34	9	2	1	2	0	0	299	
			Neuro Science (inclu. Brain Science) total	684	385	126	26	9	1	4	0	0	1,235	
841			Laboratory Animal Science	107	23	4	1	0	1	0	0	0	136	
851			Medical Organism Engineering and Material Science of Organism	374	125	59	9	12	3	0	1	0	583	
			INTERDISCIPLINARY AREA Total	14,139	2,864	1,018	274	70	23	7	4	2	18,401	
999			WIDE AREA Total	2,032	244	86	35	10	9	0	1	0	2,417	
			Item n.a. Total	3,225	155	34	19	5	4	0	0	0	3,442	
			Grand Total	107,706	21,852	7,154	2,099	677	229	91	33	32	139,873	

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

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total	
211	ARTS • HUMANITIES		Philosophy	44	5	0	0	0	0	49	
212			Chinese Philosophy	25	2	1	0	0	0	28	
213			Indian Philosophy (inclu. Buddhist Studies)	114	12	2	2	0	1	131	
214			Religion	47	4	0	0	0	0	51	
215			Ethics	20	2	0	0	0	0	22	
216			History of Philosophy	31	2	0	0	0	0	33	
217			Aesthetics (inclu. Arts)	530	189	2	1	1	0	723	
218			Art History	62	4	0	0	4	1	71	
			Philosophy total	873	220	5	3	5	2	1,108	
221				Experimental Psychology	129	5	0	1	1	0	136
222				Educational and Social	261	24	0	7	1	1	294
223				Sociology	161	21	0	2	0	1	185
224				Education	181	43	0	1	8	1	234
225				Cultural Anthropology (inclu. Ethnology and Folklore)	99	10	0	6	1	0	116
		Psychology•Sociology•Education Cultural Anthropology total			831	103	0	17	11	3	965
231				Japanese History	91	8	0	1	0	2	102
232				Oriental History	51	2	0	0	0	2	55
233				European History	43	4	0	0	0	0	47
234				Archaeology (inclu. Prehistory)	40	2	0	1	1	1	45
		History total			225	16	0	2	1	5	249
241				Japanese Language	59	5	0	0	1	0	65
242				Japanese Literature	208	40	5	10	0	0	263
243				Chinese Language and Literature	52	3	0	0	0	0	55
244				English Language and Literature	228	36	1	0	0	0	265
245				French Language and Literature	58	2	0	0	0	0	60
246				German Language and Literature	74	1	1	0	0	0	76
247				Other Foreign Languages and Literatures	22	1	0	0	0	0	23
248				Linguistics and Phonetics	85	6	1	1	1	0	94
249				Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	47	5	0	0	0	0	52
				Literature total	833	99	8	11	2	0	953
	ARTS•HUMANITIES Total			2,762	438	13	33	19	10	3,275	
261	LAW		Basic Science of Law	22	1	0	0	0	0	23	
262			Public Law	26	1	0	0	0	0	27	
263			International Law	36	0	0	0	0	0	36	
264			Civil Law	64	0	1	0	0	0	65	
265			Social Law	28	0	0	0	0	0	28	
266			Criminal Law	5	0	0	0	0	0	5	
267			Politics	114	2	0	0	0	0	116	
	LAW Total			295	4	1	0	0	0	300	
271	ECONOMICS		General Theory of Economics	77	0	0	0	0	0	77	
272			Economical Statistics	22	0	0	0	0	0	22	
273			Economic Policy (inclu. Economic Condition)	178	3	0	1	0	0	182	
274			Economic History	51	3	0	0	0	0	54	
275			Public Finance, Money and Banking	58	1	0	0	0	0	59	
276			Commercial Science	93	5	0	0	0	0	98	
277			Business Administration	178	6	0	1	0	0	185	
278			Accounting	122	1	0	0	0	0	123	
	ECONOMICS Total			779	19	0	2	0	0	800	
301	SCIENCE		Algebra	26	0	0	0	0	0	26	
302			Geometry	35	0	0	0	0	0	35	
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	56	0	0	0	0	0	56	
305			Basic Analysis	22	0	0	0	0	0	22	
306			Larger-area Analysis	15	0	0	0	0	0	15	
		Mathematics total			154	0	0	0	0	154	
311		Astronomy	21	0	1	8	0	0	30		
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	82	3	2	13	0	0	100	

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)	73	1	2	0	0	1	77
323			Solid-State Physics II (Magnetism, Metal Physics,	110	1	2	1	0	1	115
324			Physical Properties in General (inclu. Basic Theories)	47	1	1	3	0	0	52
325			Physics in General	36	0	1	3	0	2	42
			Physics total	348	6	8	20	0	4	386
331			Physics of Solid Earth	47	0	0	3	0	0	50
332			Meteorology, Oceanography and Hydrology	106	0	2	9	0	0	117
333			Aeronomy	38	0	0	3	0	0	41
334			Geology	65	0	0	0	0	0	65
335			Stratigraphy and Paleontology	53	0	0	0	4	1	58
336			Mineralogy, Petrology and Study of Mineral Deposit	90	0	0	0	2	0	92
337			Geochemistry	56	1	0	2	0	0	59
			Earth Science total	455	1	2	17	6	1	482
341			Physical Chemistry	134	0	2	11	0	0	147
342			Organic Chemistry	166	0	2	2	0	3	173
343			Inorganic Chemistry	56	0	2	3	0	0	61
344			Function, Properties and Materials in Chemistry	86	2	3	0	0	0	91
345			Substance Transformation	8	0	1	0	0	0	9
346			Separation, Refining and Identification	58	1	2	1	0	0	62
			Chemistry total	508	3	12	17	0	3	543
351			Genetics	52	1	0	5	0	0	58
352			Ecology	66	4	0	2	1	2	75
353			Plant Physiology	66	2	0	3	0	0	71
354			Morphology, Structure of Organism	31	0	0	2	0	1	34
355			Animal Physiology and	44	1	0	1	0	0	46
356			Morphology and Taxonomy	40	3	1	1	5	3	53
			Biology total	299	11	1	14	6	6	337
361			Physical Anthropology (inclu. Physiological Anthropology)	22	1	0	0	2	0	25
	SCIENCE Total			1,807	22	24	76	14	14	1,957
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	116	0	0	2	0	0	118
402			Surface Physics	62	0	1	0	0	0	63
403			Applied Optics and Quantum Optics	128	2	10	4	0	2	146
404			General Applied Physics	50	1	8	1	0	6	66
405			Fundamentals of Engineering	29	0	1	0	0	0	30
			Applied Physics·Fundamentals of Engineering total	385	3	20	7	0	8	423
411			Materials for Machines and Strength of Materials	288	4	23	0	0	0	315
412			Workshop Processes and Production Engineering	254	3	28	0	0	0	285
413			Design Engineering, Machine Elements and Tribology	127	1	12	0	0	0	140
414			Fluid Mechanics	236	3	18	1	0	0	258
415			Heat Engineering	219	4	16	2	0	0	241
416			Mechanics and Control Engineering	154	1	20	1	0	0	176
417			Intelligent Mechanics and Machine System	189	1	8	0	0	0	198
			Machine Engineering total	1,467	17	125	4	0	0	1,613
421			Electric Power Engineering and Electric Machinery	226	4	30	0	0	1	261
422			Electronic and Electric Materials Engineering	186	2	17	0	0	3	208
423			Electron Devices and Apparatus Engineering	220	5	15	2	0	0	242
424			Information and Communication Engineering	418	3	21	13	0	0	455

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

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	104	3	5	1	1	1	115
427			Electronic Measurements	119	1	13	2	0	1	136
428			Control Engineering	110	1	17	1	0	0	129
			Electric and Electronic Engineering	1,383	19	118	19	1	6	1,546
431			Construction Materials and Dynamics in General Civil Engineering	98	0	11	0	0	0	109
432			Structural Engineering and Seismology	97	1	9	0	0	0	107
433			Ground Engineering	99	0	14	0	0	0	113
434			Hydraulics and River Engineering	94	1	7	0	0	1	103
435			Traffic Engineering and Regional Planning	101	3	3	0	0	0	107
436			Civil Environmental System	93	1	8	0	0	0	102
			Civil Engineering total	582	6	52	0	0	1	641
441		A R C H I T E C T U R E	Building Structure and Materials	175	3	7	0	0	1	186
442			Building Science and Building Equipment	136	4	5	0	0	2	147
443			City Planning and Building Planning	247	7	3	0	0	0	257
444			Architectural History and Design	106	8	2	0	1	0	117
			Architecture total	664	22	17	0	1	3	707
451		M E T A L L U R G Y	Physical Metallurgy	123	0	6	0	0	1	130
452			Inorganic Materials and	169	0	3	0	0	1	173
453			Composed Materials and Properties	52	0	5	0	0	1	58
454			Structural and Functional Materials	122	2	6	1	0	2	133
455		M E T A L P R O D U C T I V E	Metallurgy and Material	195	4	10	1	0	1	211
456			Metal Productive Engineering	102	2	2	0	0	0	106
			Material Engineering total	763	8	32	2	0	6	811
461		C H E M I C A L	Chemical Engineering in General	103	0	4	0	0	0	107
462			Reaction and Separation Engineering	62	0	1	0	0	0	63
463			Catalyst and Chemical Process	58	0	0	2	0	0	60
464			Bioengineering	86	0	2	0	0	0	88
465			Industrial Analytical Chemistry	52	0	4	0	0	0	56
			Process Engineering total	361	0	11	2	0	0	374
471		I N D U S T R I A L	Industrial Physical Chemistry	104	1	2	0	0	1	108
472			Industrial Inorganic Chemistry	43	0	1	0	0	0	44
473			Industrial Organic Chemistry	46	0	2	0	0	0	48
474			Synthetic Chemistry	109	1	5	0	0	0	115
475			Polymer Synthesis	106	0	5	0	0	0	111
476			Polymer Structure and Property (inclu. Fiber)	124	8	2	0	0	0	134
			Industrial Chemistry total	532	10	17	0	0	1	560
481		S Y N T H E T I C	Aeronautics	56	0	2	5	0	0	63
482			Ship Engineering	64	0	5	0	0	0	69
483			Marine Engineering	25	0	0	0	0	0	25
484			Resource Development Engineering	71	0	0	0	0	0	71
			Synthetic Engineering total	216	0	7	5	0	0	228
			ENGINEERING Total	6,353	85	399	39	2	25	6,903
501	A G R I C U L T U R E		Plant Breeding	31	0	0	0	0	0	31
502			Crop Science	31	2	0	0	0	0	33
503			Horticulture and Landscape Architecture	119	12	0	0	0	0	131
504			Plant Protection	77	2	0	0	0	0	79
505			Sericultural Science and Economic Entomology	16	0	0	0	0	5	21
			Agriculture total	274	16	0	0	0	5	295
511			Plant Fertilizer and Manure and Soil Science	62	4	0	0	0	0	66
512			Applied Microbiochemistry and Applied Biochemistry	174	10	2	0	0	6	192
513			Biological Productive Chemistry and Bioorganic Chemistry	83	1	0	0	0	1	85
514			Food Science and Nutritional Chemistry	150	27	0	0	0	0	177

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	469	42	2	0	0	7	520
521			Forestry	86	1	0	0	0	0	87
522	G		Wood Science	78	0	0	0	0	1	79
			Forestry total	164	1	0	0	0	1	166
531	R		Fisheries in General	97	0	1	0	0	0	98
532			Fisheries Chemistry	46	4	0	0	0	0	50
			Fisheries total	143	4	1	0	0	0	148
541	I		Agricultural Economics	118	2	0	0	0	0	120
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	63	2	0	1	0	0	66
552	U		Agricultural Machinery	40	1	0	0	0	0	41
553	L		Biological Environment	32	0	0	0	0	0	32
			Agricultural Engineering total	135	3	0	1	0	0	139
561	T		Animal Science and Grassland Science	59	2	0	0	0	0	61
562	U		Applied Animal Science	64	2	0	0	0	0	66
563	R		Basic Veterinary Medicine and Basic Animal Science	65	1	0	0	1	3	70
564			Applied Veterinary Medicine	94	0	0	0	0	2	96
	E		Animal Science·Veterinary Medicine total	282	5	0	0	1	5	293
571			Biological Resource Science	19	0	0	0	0	1	20
572			Applied Molecular Cell Biology	16	0	0	1	0	0	17
			Interdisciplinary Agricultural Science total	35	0	0	1	0	1	37
			AGRICULTURE Total	1,620	73	3	2	1	19	1,718
601			Anatomy in General (inclu. Histology, Embryology)	74	7	0	0	0	1	82
602			Physiology in General	81	3	0	2	0	0	86
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	72	6	1	0	0	0	79
604			Pharmacology in General	94	3	0	0	0	0	97
605			Medical Chemistry in General	107	3	0	0	0	3	113
606			Pathological Medical Chemistry	48	1	0	0	0	1	50
			Physiology total	476	23	1	2	0	5	507
611	M		Hominal Pathology	87	3	0	0	0	0	90
612	E		Experimental Pathology	59	1	0	0	0	3	63
613			Parasitology (inclu. Medical Zoology)	51	2	0	0	0	0	53
614	D		Bacteriology (inclu. Eumycetes)	85	6	0	0	0	1	92
615			Virology	52	1	0	0	0	0	53
616	I		Immunology	100	5	0	0	0	0	105
			Pathology total	434	18	0	0	0	4	456
621	C		Hygiene	58	3	0	0	0	5	66
622			Public Health and Health Science	154	34	0	0	0	0	188
623	I		Legal Medicine	49	0	0	0	0	0	49
			Social Medicine total	261	37	0	0	0	5	303
631	N		Internal Medicine in General	129	5	0	0	0	1	135
632	E		Gastroenterology	196	1	0	0	0	2	199
633			Internal Medicine Respiratory System	80	1	0	0	0	0	81
634			Neurological Medicine	75	2	0	0	0	0	77
635			Cardioangiology	184	3	0	0	0	1	188
636			Pediatrics	124	5	0	0	1	0	130
637			Dermatology	74	0	0	0	0	0	74
638			Radiology	151	11	0	1	0	0	163
639			Neuropsychiatry	82	2	0	0	0	0	84
641			Hematology	79	3	0	0	0	0	82
642			Internal Medicine of Kidney	59	0	0	0	0	0	59
643			Embryology and Newborn	5	1	0	0	0	0	6
644			Endocrinology	68	1	0	0	0	0	69
645			Metabolic Science	41	1	0	0	0	1	43
			Internal Medicine total	1,347	36	0	1	1	5	1,390
651			Surgery in General	58	1	0	0	0	0	59
652			Gastroenterological Surgery	112	0	0	0	0	2	114
653			Thoracic Surgery	60	1	0	0	0	1	62

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	106	1	0	0	0	1	108
655			Orthopedic Surgery	159	3	0	0	0	0	162
656			Anesthesiology and Rescue Medicine	89	1	0	0	0	0	90
657			Urology	82	0	0	0	0	1	83
658			Obstetrics and Gynecology	113	1	0	0	0	0	114
659			Oto-rhino-laryngology	55	0	0	0	0	0	55
660			Ophthalmology	93	0	0	0	0	0	93
661			Pediatric Surgery	22	0	0	0	0	0	22
662			Formative Surgery	14	0	0	0	0	0	14
			Surgery total	963	8	0	0	0	5	976
671	E		Oral Anatomy and Morphological Basic Dentistry	64	1	0	0	0	0	65
672			Functional Basic Dentistry	57	3	0	0	0	0	60
673			Morbid Dentistry (inclu. Dental Radiology)	18	0	0	0	0	0	18
674			Conservative Dentistry	45	1	0	0	0	0	46
675			Prosthodontics and Dental Technology	89	1	0	0	0	0	90
676			Oral Surgery	50	1	0	0	0	0	51
677			Orthodontics, Pedodontics and Social Dentistry	61	2	0	0	0	0	63
678			Periodontological Dentistry	18	0	0	0	0	0	18
			Dentistry total	402	9	0	0	0	0	411
681	E		Chemical Pharmaceutics	155	1	0	0	0	3	159
682			Physical Pharmaceutics	77	1	0	0	0	0	78
683			Biopharmaceutics	184	0	1	0	0	1	186
684			Molecular Pharmaceutics	32	0	0	0	0	0	32
685			Environmental Pharmaceutics	6	0	0	0	0	0	6
			Pharmaceutics total	454	2	1	0	0	4	461
691			Medical Sociology	28	3	0	0	0	1	32
692			Human Genetics	16	1	0	0	0	1	18
693			Applied Pharmacology and Medical Pharmacology	53	0	0	0	0	0	53
694			Pathological Examination	46	18	0	0	0	0	64
696			Science of Basic and Local Nursing	18	11	0	0	0	0	29
697			Science of Clinical Nursing	15	11	0	0	0	0	26
			Medicine in General total	176	44	0	0	0	2	222
			MEDICINE Total	4,513	177	2	3	1	30	4,726
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	23	0	1	0	1	0	25
703			Physical Education	163	16	2	0	0	0	181
704			Human Geography	62	0	0	0	0	0	62
705			Physical Geography	28	0	0	0	0	0	28
			Geography total	90	0	0	0	0	0	90
706			Home Science (inclu. Cloth/Living Environments)	109	64	0	0	0	0	173
707			Food Culture	41	39	0	0	0	0	80
			Domestic Science total	150	103	0	0	0	0	253
708			Science of Cultural Property	2	0	0	0	0	0	2
711			Science Education	48	1	7	0	5	0	61
712	A		Educational Engineering	65	5	4	6	1	0	81
713			Curriculum Studies	138	23	1	0	0	0	162
714			Japanese Language Education	7	0	0	0	1	0	8
			Science Education·Curriculum Education total	258	29	12	6	7	0	312
721			Statistics	49	1	0	5	0	0	55
731			Computer Science	268	4	11	3	0	0	286
732			Intelligent Informatics	271	3	6	6	0	0	286
733	I		Study of Information System (Inclu. Library and Information Science)	146	11	3	9	0	1	170
			Information Science total	685	18	20	18	0	1	742
741			Social System Engineering	121	3	1	0	0	0	125
751			Natural Disaster Science	17	0	1	0	0	0	18
761			Plasma Science and Technology	70	0	5	7	0	0	82
772			Nuclear Fusion	29	1	2	7	0	1	40

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 and Development Science		Energy Science General	28	0	1	0	0	0	29
774			Nuclear Power Science	50	0	1	1	0	0	52
			Energy total	107	1	4	8	0	1	121
801			Environmental Dynamic Analysis	60	0	0	0	0	0	60
802			Environmental Influence Assessment (inclu. Radiobiology)	47	1	1	1	0	2	52
803			Environmental Preservation	74	0	0	0	0	3	77
			Environmental Science total	181	1	1	1	0	5	189
811			Biological Organic Chemistry	52	2	1	0	0	1	56
812			Structured Biochemistry	68	1	0	0	0	2	71
813			Functional Biochemistry	68	1	0	0	0	0	69
	Natural Science		Biological Chemistry total	188	4	1	0	0	3	196
821			Biophysics	36	0	0	1	0	0	37
822			Molecular Biology	136	2	1	4	0	4	147
823			Cell Biology	79	0	0	3	0	3	85
824			Developmental Biology	46	0	0	2	0	0	48
			Basic Biology total	297	2	1	10	0	7	317
831		Area	Neuroanatomy and Neuropathology	32	1	0	0	0	0	33
832			Neurochemistry and Neuropharmacology	34	0	0	0	0	0	34
833			Neuro Science in General	66	0	0	4	0	0	70
834			Neuro and Muscular Physiology	35	1	0	3	0	0	39
			Neuro Science (inclu. Brain Science) total	167	2	0	7	0	0	176
841			Laboratory Animal Science	21	0	0	0	0	4	25
851			Medical Organism Engineering and Material Science of Organism	176	7	7	0	0	0	190
	INTERDISCIPLINARY AREA Total			2,765	187	56	62	8	21	3,099
999	WIDE AREA Total			383	106	4	5	1	1	500
	Item n.a. Total			157	33	0	2	0	0	192
	Grand Total			21,434	1,144	502	224	46	120	23,470

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

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
211	A R T S · H U M A N I T I E S		Philosophy	9	0	0	0	0	0	9
212			Chinese Philosophy	2	0	0	0	0	0	2
213			Indian Philosophy (inclu. Buddhist Studies)	5	0	0	0	0	0	5
214			Religion	5	0	0	0	0	0	5
215			Ethics	4	0	0	0	0	0	4
216			History of Philosophy	3	0	0	0	0	0	3
217			Aesthetics (inclu. Arts)	122	33	1	1	0	0	157
218			Art History	10	0	0	0	0	0	10
			Philosophy total	160	33	1	1	0	0	195
221			Experimental Psychology	15	0	0	0	0	0	15
222			Educational and Social	26	0	0	0	0	0	26
223			Sociology	25	2	0	0	0	0	27
224			Education	23	11	0	0	1	0	35
225			Cultural Anthropology (inclu. Ethnology and Folklore)	28	4	0	2	0	0	34
			Psychology·Sociology·Education Cultural Anthropology total	117	17	0	2	1	0	137
231			Japanese History	6	0	0	0	0	1	7
232			Oriental History	13	0	0	0	0	0	13
233			European History	20	1	1	0	0	0	22
234			Archaeology (inclu. Prehistory)	0	0	0	0	0	0	0
			History total	39	1	1	0	0	1	42
241			Japanese Language	4	1	0	0	0	0	5
242			Japanese Literature	7	1	0	0	0	0	8
243			Chinese Language and Literature	21	1	0	0	0	0	22
244			English Language and Literature	77	18	0	0	0	0	95
245			French Language and Literature	22	0	0	0	0	0	22
246			German Language and Literature	5	0	0	0	0	0	5
247			Other Foreign Languages and Literatures	16	1	0	0	0	0	17
248			Linguistics and Phonetics	46	4	0	0	0	0	50
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	2	0	0	0	0	11
			Literature total	207	28	0	0	0	0	235
			ARTS·HUMANITIES Total	523	79	2	3	1	1	609
261	L A W		Basic Science of Law	6	0	0	0	0	0	6
262			Public Law	3	0	0	0	0	0	3
263			International Law	9	0	0	0	0	0	9
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	31	0	0	0	0	0	31
			LAW Total	55	1	0	0	0	0	56
271	E C O N O M I C S		General Theory of Economics	19	3	0	0	0	0	22
272			Economical Statistics	5	0	0	0	0	0	5
273			Economic Policy (inclu. Economic Condition)	19	0	0	0	0	0	19
274			Economic History	2	0	0	0	0	0	2
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	27	0	0	0	0	0	27
278			Accounting	7	0	0	0	0	0	7
			ECONOMICS Total	88	4	0	0	0	0	92
301	S C I E N C E		Algebra	7	0	0	0	0	0	7
302			Geometry	2	0	0	0	0	0	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	17	0	0	0	0	0	17
305			Basic Analysis	0	0	0	0	0	0	0
306			Larger-area Analysis	1	0	0	0	0	0	1
			Mathematics total	27	0	0	0	0	0	27
311			Astronomy	7	0	0	3	0	0	10
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	27	0	0	3	0	0	30

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)	20	1	0	0	0	0	21
323			Solid-State Physics II (Magnetism, Metal Physics,	9	0	0	0	0	0	9
324			Physical Properties in General (inclu. Basic Theories)	5	0	1	0	0	0	6
325			Physics in General	8	0	0	1	0	0	9
			Physics total	69	1	1	4	0	0	75
331			Physics of Solid Earth	14	0	0	0	0	0	14
332			Meteorology, Oceanography and Hydrology	7	0	0	0	0	0	7
333			Aeronomy	12	0	0	1	0	0	13
334			Geology	8	0	0	0	0	0	8
335			Stratigraphy and Paleontology	0	0	0	0	1	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	9	0	0	0	0	0	9
337			Geochemistry	6	0	0	1	0	0	7
			Earth Science total	56	0	0	2	1	0	59
341			Physical Chemistry	15	0	0	1	0	0	16
342			Organic Chemistry	23	0	0	0	0	1	24
343			Inorganic Chemistry	6	0	0	0	0	0	6
344			Function, Properties and Materials in Chemistry	10	0	0	1	0	0	11
345			Substance Transformation	0	0	0	0	0	0	0
346			Separation, Refining and Identification	7	0	0	0	0	0	7
			Chemistry total	61	0	0	2	0	1	64
351			Genetics	8	0	0	0	0	0	8
352			Ecology	10	0	0	0	0	0	10
353			Plant Physiology	4	0	0	1	0	0	5
354			Morphology, Structure of Organism	2	0	0	1	0	0	3
355			Animal Physiology and	3	0	0	0	0	0	3
356			Morphology and Taxonomy	7	0	1	0	2	0	10
			Biology total	34	0	1	2	2	0	39
361			Physical Anthropology (inclu. Physiological Anthropology)	3	0	0	0	0	0	3
	SCIENCE Total			257	1	2	13	3	1	277
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	35	0	0	1	0	0	36
402			Surface Physics	7	0	0	0	0	0	7
403			Applied Optics and Quantum Optics	25	0	0	0	0	0	25
404			General Applied Physics	10	0	2	0	0	1	13
405			Fundamentals of Engineering	3	0	0	0	0	0	3
			Applied Physics·Fundamentals of Engineering total	80	0	2	1	0	1	84
411			Materials for Machines and Strength of Materials	50	0	0	0	0	0	50
412			Workshop Processes and Production Engineering	18	0	1	0	0	0	19
413			Design Engineering, Machine Elements and Tribology	21	0	0	0	0	0	21
414			Fluid Mechanics	34	0	1	0	0	0	35
415			Heat Engineering	35	1	2	1	0	0	39
416			Mechanics and Control Engineering	22	1	3	0	0	0	26
417			Intelligent Mechanics and Machine System	53	0	1	0	0	0	54
			Machine Engineering total	233	2	8	1	0	0	244
421			Electric Power Engineering and Electric Machinery	44	0	1	0	0	0	45
422			Electronic and Electric Materials Engineering	34	0	2	0	0	0	36
423			Electron Devices and Apparatus Engineering	65	1	2	0	0	0	68
424			Information and Communication Engineering	102	0	2	4	0	0	108

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	27	1	0	1	0	0	29
427			Electronic Measurements	27	0	0	0	0	0	27
428			Control Engineering	28	1	0	0	0	0	29
			Electric and Electronic Engineering	327	3	7	5	0	0	342
431			Construction Materials and Dynamics in General Civil Engineering	26	0	0	0	0	0	26
432			Structural Engineering and Seismology	10	0	0	0	0	0	10
433			Ground Engineering	24	0	0	0	0	0	24
434			Hydraulics and River Engineering	26	1	0	0	0	0	27
435			Traffic Engineering and Regional Planning	14	0	0	0	0	0	14
436			Civil Environmental System	9	1	1	0	0	0	11
			Civil Engineering total	109	2	1	0	0	0	112
441		N	Building Structure and Materials	28	0	2	0	0	0	30
442			Building Science and Building Equipment	16	2	1	0	0	1	20
443			City Planning and Building Planning	38	1	0	0	0	0	39
444			Architectural History and Design	18	0	0	0	0	0	18
			Architecture total	100	3	3	0	0	1	107
451		N	Physical Metallurgy	18	0	2	0	0	0	20
452			Inorganic Materials and	34	1	0	0	0	0	35
453			Composed Materials and Properties	10	0	2	0	0	1	13
454			Structural and Functional Materials	25	0	0	0	0	0	25
455		R	Metallurgy and Material	33	0	2	0	0	0	35
456			Metal Productive Engineering	15	0	0	0	0	0	15
			Material Engineering total	135	1	6	0	0	1	143
461		G	Chemical Engineering in General	10	0	0	0	0	0	10
462			Reaction and Separation Engineering	10	0	1	0	0	0	11
463			Catalyst and Chemical Process	10	0	0	0	0	0	10
464			Bioengineering	12	0	0	0	0	0	12
465			Industrial Analytical Chemistry	8	0	0	0	0	0	8
			Process Engineering total	50	0	1	0	0	0	51
471			Industrial Physical Chemistry	14	0	1	0	0	1	16
472			Industrial Inorganic Chemistry	11	0	0	0	0	0	11
473			Industrial Organic Chemistry	5	0	0	0	0	0	5
474			Synthetic Chemistry	8	0	1	0	0	0	9
475			Polymer Synthesis	9	0	0	0	0	0	9
476			Polymer Structure and Property (inclu. Fiber)	9	0	0	0	0	0	9
			Industrial Chemistry total	56	0	2	0	0	1	59
481			Aeronautics	11	0	1	6	0	0	18
482			Ship Engineering	7	1	0	0	0	0	8
483			Marine Engineering	2	0	0	0	0	0	2
484			Resource Development Engineering	9	0	0	0	0	0	9
			Synthetic Engineering total	29	1	1	6	0	0	37
			ENGINEERING Total	1,119	12	31	13	0	4	1,179
501	A G R I C U L T U R E		Plant Breeding	1	0	0	0	0	0	1
502			Crop Science	3	0	0	0	0	0	3
503			Horticulture and Landscape Architecture	12	0	0	0	0	0	12
504			Plant Protection	11	0	0	0	0	0	11
505			Sericultural Science and Economic Entomology	0	0	0	0	0	1	1
			Agriculture total	27	0	0	0	0	1	28
511			Plant Fertilizer and Manure and Soil Science	8	0	0	0	0	0	8
512			Applied Microbiochemistry and Applied Biochemistry	9	0	0	0	0	1	10
513			Biological Productive Chemistry and Bioorganic Chemistry	5	0	0	0	0	0	5
514			Food Science and Nutritional Chemistry	13	3	0	0	0	0	16

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	35	3	0	0	0	1	39
521			Forestry	3	0	0	0	0	0	3
522	G		Wood Science	4	0	0	0	0	0	4
			Forestry total	7	0	0	0	0	0	7
531	R		Fisheries in General	9	0	0	0	0	0	9
532			Fisheries Chemistry	6	0	0	0	0	0	6
			Fisheries total	15	0	0	0	0	0	15
541	I		Agricultural Economics	6	1	0	0	0	0	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	0	0	0	0	0	3
552	U		Agricultural Machinery	5	1	0	0	0	0	6
553	L		Biological Environment	4	0	0	0	0	0	4
			Agricultural Engineering total	12	1	0	0	0	0	13
561	T		Animal Science and Grassland Science	5	0	0	0	0	0	5
562	U		Applied Animal Science	9	0	0	0	0	0	9
563	R		Basic Veterinary Medicine and Basic Animal Science	17	0	0	0	0	0	17
564			Applied Veterinary Medicine	8	0	0	0	0	0	8
	E		Animal Science·Veterinary Medicine total	39	0	0	0	0	0	39
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	145	5	0	0	0	2	152
601			Anatomy in General (inclu. Histology, Embryology)	17	1	0	0	0	0	18
602			Physiology in General	17	0	0	1	0	0	18
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	15	0	0	0	0	0	15
604			Pharmacology in General	18	0	0	0	0	0	18
605			Medical Chemistry in General	16	0	0	0	0	1	17
606			Pathological Medical Chemistry	8	0	0	0	0	0	8
			Physiology total	91	1	0	1	0	1	94
611	M		Hominal Pathology	19	0	0	0	0	0	19
612	E		Experimental Pathology	12	0	0	0	0	0	12
613			Parasitology (inclu. Medical Zoology)	5	1	0	0	0	0	6
614	D		Bacteriology (inclu. Eumycetes)	8	0	0	0	0	1	9
615			Virology	12	0	0	0	0	0	12
616	I		Immunology	22	1	0	0	0	1	24
			Pathology total	78	2	0	0	0	2	82
621	C		Hygiene	8	0	0	0	0	0	8
622			Public Health and Health Science	25	1	0	0	0	0	26
623	I		Legal Medicine	9	0	0	0	0	0	9
			Social Medicine total	42	1	0	0	0	0	43
631	N		Internal Medicine in General	27	1	0	0	0	1	29
632	E		Gastroenterology	30	0	0	0	0	0	30
633			Internal Medicine Respiratory System	20	1	0	0	0	0	21
634			Neurological Medicine	18	1	0	0	0	0	19
635			Cardioangiopathy	47	1	0	0	0	0	48
636			Pediatrics	22	0	0	0	0	0	22
637			Dermatology	25	0	0	0	0	0	25
638			Radiology	78	4	0	0	0	0	82
639			Neuropsychiatry	24	0	0	0	0	0	24
641			Hematology	18	1	0	0	0	0	19
642			Internal Medicine of Kidney	9	0	0	0	0	0	9
643			Embryology and Newborn	2	0	0	0	0	0	2
644			Endocrinology	22	0	0	0	0	0	22
645			Metabolic Science	9	0	0	0	0	0	9
			Internal Medicine total	351	9	0	0	0	1	361
651			Surgery in General	21	0	0	0	0	0	21
652			Gastroenterological Surgery	29	0	0	0	0	1	30
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	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
654	M		Neurosurgery	22	0	0	0	0	0	22
655			Orthopedic Surgery	69	1	0	0	0	0	70
656			Anesthesiology and Rescue Medicine	16	0	0	0	0	0	16
657			Urology	24	0	0	0	0	0	24
658			Obstetrics and Gynecology	41	0	0	0	0	0	41
659			Oto-rhino-laryngology	10	0	0	0	0	0	10
660			Ophthalmology	29	0	0	0	0	0	29
661			Pediatric Surgery	8	0	0	0	0	0	8
662			Formative Surgery	5	0	0	0	0	0	5
			Surgery total	291	1	0	0	0	1	293
671	E		Oral Anatomy and Morphological Basic Dentistry	11	0	0	0	0	0	11
672			Functional Basic Dentistry	15	0	0	0	0	0	15
673			Morbid Dentistry (inclu. Dental Radiology)	6	0	0	0	0	0	6
674			Conservative Dentistry	21	0	0	0	0	0	21
675			Prosthodontics and Dental Technology	16	0	0	0	0	0	16
676			Oral Surgery	30	1	0	0	0	0	31
677			Orthodontics, Pedodontics and Social Dentistry	20	0	0	0	0	0	20
678			Periodontological Dentistry	15	0	0	0	0	0	15
			Dentistry total	134	1	0	0	0	0	135
681	E		Chemical Pharmaceutics	12	1	0	0	0	0	13
682			Physical Pharmaceutics	8	0	0	0	0	0	8
683			Biopharmaceutics	24	0	0	0	0	0	24
684			Molecular Pharmaceutics	5	0	0	0	0	0	5
685			Environmental Pharmaceutics	3	0	0	0	0	0	3
			Pharmaceutics total	52	1	0	0	0	0	53
691			Medical Sociology	3	1	0	0	0	0	4
692			Human Genetics	3	0	0	0	0	0	3
693			Applied Pharmacology and Medical Pharmacology	9	0	0	0	0	0	9
694			Pathological Examination	8	0	0	0	0	0	8
696	E		Science of Basic and Local Nursing	10	2	0	0	0	0	12
697			Science of Clinical Nursing	9	1	0	0	0	0	10
			Medicine in General total	42	4	0	0	0	0	46
			MEDICINE Total	1,081	20	0	1	0	5	1,107
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	4	0	0	0	0	0	4
703			Physical Education	14	2	0	0	0	0	16
704			Human Geography	5	0	0	0	0	0	5
705			Physical Geography	0	0	0	0	0	0	0
			Geography total	5	0	0	0	0	0	5
706			Home Science (inclu. Cloth/Living Environments)	5	3	0	0	0	0	8
707			Food Culture	2	1	0	0	0	0	3
			Domestic Science total	7	4	0	0	0	0	11
708			Science of Cultural Property	1	0	0	0	0	0	1
711			Science Education	8	0	0	0	0	0	8
712	I		Educational Engineering	6	1	0	1	1	0	9
713			Curriculum Studies	16	4	0	0	0	0	20
714			Japanese Language Education	5	0	0	0	0	0	5
			Science Education·Curriculum Education total	35	5	0	1	1	0	42
721			Statistics	5	0	0	0	0	0	5
731			Computer Science	60	0	1	0	0	0	61
732			Intelligent Informatics	58	0	1	1	0	0	60
733			Study of Information System (Inclu. Library and Information Science)	19	1	0	2	0	0	22
			Information Science total	137	1	2	3	0	0	143
741	I		Social System Engineering	16	0	0	0	0	0	16
751			Natural Disaster Science	2	0	0	0	0	0	2
761			Plasma Science and Technology	14	0	0	2	0	0	16
772			Nuclear Fusion	5	0	1	1	0	0	7

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	Nuclear Energy Research Division		Energy Science General	8	0	0	0	0	0	8
774			Nuclear Power Science	6	0	0	0	0	0	6
			Energy total	19	0	1	1	0	0	21
801			Environmental Dynamic Analysis	6	0	0	0	0	0	6
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	0	0	0	0	5
803			Environmental Preservation	14	0	0	0	0	0	14
			Environmental Science total	25	0	0	0	0	0	25
811			Biological Organic Chemistry	7	0	0	0	0	1	8
812			Structured Biochemistry	4	0	0	0	0	0	4
813			Functional Biochemistry	12	0	0	0	0	1	13
	Nuclear Energy Research Division		Biological Chemistry total	23	0	0	0	0	2	25
821			Biophysics	9	0	0	0	0	0	9
822			Molecular Biology	28	0	0	0	0	1	29
823			Cell Biology	11	0	0	0	0	1	12
824			Developmental Biology	8	0	0	0	0	0	8
			Basic Biology total	56	0	0	0	0	2	58
831			Neuroanatomy and Neuropathology	7	0	0	0	0	0	7
832			Neurochemistry and Neuropharmacology	7	0	0	0	0	0	7
833			Neuro Science in General	9	0	1	0	0	0	10
834			Neuro and Muscular Physiology	8	0	0	0	0	0	8
			Neuro Science (inclu. Brain Science) total	31	0	1	0	0	0	32
841			Laboratory Animal Science	1	0	0	0	0	1	2
851			Medical Organism Engineering and Material Science of Organism	47	4	1	0	0	0	52
	INTERDISCIPLINARY AREA Total			442	16	5	7	1	5	476
999	WIDE AREA Total			117	13	0	1	0	1	132
	Item n.a. Total			62	5	1	1	0	0	69
	Grand Total			3,889	156	41	39	5	19	4,149

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	121	1	0	122	14,945	769	8	15,722	11,652	1,175	9	12,836	3,218	504	4	3,726
	Municipal	30	4	0	34	1,953	273	1	2,227	1,418	286	0	1,704	752	243	0	995
	Private	260	19	0	279	20,821	2,371	25	23,217	8,936	2,033	16	10,985	6,052	1,701	11	7,764
	total	411	24	0	435	37,719	3,413	34	41,166	22,006	3,494	25	25,525	10,022	2,448	15	12,485
Junior Colleges	National	2	0	0	2	155	33	0	188	96	62	0	158	18	18	0	36
	Municipal	12	1	0	13	260	98	0	358	181	131	0	312	91	144	0	235
	Private	141	22	0	163	2,825	1,472	5	4,302	1,566	1,357	4	2,927	936	1,152	0	2,088
	total	155	23	0	178	3,240	1,603	5	4,848	1,843	1,550	4	3,397	1,045	1,314	0	2,359
Colleges of Technology	National	0	0	0	0	1,373	13	0	1,386	1,287	51	0	1,338	427	45	0	472
	Municipal	0	0	0	0	130	1	0	131	79	4	0	83	45	9	0	54
	Private	1	0	0	1	54	0	0	54	43	2	0	45	36	4	0	40
	total	1	0	0	1	1,557	14	0	1,571	1,409	57	0	1,466	508	58	0	566
Inter-University Research Institutes		1	0	0	1	230	6	0	236	209	29	0	238	2	0	0	2
Government Research Institutes		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Private Scientific Research Institutes		0	0	0	0	5	1	0	6	3	0	0	3	3	1	0	4
Grand Total	National	124	1	0	125	16,703	821	8	17,532	13,244	1,317	9	14,570	3,666	567	4	4,237
	Municipal	42	5	0	47	2,343	372	1	2,716	1,678	421	0	2,099	888	396	0	1,284
	Private	402	41	0	443	23,705	3,844	30	27,579	10,548	3,392	20	13,960	7,027	2,858	11	9,896
	total	568	47	0	615	42,751	5,037	39	47,827	25,470	5,130	29	30,629	11,581	3,821	15	15,417

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	10,270	1,629	22	11,921	681	170	2	853	10,703	3,155	17	13,875	846	226	2	1,074
	Municipal	1,142	421	3	1,566	118	26	0	144	465	160	1	626	14	7	0	21
	Private	4,985	2,075	9	7,069	1,094	266	2	1,362	2,334	1,135	11	3,480	41	19	0	60
	total	16,397	4,125	34	20,556	1,893	462	4	2,359	13,502	4,450	29	17,981	901	252	2	1,155
Junior Colleges	National	52	78	0	130	0	0	0	0	0	0	0	0	0	0	0	0
	Municipal	19	140	0	159	5	1	0	6	0	0	0	0	0	0	0	0
	Private	89	471	0	560	100	50	0	150	3	0	0	3	0	0	0	0
	total	160	689	0	849	105	51	0	156	3	0	0	3	0	0	0	0
Colleges of Technology	National	401	41	1	443	47	1	0	48	1	1	0	2	1	0	0	1
	Municipal	8	1	0	9	3	0	0	3	0	0	0	0	0	0	0	0
	Private	11	0	0	11	5	0	0	5	0	0	0	0	0	0	0	0
	total	420	42	1	463	55	1	0	56	1	1	0	2	1	0	0	1
Inter-University Research Institutes		292	30	0	322	24	3	0	27	3	1	0	4	80	12	0	92
Government Research Institutes		0	0	0	0	257	45	0	302	0	0	0	0	1	2	0	3
Private Scientific Research Institutes		2	0	0	2	599	125	0	724	0	0	0	0	6	5	0	11
Grand Total	National	11,015	1,778	23	12,816	1,009	219	2	1,230	10,707	3,157	17	13,881	928	240	2	1,170
	Municipal	1,169	562	3	1,734	126	27	0	153	465	160	1	626	14	7	0	21
	Private	5,087	2,546	9	7,642	1,798	441	2	2,241	2,337	1,135	11	3,483	47	24	0	71
	total	17,271	4,886	35	22,192	2,933	687	4	3,624	13,509	4,452	29	17,990	989	271	2	1,262

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	46	18	5	69	52,482	7,647	69	60,198
	Municipal	1	1	1	3	5,893	1,421	6	7,320
	Private	56	22	155	233	44,579	9,641	229	54,449
	total	103	41	161	305	102,954	18,709	304	121,967
Junior Colleges	National	0	0	0	0	323	191	0	514
	Municipal	0	2	0	2	568	517	0	1,085
	Private	2	0	0	2	5,662	4,524	9	10,195
	total	2	2	0	4	6,553	5,232	9	11,794
Colleges of Technology	National	0	0	0	0	3,537	152	1	3,690
	Municipal	0	0	0	0	265	15	0	280
	Private	0	0	0	0	150	6	0	156
	total	0	0	0	0	3,952	173	1	4,126
Inter-University Research Institutes		0	0	0	0	841	81	0	922
Government Research Institutes		0	0	0	0	259	47	0	306
Private Scientific Research Institutes		5	3	0	8	623	135	0	758
Grand Total	National	46	18	5	69	57,442	8,118	70	65,630
	Municipal	1	3	1	5	6,726	1,953	6	8,685
	Private	63	25	155	243	51,014	14,306	238	65,558
	total	110	46	161	317	115,182	24,377	314	139,873

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	60,198	26,786	20,180	636	47,602	10,818	1,778	54,391	2,826	2,981
	Municipal	7,320	3,216	1,946	125	5,287	1,785	248	6,641	270	409
	Private	54,449	23,412	14,217	776	38,405	14,539	1,505	48,482	3,345	2,622
	total	121,967	53,414	36,343	1,537	91,294	27,142	3,531	109,514	6,441	6,012
Junior Colleges	National	514	122	182	16	320	144	50	476	12	26
	Municipal	1,085	331	325	29	685	324	76	1,003	29	53
	Private	10,195	2,313	2,892	178	5,383	3,669	1,143	9,082	597	516
	total	11,794	2,766	3,399	223	6,388	4,137	1,269	10,561	638	595
Colleges of Technology	National	3,690	1,088	1,447	28	2,563	928	199	3,548	48	94
	Municipal	280	110	111	2	223	52	5	268	4	8
	Private	156	20	48	5	73	70	13	134	10	12
	total	4,126	1,218	1,606	35	2,859	1,050	217	3,950	62	114
Inter-University Research Institutes		922	692	142	6	840	55	27	842	39	41
Government Research Institutes		306	143	122	3	268	36	2	287	13	6
Private Scientific Research Institutes		758	224	175	9	408	297	53	711	12	35
Grand Total	National	65,630	28,831	22,073	689	51,593	11,981	2,056	59,544	2,938	3,148
	Municipal	8,685	3,657	2,382	156	6,195	2,161	329	7,912	303	470
	Private	65,558	25,969	17,332	968	44,269	18,575	2,714	58,409	3,964	3,185
	total	139,873	58,457	41,787	1,813	102,057	32,717	5,099	125,865	7,205	6,803

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	101	11,823	9,379	2,832	7,989	419	136	852	11	33,542
	Municipal	26	1,468	1,074	664	793	62	2	15	0	4,104
	Private	166	11,597	4,907	4,226	3,105	635	34	31	18	24,719
	total	293	24,888	15,360	7,722	11,887	1,116	172	898	29	62,365
Junior Colleges	National	1	145	70	3	11	0	0	0	0	230
	Municipal	6	146	87	39	9	4	0	0	0	291
	Private	61	940	348	167	13	39	0	0	0	1,568
	total	68	1,231	505	209	33	43	0	0	0	2,089
Colleges of Technology	National	0	766	579	169	146	38	0	1	0	1,699
	Municipal	0	51	42	26	4	3	0	0	0	126
	Private	0	12	6	5	0	0	0	0	0	23
	total	0	829	627	200	150	41	0	1	0	1,848
Inter-University Research Institutes		1	215	187	1	255	22	1	69	0	751
Government Research Institutes		0	0	0	0	0	94	0	3	0	97
Private Scientific Research Institutes		0	2	0	2	1	338	0	9	0	352
Grand Total	National	103	12,949	10,215	3,005	8,401	573	137	925	11	36,319
	Municipal	32	1,665	1,203	729	806	69	2	15	0	4,521
	Private	227	12,551	5,261	4,400	3,119	1,012	34	40	18	26,662
	total	362	27,165	16,679	8,134	12,326	1,654	173	980	29	67,502

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	23	4,394	3,270	972	2,401	169	1,510	235	5	12,979
	Municipal	7	477	358	202	273	8	59	3	0	1,387
	Private	40	3,940	1,729	1,293	1,018	188	337	15	6	8,566
	total	70	8,811	5,357	2,467	3,692	365	1,906	253	11	22,932
Junior Colleges	National	0	47	27	2	12	0	0	0	0	88
	Municipal	4	25	20	12	4	0	0	0	0	65
	Private	10	203	123	88	17	6	1	0	0	448
	total	14	275	170	102	33	6	1	0	0	601
Colleges of Technology	National	0	119	128	43	56	12	1	0	0	359
	Municipal	0	10	12	5	5	2	0	0	0	34
	Private	0	2	1	3	1	0	0	0	0	7
	total	0	131	141	51	62	14	1	0	0	400
Inter-University Research Institutes		1	135	101	0	113	9	1	25	0	385
Government Research Institutes		0	0	0	0	0	59	0	1	0	60
Private Scientific Research Institutes		0	1	0	0	1	87	0	5	0	94
Grand Total	National	24	4,695	3,526	1,017	2,582	249	1,512	261	5	13,871
	Municipal	11	512	390	219	282	10	59	3	0	1,486
	Private	50	4,146	1,853	1,384	1,037	281	338	20	6	9,115
	total	85	9,353	5,769	2,620	3,901	540	1,909	284	11	24,472

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

Organizations		Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation,etc.(contribution,entrusted fund included)	At one's own expenses	Total(excl. duplicated sponsors)
Universities	National	1,128	856	4,505	630	1,849	3,833	4,206	12,979
	Municipal	118	96	286	46	397	202	598	1,387
	Private	850	697	894	301	3,998	815	3,103	8,566
	total	2,096	1,649	5,685	977	6,244	4,850	7,907	22,932
Junior Colleges	National	4	4	21	2	6	16	47	88
	Municipal	9	4	10	1	11	8	36	65
	Private	37	22	37	12	181	23	220	448
	total	50	30	68	15	198	47	303	601
Colleges of Technology	National	15	11	71	10	39	116	137	359
	Municipal	0	0	4	0	6	5	20	34
	Private	1	0	0	1	4	1	2	7
	total	16	11	75	11	49	122	159	400
Inter-University Research Institutes		37	32	234	25	60	76	32	385
Government Research Institutes		8	5	29	3	9	6	13	60
Private Scientific Research Institutes		11	7	15	3	44	10	18	94
Grand Total	National	1,192	908	4,860	670	1,963	4,047	4,435	13,871
	Municipal	127	100	300	47	414	215	654	1,486
	Private	899	726	946	317	4,227	849	3,343	9,115
	total	2,218	1,734	6,106	1,034	6,604	5,111	8,432	24,472

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	20	4,072	3,151	928	2,332	165	1,502	230	6	12,406
	Municipal	6	444	341	177	265	10	54	3	0	1,300
	Private	29	3,252	1,553	1,241	1,000	155	271	10	5	7,516
	total	55	7,768	5,045	2,346	3,597	330	1,827	243	11	21,222
Junior Colleges	National	0	39	22	1	14	0	0	0	0	76
	Municipal	4	22	15	10	5	0	0	0	0	56
	Private	8	135	87	68	15	6	1	0	0	320
	total	12	196	124	79	34	6	1	0	0	452
Colleges of Technology	National	0	116	141	51	69	11	1	0	0	389
	Municipal	0	10	15	5	4	2	0	0	0	36
	Private	0	2	2	5	1	0	0	0	0	10
	total	0	128	158	61	74	13	1	0	0	435
Inter-University Research Institutes		1	123	93	0	112	7	0	25	0	361
Government Research Institutes		0	0	0	0	0	49	0	1	0	50
Private Scientific Research Institutes		0	1	0	0	1	85	0	5	0	92
Grand Total	National	21	4,350	3,407	980	2,527	232	1,503	256	6	13,282
	Municipal	10	476	371	192	274	12	54	3	0	1,392
	Private	37	3,390	1,642	1,314	1,017	246	272	15	5	7,938
	total	68	8,216	5,420	2,486	3,818	490	1,829	274	11	22,612

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

Organizations		Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations	Affiliated institution	Foundation,etc.(contribution,entrusted fund included)	At one's own expenses	Total(excl. duplicated sponsors)
Universities	National	1,077	855	4,389	603	1,787	3,710	3,605	12,406
	Municipal	107	93	281	42	365	203	504	1,300
	Private	746	646	830	235	3,616	718	2,355	7,516
	total	1,930	1,594	5,500	880	5,768	4,631	6,464	21,222
Junior Colleges	National	4	3	18	1	4	16	37	76
	Municipal	8	5	10	2	8	4	29	56
	Private	31	19	35	9	130	21	127	320
	total	43	27	63	12	142	41	193	452
Colleges of Technology	National	15	10	81	7	36	134	144	389
	Municipal	0	0	5	0	6	9	18	36
	Private	1	0	0	1	6	2	2	10
	total	16	10	86	8	48	145	164	435
Inter-University Research Institutes		39	29	214	17	56	68	31	361
Government Research Institutes		6	6	23	1	6	6	10	50
Private Scientific Research Institutes		9	7	18	2	46	8	15	92
Grand Total	National	1,141	903	4,725	629	1,889	3,934	3,827	13,282
	Municipal	115	98	296	44	379	216	551	1,392
	Private	787	672	883	247	3,798	749	2,499	7,938
	total	2,043	1,673	5,904	920	6,066	4,899	6,877	22,612

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	6,847	9,572	10,972	11,673	8,317	6,125	2,943	1,614	2,135	60,198
	Municipal	629	774	1,140	1,560	1,091	1,014	478	257	377	7,320
	Private	4,614	6,480	9,207	11,331	8,477	6,596	3,318	1,788	2,638	54,449
	total	12,090	16,826	21,319	24,564	17,885	13,735	6,739	3,659	5,150	121,967
Junior Colleges	National	21	49	76	114	94	58	36	20	46	514
	Municipal	98	102	154	251	170	171	63	42	34	1,085
	Private	1,459	1,505	1,813	2,068	1,385	992	503	221	249	10,195
	total	1,578	1,656	2,043	2,433	1,649	1,221	602	283	329	11,794
Colleges of Technology	National	212	817	1,016	846	426	214	81	39	39	3,690
	Municipal	18	48	71	74	40	21	4	0	4	280
	Private	36	50	32	19	14	2	2	0	1	156
	total	266	915	1,119	939	480	237	87	39	44	4,126
Inter-University Research Institutes		59	220	247	197	80	64	25	17	13	922
Government Research Institutes		13	30	63	57	52	48	19	11	13	306
Private Scientific Research Institutes		119	126	181	125	77	59	30	16	25	758
Grand Total	National	7,152	10,688	12,374	12,887	8,969	6,509	3,104	1,701	2,246	65,630
	Municipal	745	924	1,365	1,885	1,301	1,206	545	299	415	8,685
	Private	6,228	8,161	11,233	13,543	9,953	7,649	3,853	2,025	2,913	65,558
	total	14,125	19,773	24,972	28,315	20,223	15,364	7,502	4,025	5,574	139,873

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	44,270	10,812	3,580	1,023	331	112	37	13	20	60,198
	Municipal	5,516	1,209	414	122	38	13	6	1	1	7,320
	Private	42,043	8,264	2,828	877	272	96	44	15	10	54,449
	total	91,829	20,285	6,822	2,022	641	221	87	29	31	121,967
Junior Colleges	National	416	76	17	5	0	0	0	0	0	514
	Municipal	966	94	20	2	1	0	1	1	0	1,085
	Private	9,360	649	129	34	18	3	1	1	0	10,195
	total	10,742	819	166	41	19	3	2	2	0	11,794
Colleges of Technology	National	3,287	341	48	8	4	2	0	0	0	3,690
	Municipal	248	30	2	0	0	0	0	0	0	280
	Private	145	10	1	0	0	0	0	0	0	156
	total	3,680	381	51	8	4	2	0	0	0	4,126
Inter-University Research Institutes		591	238	69	14	6	1	1	1	1	922
Government Research Institutes		214	54	25	5	6	1	1	0	0	306
Private Scientific Research Institutes		650	75	21	9	1	1	0	1	0	758
Grand Total	National	48,778	11,521	3,739	1,055	347	116	39	14	21	65,630
	Municipal	6,730	1,333	436	124	39	13	7	2	1	8,685
	Private	52,198	8,998	2,979	920	291	100	45	17	10	65,558
	total	107,706	21,852	7,154	2,099	677	229	91	33	32	139,873