

Table 21. Number of Research Topics by Field of Specialization / by Status of Research Topic (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
211	A R T S · H U M A N I T I E S		Philosophy	67	2	8	0	3	80
212			Chinese Philosophy	24	0	2	0	3	29
213			Indian Philosophy (inclu. Buddhist Studies)	6	3	1	1	0	11
214			Religion	9	0	0	4	0	13
215			Ethics	22	0	1	0	1	24
216			History of Philosophy	31	1	1	2	2	37
217			Aesthetics (inclu. Arts)	141	13	9	6	16	185
218			Art History	34	0	4	3	1	42
		Philosophy total	334	19	26	16	26	421	
221			Experimental Psychology	49	7	23	10	7	96
222			Educational and Social	143	10	53	2	10	218
223			Sociology	248	23	57	16	17	361
224			Education	151	17	29	5	12	214
225			Cultural Anthropology (inclu. Ethnology and Folklore)	45	3	6	9	6	69
		Psychology·Sociology·Education Cultural Anthropology total	636	60	168	42	52	958	
231			Japanese History	66	0	6	2	5	79
232			Oriental History	38	0	4	3	2	47
233			European History	71	0	4	0	2	77
234			Archaeology (inclu. Prehistory)	4	0	2	0	0	6
		History total	179	0	16	5	9	209	
241			Japanese Language	61	0	5	0	3	69
242			Japanese Literature	142	2	8	1	8	161
243			Chinese Language and Literature	37	0	5	6	1	49
244			English Language and Literature	393	9	14	5	25	446
245			French Language and Literature	43	0	8	2	4	57
246			German Language and Literature	45	2	2	1	4	54
247			Other Foreign Languages and Literatures	32	2	3	1	4	42
248			Linguistics and Phonetics	98	2	20	10	14	144
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	13	1	0	1	2	17
			Literature total	864	18	65	27	65	1,039
	ARTS·HUMANITIES Total	2,013	97	275	90	152	2,627		
261	L A W	Basic Science of Law	28	0	0	0	0	28	
262		Public Law	61	1	5	1	4	72	
263		International Law	17	0	4	0	1	22	
264		Civil Law	51	0	7	1	5	64	
265		Social Law	25	1	3	0	1	30	
266		Criminal Law	10	0	3	0	0	13	
267		Politics	78	1	12	4	6	101	
	LAW Total	270	3	34	6	17	330		
271	E C O N O M I C S	General Theory of Economics	146	13	24	10	13	206	
272		Economical Statistics	15	1	3	1	0	20	
273		Economic Policy (inclu. Economic Condition)	125	11	23	12	12	183	
274		Economic History	55	2	11	1	1	70	
275		Public Finance, Money and Banking	60	4	17	3	6	90	
276		Commercial Science	44	4	3	1	0	52	
277		Business Administration	89	2	15	5	12	123	
278		Accounting	69	2	7	4	3	85	
	ECONOMICS Total	603	39	103	37	47	829		
301	S C I E N C E	Algebra	38	2	1	1	0	42	
302		Geometry	23	0	2	3	2	30	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	50	8	16	2	6	82	
305		Basic Analysis	34	2	4	3	1	44	
306		Larger-area Analysis	4	1	5	0	0	10	
		Mathematics total	149	13	28	9	9	208	
311		Astronomy	1	0	7	2	0	10	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Physics	32	7	31	21	10	101	

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Code	Subj ect	Subd ivisi on	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	14	24	24	5	0	67
323			Solid-State Physics II (Magnetism, Metal Physics,	17	27	28	11	1	84
324			Physical Properties in General (inclu. Basic Theories)	20	3	22	4	3	52
325			Physics in General	16	19	11	8	0	54
			Physics total	99	80	116	49	14	358
331			Physics of Solid Earth	5	0	5	2	0	12
332			Meteorology, Oceanography and Hydrology	3	3	6	4	0	16
333			Aeronomy	13	5	7	5	0	30
334			Geology	7	0	1	2	0	10
335			Stratigraphy and Paleontology	10	3	3	0	0	16
336			Mineralogy, Petrology and Study of Mineral Deposit	0	1	4	4	2	11
337			Geochemistry	0	1	1	1	0	3
			Earth Science total	38	13	27	18	2	98
341			Physical Chemistry	39	28	35	10	5	117
342			Organic Chemistry	39	16	19	6	1	81
343			Inorganic Chemistry	17	8	12	2	4	43
344			Function, Properties and Materials in Chemistry	14	11	8	0	0	33
345			Substance Transformation	3	0	0	0	0	3
346			Separation, Refining and Identification	11	6	14	0	3	34
			Chemistry total	123	69	88	18	13	311
351			Genetics	11	10	13	5	4	43
352			Ecology	43	18	22	9	1	93
353			Plant Physiology	44	19	27	10	3	103
354			Morphology, Structure of Organism	4	2	2	0	0	8
355			Animal Physiology and	13	8	8	4	1	34
356			Morphology and Taxonomy	22	3	6	7	1	39
			Biology total	137	60	78	35	10	320
361			Physical Anthropology (inclu. Physiological Anthropology)	6	2	3	2	0	13
	SCIENCE Total			553	237	347	133	48	1,318
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	13	15	13	2	1	44
402			Surface Physics	6	4	2	0	0	12
403			Applied Optics and Quantum Optics	12	16	12	2	2	44
404			General Applied Physics	10	4	3	0	0	17
405			Fundamentals of Engineering	3	1	8	2	0	14
			Applied Physics-Fundamentals of Engineering total	44	40	38	6	3	131
411			Materials for Machines and Strength of Materials	25	34	26	7	2	94
412			Workshop Processes and Production Engineering	29	25	28	0	2	84
413			Design Engineering, Machine Elements and Tribology	10	7	9	2	2	30
414			Fluid Mechanics	40	23	20	6	4	93
415			Heat Engineering	10	32	15	6	3	66
416			Mechanics and Control Engineering	29	11	16	0	5	61
417			Intelligent Mechanics and Machine System	25	12	9	0	3	49
			Machine Engineering total	168	144	123	21	21	477
421			Electric Power Engineering and Electric Machinery	13	27	29	4	2	75
422			Electronic and Electric Materials Engineering	18	20	15	2	0	55
423			Electron Devices and Apparatus Engineering	19	27	16	0	2	64
424			Information and Communication Engineering	80	47	46	4	9	186

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Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
425	E N G I N E E R I N G		System Engineering	20	11	4	1	1	37
427			Electronic Measurements	7	4	6	1	2	20
428			Control Engineering	25	22	15	2	1	65
			Electric and Electronic Engineering	182	158	131	14	17	502
431			Construction Materials and Dynamics in General Civil Engineering	8	4	3	0	0	15
432			Structural Engineering and Seismology	14	12	14	2	2	44
433			Ground Engineering	12	9	6	0	1	28
434			Hydraulics and River Engineering	11	8	3	2	1	25
435			Traffic Engineering and Regional Planning	10	6	11	0	0	27
436			Civil Environmental System	7	10	11	2	1	31
			Civil Engineering total	62	49	48	6	5	170
441		G	Building Structure and Materials	28	32	22	2	3	87
442			Building Science and Building Equipment	36	24	37	5	0	102
443			City Planning and Building Planning	82	20	24	3	4	133
444			Architectural History and Design	34	8	9	0	5	56
			Architecture total	180	84	92	10	12	378
451		N	Physical Metallurgy	6	7	2	0	1	16
452			Inorganic Materials and	1	18	7	0	1	27
453			Composed Materials and Properties	12	6	13	1	1	33
454			Structural and Functional Materials	11	11	8	1	2	33
455		R	Metallurgy and Material	4	12	9	1	3	29
456			Metal Productive Engineering	5	6	0	0	0	11
			Material Engineering total	39	60	39	3	8	149
461		G	Chemical Engineering in General	15	13	6	0	0	34
462			Reaction and Separation Engineering	13	15	9	1	1	39
463			Catalyst and Chemical Process	8	1	3	3	0	15
464			Bioengineering	15	12	4	1	0	32
465			Industrial Analytical Chemistry	6	2	1	0	2	11
			Process Engineering total	57	43	23	5	3	131
471			Industrial Physical Chemistry	19	16	9	4	0	48
472			Industrial Inorganic Chemistry	6	6	1	0	0	13
473			Industrial Organic Chemistry	8	3	0	1	0	12
474			Synthetic Chemistry	11	18	2	4	4	39
475			Polymer Synthesis	16	17	7	0	0	40
476			Polymer Structure and Property (inclu. Fiber)	19	8	14	1	5	47
			Industrial Chemistry total	79	68	33	10	9	199
481			Aeronautics	11	10	7	3	3	34
482			Ship Engineering	5	10	5	0	1	21
483			Marine Engineering	3	8	2	0	0	13
484			Resource Development Engineering	2	2	3	0	0	7
			Synthetic Engineering total	21	30	17	3	4	75
			ENGINEERING Total	832	676	544	78	82	2,212
501	A G R I C U L T U R E		Plant Breeding	12	13	11	5	2	43
502			Crop Science	13	7	7	0	2	29
503			Horticulture and Landscape Architecture	71	27	15	4	8	125
504			Plant Protection	23	7	9	6	0	45
505			Sericultural Science and Economic Entomology	2	0	2	0	0	4
			Agriculture total	121	54	44	15	12	246
511			Plant Fertilizer and Manure and Soil Science	19	9	13	4	5	50
512			Applied Microbiochemistry and Applied Biochemistry	26	25	34	6	9	100
513			Biological Productive Chemistry and Bioorganic Chemistry	11	13	4	2	4	34
514			Food Science and Nutritional Chemistry	78	70	64	9	10	231

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Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
	A		Agricultural Chemistry total	134	117	115	21	28	415
521			Forestry	24	7	1	4	0	36
522	G		Wood Science	9	4	6	0	4	23
			Forestry total	33	11	7	4	4	59
531	R		Fisheries in General	6	6	0	0	0	12
532			Fisheries Chemistry	3	3	6	0	2	14
			Fisheries total	9	9	6	0	2	26
541	I		Agricultural Economics	26	6	10	3	5	50
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	23	9	10	2	0	44
552	U		Agricultural Machinery	7	4	6	0	2	19
553	L		Biological Environment	8	6	4	0	5	23
			Agricultural Engineering total	38	19	20	2	7	86
561	T		Animal Science and Grassland Science	9	3	0	0	7	19
562	U		Applied Animal Science	12	2	4	0	1	19
563	R		Basic Veterinary Medicine and Basic Animal Science	21	17	8	0	1	47
564			Applied Veterinary Medicine	12	24	7	4	2	49
	E		Animal Science·Veterinary Medicine total	54	46	19	4	11	134
571			Biological Resource Science	4	1	2	0	0	7
572			Applied Molecular Cell Biology	2	2	5	1	0	10
			Interdisciplinary Agricultural Science total	6	3	7	1	0	17
			AGRICULTURE Total	421	265	228	50	69	1,033
601			Anatomy in General (inclu. Histology, Embryology)	26	28	14	15	5	88
602			Physiology in General	21	41	17	9	3	91
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	18	23	34	7	1	83
604			Pharmacology in General	23	44	11	2	2	82
605			Medical Chemistry in General	28	26	15	7	4	80
606			Pathological Medical Chemistry	6	11	8	3	0	28
			Physiology total	122	173	99	43	15	452
611	M		Hominal Pathology	20	40	22	12	3	97
612			Experimental Pathology	17	33	9	5	3	67
613	E		Parasitology (inclu. Medical Zoology)	7	20	10	4	2	43
614	D		Bacteriology (inclu. Eumycetes)	14	16	24	11	9	74
615			Virology	2	9	19	8	2	40
616	I		Immunology	10	21	10	8	3	52
			Pathology total	70	139	94	48	22	373
621	C		Hygiene	16	11	35	5	1	68
622			Public Health and Health Science	74	48	128	14	17	281
623	I		Legal Medicine	18	29	6	4	1	58
			Social Medicine total	108	88	169	23	19	407
631	N		Internal Medicine in General	28	50	22	5	4	109
632			Gastroenterology	23	89	10	11	4	137
633	E		Internal Medicine Respiratory System	23	36	15	1	3	78
634			Neurological Medicine	13	39	11	4	5	72
635			Cardioangiopathy	38	82	16	3	5	144
636			Pediatrics	48	50	21	6	4	129
637			Dermatology	29	46	10	8	9	102
638			Radiology	30	36	21	2	10	99
639			Neuropsychiatry	43	36	23	9	8	119
641			Hematology	27	33	22	6	1	89
642			Internal Medicine of Kidney	12	18	11	2	0	43
643			Embryology and Newborn	3	6	7	0	0	16
644			Endocrinology	5	4	3	1	0	13
645			Metabolic Science	13	15	3	5	2	38
			Internal Medicine total	335	540	195	63	55	1,188
651			Surgery in General	18	34	5	7	6	70
652			Gastroenterological Surgery	24	68	20	5	8	125
653			Thoracic Surgery	18	25	4	2	1	50

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Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
654	M		Neurosurgery	23	45	15	5	6	94
655			Orthopedic Surgery	75	95	37	13	19	239
656			Anesthesiology and Rescue Medicine	31	56	7	6	11	111
657			Urology	22	36	10	7	3	78
658			Obstetrics and Gynecology	31	38	12	3	6	90
659			Oto-rhino-laryngology	39	60	10	3	5	117
660			Ophthalmology	16	41	10	2	5	74
661			Pediatric Surgery	14	7	0	1	0	22
662			Formative Surgery	5	4	0	0	1	10
			Surgery total	316	509	130	54	71	1,080
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	3	12	6	6	2	29
672	Functional Basic Dentistry		5	12	1	0	1	19	
673	Morbid Dentistry (inclu. Dental Radiology)		6	4	4	0	4	18	
674	Conservative Dentistry		7	19	6	0	0	32	
675	Prosthodontics and Dental Technology		5	18	1	1	1	26	
676	Oral Surgery		32	20	11	3	4	70	
677	Orthodontics, Pedodontics and Social Dentistry		6	17	7	1	2	33	
678	Periodontological Dentistry		1	5	3	0	2	11	
	Dentistry total		65	107	39	11	16	238	
681	E		Chemical Pharmaceutics	23	19	22	3	0	67
682			Physical Pharmaceutics	12	23	6	2	7	50
683			Biopharmaceutics	36	37	30	7	3	113
684			Molecular Pharmaceutics	5	1	6	0	0	12
685			Environmental Pharmaceutics	3	0	5	0	0	8
	Pharmaceutics total	79	80	69	12	10	250		
691			Medical Sociology	21	4	10	0	7	42
692			Human Genetics	2	2	1	0	1	6
693			Applied Pharmacology and Medical Pharmacology	1	3	4	0	0	8
694			Pathological Examination	19	16	10	3	2	50
696			Science of Basic and Local Nursing	156	169	135	8	37	505
697			Science of Clinical Nursing	230	183	164	12	39	628
	Medicine in General total	429	377	324	23	86	1,239		
	MEDICINE Total			1,524	2,013	1,119	277	294	5,227
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)	16	1	1	0	1	19
703			Physical Education	59	31	74	15	7	186
704			Human Geography	44	0	7	5	2	58
705			Physical Geography	18	0	10	5	0	33
			Geography total	62	0	17	10	2	91
706			Home Science(inclu. Cloth/Living Environments)	33	17	29	3	5	87
707			Food Culture	28	17	38	2	3	88
			Domestic Science total	61	34	67	5	8	175
708			Science of Cultural Property	1	0	0	0	0	1
711			Science Education	5	4	4	1	0	14
712			Educational Engineering	18	11	15	0	1	45
713			Curriculum Studies	55	5	7	0	2	69
714			Japanese Language Education	10	2	3	2	0	17
			Science Education·Curriculum Education total	88	22	29	3	3	145
721	A R E A		Statistics	7	2	6	0	0	15
731			Computer Science	48	28	21	3	6	106
732			Intelligent Informatics	38	27	27	2	1	95
733	I		Study of Information System (Inclu. Library and Information Science)	26	7	20	4	1	58
			Information Science total	112	62	68	9	8	259
741			Social System Engineering	31	9	10	4	2	56
751			Natural Disaster Science	5	3	1	1	0	10
761			Plasma Science and Technology	4	15	6	2	1	28
772			Nuclear Fusion	1	0	3	0	0	4

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Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
773	N T E		Energy Science General	6	5	2	0	0	13
774			Nuclear Power Science	1	1	1	0	0	3
			Energy total	8	6	6	0	0	20
801	R D I		Environmental Dynamic Analysis	13	4	15	3	1	36
802			Environmental Influence Assessment (inclu. Radiobiology)	8	15	17	2	3	45
803			Environmental Preservation	18	12	20	4	1	55
	C		Environmental Science total	39	31	52	9	5	136
811	I P L		Biological Organic Chemistry	8	13	7	3	1	32
812			Structured Biochemistry	17	16	22	3	4	62
813			Functional Biochemistry	26	27	14	6	3	76
			Biological Chemistry total	51	56	43	12	8	170
821	N A R		Biophysics	12	14	22	10	0	58
822			Molecular Biology	31	43	18	6	5	103
823			Cell Biology	23	33	15	6	7	84
824	Y		Developmental Biology	7	7	10	4	2	30
			Basic Biology total	73	97	65	26	14	275
831	A R E		Neuroanatomy and Neuropathology	24	10	8	7	0	49
832			Neurochemistry and Neuropharmacology	13	6	9	2	0	30
833			Neuro Science in General	21	25	23	4	0	73
834			Neuro and Muscular Physiology	17	22	8	2	3	52
			Neuro Science (inclu. Brain Science) total	75	63	48	15	3	204
841			Laboratory Animal Science	10	7	1	0	5	23
851			Medical Organism Engineering and Material Science of Organism	14	26	18	0	2	60
			INTERDISCIPLINARY AREA Total	716	465	512	111	69	1,873
999			WIDE AREA Total	90	35	32	4	8	169
			Item n.a. Total	43	27	24	3	2	99
			Grand Total	7,065	3,857	3,218	789	788	15,717

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
211	A R T S · H U M A N I T I E S		Philosophy	812	28	51	10	56	957
212			Chinese Philosophy	142	6	10	5	9	172
213			Indian Philosophy (inclu. Buddhist Studies)	494	36	24	16	38	608
214			Religion	477	27	37	13	23	577
215			Ethics	177	11	15	3	22	228
216			History of Philosophy	300	17	13	7	24	361
217			Aesthetics (inclu. Arts)	1,561	120	95	25	124	1,925
218			Art History	407	8	25	6	35	481
		Philosophy total	4,370	253	270	85	331	5,309	
221			Experimental Psychology	494	78	187	34	40	833
222			Educational and Social	2,057	213	543	105	150	3,068
223			Sociology	2,459	237	506	145	218	3,565
224			Education	2,107	192	325	82	187	2,893
225			Cultural Anthropology (inclu. Ethnology and Folklore)	613	42	99	67	47	868
		Psychology·Sociology·Education Cultural Anthropology total	7,730	762	1,660	433	642	11,227	
231			Japanese History	762	37	61	10	94	964
232			Oriental History	407	28	38	26	32	531
233			European History	671	24	43	19	42	799
234			Archaeology (inclu. Prehistory)	208	11	47	35	10	311
		History total	2,048	100	189	90	178	2,605	
241			Japanese Language	549	13	33	6	44	645
242			Japanese Literature	1,838	43	92	15	132	2,120
243			Chinese Language and Literature	525	29	33	17	37	641
244			English Language and Literature	4,532	196	244	67	354	5,393
245			French Language and Literature	648	19	25	9	55	756
246			German Language and Literature	756	33	43	17	58	907
247			Other Foreign Languages and Literatures	366	19	25	10	36	456
248			Linguistics and Phonetics	1,371	94	141	65	115	1,786
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	336	20	19	9	44	428
			Literature total	10,921	466	655	215	875	13,132
	ARTS·HUMANITIES Total	25,069	1,581	2,774	823	2,026	32,273		
261	L A W	Basic Science of Law	309	18	26	7	19	379	
262		Public Law	579	18	46	5	40	688	
263		International Law	289	9	38	8	24	368	
264		Civil Law	945	19	56	15	66	1,101	
265		Social Law	174	7	29	8	8	226	
266		Criminal Law	284	13	22	5	15	339	
267		Politics	1,105	62	98	58	81	1,404	
	LAW Total	3,685	146	315	106	253	4,505		
271	E C O N O M I C S	General Theory of Economics	1,093	51	118	61	78	1,401	
272		Economical Statistics	174	19	74	19	15	301	
273		Economic Policy (inclu. Economic Condition)	1,266	99	164	89	121	1,739	
274		Economic History	471	24	66	21	31	613	
275		Public Finance, Money and Banking	721	30	57	15	67	890	
276		Commercial Science	656	44	69	25	40	834	
277		Business Administration	1,620	114	229	64	144	2,171	
278		Accounting	1,022	33	96	20	65	1,236	
	ECONOMICS Total	7,023	414	873	314	561	9,185		
301	S C I E N C E		Algebra	259	18	31	11	20	339
302			Geometry	185	10	28	6	17	246
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	298	25	91	22	30	466
305			Basic Analysis	158	12	28	22	14	234
306			Larger-area Analysis	54	3	23	12	3	95
		Mathematics total	954	68	201	73	84	1,380	
311		Astronomy	41	11	37	18	2	109	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics. and Cosmic Physics	173	69	237	116	36	631	

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	116	80	121	12	9	338
323			Solid-State Physics II (Magnetism, Metal Physics,	72	82	104	18	17	293
324			Physical Properties in General (inclu. Basic Theories)	153	43	62	18	13	289
325			Physics in General	110	41	67	11	7	236
			Physics total	624	315	591	175	82	1,787
331			Physics of Solid Earth	34	10	23	7	2	76
332			Meteorology, Oceanography and Hydrology	51	13	38	6	9	117
333			Aeronomy	11	8	22	10	1	52
334			Geology	45	6	20	17	7	95
335			Stratigraphy and Paleontology	22	2	11	10	1	46
336			Mineralogy, Petrology and Study of Mineral Deposit	33	5	22	9	2	71
337			Geochemistry	28	12	31	6	3	80
			Earth Science total	224	56	167	65	25	537
341			Physical Chemistry	171	96	105	23	22	417
342			Organic Chemistry	173	143	97	13	20	446
343			Inorganic Chemistry	66	45	73	15	20	219
344			Function, Properties and Materials in Chemistry	94	41	56	8	12	211
345			Substance Transformation	8	4	6	1	1	20
346			Separation, Refining and Identification	69	54	37	7	7	174
			Chemistry total	581	383	374	67	82	1,487
351			Genetics	43	19	26	9	3	100
352			Ecology	136	32	71	37	7	283
353			Plant Physiology	55	23	42	21	9	150
354			Morphology, Structure of Organism	54	20	25	10	4	113
355			Animal Physiology and	46	38	39	5	8	136
356			Morphology and Taxonomy	66	23	32	34	11	166
			Biology total	400	155	235	116	42	948
361			Physical Anthropology (inclu. Physiological Anthropology)	37	9	32	14	2	94
	SCIENCE Total			2,861	997	1,637	528	319	6,342
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	52	53	63	7	6	181
402			Surface Physics	45	23	31	5	3	107
403			Applied Optics and Quantum Optics	113	53	77	9	17	269
404			General Applied Physics	38	28	29	2	14	111
405			Fundamentals of Engineering	38	17	27	4	2	88
			Applied Physics·Fundamentals of Engineering total	286	174	227	27	42	756
411			Materials for Machines and Strength of Materials	270	115	138	15	21	559
412			Workshop Processes and Production Engineering	206	103	117	13	20	459
413			Design Engineering, Machine Elements and Tribology	126	58	69	3	11	267
414			Fluid Mechanics	228	111	116	16	36	507
415			Heat Engineering	194	124	95	14	18	445
416			Mechanics and Control Engineering	204	85	84	3	23	399
417			Intelligent Mechanics and Machine System	133	65	65	9	15	287
			Machine Engineering total	1,361	661	684	73	144	2,923
421			Electric Power Engineering and Electric Machinery	239	139	130	10	34	552
422			Electronic and Electric Materials Engineering	179	136	152	14	31	512
423			Electron Devices and Apparatus Engineering	234	95	99	15	36	479
424			Information and Communication Engineering	602	221	216	27	67	1,133

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subject	Subdivision	Item	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
425	E N G I N E E R I N G		System Engineering	157	33	53	7	23	273
427			Electronic Measurements	110	73	77	10	11	281
428			Control Engineering	116	25	29	3	13	186
			Electric and Electronic Engineering	1,637	722	756	86	215	3,416
431			Construction Materials and Dynamics in General Civil Engineering	99	51	48	2	20	220
432			Structural Engineering and Seismology	181	55	83	5	6	330
433			Ground Engineering	94	50	79	11	12	246
434			Hydraulics and River Engineering	81	47	91	8	10	237
435			Traffic Engineering and Regional Planning	111	35	65	10	13	234
436			Civil Environmental System	57	56	84	11	3	211
			Civil Engineering total	623	294	450	47	64	1,478
441		G	Building Structure and Materials	294	141	200	16	35	686
442			Building Science and Building Equipment	166	55	133	11	6	371
443			City Planning and Building Planning	547	120	242	39	59	1,007
444			Architectural History and Design	298	24	71	25	38	456
			Architecture total	1,305	340	646	91	138	2,520
451		N	Physical Metallurgy	39	22	31	7	4	103
452			Inorganic Materials and	83	67	65	7	14	236
453			Composed Materials and Properties	23	21	22	3	6	75
454			Structural and Functional Materials	42	30	34	6	4	116
455		R	Metallurgy and Material	101	39	64	8	8	220
456			Metal Productive Engineering	33	12	24	3	2	74
			Material Engineering total	321	191	240	34	38	824
461		G	Chemical Engineering in General	48	35	11	6	6	106
462			Reaction and Separation Engineering	45	26	16	3	2	92
463			Catalyst and Chemical Process	25	18	22	1	2	68
464			Bioengineering	54	42	29	3	4	132
465			Industrial Analytical Chemistry	25	14	13	2	4	58
			Process Engineering total	197	135	91	15	18	456
471			Industrial Physical Chemistry	63	25	32	6	10	136
472			Industrial Inorganic Chemistry	33	15	18	3	4	73
473			Industrial Organic Chemistry	44	39	25	5	5	118
474			Synthetic Chemistry	62	45	20	3	11	141
475			Polymer Synthesis	82	40	35	3	10	170
476			Polymer Structure and Property (inclu. Fiber)	100	47	58	3	11	219
			Industrial Chemistry total	384	211	188	23	51	857
481			Aeronautics	51	11	29	5	3	99
482			Ship Engineering	19	1	7	1	7	35
483			Marine Engineering	18	6	12	0	1	37
484			Resource Development Engineering	16	6	8	1	0	31
			Synthetic Engineering total	104	24	56	7	11	202
			ENGINEERING Total	6,218	2,752	3,338	403	721	13,432
501	A G R I C U L T U R E		Plant Breeding	24	21	11	2	1	59
502			Crop Science	21	13	6	4	1	45
503			Horticulture and Landscape Architecture	145	46	44	9	15	259
504			Plant Protection	42	18	13	3	2	78
505			Sericultural Science and Economic Entomology	10	21	7	0	0	38
			Agriculture total	242	119	81	18	19	479
511			Plant Fertilizer and Manure and Soil Science	27	11	9	5	6	58
512			Applied Microbiochemistry and Applied Biochemistry	152	166	115	21	32	486
513			Biological Productive Chemistry and Bioorganic Chemistry	28	17	29	4	5	83
514			Food Science and Nutritional Chemistry	373	269	276	25	61	1,004

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
	A		Agricultural Chemistry total	580	463	429	55	104	1,631
521			Forestry	36	14	18	4	4	76
522	G		Wood Science	8	7	1	1	5	22
			Forestry total	44	21	19	5	9	98
531	R		Fisheries in General	83	53	36	14	9	195
532			Fisheries Chemistry	20	21	26	7	4	78
			Fisheries total	103	74	62	21	13	273
541	I		Agricultural Economics	189	13	42	25	14	283
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	35	14	14	2	3	68
552	U		Agricultural Machinery	12	12	7	8	2	41
553	L		Biological Environment	13	4	4	1	1	23
			Agricultural Engineering total	60	30	25	11	6	132
561	T		Animal Science and Grassland Science	37	49	24	10	9	129
562	U		Applied Animal Science	26	24	18	5	12	85
563	R		Basic Veterinary Medicine and Basic Animal Science	73	85	59	16	22	255
564			Applied Veterinary Medicine	71	105	60	13	17	266
	E		Animal Science·Veterinary Medicine total	207	263	161	44	60	735
571			Biological Resource Science	14	2	14	9	2	41
572			Applied Molecular Cell Biology	5	7	15	2	2	31
			Interdisciplinary Agricultural Science total	19	9	29	11	4	72
			AGRICULTURE Total	1,444	992	848	190	229	3,703
601			Anatomy in General (inclu. Histology, Embryology)	154	152	99	30	23	458
602			Physiology in General	124	160	88	28	11	411
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	98	98	115	22	26	359
604			Pharmacology in General	72	194	73	28	8	375
605			Medical Chemistry in General	76	118	90	22	15	321
606			Pathological Medical Chemistry	55	37	53	15	5	165
			Physiology total	579	759	518	145	88	2,089
611	M		Hominal Pathology	147	204	72	26	35	484
612			Experimental Pathology	34	93	34	13	6	180
613	E		Parasitology (inclu. Medical Zoology)	36	30	52	38	4	160
614	D		Bacteriology (inclu. Eumycetes)	61	111	85	21	16	294
615			Virology	35	49	52	16	9	161
616	I		Immunology	84	138	102	41	21	386
			Pathology total	397	625	397	155	91	1,665
621	C		Hygiene	91	135	101	23	13	363
622			Public Health and Health Science	262	245	323	54	54	938
623	I		Legal Medicine	54	96	51	8	8	217
			Social Medicine total	407	476	475	85	75	1,518
631	N		Internal Medicine in General	116	197	67	12	21	413
632			Gastroenterology	181	324	52	17	35	609
633	E		Internal Medicine Respiratory System	85	154	24	12	14	289
634			Neurological Medicine	93	184	57	13	13	360
635			Cardioangiopathy	201	356	93	20	42	712
636			Pediatrics	186	194	116	27	35	558
637			Dermatology	100	122	29	15	23	289
638			Radiology	148	239	80	21	27	515
639			Neuropsychiatry	213	224	103	36	33	609
641			Hematology	108	122	61	20	23	334
642			Internal Medicine of Kidney	95	106	31	14	14	260
643			Embryology and Newborn	8	16	4	1	0	29
644			Endocrinology	39	67	33	3	4	146
645			Metabolic Science	48	89	25	7	4	173
			Internal Medicine total	1,621	2,394	775	218	288	5,296
651			Surgery in General	117	212	49	6	21	405
652			Gastroenterological Surgery	175	243	43	16	31	508
653			Thoracic Surgery	108	190	29	9	28	364

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
654	M		Neurosurgery	143	188	40	12	36	419
655			Orthopedic Surgery	203	259	69	24	36	591
656			Anesthesiology and Rescue Medicine	160	184	18	10	31	403
657			Urology	132	144	44	17	18	355
658			Obstetrics and Gynecology	136	194	52	10	13	405
659			Oto-rhino-laryngology	134	154	35	9	19	351
660			Ophthalmology	124	171	49	27	18	389
661			Pediatric Surgery	28	41	11	2	4	86
662			Formative Surgery	31	64	8	2	6	111
			Surgery total	1,491	2,044	447	144	261	4,387
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	182	257	86	27	26	578
672	Functional Basic Dentistry		99	237	67	20	14	437	
673	Morbid Dentistry (inclu. Dental Radiology)		91	138	21	14	22	286	
674	Conservative Dentistry		177	346	31	33	37	624	
675	Prosthodontics and Dental Technology		268	487	81	27	73	936	
676	Oral Surgery		243	383	74	26	43	769	
677	Orthodontics, Pedodontics and Social Dentistry		234	381	90	44	59	808	
678	Periodontological Dentistry		36	99	11	6	17	169	
	Dentistry total		1,330	2,328	461	197	291	4,607	
681	E		Chemical Pharmaceuticals	208	399	227	66	45	945
682		Physical Pharmaceuticals	83	163	63	14	24	347	
683		Biopharmaceutics	306	480	263	60	53	1,162	
684		Molecular Pharmaceuticals	51	42	51	12	9	165	
685		Environmental Pharmaceuticals	19	19	24	3	3	68	
		Pharmaceutics total	667	1,103	628	155	134	2,687	
691		Medical Sociology	75	47	38	9	12	181	
692		Human Genetics	11	18	12	1	2	44	
693		Applied Pharmacology and Medical Pharmacology	76	96	55	9	7	243	
694		Pathological Examination	41	100	46	3	9	199	
696	Science of Basic and Local Nursing	215	155	126	5	27	528		
697	Science of Clinical Nursing	249	182	108	11	43	593		
	Medicine in General total	667	598	385	38	100	1,788		
	MEDICINE Total			7,159	10,327	4,086	1,137	1,328	24,037
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)	102	6	20	5	8	141
703			Physical Education	1,070	386	557	47	135	2,195
704			Human Geography	300	9	35	24	28	396
705			Physical Geography	95	10	25	18	1	149
			Geography total	395	19	60	42	29	545
706			Home Science(inclu. Cloth/Living Environments)	549	222	322	18	40	1,151
707			Food Culture	299	217	245	15	46	822
			Domestic Science total	848	439	567	33	86	1,973
708			Science of Cultural Property	2	5	7	0	0	14
711			Science Education	94	22	24	3	7	150
712	Educational Engineering	275	104	131	12	22	544		
713	Curriculum Studies	795	87	106	7	61	1,056		
714	Japanese Language Education	231	44	28	11	22	336		
	Science Education·Curriculum Education total	1,395	257	289	33	112	2,086		
721	Statistics	117	28	49	8	8	210		
731	Computer Science	518	158	211	23	44	954		
732	Intelligent Informatics	313	113	150	20	31	627		
733	I		Study of Information System (Inclu. Library and Information Science)	644	116	139	23	69	991
			Information Science total	1,475	387	500	66	144	2,572
741			Social System Engineering	249	53	91	14	25	432
751			Natural Disaster Science	11	5	2	2	0	20
761			Plasma Science and Technology	36	27	36	7	8	114
772			Nuclear Fusion	4	10	13	2	0	29

Table 22. Number of Research Topics by Field of Specialization / by Status of Research Topic (Private Institutions)

Code	Subj ect	Subd ivisio n	I t e m	Individual	Collaboration in organization	Collaboration in Japan	International collaboration	Unknown	Total
773	N		Energy Science General	27	1	8	3	1	40
774	T		Nuclear Power Science	24	13	27	9	5	78
	E		Energy total	55	24	48	14	6	147
801	R		Environmental Dynamic Analysis	32	35	41	14	7	129
802	D		Environmental Influence Assessment (inclu. Radiobiology)	53	33	44	12	2	144
803	I		Environmental Preservation	116	41	76	15	24	272
	S		Environmental Science total	201	109	161	41	33	545
811	I		Biological Organic Chemistry	29	64	51	11	13	168
812	P		Structured Biochemistry	44	55	59	16	11	185
813	L		Functional Biochemistry	62	82	107	19	6	276
	I		Biological Chemistry total	135	201	217	46	30	629
821	N		Biophysics	68	23	57	17	3	168
822	A		Molecular Biology	110	140	107	48	23	428
823	R		Cell Biology	70	92	75	15	16	268
824	Y		Developmental Biology	49	36	26	3	9	123
			Basic Biology total	297	291	265	83	51	987
831	A		Neuroanatomy and Neuropathology	24	57	33	16	4	134
832	R		Neurochemistry and Neuropharmacology	29	83	48	18	5	183
833	E		Neuro Science in General	78	51	77	19	14	239
834	A		Neuro and Muscular Physiology	64	66	43	8	3	184
			Neuro Science (inclu. Brain Science) total	195	257	201	61	26	740
841			Laboratory Animal Science	18	42	43	8	2	113
851			Medical Organism Engineering and Material Science of Organism	120	111	150	14	24	419
			INTERDISCIPLINARY AREA Total	6,721	2,647	3,263	524	727	13,882
999			WIDE AREA Total	1,076	204	216	77	134	1,707
			Item n.a. Total	234	101	78	8	29	450
			Grand Total	61,490	20,161	17,428	4,110	6,327	109,516

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	67	3	2	0	0	0	72
212			Chinese Philosophy	12	1	0	0	0	0	13
213			Indian Philosophy (inclu. Buddhist Studies)	26	3	3	1	0	5	38
214			Religion	32	2	0	0	0	0	34
215			Ethics	15	1	0	0	0	0	16
216			History of Philosophy	28	2	0	0	0	0	30
217			Aesthetics (inclu. Arts)	140	26	1	1	0	0	168
218			Art History	63	5	0	0	10	0	78
		Philosophy total	383	43	6	2	10	5	449	
221			Experimental Psychology	36	1	0	3	0	0	40
222			Educational and Social	101	11	0	2	2	0	116
223			Sociology	222	17	1	0	0	0	240
224			Education	172	11	1	3	4	0	191
225			Cultural Anthropology (inclu. Ethnology and Folklore)	220	8	0	8	0	0	236
		Psychology • Sociology • Education Cultural Anthropology total	751	48	2	16	6	0	823	
231			Japanese History	33	0	0	2	1	0	36
232			Oriental History	94	4	2	1	0	0	101
233			European History	135	9	1	0	0	0	145
234			Archaeology (inclu. Prehistory)	46	3	0	0	7	3	59
		History total	308	16	3	3	8	3	341	
241			Japanese Language	17	0	0	0	0	0	17
242			Japanese Literature	29	5	0	0	0	0	34
243			Chinese Language and Literature	74	2	0	0	0	0	76
244			English Language and Literature	322	45	6	0	0	0	373
245			French Language and Literature	105	4	0	0	0	0	109
246			German Language and Literature	107	1	2	0	0	0	110
247			Other Foreign Languages and Literatures	68	3	1	0	0	0	72
248			Linguistics and Phonetics	145	14	1	2	0	0	162
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	34	5	0	1	0	0	40
			Literature total	901	79	10	3	0	0	993
	ARTS • HUMANITIES Total	2,343	186	21	24	24	8	2,606		
261	LAW	Basic Science of Law	33	1	0	0	0	0	34	
262		Public Law	49	3	0	0	0	0	52	
263		International Law	44	0	0	0	0	0	44	
264		Civil Law	74	1	0	0	0	0	75	
265		Social Law	19	0	0	0	0	0	19	
266		Criminal Law	24	1	0	0	0	0	25	
267		Politics	173	3	2	2	0	0	180	
	LAW Total	416	9	2	2	0	0	429		
271	ECONOMICS	General Theory of Economics	102	4	0	0	0	0	106	
272		Economical Statistics	19	1	0	0	0	0	20	
273		Economic Policy (inclu. Economic Condition)	162	5	0	0	0	0	167	
274		Economic History	76	1	0	0	0	0	77	
275		Public Finance, Money and Banking	42	3	0	0	0	0	45	
276		Commercial Science	38	1	0	0	0	0	39	
277		Business Administration	114	5	0	0	0	0	119	
278		Accounting	42	0	0	0	0	0	42	
	ECONOMICS Total	595	20	0	0	0	0	615		
301	SCIENCE	Algebra	59	1	1	0	0	0	61	
302		Geometry	57	0	1	0	0	0	58	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	61	1	2	3	0	0	67	
305		Basic Analysis	57	0	1	0	0	0	58	
306		Larger-area Analysis	36	0	1	0	0	0	37	
		Mathematics total	270	2	6	3	0	0	281	
311		Astronomy	40	0	1	15	1	0	57	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	148	0	1	11	0	0	160	

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	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)	42	0	0	0	0	0	42
323			Solid-State Physics II (Magnetism, Metal Physics,	61	0	0	1	0	0	62
324			Physical Properties in General (inclu. Basic Theories)	33	1	0	2	0	0	36
325			Physics in General	26	1	0	4	0	0	31
			Physics total	310	2	1	18	0	0	331
331			Physics of Solid Earth	55	0	0	3	0	0	58
332			Meteorology, Oceanography and Hydrology	62	1	1	6	0	0	70
333			Aeronomy	17	0	1	6	0	0	24
334			Geology	45	0	0	0	0	1	46
335			Stratigraphy and Paleontology	36	1	0	0	5	1	43
336			Mineralogy, Petrology and Study of Mineral Deposit	49	0	0	1	0	0	50
337			Geochemistry	31	0	1	1	0	0	33
			Earth Science total	295	2	3	17	5	2	324
341			Physical Chemistry	73	1	2	5	0	0	81
342			Organic Chemistry	35	0	1	1	0	1	38
343			Inorganic Chemistry	16	1	0	0	0	0	17
344			Function, Properties and Materials in Chemistry	17	0	0	0	0	0	17
345			Substance Transformation	1	0	1	0	0	0	2
346			Separation, Refining and Identification	20	0	0	0	0	0	20
			Chemistry total	162	2	4	6	0	1	175
351			Genetics	19	0	0	1	0	0	20
352			Ecology	93	2	0	4	1	2	102
353			Plant Physiology	37	2	0	0	0	0	39
354			Morphology, Structure of Organism	16	1	0	1	1	1	20
355			Animal Physiology and	19	0	0	0	0	0	19
356			Morphology and Taxonomy	47	0	0	0	11	2	60
			Biology total	231	5	0	6	13	5	260
361			Physical Anthropology (inclu. Physiological Anthropology)	23	0	0	0	1	0	24
			SCIENCE Total	1,331	13	15	65	20	8	1,452
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	23	0	0	0	0	0	23
402			Surface Physics	18	0	1	0	0	0	19
403			Applied Optics and Quantum Optics	34	0	1	2	0	0	37
404			General Applied Physics	6	0	0	0	0	0	6
405			Fundamentals of Engineering	9	0	0	0	0	0	9
			Applied Physics·Fundamentals of Engineering total	90	0	2	2	0	0	94
411			Materials for Machines and Strength of Materials	35	0	2	0	0	0	37
412			Workshop Processes and Production Engineering	26	0	0	0	0	0	26
413			Design Engineering, Machine Elements and Tribology	10	0	2	0	0	0	12
414			Fluid Mechanics	39	0	4	0	0	0	43
415			Heat Engineering	35	0	1	0	0	0	36
416			Mechanics and Control Engineering	24	1	6	0	0	0	31
417			Intelligent Mechanics and Machine System	31	1	1	0	0	0	33
			Machine Engineering total	200	2	16	0	0	0	218
421			Electric Power Engineering and Electric Machinery	25	0	2	0	0	0	27
422			Electronic and Electric Materials Engineering	40	0	1	0	0	1	42
423			Electron Devices and Apparatus Engineering	22	1	1	0	0	0	24
424			Information and Communication Engineering	59	0	4	2	0	0	65

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	14	0	0	2	0	0	16
427			Electronic Measurements	15	0	2	1	0	0	18
428			Control Engineering	25	2	1	1	0	0	29
			Electric and Electronic Engineering	200	3	11	6	0	1	221
431			Construction Materials and Dynamics in General Civil Engineering	13	0	3	0	0	0	16
432			Structural Engineering and Seismology	24	0	1	0	0	0	25
433			Ground Engineering	33	0	1	0	0	0	34
434			Hydraulics and River Engineering	30	0	1	0	0	0	31
435			Traffic Engineering and Regional Planning	23	0	1	0	0	0	24
436			Civil Environmental System	21	0	0	0	0	0	21
			Civil Engineering total	144	0	7	0	0	0	151
441		G	Building Structure and Materials	26	0	1	0	0	0	27
442			Building Science and Building Equipment	23	1	1	0	0	0	25
443			City Planning and Building Planning	97	4	2	0	0	0	103
444			Architectural History and Design	47	4	2	0	1	0	54
			Architecture total	193	9	6	0	1	0	209
451		N	Physical Metallurgy	16	0	3	0	0	0	19
452			Inorganic Materials and	30	0	0	0	0	0	30
453			Composed Materials and Properties	6	0	1	0	0	0	7
454			Structural and Functional Materials	13	0	0	0	0	0	13
455		R	Metallurgy and Material	17	2	1	0	0	0	20
456			Metal Productive Engineering	10	0	0	0	0	0	10
			Material Engineering total	92	2	5	0	0	0	99
461		G	Chemical Engineering in General	22	0	0	0	0	0	22
462			Reaction and Separation Engineering	12	0	1	0	0	0	13
463			Catalyst and Chemical Process	8	0	0	0	0	0	8
464			Bioengineering	23	0	0	0	0	0	23
465			Industrial Analytical Chemistry	10	0	0	0	0	0	10
			Process Engineering total	75	0	1	0	0	0	76
471			Industrial Physical Chemistry	25	0	0	0	0	0	25
472			Industrial Inorganic Chemistry	8	0	0	0	0	0	8
473			Industrial Organic Chemistry	10	0	1	0	0	0	11
474			Synthetic Chemistry	22	0	0	0	0	0	22
475			Polymer Synthesis	14	0	0	0	0	0	14
476			Polymer Structure and Property (inclu. Fiber)	27	0	1	0	0	0	28
			Industrial Chemistry total	106	0	2	0	0	0	108
481			Aeronautics	13	1	0	2	0	0	16
482			Ship Engineering	8	0	1	0	0	0	9
483			Marine Engineering	3	0	0	0	0	0	3
484			Resource Development Engineering	14	0	0	0	0	0	14
			Synthetic Engineering total	38	1	1	2	0	0	42
			ENGINEERING Total	1,138	17	51	10	1	1	1,218
501	A G R I C U L T U R E		Plant Breeding	18	0	0	0	0	0	18
502			Crop Science	15	0	0	0	0	0	15
503			Horticulture and Landscape Architecture	31	3	0	0	0	0	34
504			Plant Protection	20	0	0	0	0	0	20
505			Sericultural Science and Economic Entomology	3	0	0	0	0	0	3
			Agriculture total	87	3	0	0	0	0	90
511			Plant Fertilizer and Manure and Soil Science	32	0	0	0	0	0	32
512			Applied Microbiochemistry and Applied Biochemistry	41	3	1	0	0	0	45
513			Biological Productive Chemistry and Bioorganic Chemistry	8	0	0	0	0	0	8
514			Food Science and Nutritional Chemistry	37	1	0	0	0	0	38

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
	A		Agricultural Chemistry total	118	4	1	0	0	0	123
521			Forestry	64	0	0	0	0	0	64
522	G		Wood Science	25	0	0	0	0	0	25
			Forestry total	89	0	0	0	0	0	89
531	R		Fisheries in General	50	0	0	1	0	0	51
532			Fisheries Chemistry	7	0	0	0	0	0	7
			Fisheries total	57	0	0	1	0	0	58
541	I		Agricultural Economics	70	1	0	0	0	0	71
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	25	0	0	0	0	0	25
552	U		Agricultural Machinery	13	2	0	0	0	0	15
553	L		Biological Environment	12	0	0	0	0	0	12
			Agricultural Engineering total	50	2	0	0	0	0	52
561	T		Animal Science and Grassland Science	22	0	0	0	0	0	22
562	U		Applied Animal Science	18	0	0	0	0	0	18
563	R		Basic Veterinary Medicine and Basic Animal Science	26	1	0	0	0	0	27
564			Applied Veterinary Medicine	34	0	0	0	0	0	34
	E		Animal Science·Veterinary Medicine total	100	1	0	0	0	0	101
571			Biological Resource Science	11	0	0	0	0	1	12
572			Applied Molecular Cell Biology	6	1	0	0	0	0	7
			Interdisciplinary Agricultural Science total	17	1	0	0	0	1	19
			AGRICULTURE Total	588	12	1	1	0	1	603
601			Anatomy in General (inclu. Histology, Embryology)	21	0	0	0	0	0	21
602			Physiology in General	27	1	0	1	0	0	29
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	20	3	0	0	0	0	23
604			Pharmacology in General	19	1	0	0	0	0	20
605			Medical Chemistry in General	27	0	0	0	0	2	29
606			Pathological Medical Chemistry	10	0	0	0	0	0	10
			Physiology total	124	5	0	1	0	2	132
611	M		Hominal Pathology	27	0	0	0	0	0	27
612			Experimental Pathology	14	0	0	0	0	0	14
613	E		Parasitology (inclu. Medical Zoology)	37	1	0	0	0	0	38
614	D		Bacteriology (inclu. Eumycetes)	27	1	0	0	0	0	28
615			Virology	23	0	0	0	0	0	23
616	I		Immunology	15	1	0	0	0	0	16
			Pathology total	143	3	0	0	0	0	146
621	C		Hygiene	15	0	0	0	0	0	15
622			Public Health and Health Science	38	3	0	0	0	1	42
623	I		Legal Medicine	11	0	0	0	0	0	11
			Social Medicine total	64	3	0	0	0	1	68
631	N		Internal Medicine in General	12	4	0	0	0	0	16
632			Gastroenterology	23	0	0	0	0	0	23
633	E		Internal Medicine Respiratory System	14	1	0	0	0	0	15
634			Neurological Medicine	19	0	0	0	0	0	19
635			Cardioangiopathy	20	0	0	0	0	0	20
636			Pediatrics	16	0	0	0	1	0	17
637			Dermatology	10	0	0	0	0	0	10
638			Radiology	26	3	0	0	0	0	29
639			Neuropsychiatry	23	0	0	0	0	0	23
641			Hematology	21	0	0	0	0	0	21
642			Internal Medicine of Kidney	5	0	0	0	0	0	5
643			Embryology and Newborn	1	0	0	0	0	0	1
644			Endocrinology	1	0	0	0	0	0	1
645			Metabolic Science	9	0	0	0	0	0	9
			Internal Medicine total	200	8	0	0	1	0	209
651			Surgery in General	11	0	0	0	0	0	11
652			Gastroenterological Surgery	25	0	0	0	0	0	25
653			Thoracic Surgery	17	2	0	0	0	0	19

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

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	19	0	0	0	0	0	19
655			Orthopedic Surgery	35	2	0	0	0	0	37
656			Anesthesiology and Rescue Medicine	30	0	0	0	0	0	30
657			Urology	15	0	0	0	0	0	15
658			Obstetrics and Gynecology	20	0	0	0	0	0	20
659			Oto-rhino-laryngology	16	0	0	0	0	0	16
660			Ophthalmology	20	0	0	0	0	0	20
661			Pediatric Surgery	3	0	0	0	0	0	3
662			Formative Surgery	2	0	0	0	0	0	2
			Surgery total	213	4	0	0	0	0	217
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	18	0	0	0	0	0	18
672			Functional Basic Dentistry	9	0	0	0	0	0	9
673			Morbid Dentistry (inclu. Dental Radiology)	5	0	0	0	0	0	5
674			Conservative Dentistry	16	0	0	0	0	0	16
675			Prosthodontics and Dental Technology	24	0	0	0	0	0	24
676			Oral Surgery	32	0	0	0	0	0	32
677			Orthodontics, Pedodontics and Social Dentistry	29	0	0	0	0	0	29
678			Periodontological Dentistry	9	0	0	0	0	0	9
			Dentistry total	142	0	0	0	0	0	142
681					Chemical Pharmaceutics	42	0	0	0	0
682	Physical Pharmaceutics	20			0	0	0	0	0	20
683	Biopharmaceutics	46			0	0	0	0	2	48
684	Molecular Pharmaceutics	7			0	0	0	0	0	7
685	Environmental Pharmaceutics	5			0	0	0	0	0	5
	Pharmaceutics total	120			0	0	0	0	2	122
691	Medical Sociology	10			1	0	0	0	0	11
692	Human Genetics	3			0	0	0	0	0	3
693	Applied Pharmacology and Medical Pharmacology	10			0	0	0	0	0	10
694	Pathological Examination	5			2	0	0	0	0	7
696	Science of Basic and Local Nursing	21	7	0	0	0	0	28		
697	Science of Clinical Nursing	20	4	0	0	0	0	24		
	Medicine in General total	69	14	0	0	0	0	83		
	MEDICINE Total			1,075	37	0	1	1	5	1,119
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)	11	0	0	0	0	0	11
703			Physical Education	95	11	0	0	0	0	106
704			Human Geography	74	1	1	0	0	0	76
705			Physical Geography	45	0	0	0	0	0	45
			Geography total	119	1	1	0	0	0	121
706			Home Science(inclu. Cloth/Living Environments)	22	11	0	0	0	0	33
707			Food Culture	6	9	0	0	0	0	15
			Domestic Science total	28	20	0	0	0	0	48
708			Science of Cultural Property	1	0	0	0	0	0	1
711			Science Education	10	0	0	0	3	0	13
712			Educational Engineering	16	0	2	4	0	0	22
713			Curriculum Studies	69	5	1	0	0	0	75
714			Japanese Language Education	32	2	0	0	0	0	34
	Science Education·Curriculum Education total	127	7	3	4	3	0	144		
721	Statistics	13	0	0	3	0	0	16		
731	Computer Science	68	0	1	3	0	0	72		
732	Intelligent Informatics	47	3	1	1	0	0	52		
733	I		Study of Information System (Inclu. Library and Information Science)	24	1	0	2	0	0	27
			Information Science total	139	4	2	6	0	0	151
741			Social System Engineering	30	2	0	0	0	0	32
751			Natural Disaster Science	9	0	0	0	0	0	9
761			Plasma Science and Technology	19	0	1	3	0	0	23
772			Nuclear Fusion	15	1	0	3	0	0	19

Table 23. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
773	N		Energy Science General	4	0	0	0	0	0	4
774	T		Nuclear Power Science	21	0	0	0	0	0	21
	E		Energy total	40	1	0	3	0	0	44
801	R		Environmental Dynamic Analysis	28	0	0	0	0	0	28
802	D		Environmental Influence Assessment (inclu. Radiobiology)	19	1	0	1	0	0	21
803	I		Environmental Preservation	25	0	0	0	0	0	25
	S		Environmental Science total	72	1	0	1	0	0	74
811	I		Biological Organic Chemistry	17	0	0	0	0	0	17
812	P		Structured Biochemistry	12	0	0	0	0	0	12
813	L		Functional Biochemistry	11	0	0	0	0	0	11
	I		Biological Chemistry total	40	0	0	0	0	0	40
821	N		Biophysics	17	0	0	2	0	0	19
822	A		Molecular Biology	41	1	0	2	0	0	44
823	R		Cell Biology	27	1	0	1	0	1	30
824	Y		Developmental Biology	11	0	0	0	0	0	11
			Basic Biology total	96	2	0	5	0	1	104
831	A		Neuroanatomy and Neuropathology	12	0	0	0	0	0	12
832	R		Neurochemistry and Neuropharmacology	12	0	0	0	0	0	12
833	E		Neuro Science in General	21	0	0	1	0	1	23
834	A		Neuro and Muscular Physiology	19	0	0	1	0	0	20
			Neuro Science (inclu. Brain Science) total	64	0	0	2	0	1	67
841			Laboratory Animal Science	4	0	0	0	0	1	5
851			Medical Organism Engineering and Material Science of Organism	36	3	2	0	0	0	41
			INTERDISCIPLINARY AREA Total	943	52	9	27	3	3	1,037
999			WIDE AREA Total	117	16	2	1	0	1	137
			Item n.a. Total	98	4	1	1	0	1	105
			Grand Total	8,644	366	102	132	49	28	9,321

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	29	0	2	0	0	31
212			Chinese Philosophy	5	0	0	0	0	5
213			Indian Philosophy (inclu. Buddhist Studies)	9	0	3	1	0	13
214			Religion	7	0	0	0	0	7
215			Ethics	10	0	0	0	0	10
216			History of Philosophy	9	0	0	0	0	9
217			Aesthetics (inclu. Arts)	45	3	0	1	0	49
218			Art History	24	0	0	0	10	34
		Philosophy total	138	3	5	2	10	158	
221			Experimental Psychology	13	0	0	3	0	16
222			Educational and Social	40	0	0	2	2	44
223			Sociology	58	0	1	0	0	59
224			Education	99	0	1	3	4	107
225			Cultural Anthropology (inclu. Ethnology and Folklore)	94	0	0	8	0	102
		Psychology • Sociology • Education Cultural Anthropology total	304	0	2	16	6	328	
231			Japanese History	13	0	0	2	1	16
232			Oriental History	44	0	2	1	0	47
233			European History	58	0	0	0	0	58
234			Archaeology (inclu. Prehistory)	28	0	0	0	7	35
		History total	143	0	2	3	8	156	
241			Japanese Language	8	0	0	0	0	8
242			Japanese Literature	9	0	0	0	0	9
243			Chinese Language and Literature	24	0	0	0	0	24
244			English Language and Literature	65	1	6	0	0	72
245			French Language and Literature	32	0	0	0	0	32
246			German Language and Literature	42	0	2	0	0	44
247			Other Foreign Languages and Literatures	22	0	1	0	0	23
248			Linguistics and Phonetics	51	0	1	2	0	54
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	13	0	0	1	0	14
			Literature total	266	1	10	3	0	280
	ARTS • HUMANITIES Total	851	4	19	24	24	922		
261	LAW	Basic Science of Law	12	0	0	0	0	12	
262		Public Law	20	0	0	0	0	20	
263		International Law	15	0	0	0	0	15	
264		Civil Law	34	0	0	0	0	34	
265		Social Law	10	0	0	0	0	10	
266		Criminal Law	8	0	0	0	0	8	
267		Politics	58	0	2	2	0	62	
	LAW Total	157	0	2	2	0	161		
271	ECONOMICS	General Theory of Economics	30	0	0	0	0	30	
272		Economical Statistics	8	0	0	0	0	8	
273		Economic Policy (inclu. Economic Condition)	52	0	0	0	0	52	
274		Economic History	27	0	0	0	0	27	
275		Public Finance, Money and Banking	14	0	0	0	0	14	
276		Commercial Science	7	1	0	0	0	8	
277		Business Administration	19	1	0	0	0	20	
278		Accounting	6	0	0	0	0	6	
	ECONOMICS Total	163	2	0	0	0	165		
301	SCIENCE	Algebra	42	0	1	0	0	43	
302		Geometry	44	0	1	0	0	45	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	37	0	2	3	0	42	
305		Basic Analysis	47	0	1	0	0	48	
306		Larger-area Analysis	23	0	1	0	0	24	
		Mathematics total	193	0	6	3	0	202	
311		Astronomy	36	0	1	15	1	53	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	119	0	1	11	0	131	

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	32	0	0	0	0	32
323			Solid-State Physics II (Magnetism, Metal Physics,	50	0	0	1	0	51
324			Physical Properties in General (inclu. Basic Theories)	29	0	0	2	0	31
325			Physics in General	15	1	0	4	0	20
			Physics total	245	1	1	18	0	265
331			Physics of Solid Earth	49	0	0	3	0	52
332			Meteorology, Oceanography and Hydrology	55	0	1	6	0	62
333			Aeronomy	14	0	1	6	0	21
334			Geology	40	0	0	0	0	40
335			Stratigraphy and Paleontology	28	0	0	0	5	33
336			Mineralogy, Petrology and Study of Mineral Deposit	39	0	0	1	0	40
337			Geochemistry	27	0	1	1	0	29
			Earth Science total	252	0	3	17	5	277
341			Physical Chemistry	51	0	2	5	0	58
342			Organic Chemistry	30	0	1	1	0	32
343			Inorganic Chemistry	12	1	0	0	0	13
344			Function, Properties and Materials in Chemistry	10	0	0	0	0	10
345			Substance Transformation	1	0	1	0	0	2
346			Separation, Refining and Identification	14	0	0	0	0	14
			Chemistry total	118	1	4	6	0	129
351			Genetics	15	0	0	1	0	16
352			Ecology	76	0	0	4	1	81
353			Plant Physiology	22	0	0	0	0	22
354			Morphology, Structure of Organism	11	1	0	1	1	14
355			Animal Physiology and	15	0	0	0	0	15
356			Morphology and Taxonomy	36	0	0	0	11	47
			Biology total	175	1	0	6	13	195
361			Physical Anthropology (inclu. Physiological Anthropology)	18	0	0	0	1	19
	SCIENCE Total			1,037	3	15	65	20	1,140
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	21	0	0	0	0	21
402			Surface Physics	13	0	1	0	0	14
403			Applied Optics and Quantum Optics	17	0	1	2	0	20
404			General Applied Physics	5	0	0	0	0	5
405			Fundamentals of Engineering	9	0	0	0	0	9
			Applied Physics-Fundamentals of Engineering total	65	0	2	2	0	69
411			Materials for Machines and Strength of Materials	24	0	2	0	0	26
412			Workshop Processes and Production Engineering	18	0	0	0	0	18
413			Design Engineering, Machine Elements and Tribology	8	0	2	0	0	10
414			Fluid Mechanics	26	0	4	0	0	30
415			Heat Engineering	26	0	1	0	0	27
416			Mechanics and Control Engineering	13	0	5	0	0	18
417			Intelligent Mechanics and Machine System	19	0	1	0	0	20
			Machine Engineering total	134	0	15	0	0	149
421	G		Electric Power Engineering and Electric Machinery	10	0	2	0	0	12
422			Electronic and Electric Materials Engineering	28	0	1	0	0	29
423			Electron Devices and Apparatus Engineering	15	1	1	0	0	17
424			Information and Communication Engineering	38	0	2	2	0	42

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
425	E		System Engineering	6	0	0	2	0	8
427			Electronic Measurements	6	0	2	1	0	9
428			Control Engineering	19	1	0	1	0	21
			Electric and Electronic Engineering	122	2	8	6	0	138
431			Construction Materials and Dynamics in General Civil Engineering	9	0	3	0	0	12
432			Structural Engineering and Seismology	15	0	1	0	0	16
433			Ground Engineering	19	0	1	0	0	20
434			Hydraulics and River Engineering	19	0	1	0	0	20
435			Traffic Engineering and Regional Planning	17	0	1	0	0	18
436			Civil Environmental System	17	0	0	0	0	17
			Civil Engineering total	96	0	7	0	0	103
441		N	Building Structure and Materials	15	0	1	0	0	16
442			Building Science and Building Equipment	11	1	1	0	0	13
443			City Planning and Building Planning	49	0	2	0	0	51
444		I	Architectural History and Design	17	0	2	0	1	20
			Architecture total	92	1	6	0	1	100
451		N	Physical Metallurgy	14	0	3	0	0	17
452			Inorganic Materials and	20	0	0	0	0	20
453			Composed Materials and Properties	6	0	0	0	0	6
454		E	Structural and Functional Materials	12	0	0	0	0	12
455		R	Metallurgy and Material	13	2	1	0	0	16
456			Metal Productive Engineering	8	0	0	0	0	8
			Material Engineering total	73	2	4	0	0	79
461		I	Chemical Engineering in General	18	0	0	0	0	18
462			Reaction and Separation Engineering	7	0	1	0	0	8
463			Catalyst and Chemical Process	4	0	0	0	0	4
464			Bioengineering	20	0	0	0	0	20
465			Industrial Analytical Chemistry	6	0	0	0	0	6
			Process Engineering total	55	0	1	0	0	56
471			Industrial Physical Chemistry	17	0	0	0	0	17
472			Industrial Inorganic Chemistry	5	0	0	0	0	5
473			Industrial Organic Chemistry	5	0	1	0	0	6
474			Synthetic Chemistry	19	0	0	0	0	19
475			Polymer Synthesis	11	0	0	0	0	11
476			Polymer Structure and Property (inclu. Fiber)	21	0	1	0	0	22
			Industrial Chemistry total	78	0	2	0	0	80
481			Aeronautics	10	0	0	2	0	12
482			Ship Engineering	6	0	1	0	0	7
483			Marine Engineering	1	0	0	0	0	1
484			Resource Development Engineering	12	0	0	0	0	12
			Synthetic Engineering total	29	0	1	2	0	32
			ENGINEERING Total	744	5	46	10	1	806
501	A G R I C U L T U R E		Plant Breeding	16	0	0	0	0	16
502			Crop Science	13	0	0	0	0	13
503			Horticulture and Landscape Architecture	20	0	0	0	0	20
504			Plant Protection	16	0	0	0	0	16
505			Sericultural Science and Economic Entomology	2	0	0	0	0	2
			Agriculture total	67	0	0	0	0	67
511			Plant Fertilizer and Manure and Soil Science	30	0	0	0	0	30
512			Applied Microbiochemistry and Applied Biochemistry	28	0	1	0	0	29
513			Biological Productive Chemistry and Bioorganic Chemistry	6	0	0	0	0	6
514			Food Science and Nutritional Chemistry	20	0	0	0	0	20

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
	A		Agricultural Chemistry total	84	0	1	0	0	85
521			Forestry	56	0	0	0	0	56
522	G		Wood Science	24	0	0	0	0	24
			Forestry total	80	0	0	0	0	80
531	R		Fisheries in General	43	0	0	1	0	44
532			Fisheries Chemistry	6	0	0	0	0	6
			Fisheries total	49	0	0	1	0	50
541	I		Agricultural Economics	48	0	0	0	0	48
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	20	0	0	0	0	20
552	U		Agricultural Machinery	13	0	0	0	0	13
553	L		Biological Environment	12	0	0	0	0	12
			Agricultural Engineering total	45	0	0	0	0	45
561	T		Animal Science and Grassland Science	17	0	0	0	0	17
562	U		Applied Animal Science	16	0	0	0	0	16
563	R		Basic Veterinary Medicine and Basic Animal Science	17	0	0	0	0	17
564			Applied Veterinary Medicine	22	0	0	0	0	22
	E		Animal Science·Veterinary Medicine total	72	0	0	0	0	72
571			Biological Resource Science	10	0	0	0	0	10
572			Applied Molecular Cell Biology	6	0	0	0	0	6
			Interdisciplinary Agricultural Science total	16	0	0	0	0	16
			AGRICULTURE Total	461	0	1	1	0	463
601			Anatomy in General (inclu. Histology, Embryology)	12	0	0	0	0	12
602			Physiology in General	12	0	0	1	0	13
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	8	2	0	0	0	10
604			Pharmacology in General	9	0	0	0	0	9
605			Medical Chemistry in General	16	0	0	0	0	16
606			Pathological Medical Chemistry	8	0	0	0	0	8
			Physiology total	65	2	0	1	0	68
611	M		Hominal Pathology	17	0	0	0	0	17
612			Experimental Pathology	11	0	0	0	0	11
613	E		Parasitology (inclu. Medical Zoology)	25	0	0	0	0	25
614	D		Bacteriology (inclu. Eumycetes)	19	0	0	0	0	19
615			Virology	19	0	0	0	0	19
616	I		Immunology	7	0	0	0	0	7
			Pathology total	98	0	0	0	0	98
621	C		Hygiene	4	0	0	0	0	4
622			Public Health and Health Science	24	2	0	0	0	26
623	I		Legal Medicine	8	0	0	0	0	8
			Social Medicine total	36	2	0	0	0	38
631	N		Internal Medicine in General	2	2	0	0	0	4
632			Gastroenterology	14	0	0	0	0	14
633	E		Internal Medicine Respiratory System	11	1	0	0	0	12
634			Neurological Medicine	12	0	0	0	0	12
635			Cardioangiopathy	11	0	0	0	0	11
636			Pediatrics	9	0	0	0	1	10
637			Dermatology	4	0	0	0	0	4
638			Radiology	15	3	0	0	0	18
639			Neuropsychiatry	16	0	0	0	0	16
641			Hematology	13	0	0	0	0	13
642			Internal Medicine of Kidney	4	0	0	0	0	4
643			Embryology and Newborn	1	0	0	0	0	1
644			Endocrinology	0	0	0	0	0	0
645			Metabolic Science	9	0	0	0	0	9
			Internal Medicine total	121	6	0	0	1	128
651			Surgery in General	4	0	0	0	0	4
652			Gastroenterological Surgery	15	0	0	0	0	15
653			Thoracic Surgery	11	1	0	0	0	12

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
654	M		Neurosurgery	12	0	0	0	0	12
655			Orthopedic Surgery	17	2	0	0	0	19
656			Anesthesiology and Rescue Medicine	17	0	0	0	0	17
657			Urology	7	0	0	0	0	7
658			Obstetrics and Gynecology	15	0	0	0	0	15
659			Oto-rhino-laryngology	9	0	0	0	0	9
660			Ophthalmology	12	0	0	0	0	12
661			Pediatric Surgery	3	0	0	0	0	3
662			Formative Surgery	2	0	0	0	0	2
			Surgery total	124	3	0	0	0	127
671	E	D	Oral Anatomy and Morphological Basic Dentistry	6	0	0	0	0	6
672	Functional Basic Dentistry		4	0	0	0	0	4	
673	Morbid Dentistry (inclu. Dental Radiology)		2	0	0	0	0	2	
674	Conservative Dentistry		9	0	0	0	0	9	
675	Prosthodontics and Dental Technology		15	0	0	0	0	15	
676	Oral Surgery		22	0	0	0	0	22	
677	Orthodontics, Pedodontics and Social Dentistry		20	0	0	0	0	20	
678	Periodontological Dentistry		6	0	0	0	0	6	
	Dentistry total		84	0	0	0	0	84	
681	E			Chemical Pharmaceutics	18	0	0	0	0
682		Physical Pharmaceutics		11	0	0	0	0	11
683		Biopharmaceutics		20	0	0	0	0	20
684		Molecular Pharmaceutics		5	0	0	0	0	5
685		Environmental Pharmaceutics		2	0	0	0	0	2
		Pharmaceutics total	56	0	0	0	0	56	
691			Medical Sociology	5	0	0	0	0	5
692			Human Genetics	2	0	0	0	0	2
693			Applied Pharmacology and Medical Pharmacology	7	0	0	0	0	7
694			Pathological Examination	3	2	0	0	0	5
696	Science of Basic and Local Nursing		6	2	0	0	0	8	
697	Science of Clinical Nursing		12	0	0	0	0	12	
	Medicine in General total	35	4	0	0	0	39		
	MEDICINE Total			619	17	0	1	1	638
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	5	0	0	0	0	5
703			Physical Education	45	1	0	0	0	46
704			Human Geography	41	0	1	0	0	42
705			Physical Geography	28	0	0	0	0	28
			Geography total	69	0	1	0	0	70
706			Home Science(inclu. Cloth/Living Environments)	8	0	0	0	0	8
707			Food Culture	3	0	0	0	0	3
			Domestic Science total	11	0	0	0	0	11
708			Science of Cultural Property	1	0	0	0	0	1
711			Science Education	7	0	0	0	3	10
712		Educational Engineering	7	0	2	4	0	13	
713		Curriculum Studies	48	0	1	0	0	49	
714		Japanese Language Education	16	0	0	0	0	16	
		Science Education·Curriculum Education total	78	0	3	4	3	88	
721	A R E A		Statistics	8	0	0	3	0	11
731			Computer Science	39	0	0	3	0	42
732			Intelligent Informatics	28	0	1	1	0	30
733			Study of Information System (Inclu. Library and Information Science)	11	0	0	2	0	13
	I		Information Science total	78	0	1	6	0	85
741			Social System Engineering	13	0	0	0	0	13
751			Natural Disaster Science	9	0	0	0	0	9
761			Plasma Science and Technology	16	0	1	3	0	20
772			Nuclear Fusion	14	0	0	3	0	17

Table 24. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
773	N		Energy Science General	3	0	0	0	0	3
774			Nuclear Power Science	18	0	0	0	0	18
	E		Energy total	35	0	0	3	0	38
801	R		Environmental Dynamic Analysis	20	0	0	0	0	20
802			Environmental Influence Assessment (inclu. Radiobiology)	14	1	0	1	0	16
803	I		Environmental Preservation	13	0	0	0	0	13
	C		Environmental Science total	47	1	0	1	0	49
811	I		Biological Organic Chemistry	12	0	0	0	0	12
812			Structured Biochemistry	7	0	0	0	0	7
813	P		Functional Biochemistry	7	0	0	0	0	7
	L		Biological Chemistry total	26	0	0	0	0	26
821	N		Biophysics	11	0	0	2	0	13
822			Molecular Biology	27	0	0	2	0	29
823	R		Cell Biology	20	0	0	1	0	21
824	Y		Developmental Biology	7	0	0	0	0	7
			Basic Biology total	65	0	0	5	0	70
831	A		Neuroanatomy and Neuropathology	4	0	0	0	0	4
832			Neurochemistry and Neuropharmacology	8	0	0	0	0	8
833	R		Neuro Science in General	13	0	0	1	0	14
834			Neuro and Muscular Physiology	12	0	0	1	0	13
			Neuro Science (inclu. Brain Science) total	37	0	0	2	0	39
841			Laboratory Animal Science	2	0	0	0	0	2
851			Medical Organism Engineering and Material Science of Organism	23	2	2	0	0	27
			INTERDISCIPLINARY AREA Total	568	4	8	27	3	610
999	WIDE AREA Total			26	2	1	1	0	30
	Item n.a. Total			50	1	1	1	0	53
	Grand Total			4,676	38	93	132	49	4,988

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
211	ARTS • HUMANITIES	Philosophy	Philosophy	2	0	0	2
212			Chinese Philosophy	1	1	0	2
213			Indian Philosophy (inclu. Buddhist Studies)	0	0	0	0
214			Religion	3	0	0	3
215			Ethics	0	1	0	1
216			History of Philosophy	2	1	0	3
217			Aesthetics (inclu. Arts)	9	1	1	11
218			Art History	4	1	0	5
			Philosophy total	21	5	1	27
221		Psychology • Sociology • Education	Experimental Psychology	2	0	0	2
222			Educational and Social	5	0	0	5
223			Sociology	14	3	0	17
224			Education	8	2	0	10
225			Cultural Anthropology (inclu. Ethnology and Folklore)	11	1	0	12
			Psychology • Sociology • Education Cultural Anthropology total	40	6	0	46
231		History	Japanese History	1	0	0	1
232			Oriental History	3	1	0	4
233			European History	7	3	0	10
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	11	4	0	15
241		Literature	Japanese Language	0	0	0	0
242			Japanese Literature	2	0	0	2
243			Chinese Language and Literature	3	1	0	4
244			English Language and Literature	21	3	0	24
245			French Language and Literature	6	1	0	7
246			German Language and Literature	3	0	0	3
247			Other Foreign Languages and Literatures	3	0	0	3
248			Linguistics and Phonetics	8	2	0	10
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	46	7	0	53
			ARTS • HUMANITIES Total	118	22	1	141
261	LAW	Basic Science of Law	Basic Science of Law	1	0	0	1
262			Public Law	3	0	0	3
263			International Law	4	0	0	4
264			Civil Law	1	1	0	2
265			Social Law	1	0	0	1
266			Criminal Law	0	0	0	0
267			Politics	9	1	0	10
			LAW Total	19	2	0	21
271	ECONOMICS	General Theory of Economics	General Theory of Economics	8	1	0	9
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	9	1	0	10
274			Economic History	4	0	0	4
275			Public Finance, Money and Banking	4	1	0	5
276			Commercial Science	5	0	0	5
277			Business Administration	8	0	0	8
278			Accounting	2	0	0	2
			ECONOMICS Total	40	3	0	43
301	SCIENCE	Mathematics	Algebra	5	0	0	5
302			Geometry	1	0	0	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	8	0	0	8
305			Basic Analysis	1	0	0	1
306			Larger-area Analysis	1	0	0	1
			Mathematics total	16	0	0	16
311			Astronomy	1	0	0	1
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	6	0	0	6

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

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)	2	0	0	2
323			Solid-State Physics II (Magnetism, Metal Physics,	7	0	0	7
324			Physical Properties in General (inclu. Basic Theories)	0	0	0	0
325			Physics in General	3	0	0	3
			Physics total	18	0	0	18
331			Physics of Solid Earth	1	0	0	1
332			Meteorology, Oceanography and Hydrology	1	1	0	2
333			Aeronomy	0	0	0	0
334			Geology	2	0	0	2
335			Stratigraphy and Paleontology	2	0	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	2	0	0	2
337			Geochemistry	1	0	0	1
			Earth Science total	9	1	0	10
341			Physical Chemistry	4	0	0	4
342			Organic Chemistry	2	0	0	2
343			Inorganic Chemistry	0	0	0	0
344			Function, Properties and Materials in Chemistry	1	0	0	1
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	0	0	0
			Chemistry total	7	0	0	7
351			Genetics	3	0	0	3
352			Ecology	5	1	0	6
353			Plant Physiology	7	0	0	7
354			Morphology, Structure of Organism	1	0	0	1
355			Animal Physiology and	1	0	0	1
356			Morphology and Taxonomy	5	0	0	5
			Biology total	22	1	0	23
361			Physical Anthropology (inclu. Physiological Anthropology)	1	0	0	1
			SCIENCE Total	74	2	0	76
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	0	0	1
402			Surface Physics	2	0	0	2
403			Applied Optics and Quantum Optics	0	0	0	0
404			General Applied Physics	0	0	0	0
405			Fundamentals of Engineering	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	3	0	0	3
411			Materials for Machines and Strength of Materials	4	0	0	4
412			Workshop Processes and Production Engineering	2	0	0	2
413			Design Engineering, Machine Elements and Tribology	1	0	0	1
414			Fluid Mechanics	2	0	0	2
415			Heat Engineering	1	0	0	1
416			Mechanics and Control Engineering	3	0	1	4
417			Intelligent Mechanics and Machine System	0	0	0	0
			Machine Engineering total	13	0	1	14
421			Electric Power Engineering and Electric Machinery	4	0	0	4
422			Electronic and Electric Materials Engineering	2	0	0	2
423			Electron Devices and Apparatus Engineering	1	0	0	1
424			Information and Communication Engineering	3	0	1	4

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
425	E N G I N E E R I N G		System Engineering	2	0	0	2
427			Electronic Measurements	2	0	0	2
428			Control Engineering	3	0	1	4
			Electric and Electronic Engineering	17	0	2	19
431			Construction Materials and Dynamics in General Civil Engineering	0	0	0	0
432			Structural Engineering and Seismology	0	0	0	0
433			Ground Engineering	1	0	0	1
434			Hydraulics and River Engineering	1	0	0	1
435			Traffic Engineering and Regional Planning	0	0	0	0
436			Civil Environmental System	0	0	0	0
			Civil Engineering total	2	0	0	2
441		N	Building Structure and Materials	3	0	0	3
442			Building Science and Building Equipment	1	0	0	1
443			City Planning and Building Planning	4	0	0	4
444		I	Architectural History and Design	3	0	0	3
			Architecture total	11	0	0	11
451		N	Physical Metallurgy	0	0	0	0
452			Inorganic Materials and	1	0	0	1
453			Composed Materials and Properties	0	0	1	1
454		E	Structural and Functional Materials	1	0	0	1
455		R	Metallurgy and Material	0	0	0	0
456			Metal Productive Engineering	0	0	0	0
			Material Engineering total	2	0	1	3
461		I N D U S T R I A L C H E M I S T R Y	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	3	0	0	3
463			Catalyst and Chemical Process	0	0	0	0
464			Bioengineering	1	0	0	1
465			Industrial Analytical Chemistry	0	0	0	0
			Process Engineering total	4	0	0	4
471			Industrial Physical Chemistry	2	0	0	2
472			Industrial Inorganic Chemistry	1	0	0	1
473			Industrial Organic Chemistry	2	0	0	2
474			Synthetic Chemistry	1	0	0	1
475			Polymer Synthesis	1	0	0	1
476			Polymer Structure and Property (inclu. Fiber)	0	0	0	0
			Industrial Chemistry total	7	0	0	7
481			Aeronautics	1	0	0	1
482			Ship Engineering	1	0	0	1
483			Marine Engineering	0	0	0	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	2	0	0	2
			ENGINEERING Total	61	0	4	65
501	A G R I C U L T U R E		Plant Breeding	0	0	0	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	3	0	0	3
504			Plant Protection	2	0	0	2
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	5	0	0	5
511			Plant Fertilizer and Manure and Soil Science	1	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	3	0	0	3
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	0	1
514			Food Science and Nutritional Chemistry	6	0	0	6

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
	A		Agricultural Chemistry total	11	0	0	11
521			Forestry	2	0	0	2
522	G		Wood Science	0	0	0	0
			Forestry total	2	0	0	2
531	R		Fisheries in General	1	0	0	1
532			Fisheries Chemistry	0	0	0	0
			Fisheries total	1	0	0	1
541	I		Agricultural Economics	2	0	0	2
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1
552	U		Agricultural Machinery	0	0	0	0
553	L		Biological Environment	0	0	0	0
			Agricultural Engineering total	1	0	0	1
561	T		Animal Science and Grassland Science	0	0	0	0
562	U		Applied Animal Science	1	0	0	1
563	R		Basic Veterinary Medicine and Basic Animal Science	2	1	0	3
564			Applied Veterinary Medicine	2	0	0	2
	E		Animal Science-Veterinary Medicine total	5	1	0	6
571			Biological Resource Science	0	0	0	0
572			Applied Molecular Cell Biology	0	0	0	0
			Interdisciplinary Agricultural Science total	0	0	0	0
			AGRICULTURE Total	27	1	0	28
601			Anatomy in General (inclu. Histology, Embryology)	1	0	0	1
602			Physiology in General	5	0	0	5
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	0	0	3
604			Pharmacology in General	1	0	0	1
605			Medical Chemistry in General	3	0	0	3
606			Pathological Medical Chemistry	0	0	0	0
			Physiology total	13	0	0	13
611	M		Hominal Pathology	1	0	0	1
612	E		Experimental Pathology	1	0	0	1
613			Parasitology (inclu. Medical Zoology)	0	0	0	0
614	D		Bacteriology (inclu. Eumycetes)	2	0	0	2
615			Virology	2	0	0	2
616	I		Immunology	2	0	0	2
			Pathology total	8	0	0	8
621	C		Hygiene	2	0	0	2
622			Public Health and Health Science	5	0	0	5
623	I		Legal Medicine	0	0	0	0
			Social Medicine total	7	0	0	7
631	N		Internal Medicine in General	2	0	0	2
632	E		Gastroenterology	3	0	0	3
633			Internal Medicine Respiratory System	1	0	0	1
634			Neurological Medicine	2	0	0	2
635			Cardioangiopathy	1	0	0	1
636			Pediatrics	1	0	0	1
637			Dermatology	2	0	0	2
638			Radiology	3	0	0	3
639			Neuropsychiatry	3	0	0	3
641			Hematology	3	0	0	3
642			Internal Medicine of Kidney	0	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	0	0	0
645			Metabolic Science	0	0	0	0
			Internal Medicine total	21	0	0	21
651			Surgery in General	1	0	0	1
652			Gastroenterological Surgery	4	0	0	4
653			Thoracic Surgery	3	0	0	3

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
654	M		Neurosurgery	2	0	0	2
655			Orthopedic Surgery	4	0	0	4
656			Anesthesiology and Rescue Medicine	7	0	0	7
657			Urology	2	0	0	2
658			Obstetrics and Gynecology	1	0	0	1
659			Oto-rhino-laryngology	3	0	0	3
660			Ophthalmology	1	0	0	1
661			Pediatric Surgery	0	0	0	0
662			Formative Surgery	0	0	0	0
			Surgery total	28	0	0	28
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	0	0
672	D		Functional Basic Dentistry	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	0	0	0	0
674	C		Conservative Dentistry	0	0	0	0
675	I		Prosthodontics and Dental Technology	1	0	0	1
676	N		Oral Surgery	1	0	0	1
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	0	1
678			Periodontological Dentistry	0	0	0	0
			Dentistry total	4	0	0	4
681			Chemical Pharmaceutics	1	0	0	1
682			Physical Pharmaceutics	2	0	0	2
683			Biopharmaceutics	3	0	0	3
684			Molecular Pharmaceutics	0	0	0	0
685			Environmental Pharmaceutics	1	0	0	1
			Pharmaceutics total	7	0	0	7
691			Medical Sociology	3	1	0	4
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	0	0	0	0
694			Pathological Examination	0	0	0	0
696			Science of Basic and Local Nursing	10	4	0	14
697			Science of Clinical Nursing	5	3	0	8
			Medicine in General total	18	8	0	26
			MEDICINE Total	106	8	0	114
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	8	2	0	10
704			Human Geography	6	0	0	6
705			Physical Geography	3	0	0	3
			Geography total	9	0	0	9
706			Home Science (inclu. Cloth/Living Environments)	2	1	0	3
707			Food Culture	2	1	0	3
			Domestic Science total	4	2	0	6
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	1	0	0	1
713			Curriculum Studies	1	0	0	1
714			Japanese Language Education	2	0	0	2
			Science Education·Curriculum Education total	4	0	0	4
721			Statistics	0	0	0	0
731			Computer Science	5	0	0	5
732			Intelligent Informatics	2	1	0	3
733			Study of Information System (Inclu. Library and Information Science)	4	0	0	4
			Information Science total	11	1	0	12
741			Social System Engineering	4	0	0	4
751			Natural Disaster Science	0	0	0	0
761			Plasma Science and Technology	1	0	0	1
772			Nuclear Fusion	0	0	0	0

Table 25. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
773	N T E		Energy Science General	0	0	0	0
774			Nuclear Power Science	0	0	0	0
			Energy total	0	0	0	0
801	R D I		Environmental Dynamic Analysis	1	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	4	0	0	4
803			Environmental Preservation	2	0	0	2
	S C I		Environmental Science total	7	0	0	7
811			Biological Organic Chemistry	1	0	0	1
812			Structured Biochemistry	2	0	0	2
813	L I N		Functional Biochemistry	0	0	0	0
			Biological Chemistry total	3	0	0	3
821			Biophysics	2	0	0	2
822	A R Y		Molecular Biology	3	1	0	4
823			Cell Biology	1	0	0	1
824			Developmental Biology	1	0	0	1
	A R E		Basic Biology total	7	1	0	8
831			Neuroanatomy and Neuropathology	4	0	0	4
832			Neurochemistry and Neuropharmacology	0	0	0	0
833	A		Neuro Science in General	1	0	0	1
834			Neuro and Muscular Physiology	1	0	0	1
			Neuro Science (inclu. Brain Science) total	6	0	0	6
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	1	0	2
			INTERDISCIPLINARY AREA Total	67	7	0	74
999			WIDE AREA Total	11	2	1	14
			Item n.a. Total	8	2	0	10
			Grand Total	531	49	6	586

Table 26. Number of Researchers Who Have Traveled Abroad 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
211	ARTS • HUMANITIES		Philosophy	36	3	0	0	39
212			Chinese Philosophy	6	0	0	0	6
213			Indian Philosophy (inclu. Buddhist Studies)	17	3	0	5	25
214			Religion	22	2	0	0	24
215			Ethics	5	0	0	0	5
216			History of Philosophy	17	1	0	0	18
217			Aesthetics (inclu. Arts)	86	22	0	0	108
218			Art History	35	4	0	0	39
			Philosophy total	224	35	0	5	264
221			Experimental Psychology	21	1	0	0	22
222			Educational and Social	56	11	0	0	67
223			Sociology	150	14	0	0	164
224			Education	65	9	0	0	74
225			Cultural Anthropology (inclu. Ethnology and Folklore)	115	7	0	0	122
		Psychology • Sociology • Education Cultural Anthropology total		407	42	0	0	449
231			Japanese History	19	0	0	0	19
232			Oriental History	47	3	0	0	50
233			European History	70	6	1	0	77
234			Archaeology (inclu. Prehistory)	18	3	0	3	24
		History total		154	12	1	3	170
241			Japanese Language	9	0	0	0	9
242			Japanese Literature	18	5	0	0	23
243			Chinese Language and Literature	47	1	0	0	48
244			English Language and Literature	236	41	0	0	277
245			French Language and Literature	67	3	0	0	70
246			German Language and Literature	62	1	0	0	63
247			Other Foreign Languages and Literatures	43	3	0	0	46
248			Linguistics and Phonetics	86	12	0	0	98
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	21	5	0	0	26
		Literature total		589	71	0	0	660
	ARTS•HUMANITIES Total			1,374	160	1	8	1,543
261	LAW		Basic Science of Law	20	1	0	0	21
262			Public Law	26	3	0	0	29
263			International Law	25	0	0	0	25
264			Civil Law	39	0	0	0	39
265			Social Law	8	0	0	0	8
266			Criminal Law	16	1	0	0	17
267			Politics	106	2	0	0	108
	LAW Total		240	7	0	0	247	
271	ECONOMICS		General Theory of Economics	64	3	0	0	67
272			Economical Statistics	11	1	0	0	12
273			Economic Policy (inclu. Economic Condition)	101	4	0	0	105
274			Economic History	45	1	0	0	46
275			Public Finance, Money and Banking	24	2	0	0	26
276			Commercial Science	26	0	0	0	26
277			Business Administration	87	4	0	0	91
278			Accounting	34	0	0	0	34
	ECONOMICS Total		392	15	0	0	407	
301	SCIENCE		Algebra	12	1	0	0	13
302			Geometry	12	0	0	0	12
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	16	1	0	0	17
305			Basic Analysis	9	0	0	0	9
306			Larger-area Analysis	12	0	0	0	12
		Mathematics total		61	2	0	0	63
311		Astronomy		3	0	0	0	3
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	23	0	0	0	23

Table 26. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	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)	8	0	0	0	8
323			Solid-State Physics II (Magnetism, Metal Physics,	4	0	0	0	4
324			Physical Properties in General (inclu. Basic Theories)	4	1	0	0	5
325			Physics in General	8	0	0	0	8
			Physics total	47	1	0	0	48
331			Physics of Solid Earth	5	0	0	0	5
332			Meteorology, Oceanography and Hydrology	6	0	0	0	6
333			Aeronomy	3	0	0	0	3
334			Geology	3	0	0	1	4
335			Stratigraphy and Paleontology	6	1	0	1	8
336			Mineralogy, Petrology and Study of Mineral Deposit	8	0	0	0	8
337			Geochemistry	3	0	0	0	3
			Earth Science total	34	1	0	2	37
341			Physical Chemistry	18	1	0	0	19
342			Organic Chemistry	3	0	0	1	4
343			Inorganic Chemistry	4	0	0	0	4
344			Function, Properties and Materials in Chemistry	6	0	0	0	6
345			Substance Transformation	0	0	0	0	0
346			Separation, Refining and Identification	6	0	0	0	6
			Chemistry total	37	1	0	1	39
351			Genetics	1	0	0	0	1
352			Ecology	12	1	0	2	15
353			Plant Physiology	8	2	0	0	10
354			Morphology, Structure of Organism	4	0	0	1	5
355			Animal Physiology and	3	0	0	0	3
356			Morphology and Taxonomy	6	0	0	2	8
			Biology total	34	3	0	5	42
361			Physical Anthropology (inclu. Physiological Anthropology)	4	0	0	0	4
			SCIENCE Total	220	8	0	8	236
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	1	0	0	0	1
402			Surface Physics	5	0	0	0	5
403			Applied Optics and Quantum Optics	15	0	0	0	15
404			General Applied Physics	1	0	0	0	1
405			Fundamentals of Engineering	0	0	0	0	0
			Applied Physics-Fundamentals of Engineering total	22	0	0	0	22
411			Materials for Machines and Strength of Materials	7	0	0	0	7
412			Workshop Processes and Production Engineering	6	0	0	0	6
413			Design Engineering, Machine Elements and Tribology	1	0	0	0	1
414			Fluid Mechanics	11	0	0	0	11
415			Heat Engineering	8	0	0	0	8
416			Mechanics and Control Engineering	8	1	0	0	9
417			Intelligent Mechanics and Machine System	12	1	0	0	13
			Machine Engineering total	53	2	0	0	55
421			Electric Power Engineering and Electric Machinery	11	0	0	0	11
422			Electronic and Electric Materials Engineering	10	0	0	1	11
423			Electron Devices and Apparatus Engineering	6	0	0	0	6
424			Information and Communication Engineering	18	0	1	0	19

Table 26. Number of Researchers Who Have Traveled Abroad 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 N G I N E E R I N G		System Engineering	6	0	0	0	6
427			Electronic Measurements	7	0	0	0	7
428			Control Engineering	3	1	0	0	4
			Electric and Electronic Engineering	61	1	1	1	64
431			Construction Materials and Dynamics in General Civil Engineering	4	0	0	0	4
432			Structural Engineering and Seismology	9	0	0	0	9
433			Ground Engineering	13	0	0	0	13
434			Hydraulics and River Engineering	10	0	0	0	10
435			Traffic Engineering and Regional Planning	6	0	0	0	6
436			Civil Environmental System	4	0	0	0	4
			Civil Engineering total	46	0	0	0	46
441		G	Building Structure and Materials	8	0	0	0	8
442			Building Science and Building Equipment	11	0	0	0	11
443			City Planning and Building Planning	44	4	0	0	48
444			Architectural History and Design	27	4	0	0	31
			Architecture total	90	8	0	0	98
451		N	Physical Metallurgy	2	0	0	0	2
452			Inorganic Materials and	9	0	0	0	9
453			Composed Materials and Properties	0	0	0	0	0
454			Structural and Functional Materials	0	0	0	0	0
455		R	Metallurgy and Material	4	0	0	0	4
456			Metal Productive Engineering	2	0	0	0	2
			Material Engineering total	17	0	0	0	17
461		G	Chemical Engineering in General	4	0	0	0	4
462			Reaction and Separation Engineering	2	0	0	0	2
463			Catalyst and Chemical Process	4	0	0	0	4
464			Bioengineering	2	0	0	0	2
465			Industrial Analytical Chemistry	4	0	0	0	4
			Process Engineering total	16	0	0	0	16
471			Industrial Physical Chemistry	6	0	0	0	6
472			Industrial Inorganic Chemistry	2	0	0	0	2
473			Industrial Organic Chemistry	3	0	0	0	3
474			Synthetic Chemistry	2	0	0	0	2
475			Polymer Synthesis	2	0	0	0	2
476			Polymer Structure and Property (inclu. Fiber)	6	0	0	0	6
			Industrial Chemistry total	21	0	0	0	21
481			Aeronautics	2	1	0	0	3
482			Ship Engineering	1	0	0	0	1
483			Marine Engineering	2	0	0	0	2
484			Resource Development Engineering	2	0	0	0	2
			Synthetic Engineering total	7	1	0	0	8
			ENGINEERING Total	333	12	1	1	347
501	A G R I C U L T U R E		Plant Breeding	2	0	0	0	2
502			Crop Science	2	0	0	0	2
503			Horticulture and Landscape Architecture	8	3	0	0	11
504			Plant Protection	2	0	0	0	2
505			Sericultural Science and Economic Entomology	1	0	0	0	1
			Agriculture total	15	3	0	0	18
511			Plant Fertilizer and Manure and Soil Science	1	0	0	0	1
512			Applied Microbiochemistry and Applied Biochemistry	10	3	0	0	13
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	0	0	1
514			Food Science and Nutritional Chemistry	11	1	0	0	12

Table 26. Number of Researchers Who Have Traveled Abroad 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	23	4	0	0	27
521			Forestry	6	0	0	0	6
522	G		Wood Science	1	0	0	0	1
			Forestry total	7	0	0	0	7
531	R		Fisheries in General	6	0	0	0	6
532			Fisheries Chemistry	1	0	0	0	1
			Fisheries total	7	0	0	0	7
541	I		Agricultural Economics	20	1	0	0	21
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	0	0	0	4
552	U		Agricultural Machinery	0	2	0	0	2
553	L		Biological Environment	0	0	0	0	0
			Agricultural Engineering total	4	2	0	0	6
561	T		Animal Science and Grassland Science	5	0	0	0	5
562	U		Applied Animal Science	1	0	0	0	1
563	R		Basic Veterinary Medicine and Basic Animal Science	7	0	0	0	7
564			Applied Veterinary Medicine	10	0	0	0	10
	E		Animal Science-Veterinary Medicine total	23	0	0	0	23
571			Biological Resource Science	1	0	0	1	2
572			Applied Molecular Cell Biology	0	1	0	0	1
			Interdisciplinary Agricultural Science total	1	1	0	1	3
			AGRICULTURE Total	100	11	0	1	112
601			Anatomy in General (inclu. Histology, Embryology)	8	0	0	0	8
602			Physiology in General	10	1	0	0	11
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	9	1	0	0	10
604			Pharmacology in General	9	1	0	0	10
605			Medical Chemistry in General	8	0	0	2	10
606			Pathological Medical Chemistry	2	0	0	0	2
			Physiology total	46	3	0	2	51
611	M		Hominal Pathology	9	0	0	0	9
612			Experimental Pathology	2	0	0	0	2
613	E		Parasitology (inclu. Medical Zoology)	12	1	0	0	13
614	D		Bacteriology (inclu. Eumycetes)	6	1	0	0	7
615			Virology	2	0	0	0	2
616	I		Immunology	6	1	0	0	7
			Pathology total	37	3	0	0	40
621	C		Hygiene	9	0	0	0	9
622			Public Health and Health Science	9	1	0	1	11
623	I		Legal Medicine	3	0	0	0	3
			Social Medicine total	21	1	0	1	23
631	N		Internal Medicine in General	8	2	0	0	10
632			Gastroenterology	6	0	0	0	6
633	E		Internal Medicine Respiratory System	2	0	0	0	2
634			Neurological Medicine	5	0	0	0	5
635			Cardioangiopathy	8	0	0	0	8
636			Pediatrics	6	0	0	0	6
637			Dermatology	4	0	0	0	4
638			Radiology	8	0	0	0	8
639			Neuropsychiatry	4	0	0	0	4
641			Hematology	5	0	0	0	5
642			Internal Medicine of Kidney	1	0	0	0	1
643			Embryology and Newborn	0	0	0	0	0
644			Endocrinology	1	0	0	0	1
645			Metabolic Science	0	0	0	0	0
			Internal Medicine total	58	2	0	0	60
651			Surgery in General	6	0	0	0	6
652			Gastroenterological Surgery	6	0	0	0	6
653			Thoracic Surgery	3	1	0	0	4

Table 26. Number of Researchers Who Have Traveled Abroad by Field of Specialization / by Institution Type (Private Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Private Scientific Research Institutes	Total
654	M		Neurosurgery	5	0	0	0	5
655			Orthopedic Surgery	14	0	0	0	14
656			Anesthesiology and Rescue Medicine	6	0	0	0	6
657			Urology	6	0	0	0	6
658			Obstetrics and Gynecology	4	0	0	0	4
659			Oto-rhino-laryngology	4	0	0	0	4
660			Ophthalmology	7	0	0	0	7
661			Pediatric Surgery	0	0	0	0	0
662			Formative Surgery	0	0	0	0	0
			Surgery total	61	1	0	0	62
671	E	D	Oral Anatomy and Morphological Basic Dentistry	12	0	0	0	12
672	C		Functional Basic Dentistry	4	0	0	0	4
673			Morbid Dentistry (inclu. Dental Radiology)	3	0	0	0	3
674			Conservative Dentistry	7	0	0	0	7
675			Prosthodontics and Dental Technology	8	0	0	0	8
676			Oral Surgery	9	0	0	0	9
677			Orthodontics, Pedodontics and Social Dentistry	8	0	0	0	8
678			Periodontological Dentistry	3	0	0	0	3
			Dentistry total	54	0	0	0	54
681	E		Chemical Pharmaceutics	23	0	0	0	23
682			Physical Pharmaceutics	7	0	0	0	7
683			Biopharmaceutics	23	0	0	2	25
684			Molecular Pharmaceutics	2	0	0	0	2
685			Environmental Pharmaceutics	2	0	0	0	2
		Pharmaceutics total	57	0	0	2	59	
691			Medical Sociology	2	0	0	0	2
692			Human Genetics	1	0	0	0	1
693			Applied Pharmacology and Medical Pharmacology	3	0	0	0	3
694			Pathological Examination	2	0	0	0	2
696			Science of Basic and Local Nursing	5	1	0	0	6
697			Science of Clinical Nursing	3	1	0	0	4
		Medicine in General total	16	2	0	0	18	
		MEDICINE Total			350	12	0	5
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	4	0	0	0	4
703			Physical Education	42	8	0	0	50
704			Human Geography	27	1	0	0	28
705				Physical Geography	14	0	0	0
			Geography total	41	1	0	0	42
706			Home Science (inclu. Cloth/Living Environments)	12	10	0	0	22
707				Food Culture	1	8	0	0
			Domestic Science total	13	18	0	0	31
708			Science of Cultural Property	0	0	0	0	0
711			Science Education	Science Education	3	0	0	0
712	Educational Engineering	8		0	0	0	8	
713	Curriculum Studies	20		5	0	0	25	
714	Japanese Language Education	14		2	0	0	16	
	Science Education·Curriculum Education total	45	7	0	0	52		
721		Statistics	5	0	0	0	5	
731		Computer Science	24	0	1	0	25	
732		Intelligent Informatics	17	2	0	0	19	
733	I		Study of Information System (Inclu. Library and Information Science)	9	1	0	0	10
			Information Science total	50	3	1	0	54
741			Social System Engineering	13	2	0	0	15
751			Natural Disaster Science	0	0	0	0	0
761			Plasma Science and Technology	2	0	0	0	2
772			Nuclear Fusion	1	1	0	0	2

Table 26. Number of Researchers Who Have Traveled Abroad 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	N		Energy Science General	1	0	0	0	1
774	T		Nuclear Power Science	3	0	0	0	3
	E		Energy total	5	1	0	0	6
801	R		Environmental Dynamic Analysis	7	0	0	0	7
802	D		Environmental Influence Assessment (inclu. Radiobiology)	1	0	0	0	1
803	I		Environmental Preservation	10	0	0	0	10
	S		Environmental Science total	18	0	0	0	18
811	I		Biological Organic Chemistry	4	0	0	0	4
812	P		Structured Biochemistry	3	0	0	0	3
813	L		Functional Biochemistry	4	0	0	0	4
	I		Biological Chemistry total	11	0	0	0	11
821	N		Biophysics	4	0	0	0	4
822	A		Molecular Biology	11	0	0	0	11
823	R		Cell Biology	6	1	0	1	8
824	Y		Developmental Biology	3	0	0	0	3
			Basic Biology total	24	1	0	1	26
831	A		Neuroanatomy and Neuropathology	4	0	0	0	4
832	R		Neurochemistry and Neuropharmacology	4	0	0	0	4
833	E		Neuro Science in General	7	0	0	1	8
834	A		Neuro and Muscular Physiology	6	0	0	0	6
			Neuro Science (inclu. Brain Science) total	21	0	0	1	22
841			Laboratory Animal Science	2	0	0	1	3
851			Medical Organism Engineering and Material Science of Organism	12	0	0	0	12
			INTERDISCIPLINARY AREA Total	308	41	1	3	353
999			WIDE AREA Total	80	12	0	1	93
			Item n.a. Total	40	1	0	1	42
			Grand Total	3,437	279	3	28	3,747

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	61	1	1	0	0	0	63
212			Chinese Philosophy	20	3	1	0	0	0	24
213			Indian Philosophy (inclu. Buddhist Studies)	32	5	1	1	0	1	40
214			Religion	48	1	0	0	0	0	49
215			Ethics	21	0	0	0	0	0	21
216			History of Philosophy	26	0	0	0	0	0	26
217			Aesthetics (inclu. Arts)	91	16	0	1	0	0	108
218			Art History	37	2	0	0	3	0	42
		Philosophy total	336	28	3	2	3	1	373	
221			Experimental Psychology	158	7	0	2	2	0	169
222			Educational and Social	258	25	0	3	4	0	290
223			Sociology	204	23	0	2	0	0	229
224			Education	181	23	1	0	7	0	212
225			Cultural Anthropology (inclu. Ethnology and Folklore)	72	2	0	7	0	1	82
		Psychology • Sociology • Education Cultural Anthropology total	873	80	1	14	13	1	982	
231			Japanese History	53	1	0	1	0	1	56
232			Oriental History	92	2	0	0	0	0	94
233			European History	71	2	0	0	0	0	73
234			Archaeology (inclu. Prehistory)	38	0	0	0	5	0	43
		History total	254	5	0	1	5	1	266	
241			Japanese Language	38	2	0	0	2	0	42
242			Japanese Literature	68	7	0	3	0	0	78
243			Chinese Language and Literature	83	4	1	0	0	0	88
244			English Language and Literature	264	28	3	0	0	0	295
245			French Language and Literature	55	0	0	0	0	0	55
246			German Language and Literature	64	0	0	0	0	0	64
247			Other Foreign Languages and Literatures	68	5	0	0	0	1	74
248			Linguistics and Phonetics	173	17	0	1	4	0	195
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	35	1	0	1	0	0	37
		Literature total	848	64	4	5	6	1	928	
	ARTS • HUMANITIES Total			2,311	177	8	22	27	4	2,549
261	LAW	Basic Science of Law	33	2	0	0	0	0	0	35
262		Public Law	45	1	0	0	0	0	0	46
263		International Law	56	1	0	0	0	0	0	57
264		Civil Law	74	2	0	0	0	0	0	76
265		Social Law	22	0	0	0	0	0	0	22
266		Criminal Law	25	1	0	0	0	0	0	26
267		Politics	169	1	3	1	0	0	0	174
	LAW Total			424	8	3	1	0	0	436
271	ECONOMICS	General Theory of Economics	128	4	0	0	0	0	1	133
272		Economical Statistics	27	3	0	0	0	0	1	31
273		Economic Policy (inclu. Economic Condition)	178	3	0	1	0	2	184	
274		Economic History	47	0	0	0	0	0	47	
275		Public Finance, Money and Banking	59	4	0	0	0	0	63	
276		Commercial Science	50	1	0	0	0	0	51	
277		Business Administration	133	7	0	1	0	0	141	
278		Accounting	67	2	0	0	0	0	69	
	ECONOMICS Total			689	24	0	2	0	4	719
301	SCIENCE		Algebra	99	1	2	0	0	0	102
302			Geometry	93	1	8	0	0	0	102
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	152	4	2	3	0	0	161
305			Basic Analysis	110	0	5	0	0	1	116
306			Larger-area Analysis	69	1	1	0	0	0	71
		Mathematics total	523	7	18	3	0	1	552	
311		Astronomy	51	0	1	27	1	0	80	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	264	5	4	40	0	0	313	

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subj ect	Subd ivision	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Governmen t Research Institutes	Private Scientific Research Institutes	Total
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	162	0	1	3	0	0	166
323			Solid-State Physics II (Magnetism, Metal Physics,	188	0	1	4	0	0	193
324			Physical Properties in General (inclu. Basic Theories)	84	4	1	6	0	0	95
325			Physics in General	102	2	2	12	0	0	118
			Physics total	800	11	9	65	0	0	885
331			Physics of Solid Earth	78	0	0	10	0	0	88
332			Meteorology, Oceanography and Hydrology	124	1	3	8	0	0	136
333			Aeronomy	28	0	1	9	0	0	38
334			Geology	45	0	0	0	0	1	46
335			Stratigraphy and Paleontology	29	0	0	1	3	2	35
336			Mineralogy, Petrology and Study of Mineral Deposit	64	0	0	1	0	0	65
337			Geochemistry	48	0	1	2	0	0	51
			Earth Science total	416	1	5	31	3	3	459
341			Physical Chemistry	258	3	4	25	0	1	291
342			Organic Chemistry	225	2	8	4	0	6	245
343			Inorganic Chemistry	146	0	0	1	1	0	148
344			Function, Properties and Materials in Chemistry	120	3	3	4	1	0	131
345			Substance Transformation	8	0	1	0	0	1	10
346			Separation, Refining and Identification	86	0	1	0	0	0	87
			Chemistry total	843	8	17	34	2	8	912
351			Genetics	51	0	0	6	0	0	57
352			Ecology	90	3	0	5	1	4	103
353			Plant Physiology	98	1	0	4	0	0	103
354			Morphology, Structure of Organism	49	1	0	3	0	1	54
355			Animal Physiology and	57	2	0	1	0	0	60
356			Morphology and Taxonomy	42	1	0	2	7	2	54
			Biology total	387	8	0	21	8	7	431
361			Physical Anthropology (inclu. Physiological Anthropology)	29	1	0	0	1	0	31
	SCIENCE Total			3,049	36	50	181	15	19	3,350
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	125	0	3	1	0	0	129
402			Surface Physics	75	0	0	0	0	1	76
403			Applied Optics and Quantum Optics	138	1	5	3	0	2	149
404			General Applied Physics	30	0	2	2	0	3	37
405			Fundamentals of Engineering	33	1	0	2	0	0	36
			Applied Physics-Fundamentals of Engineering total	401	2	10	8	0	6	427
411			Materials for Machines and Strength of Materials	212	2	14	1	0	0	229
412			Workshop Processes and Production Engineering	159	0	15	0	0	0	174
413			Design Engineering, Machine Elements and Tribology	75	1	7	1	0	0	84
414			Fluid Mechanics	214	2	22	1	0	0	239
415			Heat Engineering	163	2	9	2	0	0	176
416			Mechanics and Control Engineering	109	2	16	1	0	0	128
417			Intelligent Mechanics and Machine System	164	1	6	0	0	0	171
			Machine Engineering total	1,096	10	89	6	0	0	1,201
421			Electric Power Engineering and Electric Machinery	179	2	19	2	0	0	202
422			Electronic and Electric Materials Engineering	201	2	11	1	0	1	216
423			Electron Devices and Apparatus Engineering	222	1	10	1	0	0	234
424			Information and Communication Engineering	416	4	17	14	0	0	451

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	97	4	3	3	0	0	107
427			Electronic Measurements	101	2	7	1	0	0	111
428			Control Engineering	105	2	12	1	0	0	120
			Electric and Electronic Engineering	1,321	17	79	23	0	1	1,441
431			Construction Materials and Dynamics in General Civil Engineering	78	0	5	0	0	0	83
432			Structural Engineering and Seismology	93	3	3	0	0	0	99
433			Ground Engineering	89	0	10	0	0	0	99
434			Hydraulics and River Engineering	116	2	9	0	0	0	127
435			Traffic Engineering and Regional Planning	82	1	3	0	0	0	86
436			Civil Environmental System	74	1	3	0	0	0	78
			Civil Engineering total	532	7	33	0	0	0	572
441		I	Building Structure and Materials	136	0	6	0	0	0	142
442			Building Science and Building Equipment	94	2	2	0	0	0	98
443			City Planning and Building Planning	128	2	3	0	0	0	133
444			Architectural History and Design	35	1	2	0	0	0	38
			Architecture total	393	5	13	0	0	0	411
451		N	Physical Metallurgy	87	1	8	0	0	0	96
452			Inorganic Materials and	112	1	2	1	0	1	117
453			Composed Materials and Properties	34	0	4	0	0	0	38
454			Structural and Functional Materials	91	3	4	1	0	1	100
455		R	Metallurgy and Material	103	5	4	2	0	0	114
456			Metal Productive Engineering	53	1	1	0	0	0	55
			Material Engineering total	480	11	23	4	0	2	520
461		G	Chemical Engineering in General	92	0	4	0	0	0	96
462			Reaction and Separation Engineering	65	0	4	0	0	0	69
463			Catalyst and Chemical Process	68	0	1	1	0	0	70
464			Bioengineering	79	0	3	0	0	0	82
465			Industrial Analytical Chemistry	49	0	2	0	0	0	51
			Process Engineering total	353	0	14	1	0	0	368
471			Industrial Physical Chemistry	111	0	3	0	0	0	114
472			Industrial Inorganic Chemistry	43	0	1	0	0	0	44
473			Industrial Organic Chemistry	40	0	0	0	0	0	40
474			Synthetic Chemistry	130	1	4	0	0	0	135
475			Polymer Synthesis	90	0	1	0	0	0	91
476			Polymer Structure and Property (inclu. Fiber)	89	1	2	1	0	0	93
			Industrial Chemistry total	503	2	11	1	0	0	517
481			Aeronautics	61	1	2	16	0	0	80
482			Ship Engineering	38	1	2	0	0	0	41
483			Marine Engineering	24	0	1	0	0	0	25
484			Resource Development Engineering	43	0	1	0	0	0	44
			Synthetic Engineering total	166	2	6	16	0	0	190
			ENGINEERING Total	5,245	56	278	59	0	9	5,647
501	A G R I C U L T U R E		Plant Breeding	40	1	1	0	0	0	42
502			Crop Science	28	0	0	0	0	0	28
503			Horticulture and Landscape Architecture	72	2	0	0	1	0	75
504			Plant Protection	53	3	0	0	0	0	56
505			Sericultural Science and Economic Entomology	13	0	0	0	0	1	14
			Agriculture total	206	6	1	0	1	1	215
511			Plant Fertilizer and Manure and Soil Science	30	0	0	0	0	0	30
512			Applied Microbiochemistry and Applied Biochemistry	121	2	4	0	0	2	129
513			Biological Productive Chemistry and Bioorganic Chemistry	44	0	0	0	0	1	45
514			Food Science and Nutritional Chemistry	109	10	1	0	0	0	120

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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
			Agricultural Chemistry total	304	12	5	0	0	3	324
521	A		Forestry	63	0	0	0	0	0	63
522	G		Wood Science	52	0	0	0	0	0	52
			Forestry total	115	0	0	0	0	0	115
531	R		Fisheries in General	108	0	0	0	0	0	108
532			Fisheries Chemistry	34	0	0	0	0	0	34
			Fisheries total	142	0	0	0	0	0	142
541	I		Agricultural Economics	44	2	0	0	0	0	46
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	39	2	0	0	0	0	41
552	U		Agricultural Machinery	39	0	0	0	0	0	39
553	L		Biological Environment	20	0	0	0	0	0	20
			Agricultural Engineering total	98	2	0	0	0	0	100
561	T		Animal Science and Grassland Science	46	0	0	0	0	0	46
562	U		Applied Animal Science	54	0	0	0	0	0	54
563	R		Basic Veterinary Medicine and Basic Animal Science	57	1	0	0	0	0	58
564			Applied Veterinary Medicine	47	0	0	0	0	1	48
	E		Animal Science·Veterinary Medicine total	204	1	0	0	0	1	206
571			Biological Resource Science	12	0	0	0	0	1	13
572			Applied Molecular Cell Biology	11	1	1	1	0	0	14
			Interdisciplinary Agricultural Science total	23	1	1	1	0	1	27
			AGRICULTURE Total	1,136	24	7	1	1	6	1,175
601			Anatomy in General (inclu. Histology, Embryology)	93	3	0	0	0	0	96
602			Physiology in General	103	5	0	4	0	0	112
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	62	7	0	0	0	0	69
604			Pharmacology in General	92	1	0	0	0	0	93
605			Medical Chemistry in General	106	1	0	0	0	2	109
606			Pathological Medical Chemistry	49	0	0	0	0	1	50
			Physiology total	505	17	0	4	0	3	529
611	M		Hominal Pathology	114	3	0	0	0	1	118
612	E		Experimental Pathology	68	1	0	0	0	3	72
613			Parasitology (inclu. Medical Zoology)	48	0	0	0	0	0	48
614	D		Bacteriology (inclu. Eumycetes)	83	2	0	0	0	1	86
615			Virology	69	0	0	0	0	1	70
616	I		Immunology	115	3	0	0	0	1	119
			Pathology total	497	9	0	0	0	7	513
621	C		Hygiene	75	4	0	0	0	1	80
622			Public Health and Health Science	139	15	0	0	0	1	155
623	I		Legal Medicine	41	0	0	0	0	0	41
			Social Medicine total	255	19	0	0	0	2	276
631	N		Internal Medicine in General	144	3	0	0	0	2	149
632	E		Gastroenterology	216	0	0	0	0	2	218
633			Internal Medicine Respiratory System	134	4	0	0	0	1	139
634			Neurological Medicine	122	3	0	1	0	0	126
635			Cardioangiopathy	251	4	0	0	0	2	257
636			Pediatrics	192	3	0	0	1	0	196
637			Dermatology	103	0	0	0	0	0	103
638			Radiology	267	6	0	0	0	0	273
639			Neuropsychiatry	156	7	0	0	1	0	164
641			Hematology	127	5	0	0	0	0	132
642			Internal Medicine of Kidney	81	1	0	0	0	0	82
643			Embryology and Newborn	7	1	0	0	0	0	8
644			Endocrinology	72	1	0	0	0	0	73
645			Metabolic Science	90	3	0	0	0	1	94
			Internal Medicine total	1,962	41	0	1	2	8	2,014
651			Surgery in General	112	1	0	0	0	1	114
652			Gastroenterological Surgery	179	1	0	0	0	5	185
653			Thoracic Surgery	109	2	0	0	0	0	111

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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	149	0	0	0	0	0	149
655			Orthopedic Surgery	278	5	0	0	0	0	283
656			Anesthesiology and Rescue Medicine	170	0	0	0	0	0	170
657			Urology	160	0	0	0	0	0	160
658			Obstetrics and Gynecology	173	1	0	0	0	0	174
659			Oto-rhino-laryngology	124	0	0	0	0	0	124
660			Ophthalmology	170	0	0	0	0	0	170
661			Pediatric Surgery	32	2	0	0	0	0	34
662			Formative Surgery	25	0	0	0	0	0	25
			Surgery total	1,681	12	0	0	0	6	1,699
671	E		Oral Anatomy and Morphological Basic Dentistry	90	1	0	0	0	0	91
672			Functional Basic Dentistry	93	0	0	0	0	0	93
673			Morbid Dentistry (inclu. Dental Radiology)	56	0	0	0	0	0	56
674			Conservative Dentistry	133	1	0	0	0	0	134
675			Prosthodontics and Dental Technology	188	1	0	0	0	0	189
676			Oral Surgery	208	0	0	0	0	0	208
677			Orthodontics, Pedodontics and Social Dentistry	182	0	0	0	0	0	182
678			Periodontological Dentistry	71	0	0	0	0	0	71
			Dentistry total	1,021	3	0	0	0	0	1,024
681	E		Chemical Pharmaceutics	163	1	0	0	0	0	164
682			Physical Pharmaceutics	93	0	0	0	0	0	93
683			Biopharmaceutics	211	0	0	0	0	4	215
684			Molecular Pharmaceutics	48	0	0	0	0	0	48
685			Environmental Pharmaceutics	6	0	0	0	0	0	6
			Pharmaceutics total	521	1	0	0	0	4	526
691			Medical Sociology	29	1	0	0	0	0	30
692			Human Genetics	25	1	0	0	0	0	26
693			Applied Pharmacology and Medical Pharmacology	67	0	0	0	0	0	67
694			Pathological Examination	41	8	0	0	0	0	49
696			Science of Basic and Local Nursing	47	9	0	0	0	0	56
697			Science of Clinical Nursing	73	15	0	0	0	0	88
			Medicine in General total	282	34	0	0	0	0	316
			MEDICINE Total	6,724	136	0	5	2	30	6,897
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	17	2	0	0	0	0	19
703			Physical Education	177	11	3	0	0	0	191
704			Human Geography	55	0	0	0	0	0	55
705			Physical Geography	43	1	0	0	0	0	44
			Geography total	98	1	0	0	0	0	99
706			Home Science (inclu. Cloth/Living Environments)	43	26	0	0	0	0	69
707			Food Culture	25	15	0	0	0	0	40
			Domestic Science total	68	41	0	0	0	0	109
708			Science of Cultural Property	3	0	0	0	2	0	5
711			Science Education	35	1	1	0	6	0	43
712	A	R	Educational Engineering	44	5	2	7	2	0	60
713			Curriculum Studies	94	12	2	0	1	0	109
714			Japanese Language Education	52	2	0	0	3	0	57
			Science Education·Curriculum Education total	225	20	5	7	12	0	269
721			Statistics	54	2	0	5	0	0	61
731			Computer Science	314	2	9	10	0	0	335
732			Intelligent Informatics	245	5	14	7	0	0	271
733	I		Study of Information System (Inclu. Library and Information Science)	106	1	1	9	0	1	118
			Information Science total	665	8	24	26	0	1	724
741			Social System Engineering	123	3	1	0	0	0	127
751			Natural Disaster Science	13	0	1	0	0	0	14
761			Plasma Science and Technology	93	0	2	19	0	0	114
772			Nuclear Fusion	31	1	1	13	0	1	47

Table 27. Number of Researchers Who Have Participated in International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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 of Science and Technology		Energy Science General	20	0	0	0	0	0	20
774			Nuclear Power Science	45	1	0	0	0	0	46
			Energy total	96	2	1	13	0	1	113
801			Environmental Dynamic Analysis	63	1	0	0	0	0	64
802			Environmental Influence Assessment (inclu. Radiobiology)	46	1	2	1	0	2	52
803			Environmental Preservation	65	0	0	0	0	2	67
			Environmental Science total	174	2	2	1	0	4	183
811			Biological Organic Chemistry	72	2	2	0	0	2	78
812			Structured Biochemistry	60	2	0	1	0	1	64
813			Functional Biochemistry	83	2	0	0	0	0	85
			Biological Chemistry total	215	6	2	1	0	3	227
821		Natural Science	Biophysics	86	0	2	8	0	0	96
822			Molecular Biology	206	2	0	13	0	1	222
823			Cell Biology	119	1	0	2	0	1	123
824			Developmental Biology	71	0	0	4	0	0	75
			Basic Biology total	482	3	2	27	0	2	516
831	Area		Neuroanatomy and Neuropathology	50	3	0	0	0	0	53
832			Neurochemistry and Neuropharmacology	71	1	0	1	0	1	74
833			Neuro Science in General	95	1	2	5	0	3	106
834			Neuro and Muscular Physiology	66	2	0	4	0	0	72
		Neuro Science (inclu. Brain Science) total	282	7	2	10	0	4	305	
841		Laboratory Animal Science	13	0	0	0	0	5	18	
851		Medical Organism Engineering and Material Science of Organism	190	10	8	0	0	0	208	
	INTERDISCIPLINARY AREA Total			2,988	118	53	109	14	20	3,302
999	WIDE AREA Total			176	18	1	2	1	1	199
	Item n.a. Total			190	4	0	3	0	1	198
	Grand Total			22,932	601	400	385	60	94	24,472

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	22	0	1	0	0	23
212			Chinese Philosophy	6	0	1	0	0	7
213			Indian Philosophy (inclu. Buddhist Studies)	6	0	1	1	0	8
214			Religion	17	0	0	0	0	17
215			Ethics	10	0	0	0	0	10
216			History of Philosophy	6	0	0	0	0	6
217			Aesthetics (inclu. Arts)	27	0	0	1	0	28
218			Art History	18	0	0	0	3	21
		Philosophy total	112	0	3	2	3	120	
221			Experimental Psychology	69	1	0	2	2	74
222			Educational and Social	121	0	0	3	4	128
223			Sociology	56	0	0	2	0	58
224			Education	96	1	1	0	7	105
225			Cultural Anthropology (inclu. Ethnology and Folklore)	21	0	0	7	0	28
		Psychology • Sociology • Education Cultural Anthropology total	363	2	1	14	13	393	
231			Japanese History	20	0	0	1	0	21
232			Oriental History	45	0	0	0	0	45
233			European History	30	0	0	0	0	30
234			Archaeology (inclu. Prehistory)	18	0	0	0	5	23
		History total	113	0	0	1	5	119	
241			Japanese Language	18	0	0	0	2	20
242			Japanese Literature	17	0	0	3	0	20
243			Chinese Language and Literature	25	0	1	0	0	26
244			English Language and Literature	47	0	3	0	0	50
245			French Language and Literature	16	0	0	0	0	16
246			German Language and Literature	21	0	0	0	0	21
247			Other Foreign Languages and Literatures	26	0	0	0	0	26
248			Linguistics and Phonetics	56	0	0	1	4	61
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	9	0	0	1	0	10
		Literature total	235	0	4	5	6	250	
	ARTS • HUMANITIES Total	823	2	8	22	27	882		
261	LAW	Basic Science of Law	14	0	0	0	0	14	
262		Public Law	16	0	0	0	0	16	
263		International Law	22	0	0	0	0	22	
264		Civil Law	21	1	0	0	0	22	
265		Social Law	7	0	0	0	0	7	
266		Criminal Law	6	0	0	0	0	6	
267		Politics	45	0	3	1	0	49	
	LAW Total	131	1	3	1	0	136		
271	ECONOMICS	General Theory of Economics	38	0	0	0	0	38	
272		Economical Statistics	7	0	0	0	0	7	
273		Economic Policy (inclu. Economic Condition)	52	0	0	1	0	53	
274		Economic History	13	0	0	0	0	13	
275		Public Finance, Money and Banking	16	0	0	0	0	16	
276		Commercial Science	4	0	0	0	0	4	
277		Business Administration	21	1	0	1	0	23	
278		Accounting	10	0	0	0	0	10	
	ECONOMICS Total	161	1	0	2	0	164		
301	SCIENCE	Algebra	69	0	2	0	0	71	
302		Geometry	56	0	8	0	0	64	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	85	0	2	3	0	90	
305		Basic Analysis	75	0	5	0	0	80	
306		Larger-area Analysis	41	0	1	0	0	42	
		Mathematics total	326	0	18	3	0	347	
311		Astronomy	45	0	1	27	1	74	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	191	0	3	40	0	234	

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
322			Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	115	0	1	3	0	119
323			Solid-State Physics II (Magnetism, Metal Physics,	141	0	1	4	0	146
324			Physical Properties in General (inclu. Basic Theories)	54	1	1	6	0	62
325			Physics in General	61	1	1	12	0	75
			Physics total	562	2	7	65	0	636
331			Physics of Solid Earth	71	0	0	10	0	81
332			Meteorology, Oceanography and Hydrology	106	0	3	8	0	117
333	S		Aeronomy	21	0	1	9	0	31
334			Geology	38	0	0	0	0	38
335	C		Stratigraphy and Paleontology	22	0	0	1	3	26
336	I		Mineralogy, Petrology and Study of Mineral Deposit	57	0	0	1	0	58
337			Geochemistry	38	0	1	2	0	41
	E		Earth Science total	353	0	5	31	3	392
341			Physical Chemistry	171	0	4	25	0	200
342	N		Organic Chemistry	158	1	8	4	0	171
343			Inorganic Chemistry	100	0	0	1	1	102
344	C		Function, Properties and Materials in Chemistry	79	0	2	4	1	86
345	E		Substance Transformation	5	0	1	0	0	6
346			Separation, Refining and Identification	55	0	1	0	0	56
			Chemistry total	568	1	16	34	2	621
351			Genetics	39	0	0	6	0	45
352			Ecology	62	0	0	5	1	68
353			Plant Physiology	62	0	0	4	0	66
354			Morphology, Structure of	35	0	0	3	0	38
355			Animal Physiology and	40	0	0	1	0	41
356			Morphology and Taxonomy	28	0	0	2	7	37
			Biology total	266	0	0	21	8	295
361			Physical Anthropology (inclu. Physiological Anthropology)	16	0	0	0	1	17
			SCIENCE Total	2,136	3	47	181	15	2,382
401			Applied Physics of Property and Crystallography	89	0	1	1	0	91
402	E		Surface Physics	55	0	0	0	0	55
403			Applied Optics and Quantum	88	0	5	3	0	96
404	N		General Applied Physics	24	0	1	2	0	27
405			Fundamentals of Engineering	22	0	0	2	0	24
	G		Applied Physics·Fundamentals of Engineering total	278	0	7	8	0	293
411	I		Materials for Machines and Strength of Materials	137	1	13	1	0	152
412	N		Workshop Processes and Production Engineering	87	0	11	0	0	98
413	E		Design Engineering, Machine Elements and Tribology	52	1	5	1	0	59
414	E		Fluid Mechanics	139	0	19	1	0	159
415			Heat Engineering	101	1	8	2	0	112
416	R		Mechanics and Control	58	0	12	1	0	71
417	I		Intelligent Mechanics and Machine System	115	0	6	0	0	121
			Machine Engineering total	689	3	74	6	0	772
421	N		Electric Power Engineering and Electric Machinery	99	0	16	2	0	117
422	G		Electronic and Electric Materials Engineering	118	0	11	1	0	130
423			Electron Devices and Apparatus Engineering	139	0	10	1	0	150

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
424	E N G I N E E R I N G	Electric and Electronic Engineering	Information and Communication Engineering	247	0	15	14	0	276
425			System Engineering	54	2	3	3	0	62
427			Electronic Measurements	59	0	6	1	0	66
428			Control Engineering	71	1	8	1	0	81
			Electric and Electronic Engineering	787	3	69	23	0	882
431		Civil Engineering	Construction Materials and Dynamics in General Civil Engineering	50	0	5	0	0	55
432			Structural Engineering and Seismology	61	0	3	0	0	64
433			Ground Engineering	63	0	10	0	0	73
434			Hydraulics and River Engineering	77	0	8	0	0	85
435			Traffic Engineering and Regional Planning	46	0	3	0	0	49
436			Civil Environmental System	46	0	3	0	0	49
			Civil Engineering total	343	0	32	0	0	375
441		Architecture	Building Structure and Materials	66	0	6	0	0	72
442			Building Science and Building Equipment	45	0	1	0	0	46
443			City Planning and Building	69	0	3	0	0	72
444			Architectural History and Design	11	0	2	0	0	13
			Architecture total	191	0	12	0	0	203
451		Material Engineering	Physical Metallurgy	70	0	8	0	0	78
452			Inorganic Materials and	75	0	2	1	0	78
453			Composed Materials and	17	0	3	0	0	20
454			Structural and Functional	76	0	3	1	0	80
455			Metallurgy and Material	80	1	4	2	0	87
456			Metal Productive Engineering	44	0	1	0	0	45
			Material Engineering total	362	1	21	4	0	388
461		Process Engineering	Chemical Engineering in General	73	0	4	0	0	77
462			Reaction and Separation Engineering	49	0	4	0	0	53
463			Catalyst and Chemical Process	55	0	1	1	0	57
464			Bioengineering	63	0	3	0	0	66
465			Industrial Analytical Chemistry	36	0	2	0	0	38
			Process Engineering total	276	0	14	1	0	291
471		Industrial Chemistry	Industrial Physical Chemistry	86	0	2	0	0	88
472			Industrial Inorganic Chemistry	33	0	1	0	0	34
473			Industrial Organic Chemistry	22	0	0	0	0	22
474			Synthetic Chemistry	102	0	4	0	0	106
475			Polymer Synthesis	58	0	1	0	0	59
476			Polymer Structure and Property (inclu. Fiber)	65	0	2	1	0	68
			Industrial Chemistry total	366	0	10	1	0	377
481		Synthetic Engineering	Aeronautics	47	0	2	16	0	65
482			Ship Engineering	34	0	2	0	0	36
483			Marine Engineering	11	0	0	0	0	11
484			Resource Development	39	0	1	0	0	40
			Synthetic Engineering total	131	0	5	16	0	152
			ENGINEERING Total	3,423	7	244	59	0	3,733
501	A G R I C U L T U R E	Agriculture	Plant Breeding	35	0	1	0	0	36
502			Crop Science	22	0	0	0	0	22
503			Horticulture and Landscape Architecture	54	0	0	0	1	55
504			Plant Protection	43	0	0	0	0	43
505			Sericultural Science and Economic Entomology	9	0	0	0	0	9
			Agriculture total	163	0	1	0	1	165
511		Applied Microbiochemistry and Applied Biochemistry	Plant Fertilizer and Manure and Soil Science	24	0	0	0	0	24
512			Applied Microbiochemistry and Applied Biochemistry	91	0	4	0	0	95

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
513			Biological Productive Chemistry and Bioorganic Chemistry	37	0	0	0	0	37
514			Food Science and Nutritional Chemistry	70	0	1	0	0	71
	A		Agricultural Chemistry total	222	0	5	0	0	227
521	G		Forestry	58	0	0	0	0	58
522			Wood Science	48	0	0	0	0	48
			Forestry total	106	0	0	0	0	106
531	R		Fisheries in General	93	0	0	0	0	93
532			Fisheries Chemistry	30	0	0	0	0	30
	I		Fisheries total	123	0	0	0	0	123
541			Agricultural Economics	31	0	0	0	0	31
551	C		Irrigation, Drainage and Reclamation Engineering and	32	0	0	0	0	32
552	U		Agricultural Machinery	37	0	0	0	0	37
553			Biological Environment	15	0	0	0	0	15
	L		Agricultural Engineering total	84	0	0	0	0	84
561	T		Animal Science and Grassland Science	37	0	0	0	0	37
562	U		Applied Animal Science	45	0	0	0	0	45
563			Basic Veterinary Medicine and Basic Animal Science	37	0	0	0	0	37
564	R		Applied Veterinary Medicine	30	0	0	0	0	30
	E		Animal Science·Veterinary Medicine total	149	0	0	0	0	149
571			Biological Resource Science	10	0	0	0	0	10
572			Applied Molecular Cell Biology	8	0	0	1	0	9
			Interdisciplinary Agricultural Science total	18	0	0	1	0	19
			AGRICULTURE Total	896	0	6	1	1	904
601			Anatomy in General (inclu. Histology, Embryology)	43	0	0	0	0	43
602			Physiology in General	65	1	0	4	0	70
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	25	3	0	0	0	28
604			Pharmacology in General	42	0	0	0	0	42
605			Medical Chemistry in General	64	0	0	0	0	64
606			Pathological Medical Chemistry	31	0	0	0	0	31
	M		Physiology total	270	4	0	4	0	278
611	E		Hominal Pathology	60	1	0	0	0	61
612			Experimental Pathology	49	0	0	0	0	49
613	D		Parasitology (inclu. Medical)	20	0	0	0	0	20
614			Bacteriology (inclu. Eumycetes)	44	1	0	0	0	45
615	I		Virology	46	0	0	0	0	46
616			Immunology	76	0	0	0	0	76
			Pathology total	295	2	0	0	0	297
621	C		Hygiene	34	0	0	0	0	34
622			Public Health and Health Science	60	4	0	0	0	64
623	I		Legal Medicine	25	0	0	0	0	25
			Social Medicine total	119	4	0	0	0	123
631	N		Internal Medicine in General	70	1	0	0	0	71
632			Gastroenterology	110	0	0	0	0	110
633	E		Internal Medicine Respiratory System	59	3	0	0	0	62
634			Neurological Medicine	80	1	0	1	0	82
635			Cardioangiopathy	120	2	0	0	0	122
636			Pediatrics	97	0	0	0	1	98
637			Dermatology	54	0	0	0	0	54
638			Radiology	158	5	0	0	0	163
639			Neuropsychiatry	70	2	0	0	1	73
641			Hematology	64	3	0	0	0	67
642			Internal Medicine of Kidney	37	0	0	0	0	37
643			Embryology and Newborn	3	1	0	0	0	4
644			Endocrinology	38	1	0	0	0	39

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total	
645	M		Metabolic Science	46	0	0	0	0	46	
		Internal Medicine total	1,006	19	0	1	2	1,028		
651			Surgery in General	54	1	0	0	0	55	
652			Gastroenterological Surgery	80	1	0	0	0	81	
653			Thoracic Surgery	52	1	0	0	0	53	
654			Neurosurgery	78	0	0	0	0	78	
655			Orthopedic Surgery	150	4	0	0	0	154	
656			Anesthesiology and Rescue Medicine	106	0	0	0	0	106	
657			Urology	83	0	0	0	0	83	
658			Obstetrics and Gynecology	84	1	0	0	0	85	
659			Oto-rhino-laryngology	65	0	0	0	0	65	
660			Ophthalmology	84	0	0	0	0	84	
661			Pediatric Surgery	19	0	0	0	0	19	
662			Formative Surgery	7	0	0	0	0	7	
			Surgery total	862	8	0	0	0	870	
671		E		Oral Anatomy and Morphological Basic Dentistry	30	0	0	0	0	30
672		D		Functional Basic Dentistry	39	0	0	0	0	39
673		I		Morbid Dentistry (inclu. Dental Radiology)	25	0	0	0	0	25
674		C		Conservative Dentistry	61	0	0	0	0	61
675				Prosthodontics and Dental Technology	86	0	0	0	0	86
676		I		Oral Surgery	102	0	0	0	0	102
677		N		Orthodontics, Pedodontics and Social Dentistry	94	0	0	0	0	94
678				Periodontological Dentistry	36	0	0	0	0	36
		E		Dentistry total	473	0	0	0	0	473
681			Chemical Pharmaceutics	78	0	0	0	0	78	
682			Physical Pharmaceutics	40	0	0	0	0	40	
683			Biopharmaceutics	92	0	0	0	0	92	
684			Molecular Pharmaceutics	27	0	0	0	0	27	
685			Environmental Pharmaceutics	0	0	0	0	0	0	
			Pharmaceutics total	237	0	0	0	0	237	
691			Medical Sociology	14	1	0	0	0	15	
692			Human Genetics	20	0	0	0	0	20	
693			Applied Pharmacology and Medical Pharmacology	34	0	0	0	0	34	
694			Pathological Examination	22	5	0	0	0	27	
696			Science of Basic and Local Nursing	19	5	0	0	0	24	
697			Science of Clinical Nursing	37	9	0	0	0	46	
			Medicine in General total	146	20	0	0	0	166	
			MEDICINE Total	3,408	57	0	5	2	3,472	
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	8	0	0	0	0	8	
703			Physical Education	89	0	3	0	0	92	
704			Human Geography	29	0	0	0	0	29	
705			Physical Geography	26	0	0	0	0	26	
			Geography total	55	0	0	0	0	55	
706				Home Science(inclu. Cloth/Living Environments)	22	0	0	0	0	22
707				Food Culture	6	0	0	0	0	6
				Domestic Science total	28	0	0	0	0	28
708				Science of Cultural Property	3	0	0	0	2	5
711				Science Education	25	0	1	0	6	32
712				Educational Engineering	21	0	2	7	2	32
713				Curriculum Studies	63	3	2	0	1	69
714				Japanese Language Education	25	0	0	0	3	28
				Science Education·Curriculum Education total	134	3	5	7	12	161
721	A R E A		Statistics	31	0	0	5	0	36	
731			Computer Science	200	1	8	10	0	219	
732			Intelligent Informatics	154	1	14	7	0	176	

Table 28. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisio n	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
733			Study of Information System (Inclu. Library and Information)	38	0	1	9	0	48
			Information Science total	392	2	23	26	0	443
741			Social System Engineering	50	0	1	0	0	51
751			Natural Disaster Science	10	0	1	0	0	11
761			Plasma Science and Technology	69	0	2	19	0	90
772			Nuclear Fusion	30	0	1	13	0	44
773			Energy Science General	11	0	0	0	0	11
774			Nuclear Power Science	38	1	0	0	0	39
			Energy total	79	1	1	13	0	94
801			Environmental Dynamic Analysis	42	0	0	0	0	42
802			Environmental Influence Assessment (inclu. Radiobiology)	28	1	2	1	0	32
803			Environmental Preservation	36	0	0	0	0	36
			Environmental Science total	106	1	2	1	0	110
811			Biological Organic Chemistry	52	0	2	0	0	54
812			Structured Biochemistry	34	1	0	1	0	36
813			Functional Biochemistry	45	0	0	0	0	45
			Biological Chemistry total	131	1	2	1	0	135
821			Biophysics	59	0	2	8	0	69
822			Molecular Biology	151	1	0	13	0	165
823			Cell Biology	85	0	0	2	0	87
824			Developmental Biology	56	0	0	4	0	60
			Basic Biology total	351	1	2	27	0	381
831			Neuroanatomy and	24	1	0	0	0	25
832			Neurochemistry and Neuropharmacology	39	0	0	1	0	40
833			Neuro Science in General	59	0	2	5	0	66
834			Neuro and Muscular Physiology	37	1	0	4	0	42
			Neuro Science (inclu. Brain Science) total	159	2	2	10	0	173
841			Laboratory Animal Science	13	0	0	0	0	13
851			Medical Organism Engineering and Material Science of Organism	121	4	6	0	0	131
			INTERDISCIPLINARY AREA Total	1,829	15	50	109	14	2,017
999			WIDE AREA Total	61	2	1	2	1	67
			Item n.a. Total	111	0	0	3	0	114
			Grand Total	12,979	88	359	385	60	13,871

Table 29. Number of Researchers Who Have Participated in 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	0	0	1
217			Aesthetics (inclu. Arts)	5	2	0	7
218			Art History	1	1	0	2
			Philosophy total	12	4	0	16
221			Experimental Psychology	8	1	0	9
222			Educational and Social	10	1	0	11
223			Sociology	22	1	0	23
224			Education	8	0	0	8
225			Cultural Anthropology (inclu. Ethnology and Folklore)	5	1	0	6
			Psychology • Sociology • Education Cultural Anthropology total	53	4	0	57
231			Japanese History	3	1	0	4
232			Oriental History	7	0	0	7
233			European History	1	0	0	1
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	11	1	0	12
241			Japanese Language	0	0	0	0
242			Japanese Literature	2	0	0	2
243			Chinese Language and Literature	3	2	0	5
244			English Language and Literature	17	2	0	19
245			French Language and Literature	3	0	0	3
246			German Language and Literature	3	0	0	3
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	3	2	0	5
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	32	6	0	38
			ARTS • HUMANITIES Total	108	15	0	123
261	LAW		Basic Science of Law	3	0	0	3
262			Public Law	2	0	0	2
263			International Law	4	0	0	4
264			Civil Law	1	0	0	1
265			Social Law	1	0	0	1
266			Criminal Law	0	0	0	0
267			Politics	8	0	0	8
			LAW Total	19	0	0	19
271	ECONOMICS		General Theory of Economics	11	2	0	13
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	12	1	0	13
274			Economic History	2	0	0	2
275			Public Finance, Money and Banking	4	1	0	5
276			Commercial Science	4	0	0	4
277			Business Administration	6	1	0	7
278			Accounting	4	1	0	5
			ECONOMICS Total	43	6	0	49
301	SCIENCE		Algebra	6	0	0	6
302			Geometry	4	0	0	4
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	0	0	10
305			Basic Analysis	5	0	0	5
306			Larger-area Analysis	2	0	0	2
			Mathematics total	27	0	0	27
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	9	0	1	10

Table 29. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

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)	6	0	0	6
323			Solid-State Physics II (Magnetism, Metal Physics,	13	0	0	13
324			Physical Properties in General (inclu. Basic Theories)	4	0	0	4
325			Physics in General	10	0	1	11
			Physics total	42	0	2	44
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	2	0	0	2
336			Mineralogy, Petrology and Study of Mineral Deposit	1	0	0	1
337			Geochemistry	2	0	0	2
			Earth Science total	8	1	0	9
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	5	1	1	7
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	6	0	0	6
			Chemistry total	55	2	1	58
351			Genetics	7	0	0	7
352			Ecology	8	0	0	8
353			Plant Physiology	14	0	0	14
354			Morphology, Structure of Organism	1	0	0	1
355			Animal Physiology and	4	0	0	4
356			Morphology and Taxonomy	2	0	0	2
			Biology total	36	0	0	36
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
	SCIENCE Total			170	3	3	176
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	11	0	0	11
404			General Applied Physics	3	0	1	4
405			Fundamentals of Engineering	2	0	0	2
			Applied Physics-Fundamentals of Engineering total	23	0	3	26
411			Materials for Machines and Strength of Materials	11	0	1	12
412			Workshop Processes and Production Engineering	15	0	4	19
413			Design Engineering, Machine Elements and Tribology	2	0	2	4
414			Fluid Mechanics	11	0	3	14
415			Heat Engineering	8	0	1	9
416			Mechanics and Control Engineering	4	0	3	7
417			Intelligent Mechanics and Machine System	11	0	0	11
			Machine Engineering total	62	0	14	76
421			Electric Power Engineering and Electric Machinery	11	0	2	13
422			Electronic and Electric Materials Engineering	10	0	0	10
423			Electron Devices and Apparatus Engineering	15	0	0	15
424			Information and Communication Engineering	29	0	0	29

Table 29. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Total
425	E N G I N E E R I N G		System Engineering	4	0	0	4
427			Electronic Measurements	5	0	1	6
428			Control Engineering	14	0	4	18
			Electric and Electronic Engineering	88	0	7	95
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	3	0	0	3
434			Hydraulics and River Engineering	4	0	1	5
435			Traffic Engineering and Regional Planning	4	0	0	4
436			Civil Environmental System	2	1	0	3
			Civil Engineering total	17	1	1	19
441		N	Building Structure and Materials	13	0	0	13
442			Building Science and Building Equipment	9	2	1	12
443			City Planning and Building Planning	5	0	0	5
444		I	Architectural History and Design	1	0	0	1
			Architecture total	28	2	1	31
451		N	Physical Metallurgy	3	0	0	3
452			Inorganic Materials and	4	0	0	4
453			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	20	0	1	21
461		I	Chemical Engineering in General	2	0	0	2
462			Reaction and Separation Engineering	8	0	0	8
463			Catalyst and Chemical Process	2	0	0	2
464			Bioengineering	3	0	0	3
465			Industrial Analytical Chemistry	3	0	0	3
			Process Engineering total	18	0	0	18
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	8	0	0	8
475			Polymer Synthesis	9	0	0	9
476			Polymer Structure and Property (inclu. Fiber)	4	1	0	5
			Industrial Chemistry total	34	1	1	36
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	301	4	28	333
501	A G R I C U L T U R E		Plant Breeding	4	1	0	5
502			Crop Science	2	0	0	2
503			Horticulture and Landscape Architecture	6	0	0	6
504			Plant Protection	2	2	0	4
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	14	3	0	17
511			Plant Fertilizer and Manure and Soil Science	2	0	0	2
512			Applied Microbiochemistry and Applied Biochemistry	7	0	0	7
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	2
514			Food Science and Nutritional Chemistry	11	1	0	12

Table 29. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
	A		Agricultural Chemistry total	22	1	0	23
521			Forestry	2	0	0	2
522	G		Wood Science	3	0	0	3
			Forestry total	5	0	0	5
531	R		Fisheries in General	2	0	0	2
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	3	0	0	3
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	1	0	0	1
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	3	0	0	3
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	54	7	1	62
601			Anatomy in General (inclu. Histology, Embryology)	4	0	0	4
602			Physiology in General	12	1	0	13
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	9	0	0	9
604			Pharmacology in General	5	0	0	5
605			Medical Chemistry in General	6	1	0	7
606			Pathological Medical Chemistry	4	0	0	4
			Physiology total	40	2	0	42
611	M		Hominal Pathology	8	1	0	9
612			Experimental Pathology	7	0	0	7
613	E		Parasitology (inclu. Medical Zoology)	5	0	0	5
614	D		Bacteriology (inclu. Eumycetes)	11	0	0	11
615			Virology	8	0	0	8
616	I		Immunology	6	1	0	7
			Pathology total	45	2	0	47
621	C		Hygiene	6	2	0	8
622			Public Health and Health Science	19	0	0	19
623	I		Legal Medicine	3	0	0	3
			Social Medicine total	28	2	0	30
631	N		Internal Medicine in General	13	0	0	13
632			Gastroenterology	17	0	0	17
633	E		Internal Medicine Respiratory System	13	0	0	13
634			Neurological Medicine	5	0	0	5
635			Cardioangiopathy	19	0	0	19
636			Pediatrics	14	0	0	14
637			Dermatology	11	0	0	11
638			Radiology	14	0	0	14
639			Neuropsychiatry	9	0	0	9
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	4	0	0	4
645			Metabolic Science	9	1	0	10
			Internal Medicine total	144	3	0	147
651			Surgery in General	7	0	0	7
652			Gastroenterological Surgery	12	0	0	12
653			Thoracic Surgery	3	0	0	3

Table 29. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Total
654	M E		Neurosurgery	11	0	0	11
655			Orthopedic Surgery	28	1	0	29
656			Anesthesiology and Rescue	19	0	0	19
657			Urology	17	0	0	17
658			Obstetrics and Gynecology	13	0	0	13
659			Oto-rhino-laryngology	13	0	0	13
660			Ophthalmology	8	0	0	8
661			Pediatric Surgery	1	0	0	1
662			Formative Surgery	2	0	0	2
			Surgery total	134	1	0	135
671	D I C		Oral Anatomy and Morphological	2	0	0	2
672			Functional Basic Dentistry	1	0	0	1
673			Morbid Dentistry (inclu. Dental	3	0	0	3
674			Conservative Dentistry	6	0	0	6
675			Prosthodontics and Dental	3	0	0	3
676			Oral Surgery	14	0	0	14
677			Orthodontics, Pedodontics and	3	0	0	3
678			Periodontological Dentistry	2	0	0	2
			Dentistry total	34	0	0	34
681	E		Chemical Pharmaceutics	8	0	0	8
682			Physical Pharmaceutics	11	0	0	11
683			Biopharmaceutics	15	0	0	15
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	0	0	0	0
693			Applied Pharmacology and	0	0	0	0
694			Pathological Examination	2	2	0	4
696			Science of Basic and Local	11	1	0	12
697			Science of Clinical Nursing	19	4	0	23
			Medicine in General total	32	7	0	39
	MEDICINE Total			494	17	0	511
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	10	1	0	11
704			Human Geography	6	0	0	6
705			Physical Geography	6	0	0	6
			Geography total	12	0	0	12
706			Home Science(inclu. Cloth/Living Environments)	3	4	0	7
707			Food Culture	5	2	0	7
			Domestic Science total	8	6	0	14
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	1	0	2
714			Japanese Language Education	3	0	0	3
			Science Education·Curriculum Education total	7	1	0	8
721			Statistics	2	1	0	3
731	I N F O R M A T I O N S C I E N C E A R E A		Computer Science	15	0	0	15
732			Intelligent Informatics	14	0	0	14
733			Study of Information System (Inclu. Library and Information Science)	6	0	0	6
			Information Science total	35	0	0	35
741			Social System Engineering	12	1	0	13
751			Natural Disaster Science	1	0	0	1
761			Plasma Science and Technology	6	0	0	6
772			Nuclear Fusion	0	0	0	0
773			Energy Science General	4	0	0	4
774				Nuclear Power Science	0	0	0
		Energy total	4	0	0	4	
801	I N T E R D I S C I P L I N A R Y A R E A		Environmental Dynamic Analysis	5	0	0	5
802			Environmental Influence Assessment (inclu. Radiobiology)	5	0	0	5
803			Environmental Preservation	4	0	0	4

Table 29. Number of Researchers Who Have Participated in International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (Municipal Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Total
	L R D I S C I P L I N A R Y A R E A		Environmental Science total	14	0	0	14
811			Biological Organic Chemistry	5	0	0	5
812			Structured Biochemistry	7	0	0	7
813			Functional Biochemistry	4	1	0	5
			Biological Chemistry total	16	1	0	17
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			Neuroanatomy and Neuropathology	7	0	0	7
832			Neurochemistry and Neuropharmacology	6	0	0	6
833			Neuro Science in General	6	0	0	6
834			Neuro and Muscular Physiology	2	0	0	2
			Neuro Science (inclu. Brain Science) total	21	0	0	21
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	2	1	2	5
			INTERDISCIPLINARY AREA Total	178	12	2	192
999			WIDE AREA Total	8	1	0	9
			Item n.a. Total	12	0	0	12
			Grand Total	1,387	65	34	1,486

Table 30. Number of Researchers Who Have Participated in 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	38	1	0	0	39
212			Chinese Philosophy	12	2	0	0	14
213			Indian Philosophy (inclu. Buddhist Studies)	26	5	0	1	32
214			Religion	30	1	0	0	31
215			Ethics	10	0	0	0	10
216			History of Philosophy	19	0	0	0	19
217			Aesthetics (inclu. Arts)	59	14	0	0	73
218			Art History	18	1	0	0	19
			Philosophy total	212	24	0	1	237
221			Experimental Psychology	81	5	0	0	86
222			Educational and Social	127	24	0	0	151
223			Sociology	126	22	0	0	148
224			Education	77	22	0	0	99
225			Cultural Anthropology (inclu. Ethnology and Folklore)	46	1	0	1	48
			Psychology • Sociology • Education Cultural Anthropology total	457	74	0	1	532
231			Japanese History	30	0	0	1	31
232			Oriental History	40	2	0	0	42
233			European History	40	2	0	0	42
234			Archaeology (inclu. Prehistory)	20	0	0	0	20
			History total	130	4	0	1	135
241			Japanese Language	20	2	0	0	22
242			Japanese Literature	49	7	0	0	56
243			Chinese Language and Literature	55	2	0	0	57
244			English Language and Literature	200	26	0	0	226
245			French Language and Literature	36	0	0	0	36
246			German Language and Literature	40	0	0	0	40
247			Other Foreign Languages and Literatures	41	5	0	1	47
248			Linguistics and Phonetics	114	15	0	0	129
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	26	1	0	0	27
			Literature total	581	58	0	1	640
			ARTS • HUMANITIES Total	1,380	160	0	4	1,544
261	LAW		Basic Science of Law	16	2	0	0	18
262			Public Law	27	1	0	0	28
263			International Law	30	1	0	0	31
264			Civil Law	52	1	0	0	53
265			Social Law	14	0	0	0	14
266			Criminal Law	19	1	0	0	20
267			Politics	116	1	0	0	117
			LAW Total	274	7	0	0	281
271	ECONOMICS		General Theory of Economics	79	2	0	1	82
272			Economical Statistics	20	3	0	1	24
273			Economic Policy (inclu. Economic Condition)	114	2	0	2	118
274			Economic History	32	0	0	0	32
275			Public Finance, Money and Banking	39	3	0	0	42
276			Commercial Science	42	1	0	0	43
277			Business Administration	106	5	0	0	111
278			Accounting	53	1	0	0	54
			ECONOMICS Total	485	17	0	4	506
301	SCIENCE		Algebra	24	1	0	0	25
302			Geometry	33	1	0	0	34
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	57	4	0	0	61
305			Basic Analysis	30	0	0	1	31
306			Larger-area Analysis	26	1	0	0	27
			Mathematics total	170	7	0	1	178
311			Astronomy	6	0	0	0	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	64	5	0	0	69

Table 30. Number of Researchers Who Have Participated in 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
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	41	0	0	0	41
323			Solid-State Physics II (Magnetism, Metal Physics,	34	0	0	0	34
324			Physical Properties in General (inclu. Basic Theories)	26	3	0	0	29
325			Physics in General	31	1	0	0	32
			Physics total	196	9	0	0	205
331			Physics of Solid Earth	7	0	0	0	7
332			Meteorology, Oceanography and Hydrology	16	0	0	0	16
333			Aeronomy	7	0	0	0	7
334			Geology	6	0	0	1	7
335			Stratigraphy and Paleontology	5	0	0	2	7
336			Mineralogy, Petrology and Study of Mineral Deposit	6	0	0	0	6
337			Geochemistry	8	0	0	0	8
			Earth Science total	55	0	0	3	58
341			Physical Chemistry	70	2	0	1	73
342			Organic Chemistry	48	1	0	6	55
343			Inorganic Chemistry	39	0	0	0	39
344			Function, Properties and Materials in Chemistry	36	2	0	0	38
345			Substance Transformation	2	0	0	1	3
346			Separation, Refining and Identification	25	0	0	0	25
			Chemistry total	220	5	0	8	233
351			Genetics	5	0	0	0	5
352			Ecology	20	3	0	4	27
353			Plant Physiology	22	1	0	0	23
354			Morphology, Structure of Organism	13	1	0	1	15
355			Animal Physiology and	13	2	0	0	15
356			Morphology and Taxonomy	12	1	0	2	15
			Biology total	85	8	0	7	100
361			Physical Anthropology (inclu. Physiological Anthropology)	11	1	0	0	12
			SCIENCE Total	743	30	0	19	792
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	30	0	0	0	30
402			Surface Physics	19	0	0	1	20
403			Applied Optics and Quantum Optics	39	1	0	2	42
404			General Applied Physics	3	0	0	3	6
405			Fundamentals of Engineering	9	1	0	0	10
			Applied Physics-Fundamentals of Engineering total	100	2	0	6	108
411			Materials for Machines and Strength of Materials	64	1	0	0	65
412			Workshop Processes and Production Engineering	57	0	0	0	57
413			Design Engineering, Machine Elements and Tribology	21	0	0	0	21
414			Fluid Mechanics	64	2	0	0	66
415			Heat Engineering	54	1	0	0	55
416			Mechanics and Control Engineering	47	2	1	0	50
417			Intelligent Mechanics and Machine System	38	1	0	0	39
			Machine Engineering total	345	7	1	0	353
421			Electric Power Engineering and Electric Machinery	69	2	1	0	72
422			Electronic and Electric Materials Engineering	73	2	0	1	76
423			Electron Devices and Apparatus Engineering	68	1	0	0	69
424			Information and Communication Engineering	140	4	2	0	146

Table 30. Number of Researchers Who Have Participated in 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 N G I N E E R I N G		System Engineering	39	2	0	0	41
427			Electronic Measurements	37	2	0	0	39
428			Control Engineering	20	1	0	0	21
			Electric and Electronic Engineering	446	14	3	1	464
431			Construction Materials and Dynamics in General Civil Engineering	28	0	0	0	28
432			Structural Engineering and Seismology	28	3	0	0	31
433			Ground Engineering	23	0	0	0	23
434			Hydraulics and River Engineering	35	2	0	0	37
435			Traffic Engineering and Regional Planning	32	1	0	0	33
436			Civil Environmental System	26	0	0	0	26
			Civil Engineering total	172	6	0	0	178
441		N	Building Structure and Materials	57	0	0	0	57
442			Building Science and Building Equipment	40	0	0	0	40
443			City Planning and Building Planning	54	2	0	0	56
444			Architectural History and Design	23	1	0	0	24
			Architecture total	174	3	0	0	177
451		N	Physical Metallurgy	14	1	0	0	15
452			Inorganic Materials and	33	1	0	1	35
453			Composed Materials and Properties	12	0	0	0	12
454			Structural and Functional Materials	11	3	1	1	16
455		R	Metallurgy and Material	20	4	0	0	24
456			Metal Productive Engineering	8	1	0	0	9
			Material Engineering total	98	10	1	2	111
461		G	Chemical Engineering in General	17	0	0	0	17
462			Reaction and Separation Engineering	8	0	0	0	8
463			Catalyst and Chemical Process	11	0	0	0	11
464			Bioengineering	13	0	0	0	13
465			Industrial Analytical Chemistry	10	0	0	0	10
			Process Engineering total	59	0	0	0	59
471			Industrial Physical Chemistry	17	0	0	0	17
472			Industrial Inorganic Chemistry	8	0	0	0	8
473			Industrial Organic Chemistry	15	0	0	0	15
474			Synthetic Chemistry	20	1	0	0	21
475			Polymer Synthesis	23	0	0	0	23
476			Polymer Structure and Property (inclu. Fiber)	20	0	0	0	20
			Industrial Chemistry total	103	1	0	0	104
481			Aeronautics	8	1	0	0	9
482			Ship Engineering	2	1	0	0	3
483			Marine Engineering	10	0	1	0	11
484			Resource Development Engineering	4	0	0	0	4
			Synthetic Engineering total	24	2	1	0	27
			ENGINEERING Total	1,521	45	6	9	1,581
501	A G R I C U L T U R E		Plant Breeding	1	0	0	0	1
502			Crop Science	12	2	0	0	14
503			Horticulture and Landscape Architecture	8	1	0	0	9
504			Plant Protection	4	0	0	1	5
505			Sericultural Science and Economic Entomology	4	0	0	0	4
			Agriculture total	29	3	0	1	33
511			Plant Fertilizer and Manure and Soil Science	4	0	0	0	4
512			Applied Microbiochemistry and Applied Biochemistry	23	2	0	2	27
513			Biological Productive Chemistry and Bioorganic Chemistry	5	0	0	1	6
514			Food Science and Nutritional Chemistry	28	9	0	0	37

Table 30. Number of Researchers Who Have Participated in 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	60	11	0	3	74
521			Forestry	3	0	0	0	3
522	G		Wood Science	1	0	0	0	1
			Forestry total	4	0	0	0	4
531	R		Fisheries in General	13	0	0	0	13
532			Fisheries Chemistry	3	0	0	0	3
			Fisheries total	16	0	0	0	16
541	I		Agricultural Economics	11	1	0	0	12
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	7	0	0	0	7
552	U		Agricultural Machinery	1	0	0	0	1
553	L		Biological Environment	2	0	0	0	2
			Agricultural Engineering total	10	0	0	0	10
561	T		Animal Science and Grassland Science	9	0	0	0	9
562	U		Applied Animal Science	8	0	0	0	8
563	R		Basic Veterinary Medicine and Basic Animal Science	18	1	0	0	19
564			Applied Veterinary Medicine	17	0	0	1	18
	E		Animal Science·Veterinary Medicine total	52	1	0	1	54
571			Biological Resource Science	2	0	0	1	3
572			Applied Molecular Cell Biology	2	1	0	0	3
			Interdisciplinary Agricultural Science total	4	1	0	1	6
			AGRICULTURE Total	186	17	0	6	209
601			Anatomy in General (inclu. Histology, Embryology)	46	3	0	0	49
602			Physiology in General	26	3	0	0	29
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	28	4	0	0	32
604			Pharmacology in General	45	1	0	0	46
605			Medical Chemistry in General	36	0	0	2	38
606			Pathological Medical Chemistry	14	0	0	1	15
			Physiology total	195	11	0	3	209
611	M		Hominal Pathology	46	1	0	1	48
612			Experimental Pathology	12	1	0	3	16
613	E		Parasitology (inclu. Medical Zoology)	23	0	0	0	23
614	D		Bacteriology (inclu. Eumycetes)	28	1	0	1	30
615			Virology	15	0	0	1	16
616	I		Immunology	33	2	0	1	36
			Pathology total	157	5	0	7	169
621	C		Hygiene	35	2	0	1	38
622			Public Health and Health Science	60	11	0	1	72
623	I		Legal Medicine	13	0	0	0	13
			Social Medicine total	108	13	0	2	123
631	N		Internal Medicine in General	61	2	0	2	65
632			Gastroenterology	89	0	0	2	91
633	E		Internal Medicine Respiratory System	62	1	0	1	64
634			Neurological Medicine	37	2	0	0	39
635			Cardioangiopathy	112	2	0	2	116
636			Pediatrics	81	3	0	0	84
637			Dermatology	38	0	0	0	38
638			Radiology	95	1	0	0	96
639			Neuropsychiatry	77	5	0	0	82
641			Hematology	53	1	0	0	54
642			Internal Medicine of Kidney	38	0	0	0	38
643			Embryology and Newborn	4	0	0	0	4
644			Endocrinology	30	0	0	0	30
645			Metabolic Science	35	2	0	1	38
			Internal Medicine total	812	19	0	8	839
651			Surgery in General	51	0	0	1	52
652			Gastroenterological Surgery	87	0	0	5	92
653			Thoracic Surgery	54	1	0	0	55

Table 30. Number of Researchers Who Have Participated in 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
654	M		Neurosurgery	60	0	0	0	60
655			Orthopedic Surgery	100	0	0	0	100
656			Anesthesiology and Rescue Medicine	45	0	0	0	45
657			Urology	60	0	0	0	60
658			Obstetrics and Gynecology	76	0	0	0	76
659			Oto-rhino-laryngology	46	0	0	0	46
660			Ophthalmology	78	0	0	0	78
661			Pediatric Surgery	12	2	0	0	14
662			Formative Surgery	16	0	0	0	16
			Surgery total	685	3	0	6	694
671	E		Oral Anatomy and Morphological Basic Dentistry	58	1	0	0	59
672			Functional Basic Dentistry	53	0	0	0	53
673			Morbid Dentistry (inclu. Dental Radiology)	28	0	0	0	28
674			Conservative Dentistry	66	1	0	0	67
675			Prosthodontics and Dental Technology	99	1	0	0	100
676			Oral Surgery	92	0	0	0	92
677			Orthodontics, Pedodontics and Social Dentistry	85	0	0	0	85
678			Periodontological Dentistry	33	0	0	0	33
			Dentistry total	514	3	0	0	517
681	E		Chemical Pharmaceutics	77	1	0	0	78
682			Physical Pharmaceutics	42	0	0	0	42
683			Biopharmaceutics	104	0	0	4	108
684			Molecular Pharmaceutics	18	0	0	0	18
685			Environmental Pharmaceutics	6	0	0	0	6
			Pharmaceutics total	247	1	0	4	252
691			Medical Sociology	15	0	0	0	15
692			Human Genetics	5	1	0	0	6
693			Applied Pharmacology and Medical Pharmacology	33	0	0	0	33
694			Pathological Examination	17	1	0	0	18
696			Science of Basic and Local Nursing	17	3	0	0	20
697			Science of Clinical Nursing	17	2	0	0	19
			Medicine in General total	104	7	0	0	111
			MEDICINE Total	2,822	62	0	30	2,914
702	I	N	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	7	2	0	0	9
703			Physical Education	78	10	0	0	88
704			Human Geography	20	0	0	0	20
705			Physical Geography	11	1	0	0	12
			Geography total	31	1	0	0	32
706			Home Science (inclu. Cloth/Living Environments)	18	22	0	0	40
707			Food Culture	14	13	0	0	27
			Domestic Science total	32	35	0	0	67
708			Science of Cultural Property	0	0	0	0	0
711			Science Education	10	1	0	0	11
712	A	R	Educational Engineering	20	5	0	0	25
713			Curriculum Studies	30	8	0	0	38
714			Japanese Language Education	24	2	0	0	26
			Science Education·Curriculum Education total	84	16	0	0	100
721			Statistics	21	1	0	0	22
731			Computer Science	99	1	1	0	101
732			Intelligent Informatics	77	4	0	0	81
733	I		Study of Information System (Inclu. Library and Information Science)	62	1	0	1	64
			Information Science total	238	6	1	1	246
741			Social System Engineering	61	2	0	0	63
751			Natural Disaster Science	2	0	0	0	2
761			Plasma Science and Technology	18	0	0	0	18
772			Nuclear Fusion	1	1	0	1	3

Table 30. Number of Researchers Who Have Participated in 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	5	0	0	0	5
774			Nuclear Power Science	7	0	0	0	7
			Energy total	13	1	0	1	15
801	Radiation and Environment		Environmental Dynamic Analysis	16	1	0	0	17
802			Environmental Influence Assessment (inclu. Radiobiology)	13	0	0	2	15
803			Environmental Preservation	25	0	0	2	27
			Environmental Science total	54	1	0	4	59
811	Life Science		Biological Organic Chemistry	15	2	0	2	19
812			Structured Biochemistry	19	1	0	1	21
813			Functional Biochemistry	34	1	0	0	35
			Biological Chemistry total	68	4	0	3	75
821	Natural Science		Biophysics	18	0	0	0	18
822			Molecular Biology	49	1	0	1	51
823			Cell Biology	26	1	0	1	28
824			Developmental Biology	12	0	0	0	12
			Basic Biology total	105	2	0	2	109
831	Area		Neuroanatomy and Neuropathology	19	2	0	0	21
832			Neurochemistry and Neuropharmacology	26	1	0	1	28
833			Neuro Science in General	30	1	0	3	34
834			Neuro and Muscular Physiology	27	1	0	0	28
			Neuro Science (inclu. Brain Science) total	102	5	0	4	111
841			Laboratory Animal Science	0	0	0	5	5
851			Medical Organism Engineering and Material Science of Organism	67	5	0	0	72
	INTERDISCIPLINARY AREA Total			981	91	1	20	1,093
999	WIDE AREA Total			107	15	0	1	123
	Item n.a. Total			67	4	0	1	72
	Grand Total			8,566	448	7	94	9,115

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	10	11	13	1
212			Chinese Philosophy	6	9	2	1
213			Indian Philosophy (inclu. Buddhist Studies)	8	10	7	1
214			Religion	14	9	8	0
215			Ethics	3	2	5	2
216			History of Philosophy	4	4	5	0
217			Aesthetics (inclu. Arts)	25	24	6	9
218			Art History	17	2	6	0
			Philosophy total	87	71	52	14
221			Experimental Psychology	7	3	56	2
222			Educational and Social	15	14	61	1
223			Sociology	37	31	36	7
224			Education	27	28	43	9
225			Cultural Anthropology (inclu. Ethnology and Folklore)	17	21	19	3
			Psychology • Sociology • Education Cultural Anthropology total	103	97	215	22
231			Japanese History	11	10	6	2
232			Oriental History	22	22	15	4
233			European History	11	7	13	4
234			Archaeology (inclu. Prehistory)	12	4	11	3
			History total	56	43	45	13
241			Japanese Language	8	8	7	7
242			Japanese Literature	22	13	5	7
243			Chinese Language and Literature	12	7	6	5
244			English Language and Literature	20	30	21	4
245			French Language and Literature	2	10	9	2
246			German Language and Literature	4	11	12	2
247			Other Foreign Languages and Literatures	10	9	8	4
248			Linguistics and Phonetics	13	16	34	5
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	7	6	1	0
			Literature total	98	110	103	36
			ARTS • HUMANITIES Total	344	321	415	85
261	LAW		Basic Science of Law	5	7	7	1
262			Public Law	8	3	12	2
263			International Law	19	7	5	5
264			Civil Law	6	11	9	10
265			Social Law	1	3	3	3
266			Criminal Law	4	4	5	2
267			Politics	34	36	26	13
			LAW Total	77	71	67	36
271	ECONOMICS		General Theory of Economics	22	13	28	8
272			Economical Statistics	5	1	8	2
273			Economic Policy (inclu. Economic Condition)	45	29	29	27
274			Economic History	7	6	6	3
275			Public Finance, Money and Banking	10	9	8	6
276			Commercial Science	5	1	4	2
277			Business Administration	23	19	14	4
278			Accounting	6	3	12	0
			ECONOMICS Total	123	81	109	52
301	SCIENCE		Algebra	19	14	57	0
302			Geometry	15	9	59	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	10	88	0
305			Basic Analysis	8	9	75	3
306			Larger-area Analysis	7	8	46	1
			Mathematics total	59	50	325	6
311			Astronomy	7	8	45	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	30	22	177	5

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS・HUMANITIES		Philosophy	24	1	19	63
212			Chinese Philosophy	3	3	9	24
213			Indian Philosophy (inclu. Buddhist Studies)	16	4	12	40
214			Religion	15	4	15	49
215			Ethics	6	0	7	21
216			History of Philosophy	7	2	9	26
217			Aesthetics (inclu. Arts)	30	2	57	108
218			Art History	9	3	15	42
			Philosophy total	110	19	143	373
221			Experimental Psychology	56	10	72	169
222			Educational and Social	83	12	144	290
223			Sociology	71	15	110	229
224			Education	50	9	111	212
225			Cultural Anthropology (inclu. Ethnology and Folklore)	17	8	34	82
			Psychology・Sociology・Education Cultural Anthropology total	277	54	471	982
231			Japanese History	13	8	24	56
232			Oriental History	18	7	33	94
233			European History	18	5	36	73
234			Archaeology (inclu. Prehistory)	6	4	21	43
			History total	55	24	114	266
241			Japanese Language	8	1	15	42
242			Japanese Literature	18	2	31	78
243			Chinese Language and Literature	32	3	47	88
244			English Language and Literature	121	18	139	295
245			French Language and Literature	11	3	29	55
246			German Language and Literature	18	5	34	64
247			Other Foreign Languages and Literatures	17	4	37	74
248			Linguistics and Phonetics	89	5	75	195
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	13	1	20	37
			Literature total	327	42	427	928
			ARTS・HUMANITIES Total	769	139	1,155	2,549
261	LAW		Basic Science of Law	10	4	14	35
262			Public Law	14	5	19	46
263			International Law	16	12	20	57
264			Civil Law	22	19	31	76
265			Social Law	5	0	11	22
266			Criminal Law	7	2	11	26
267			Politics	48	18	66	174
			LAW Total	122	60	172	436
271	ECONOMICS		General Theory of Economics	44	13	49	133
272			Economical Statistics	18	3	7	31
273			Economic Policy (inclu. Economic Condition)	67	29	50	184
274			Economic History	21	1	17	47
275			Public Finance, Money and Banking	26	2	22	63
276			Commercial Science	25	4	18	51
277			Business Administration	58	9	61	141
278			Accounting	33	3	28	69
			ECONOMICS Total	292	64	252	719
301	SCIENCE		Algebra	14	5	22	102
302			Geometry	15	3	20	102
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	42	11	34	161
305			Basic Analysis	19	3	23	116
306			Larger-area Analysis	18	1	14	71
			Mathematics total	108	23	113	552
311			Astronomy	12	17	14	80
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	69	25	83	313

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	10	9	58	12
323			Solid-State Physics II (Magnetism, Metal Physics,	15	13	92	13
324			Physical Properties in General (inclu. Basic Theories)	17	10	42	3
325			Physics in General	15	11	41	10
			Physics total	87	65	410	43
331			Physics of Solid Earth	7	7	44	4
332			Meteorology, Oceanography and Hydrology	15	21	65	26
333			Aeronomy	2	5	29	1
334			Geology	2	3	10	4
335			Stratigraphy and Paleontology	1	4	9	3
336			Mineralogy, Petrology and Study of Mineral Deposit	4	4	26	5
337			Geochemistry	3	2	12	2
			Earth Science total	34	46	195	45
341			Physical Chemistry	22	9	101	13
342			Organic Chemistry	16	6	89	1
343			Inorganic Chemistry	4	2	48	5
344			Function, Properties and Materials in Chemistry	7	3	42	4
345			Substance Transformation	1	0	3	0
346			Separation, Refining and Identification	3	3	19	2
			Chemistry total	53	23	302	25
351			Genetics	6	13	24	1
352			Ecology	11	9	38	6
353			Plant Physiology	10	8	41	9
354			Morphology, Structure of Organism	7	7	17	3
355			Animal Physiology and	6	2	19	5
356			Morphology and Taxonomy	8	1	18	2
			Biology total	48	40	157	26
361			Physical Anthropology (inclu. Physiological Anthropology)	3	2	14	1
			SCIENCE Total	291	234	1,448	152
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	11	3	47	6
402			Surface Physics	3	5	25	7
403			Applied Optics and Quantum Optics	8	4	44	9
404			General Applied Physics	3	3	18	5
405			Fundamentals of Engineering	2	3	19	0
			Applied Physics·Fundamentals of Engineering total	27	18	153	27
411			Materials for Machines and Strength of Materials	8	6	58	8
412			Workshop Processes and Production Engineering	4	8	31	6
413			Design Engineering, Machine Elements and Tribology	1	4	19	1
414			Fluid Mechanics	10	9	55	8
415			Heat Engineering	7	10	38	9
416			Mechanics and Control Engineering	2	3	25	7
417			Intelligent Mechanics and Machine System	2	5	55	8
			Machine Engineering total	34	45	281	47
421			Electric Power Engineering and Electric Machinery	5	7	44	4
422			Electronic and Electric Materials Engineering	5	6	61	8
423			Electron Devices and Apparatus Engineering	9	6	61	11
424			Information and Communication Engineering	14	17	107	17

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

Code	Subj ect	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)	29	41	42	166
323			Solid-State Physics II (Magnetism, Metal Physics,	39	32	43	193
324			Physical Properties in General (inclu. Basic Theories)	29	16	23	95
325			Physics in General	25	21	35	118
			Physics total	191	135	226	885
331			Physics of Solid Earth	18	15	24	88
332			Meteorology, Oceanography and Hydrology	20	22	23	136
333			Aeronomy	10	1	6	38
334			Geology	1	4	25	46
335			Stratigraphy and Paleontology	7	3	18	35
336			Mineralogy, Petrology and Study of Mineral Deposit	8	9	26	65
337			Geochemistry	12	16	18	51
			Earth Science total	76	70	140	459
341			Physical Chemistry	68	61	97	291
342			Organic Chemistry	65	55	69	245
343			Inorganic Chemistry	44	24	54	148
344			Function, Properties and Materials in Chemistry	46	34	29	131
345			Substance Transformation	5	1	3	10
346			Separation, Refining and Identification	23	19	37	87
			Chemistry total	251	194	289	912
351			Genetics	8	12	15	57
352			Ecology	22	10	44	103
353			Plant Physiology	24	15	25	103
354			Morphology, Structure of Organism	10	6	14	54
355			Animal Physiology and	9	8	18	60
356			Morphology and Taxonomy	12	8	20	54
			Biology total	85	59	136	431
361			Physical Anthropology (inclu. Physiological Anthropology)	10	5	12	31
			SCIENCE Total	733	503	930	3,350
401			Applied Physics of Property and Crystallography	35	39	25	129
402			Surface Physics	24	20	19	76
403			Applied Optics and Quantum Optics	47	47	28	149
404			General Applied Physics	14	8	6	37
405			Fundamentals of Engineering	12	3	5	36
			Applied Physics·Fundamentals of Engineering total	132	117	83	427
411			Materials for Machines and Strength of Materials	69	92	42	229
412			Workshop Processes and Production Engineering	62	68	32	174
413			Design Engineering, Machine Elements and Tribology	24	33	17	84
414			Fluid Mechanics	67	90	53	239
415			Heat Engineering	56	70	37	176
416			Mechanics and Control Engineering	53	44	27	128
417			Intelligent Mechanics and Machine System	47	60	37	171
			Machine Engineering total	378	457	245	1,201
421			Electric Power Engineering and Electric Machinery	75	81	42	202
422			Electronic and Electric Materials Engineering	83	74	33	216
423			Electron Devices and Apparatus Engineering	85	91	35	234
424			Information and Communication Engineering	145	186	75	451

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	7	7	30	6
427			Electronic Measurements	4	3	21	2
428			Control Engineering	1	3	39	3
			Electric and Electronic Engineering	45	49	363	51
431			Construction Materials and Dynamics in General Civil Engineering	10	6	13	5
432			Structural Engineering and Seismology	7	3	21	0
433			Ground Engineering	7	5	20	4
434			Hydraulics and River Engineering	6	6	30	7
435			Traffic Engineering and Regional Planning	9	4	19	4
436			Civil Environmental System	8	6	19	12
			Civil Engineering total	47	30	122	32
441		G	Building Structure and Materials	8	11	30	9
442			Building Science and Building Equipment	6	4	12	6
443			City Planning and Building Planning	24	11	29	6
444			Architectural History and Design	9	9	8	2
			Architecture total	47	35	79	23
451		N	Physical Metallurgy	3	7	46	3
452			Inorganic Materials and	7	5	26	5
453			Composed Materials and Properties	4	3	9	3
454		E	Structural and Functional Materials	10	5	31	5
455			Metallurgy and Material	8	6	25	3
456			Metal Productive Engineering	4	2	13	3
			Material Engineering total	36	28	150	22
461		I	Chemical Engineering in General	6	8	22	3
462			Reaction and Separation Engineering	3	3	14	3
463			Catalyst and Chemical Process	5	3	18	4
464			Bioengineering	3	4	25	4
465			Industrial Analytical Chemistry	4	1	18	1
			Process Engineering total	21	19	97	15
471			Industrial Physical Chemistry	8	7	40	7
472			Industrial Inorganic Chemistry	1	1	16	3
473			Industrial Organic Chemistry	4	2	15	3
474			Synthetic Chemistry	12	5	37	7
475			Polymer Synthesis	8	3	22	8
476			Polymer Structure and Property (inclu. Fiber)	16	10	21	7
			Industrial Chemistry total	49	28	151	35
481			Aeronautics	2	5	25	5
482			Ship Engineering	3	2	13	5
483			Marine Engineering	3	1	6	1
484			Resource Development Engineering	4	4	20	3
			Synthetic Engineering total	12	12	64	14
			ENGINEERING Total	318	264	1,460	266
501	A G R I C U L T U R E		Plant Breeding	5	3	19	1
502			Crop Science	4	4	8	2
503			Horticulture and Landscape Architecture	9	2	20	2
504			Plant Protection	3	5	18	0
505			Sericultural Science and Economic Entomology	3	1	4	1
			Agriculture total	24	15	69	6
511			Plant Fertilizer and Manure and Soil Science	3	4	14	3
512			Applied Microbiochemistry and Applied Biochemistry	12	6	39	14
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	16	1
514			Food Science and Nutritional Chemistry	12	9	18	5

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

Code	Subj ect	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	22	19	107
427			Electronic Measurements	40	43	23	111
428			Control Engineering	31	39	36	120
			Electric and Electronic Engineering	502	536	263	1,441
431			Construction Materials and Dynamics in General Civil Engineering	26	36	14	83
432			Structural Engineering and Seismology	33	46	17	99
433			Ground Engineering	28	43	24	99
434			Hydraulics and River Engineering	34	62	31	127
435			Traffic Engineering and Regional Planning	28	34	25	86
436			Civil Environmental System	14	31	19	78
			Civil Engineering total	163	252	130	572
441		N	Building Structure and Materials	50	49	38	142
442			Building Science and Building Equipment	29	29	29	98
443			City Planning and Building Planning	38	21	54	133
444		I	Architectural History and Design	4	7	15	38
			Architecture total	121	106	136	411
451		N	Physical Metallurgy	23	40	11	96
452			Inorganic Materials and	34	49	25	117
453			Composed Materials and Properties	12	15	8	38
454		E	Structural and Functional Materials	27	41	12	100
455		R	Metallurgy and Material	26	66	12	114
456			Metal Productive Engineering	12	29	3	55
			Material Engineering total	134	240	71	520
461		G	Chemical Engineering in General	30	54	16	96
462			Reaction and Separation Engineering	23	34	9	69
463			Catalyst and Chemical Process	18	37	6	70
464			Bioengineering	21	28	15	82
465			Industrial Analytical Chemistry	10	22	8	51
			Process Engineering total	102	175	54	368
471			Industrial Physical Chemistry	37	48	20	114
472			Industrial Inorganic Chemistry	11	18	8	44
473			Industrial Organic Chemistry	12	12	6	40
474			Synthetic Chemistry	31	45	39	135
475			Polymer Synthesis	38	38	23	91
476			Polymer Structure and Property (inclu. Fiber)	33	35	21	93
			Industrial Chemistry total	162	196	117	517
481			Aeronautics	23	28	17	80
482			Ship Engineering	7	22	12	41
483			Marine Engineering	8	11	4	25
484			Resource Development Engineering	8	21	2	44
			Synthetic Engineering total	46	82	35	190
			ENGINEERING Total	1,740	2,161	1,134	5,647
501	A G R I C U L T U R E		Plant Breeding	5	8	11	42
502			Crop Science	8	4	9	28
503			Horticulture and Landscape Architecture	12	14	32	75
504			Plant Protection	11	17	21	56
505			Sericultural Science and Economic Entomology	4	0	6	14
			Agriculture total	40	43	79	215
511			Plant Fertilizer and Manure and Soil Science	5	6	5	30
512			Applied Microbiochemistry and Applied Biochemistry	33	47	26	129
513			Biological Productive Chemistry and Bioorganic Chemistry	10	22	8	45
514			Food Science and Nutritional Chemistry	30	47	39	120

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	30	20	87	23
521			Forestry	10	13	26	8
522	G		Wood Science	3	4	18	2
			Forestry total	13	17	44	10
531	R		Fisheries in General	13	7	46	6
532			Fisheries Chemistry	2	3	17	0
			Fisheries total	15	10	63	6
541	I		Agricultural Economics	5	12	11	4
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	3	14	4
552	U		Agricultural Machinery	3	1	18	0
553	L		Biological Environment	1	0	6	2
			Agricultural Engineering total	7	4	38	6
561	T		Animal Science and Grassland Science	4	0	10	3
562	U		Applied Animal Science	6	4	20	3
563	R		Basic Veterinary Medicine and Basic Animal Science	5	7	14	1
564			Applied Veterinary Medicine	5	3	9	3
	E		Animal Science·Veterinary Medicine total	20	14	53	10
571			Biological Resource Science	2	2	7	3
572			Applied Molecular Cell Biology	3	1	6	3
			Interdisciplinary Agricultural Science total	5	3	13	6
			AGRICULTURE Total	119	95	378	71
601			Anatomy in General (inclu. Histology, Embryology)	9	5	21	6
602			Physiology in General	5	4	34	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	8	1	20	2
604			Pharmacology in General	10	5	24	0
605			Medical Chemistry in General	14	14	37	2
606			Pathological Medical Chemistry	5	5	21	4
			Physiology total	51	34	157	16
611	M		Hominal Pathology	10	7	17	4
612			Experimental Pathology	6	8	16	7
613	E		Parasitology (inclu. Medical Zoology)	6	4	19	5
614	D		Bacteriology (inclu. Eumycetes)	8	9	22	8
615			Virology	14	6	25	11
616	I		Immunology	14	11	43	4
			Pathology total	58	45	142	39
621	C		Hygiene	6	5	16	5
622			Public Health and Health Science	18	17	17	13
623	I		Legal Medicine	2	2	7	6
			Social Medicine total	26	24	40	24
631	N		Internal Medicine in General	17	11	23	8
632			Gastroenterology	22	19	25	2
633	E		Internal Medicine Respiratory System	13	8	12	4
634			Neurological Medicine	11	13	29	8
635			Cardioangiopathy	35	14	28	1
636			Pediatrics	22	11	24	1
637			Dermatology	15	10	9	2
638			Radiology	29	16	24	1
639			Neuropsychiatry	18	12	14	2
641			Hematology	11	3	23	3
642			Internal Medicine of Kidney	10	5	9	3
643			Embryology and Newborn	2	1	0	0
644			Endocrinology	4	5	7	2
645			Metabolic Science	7	7	12	0
			Internal Medicine total	216	135	239	37
651			Surgery in General	12	7	9	2
652			Gastroenterological Surgery	18	18	19	1
653			Thoracic Surgery	12	3	7	3

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

Code	Subj ect	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	78	122	78	324
521			Forestry	9	15	30	63
522	G		Wood Science	17	20	14	52
			Forestry total	26	35	44	115
531	R		Fisheries in General	21	15	33	108
532			Fisheries Chemistry	5	13	5	34
			Fisheries total	26	28	38	142
541	I		Agricultural Economics	7	3	16	46
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	7	14	12	41
552	U		Agricultural Machinery	5	14	12	39
553	L		Biological Environment	5	5	6	20
			Agricultural Engineering total	17	33	30	100
561	T		Animal Science and Grassland Science	9	13	12	46
562	U		Applied Animal Science	15	17	12	54
563	R		Basic Veterinary Medicine and Basic Animal Science	17	10	14	58
564			Applied Veterinary Medicine	15	7	12	48
	E		Animal Science·Veterinary Medicine total	56	47	50	206
571			Biological Resource Science	2	2	3	13
572			Applied Molecular Cell Biology	3	3	3	14
			Interdisciplinary Agricultural Science total	5	5	6	27
			AGRICULTURE Total	255	316	341	1,175
601			Anatomy in General (inclu. Histology, Embryology)	29	14	33	96
602			Physiology in General	20	22	45	112
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	23	9	31	69
604			Pharmacology in General	27	23	27	93
605			Medical Chemistry in General	24	18	26	109
606			Pathological Medical Chemistry	10	8	15	50
			Physiology total	133	94	177	529
611	M		Hominal Pathology	23	25	55	118
612			Experimental Pathology	15	20	27	72
613	E		Parasitology (inclu.Medical Zoology)	8	6	16	48
614	D		Bacteriology (inclu. Eumycetes)	17	21	32	86
615			Virology	18	15	23	70
616	I		Immunology	30	25	33	119
			Pathology total	111	112	186	513
621	C		Hygiene	20	15	41	80
622			Public Health and Health Science	29	30	84	155
623	I		Legal Medicine	9	7	19	41
			Social Medicine total	58	52	144	276
631	N		Internal Medicine in General	32	21	82	149
632			Gastroenterology	28	33	141	218
633	E		Internal Medicine Respiratory System	26	14	80	139
634			Neurological Medicine	20	19	60	126
635			Cardioangiopathy	51	48	149	257
636			Pediatrics	40	21	111	196
637			Dermatology	29	23	36	103
638			Radiology	93	52	125	273
639			Neuropsychiatry	40	26	87	164
641			Hematology	22	31	66	132
642			Internal Medicine of Kidney	10	17	45	82
643			Embryology and Newborn	1	2	5	8
644			Endocrinology	6	15	45	73
645			Metabolic Science	23	14	55	94
			Internal Medicine total	421	336	1,087	2,014
651			Surgery in General	17	16	75	114
652			Gastroenterological Surgery	50	20	114	185
653			Thoracic Surgery	23	18	66	111

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	23	8	8	0
655			Orthopedic Surgery	27	14	24	2
656			Anesthesiology and Rescue Medicine	12	9	34	1
657			Urology	14	10	8	1
658			Obstetrics and Gynecology	21	16	10	6
659			Oto-rhino-laryngology	4	7	19	2
660			Ophthalmology	8	12	13	0
661			Pediatric Surgery	1	1	5	0
662			Formative Surgery	2	2	1	0
			Surgery total	154	107	157	18
671	E		Oral Anatomy and Morphological Basic Dentistry	3	4	19	1
672	D		Functional Basic Dentistry	5	2	24	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	9	1
674	C		Conservative Dentistry	8	7	19	1
675			Prosthodontics and Dental Technology	9	7	31	0
676	I		Oral Surgery	11	18	28	2
677	N		Orthodontics, Pedodontics and Social Dentistry	13	13	25	1
678			Periodontological Dentistry	5	2	20	0
	E		Dentistry total	55	53	175	8
681			Chemical Pharmaceuticals	16	9	36	3
682			Physical Pharmaceuticals	10	6	23	3
683			Biopharmaceutics	25	11	35	7
684			Molecular Pharmaceuticals	6	1	10	2
685			Environmental Pharmaceuticals	1	0	0	0
		Pharmaceutics total	58	27	104	15	
691			Medical Sociology	4	4	4	3
692			Human Genetics	1	1	12	0
693			Applied Pharmacology and Medical Pharmacology	6	2	4	2
694			Pathological Examination	5	2	6	3
696			Science of Basic and Local Nursing	2	2	7	1
697			Science of Clinical Nursing	3	6	10	3
			Medicine in General total	21	17	43	12
	MEDICINE Total			639	442	1,057	169
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	2	4	1
703			Physical Education	14	16	36	3
704			Human Geography	4	4	14	2
705			Physical Geography	1	1	10	3
			Geography total	5	5	24	5
706			Home Science(inclu. Cloth/Living Environments)	2	2	11	1
707			Food Culture	1	0	5	0
			Domestic Science total	3	2	16	1
708			Science of Cultural Property	0	1	2	2
711			Science Education	8	5	13	3
712			Educational Engineering	5	2	19	2
713			Curriculum Studies	9	12	22	2
714			Japanese Language Education	4	2	9	3
			Science Education·Curriculum Education total	26	21	63	10
721			Statistics	5	1	25	2
731			Computer Science	13	12	116	17
732			Intelligent Informatics	8	2	92	16
733			Study of Information System (Inclu. Library and Information Science)	12	9	33	8
			Information Science total	33	23	241	41
741			Social System Engineering	8	4	35	7
751			Natural Disaster Science	5	1	8	4
761			Plasma Science and Technology	5	6	59	2
772				Nuclear Fusion	1	1	30

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	32	17	95	149
655			Orthopedic Surgery	34	38	214	283
656			Anesthesiology and Rescue Medicine	25	22	94	170
657			Urology	50	30	77	160
658			Obstetrics and Gynecology	28	18	109	174
659			Oto-rhino-laryngology	25	25	61	124
660			Ophthalmology	43	16	101	170
661			Pediatric Surgery	8	4	26	34
662			Formative Surgery	10	1	13	25
			Surgery total	345	225	1,045	1,699
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	38	4	30	91
672			Functional Basic Dentistry	38	13	23	93
673			Morbid Dentistry (inclu. Dental Radiology)	26	5	16	56
674			Conservative Dentistry	49	13	56	134
675			Prosthodontics and Dental Technology	63	19	81	189
676			Oral Surgery	65	9	110	208
677			Orthodontics, Pedodontics and Social Dentistry	57	20	88	182
678			Periodontological Dentistry	26	10	27	71
			Dentistry total	362	93	431	1,024
681			Chemical Pharmaceutics	79	50	20	164
682			Physical Pharmaceutics	46	22	15	93
683			Biopharmaceutics	88	65	33	215
684			Molecular Pharmaceutics	27	8	8	48
685			Environmental Pharmaceutics	5	1	0	6
			Pharmaceutics total	245	146	76	526
691			Medical Sociology	12	6	8	30
692			Human Genetics	6	1	6	26
693			Applied Pharmacology and Medical Pharmacology	33	15	18	67
694			Pathological Examination	10	15	19	49
696			Science of Basic and Local Nursing	12	4	35	56
697			Science of Clinical Nursing	17	3	53	88
			Medicine in General total	90	44	139	316
			MEDICINE Total	1,765	1,102	3,285	6,897
702	I N T E R D I S C I P L I N A R Y	A R E A	History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	10	1	12	19
703			Physical Education	50	17	93	191
704			Human Geography	13	2	33	55
705			Physical Geography	5	4	25	44
			Geography total	18	6	58	99
706			Home Science(inclu. Cloth/Living Environments)	16	5	39	69
707			Food Culture	14	3	24	40
			Domestic Science total	30	8	63	109
708			Science of Cultural Property	2	1	1	5
711			Science Education	9	2	17	43
712			Educational Engineering	14	11	14	60
713			Curriculum Studies	16	2	69	109
714			Japanese Language Education	12	6	33	57
			Science Education·Curriculum Education total	51	21	133	269
721			Statistics	21	10	12	61
731			Computer Science	93	109	57	335
732			Intelligent Informatics	84	86	59	271
733			Study of Information System (Inclu. Library and Information Science)	44	33	28	118
			Information Science total	221	228	144	724
741			Social System Engineering	46	21	40	127
751			Natural Disaster Science	5	6	6	14
761			Plasma Science and Technology	21	29	23	114
772			Nuclear Fusion	7	19	9	47

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	Nuclear Energy Research Division		Energy Science General	1	3	9	3
774			Nuclear Power Science	1	4	17	3
			Energy total	3	8	56	7
801			Environmental Dynamic Analysis	8	5	20	12
802			Environmental Influence Assessment (inclu. Radiobiology)	8	1	18	2
803			Environmental Preservation	10	8	10	9
			Environmental Science total	26	14	48	23
811			Biological Organic Chemistry	5	1	22	3
812			Structured Biochemistry	6	1	20	3
813			Functional Biochemistry	9	4	21	4
			Biological Chemistry total	20	6	63	10
821	Natural Science Research Area		Biophysics	10	8	39	10
822			Molecular Biology	14	19	110	18
823			Cell Biology	13	6	50	5
824			Developmental Biology	12	5	30	4
			Basic Biology total	49	38	229	37
831			Neuroanatomy and Neuropathology	2	6	16	2
832			Neurochemistry and Neuropharmacology	3	5	25	7
833			Neuro Science in General	11	9	47	3
834			Neuro and Muscular Physiology	7	0	28	4
			Neuro Science (inclu. Brain Science) total	23	20	116	16
841			Laboratory Animal Science	3	0	4	4
851			Medical Organism Engineering and Material Science of Organism	15	6	77	12
	INTERDISCIPLINARY AREA Total			245	174	1,106	187
999	WIDE AREA Total			42	34	28	10
	Item n.a. Total			20	18	38	6
	Grand Total			2,218	1,734	6,106	1,034

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	3	6	7	20
774			Nuclear Power Science	9	26	7	46
	E		Energy total	19	51	23	113
801	R		Environmental Dynamic Analysis	18	20	14	64
802			Environmental Influence Assessment (inclu. Radiobiology)	9	13	17	52
803	S		Environmental Preservation	21	23	19	67
	C		Environmental Science total	48	56	50	183
811	I		Biological Organic Chemistry	20	19	25	78
812			Structured Biochemistry	18	17	12	64
813	P		Functional Biochemistry	22	15	22	85
	I		Biological Chemistry total	60	51	59	227
821	N		Biophysics	19	20	23	96
822			Molecular Biology	32	36	51	222
823	R		Cell Biology	22	20	30	123
824	Y		Developmental Biology	9	7	20	75
			Basic Biology total	82	83	124	516
831	A		Neuroanatomy and Neuropathology	7	8	25	53
832			Neurochemistry and Neuropharmacology	19	11	16	74
833			Neuro Science in General	22	17	29	106
834			Neuro and Muscular Physiology	11	13	21	72
			Neuro Science (inclu. Brain Science) total	59	49	91	305
841			Laboratory Animal Science	8	7	0	18
851			Medical Organism Engineering and Material Science of Organism	55	49	55	208
	INTERDISCIPLINARY AREA Total			806	694	987	3,302
999	WIDE AREA Total			61	33	101	199
	Item n.a. Total			61	39	75	198
	Grand Total			6,604	5,111	8,432	24,472

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	3	5	11	1
212			Chinese Philosophy	3	2	2	1
213			Indian Philosophy (inclu. Buddhist Studies)	2	3	6	0
214			Religion	3	1	6	0
215			Ethics	2	1	4	2
216			History of Philosophy	1	0	2	0
217			Aesthetics (inclu. Arts)	8	9	3	1
218			Art History	11	2	4	0
			Philosophy total	33	23	38	5
221			Experimental Psychology	2	1	41	0
222			Educational and Social	5	7	45	0
223			Sociology	8	10	15	3
224			Education	13	14	38	4
225			Cultural Anthropology (inclu. Ethnology and Folklore)	7	6	13	0
			Psychology • Sociology • Education Cultural Anthropology total	35	38	152	7
231			Japanese History	5	5	3	0
232			Oriental History	11	12	11	2
233			European History	7	1	10	2
234			Archaeology (inclu. Prehistory)	6	3	8	2
			History total	29	21	32	6
241			Japanese Language	4	4	6	2
242			Japanese Literature	5	3	3	3
243			Chinese Language and Literature	6	0	4	1
244			English Language and Literature	2	4	12	1
245			French Language and Literature	2	3	4	2
246			German Language and Literature	0	4	9	0
247			Other Foreign Languages and Literatures	6	3	8	1
248			Linguistics and Phonetics	6	4	25	3
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	2	1	0
			Literature total	33	27	72	13
			ARTS • HUMANITIES Total	130	109	294	31
261	LAW		Basic Science of Law	2	3	4	1
262			Public Law	2	2	3	1
263			International Law	8	4	2	3
264			Civil Law	2	3	3	1
265			Social Law	0	1	1	1
266			Criminal Law	0	2	2	0
267			Politics	8	7	10	4
			LAW Total	22	22	25	11
271	ECONOMICS		General Theory of Economics	10	5	13	2
272			Economical Statistics	1	0	3	0
273			Economic Policy (inclu. Economic Condition)	9	8	19	9
274			Economic History	3	3	3	1
275			Public Finance, Money and Banking	2	3	6	2
276			Commercial Science	0	0	2	0
277			Business Administration	7	1	8	0
278			Accounting	1	1	5	0
			ECONOMICS Total	33	21	59	14
301	SCIENCE		Algebra	18	7	41	0
302			Geometry	7	5	41	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	10	10	63	0
305			Basic Analysis	5	7	58	3
306			Larger-area Analysis	5	6	32	1
			Mathematics total	45	35	235	5
311			Astronomy	7	8	44	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	21	14	153	3

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	0	0	9	23
212			Chinese Philosophy	0	1	2	7
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	2	8
214			Religion	2	3	5	17
215			Ethics	0	0	4	10
216			History of Philosophy	0	2	1	6
217			Aesthetics (inclu. Arts)	2	1	19	28
218			Art History	3	2	6	21
		Philosophy total		8	9	48	120
221			Experimental Psychology	6	6	35	74
222			Educational and Social	6	7	74	128
223			Sociology	1	5	30	58
224			Education	6	4	59	105
225			Cultural Anthropology (inclu. Ethnology and Folklore)	3	3	12	28
		Psychology • Sociology • Education Cultural Anthropology total		22	25	210	393
231			Japanese History	0	2	10	21
232			Oriental History	2	4	19	45
233			European History	2	3	14	30
234			Archaeology (inclu. Prehistory)	3	4	11	23
		History total		7	13	54	119
241			Japanese Language	1	0	7	20
242			Japanese Literature	0	0	11	20
243			Chinese Language and Literature	5	1	22	26
244			English Language and Literature	9	5	28	50
245			French Language and Literature	0	0	10	16
246			German Language and Literature	4	2	12	21
247			Other Foreign Languages and Literatures	1	2	14	26
248			Linguistics and Phonetics	9	3	27	61
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	7	10
		Literature total		29	13	138	250
	ARTS • HUMANITIES Total			66	60	450	882
261	LAW		Basic Science of Law	1	2	5	14
262			Public Law	3	1	10	16
263			International Law	2	10	6	22
264			Civil Law	1	8	11	22
265			Social Law	0	0	5	7
266			Criminal Law	1	1	2	6
267			Politics	2	9	26	49
	LAW Total		10	31	65	136	
271	ECONOMICS		General Theory of Economics	5	6	17	38
272			Economical Statistics	2	1	4	7
273			Economic Policy (inclu. Economic Condition)	12	10	15	53
274			Economic History	5	1	4	13
275			Public Finance, Money and Banking	0	1	10	16
276			Commercial Science	0	1	1	4
277			Business Administration	2	4	8	23
278			Accounting	0	1	4	10
	ECONOMICS Total		26	25	63	164	
301	SCIENCE		Algebra	2	5	20	71
302			Geometry	3	2	16	64
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	5	10	18	90
305			Basic Analysis	3	3	18	80
306			Larger-area Analysis	3	1	9	42
		Mathematics total		16	21	81	347
311		Astronomy		7	17	13	74
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	30	22	69	234	

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	8	7	51	11
323			Solid-State Physics II (Magnetism, Metal Physics,	13	13	82	11
324			Physical Properties in General (inclu. Basic Theories)	15	9	34	3
325			Physics in General	12	6	31	10
			Physics total	69	49	351	38
331			Physics of Solid Earth	7	7	44	3
332			Meteorology, Oceanography and Hydrology	15	21	60	22
333			Aeronomy	1	3	27	0
334			Geology	2	1	9	2
335			Stratigraphy and Paleontology	0	2	8	1
336			Mineralogy, Petrology and Study of Mineral Deposit	4	4	25	4
337			Geochemistry	2	2	11	2
			Earth Science total	31	40	184	34
341			Physical Chemistry	11	6	85	13
342			Organic Chemistry	12	4	73	1
343			Inorganic Chemistry	3	2	37	4
344			Function, Properties and Materials in Chemistry	4	3	36	3
345			Substance Transformation	1	0	3	0
346			Separation, Refining and Identification	2	3	17	2
			Chemistry total	33	18	251	23
351			Genetics	6	8	19	1
352			Ecology	5	9	33	3
353			Plant Physiology	7	6	36	5
354			Morphology, Structure of Organism	5	6	13	2
355			Animal Physiology and	5	1	18	4
356			Morphology and Taxonomy	6	1	16	2
			Biology total	34	31	135	17
361			Physical Anthropology (inclu. Physiological Anthropology)	2	1	11	0
	SCIENCE Total			221	182	1,211	123
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	6	3	39	6
402			Surface Physics	2	3	24	5
403			Applied Optics and Quantum Optics	4	4	37	7
404			General Applied Physics	2	3	16	4
405			Fundamentals of Engineering	1	1	17	0
			Applied Physics·Fundamentals of Engineering total	15	14	133	22
411			Materials for Machines and Strength of Materials	6	3	48	5
412			Workshop Processes and Production Engineering	3	5	23	5
413			Design Engineering, Machine Elements and Tribology	0	3	16	0
414			Fluid Mechanics	8	6	47	5
415			Heat Engineering	2	8	31	6
416			Mechanics and Control Engineering	0	2	19	6
417			Intelligent Mechanics and Machine System	1	2	45	6
			Machine Engineering total	20	29	229	33
421			Electric Power Engineering and Electric Machinery	2	5	36	4
422			Electronic and Electric Materials Engineering	3	2	42	5
423			Electron Devices and Apparatus Engineering	7	2	52	7
424			Information and Communication Engineering	6	9	81	9

Table 32. Number of Researchers Who Have Participated in 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)	8	34	32	119
323			Solid-State Physics II (Magnetism, Metal Physics,	13	29	35	146
324			Physical Properties in General (inclu. Basic Theories)	12	11	15	62
325			Physics in General	4	16	26	75
			Physics total	67	112	177	636
331			Physics of Solid Earth	13	13	24	81
332			Meteorology, Oceanography and Hydrology	15	19	18	117
333			Aeronomy	6	1	5	31
334			Geology	0	4	21	38
335			Stratigraphy and Paleontology	2	2	15	26
336			Mineralogy, Petrology and Study of Mineral Deposit	5	8	24	58
337			Geochemistry	5	14	16	41
			Earth Science total	46	61	123	392
341			Physical Chemistry	14	58	74	200
342			Organic Chemistry	22	49	53	171
343			Inorganic Chemistry	18	23	39	102
344			Function, Properties and Materials in Chemistry	10	28	23	86
345			Substance Transformation	2	1	2	6
346			Separation, Refining and Identification	6	15	26	56
			Chemistry total	72	174	217	621
351			Genetics	6	9	15	45
352			Ecology	8	8	32	68
353			Plant Physiology	10	14	12	66
354			Morphology, Structure of Organism	5	5	11	38
355			Animal Physiology and	1	5	12	41
356			Morphology and Taxonomy	4	6	16	37
			Biology total	34	47	98	295
361			Physical Anthropology (inclu. Physiological Anthropology)	4	4	6	17
			SCIENCE Total	246	436	715	2,382
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	16	32	16	91
402			Surface Physics	10	19	13	55
403			Applied Optics and Quantum Optics	17	36	15	96
404			General Applied Physics	8	7	4	27
405			Fundamentals of Engineering	3	3	5	24
			Applied Physics·Fundamentals of Engineering total	54	97	53	293
411			Materials for Machines and Strength of Materials	26	76	26	152
412			Workshop Processes and Production Engineering	16	55	12	98
413			Design Engineering, Machine Elements and Tribology	7	30	14	59
414			Fluid Mechanics	18	76	36	159
415			Heat Engineering	16	58	26	112
416			Mechanics and Control Engineering	11	35	22	71
417			Intelligent Mechanics and Machine System	24	54	25	121
			Machine Engineering total	118	384	161	772
421			Electric Power Engineering and Electric Machinery	21	60	26	117
422			Electronic and Electric Materials Engineering	30	56	16	130
423			Electron Devices and Apparatus Engineering	38	70	16	150
424			Information and Communication Engineering	57	133	49	276

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	3	4	25	3
427			Electronic Measurements	4	2	19	2
428			Control Engineering	1	1	33	3
			Electric and Electronic Engineering	26	25	288	33
431			Construction Materials and Dynamics in General Civil Engineering	6	2	12	3
432			Structural Engineering and Seismology	6	2	17	0
433			Ground Engineering	6	4	19	4
434			Hydraulics and River Engineering	3	3	27	6
435			Traffic Engineering and Regional Planning	5	4	16	2
436			Civil Environmental System	4	3	18	7
			Civil Engineering total	30	18	109	22
441		N	Building Structure and Materials	5	4	20	6
442			Building Science and Building Equipment	2	0	10	2
443			City Planning and Building Planning	11	5	28	1
444		I	Architectural History and Design	2	1	4	0
			Architecture total	20	10	62	9
451		N	Physical Metallurgy	2	7	39	3
452			Inorganic Materials and	5	4	24	3
453			Composed Materials and Properties	1	2	5	2
454		E	Structural and Functional Materials	8	3	29	4
455		R	Metallurgy and Material	4	5	22	2
456			Metal Productive Engineering	2	1	12	3
			Material Engineering total	22	22	131	17
461		N G	Chemical Engineering in General	6	8	21	3
462			Reaction and Separation Engineering	3	3	10	3
463			Catalyst and Chemical Process	3	2	17	2
464			Bioengineering	2	4	20	3
465			Industrial Analytical Chemistry	3	1	17	1
			Process Engineering total	17	18	85	12
471			Industrial Physical Chemistry	8	6	33	5
472			Industrial Inorganic Chemistry	1	1	14	3
473			Industrial Organic Chemistry	3	1	12	3
474			Synthetic Chemistry	8	3	34	7
475			Polymer Synthesis	4	3	19	3
476			Polymer Structure and Property (inclu. Fiber)	15	7	16	6
			Industrial Chemistry total	39	21	128	27
481			Aeronautics	2	5	24	5
482			Ship Engineering	2	2	12	4
483			Marine Engineering	2	0	5	0
484			Resource Development Engineering	3	2	20	3
			Synthetic Engineering total	9	9	61	12
			ENGINEERING Total	198	166	1,226	187
501	A G R I C U L T U R E		Plant Breeding	2	2	17	1
502			Crop Science	4	4	8	2
503			Horticulture and Landscape Architecture	7	2	18	1
504			Plant Protection	1	4	18	0
505			Sericultural Science and Economic Entomology	2	0	4	0
			Agriculture total	16	12	65	4
511			Plant Fertilizer and Manure and Soil Science	3	3	12	3
512			Applied Microbiochemistry and Applied Biochemistry	8	4	35	10
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	15	1
514			Food Science and Nutritional Chemistry	8	3	14	4

Table 32. Number of Researchers Who Have Participated in 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	14	17	14	62
427			Electronic Measurements	11	28	11	66
428			Control Engineering	9	33	24	81
			Electric and Electronic Engineering	180	397	156	882
431			Construction Materials and Dynamics in General Civil Engineering	12	30	8	55
432			Structural Engineering and Seismology	11	40	8	64
433			Ground Engineering	15	38	14	73
434			Hydraulics and River Engineering	13	57	12	85
435			Traffic Engineering and Regional Planning	10	26	13	49
436			Civil Environmental System	6	23	11	49
			Civil Engineering total	67	214	66	375
441			Building Structure and Materials	12	37	17	72
442			Building Science and Building Equipment	5	22	15	46
443			City Planning and Building Planning	9	18	31	72
444			Architectural History and Design	1	3	9	13
			Architecture total	27	80	72	203
451			Physical Metallurgy	12	39	9	78
452			Inorganic Materials and	13	39	15	78
453			Composed Materials and Properties	3	11	7	20
454			Structural and Functional Materials	15	35	9	80
455			Metallurgy and Material	9	58	8	87
456			Metal Productive Engineering	7	26	3	45
			Material Engineering total	59	208	51	388
461			Chemical Engineering in General	16	46	13	77
462			Reaction and Separation Engineering	14	31	5	53
463			Catalyst and Chemical Process	11	33	5	57
464			Bioengineering	14	23	13	66
465			Industrial Analytical Chemistry	0	21	6	38
			Process Engineering total	55	154	42	291
471			Industrial Physical Chemistry	20	40	16	88
472			Industrial Inorganic Chemistry	7	17	5	34
473			Industrial Organic Chemistry	0	9	2	22
474			Synthetic Chemistry	15	41	32	106
475			Polymer Synthesis	21	31	13	59
476			Polymer Structure and Property (inclu. Fiber)	18	31	15	68
			Industrial Chemistry total	81	169	83	377
481			Aeronautics	16	24	13	65
482			Ship Engineering	6	20	11	36
483			Marine Engineering	1	8	0	11
484			Resource Development Engineering	6	21	2	40
			Synthetic Engineering total	29	73	26	152
			ENGINEERING Total	670	1,776	710	3,733
501	A G R I C U L T U R E		Plant Breeding	2	8	8	36
502			Crop Science	3	4	8	22
503			Horticulture and Landscape Architecture	4	14	24	55
504			Plant Protection	5	12	18	43
505			Sericultural Science and Economic Entomology	2	0	5	9
			Agriculture total	16	38	63	165
511			Plant Fertilizer and Manure and Soil Science	2	5	4	24
512			Applied Microbiochemistry and Applied Biochemistry	17	43	18	95
513			Biological Productive Chemistry and Bioorganic Chemistry	6	21	6	37
514			Food Science and Nutritional Chemistry	11	39	19	71

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	20	11	76	18
521			Forestry	9	10	26	8
522	G		Wood Science	3	4	17	2
			Forestry total	12	14	43	10
531	R		Fisheries in General	13	7	43	5
532			Fisheries Chemistry	2	2	16	0
			Fisheries total	15	9	59	5
541	I		Agricultural Economics	1	7	10	3
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	2	14	2
552	U		Agricultural Machinery	3	1	16	0
553	L		Biological Environment	1	0	4	1
			Agricultural Engineering total	5	3	34	3
561	T		Animal Science and Grassland Science	3	0	10	2
562	U		Applied Animal Science	5	4	18	3
563	R		Basic Veterinary Medicine and Basic Animal Science	4	6	12	1
564			Applied Veterinary Medicine	3	3	8	3
	E		Animal Science·Veterinary Medicine total	15	13	48	9
571			Biological Resource Science	0	2	6	3
572			Applied Molecular Cell Biology	3	1	5	3
			Interdisciplinary Agricultural Science total	3	3	11	6
			AGRICULTURE Total	87	72	346	58
601			Anatomy in General (inclu. Histology, Embryology)	6	2	14	4
602			Physiology in General	3	3	28	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	0	9	2
604			Pharmacology in General	7	3	16	0
605			Medical Chemistry in General	7	9	29	2
606			Pathological Medical Chemistry	3	3	14	3
			Physiology total	29	20	110	11
611	M		Hominal Pathology	3	1	9	3
612	E		Experimental Pathology	6	6	11	5
613			Parasitology (inclu. Medical Zoology)	5	2	10	2
614	D		Bacteriology (inclu. Eumycetes)	4	4	14	6
615			Virology	11	4	20	8
616	I		Immunology	12	6	35	2
			Pathology total	41	23	99	26
621	C		Hygiene	2	1	11	1
622			Public Health and Health Science	7	11	6	8
623	I		Legal Medicine	1	1	5	3
			Social Medicine total	10	13	22	12
631	N		Internal Medicine in General	7	5	12	3
632	E		Gastroenterology	9	8	20	0
633			Internal Medicine Respiratory System	5	4	9	3
634			Neurological Medicine	9	10	23	6
635			Cardioangiopathy	12	7	20	1
636			Pediatrics	9	5	13	1
637			Dermatology	7	4	5	2
638			Radiology	17	7	19	0
639			Neuropsychiatry	8	9	13	1
641			Hematology	6	0	13	2
642			Internal Medicine of Kidney	4	1	5	1
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	2	3	2	2
645			Metabolic Science	6	3	10	0
			Internal Medicine total	102	66	164	22
651			Surgery in General	5	3	8	2
652			Gastroenterological Surgery	13	10	14	0
653			Thoracic Surgery	4	2	6	3

Table 32. Number of Researchers Who Have Participated in 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
			Agricultural Chemistry total	36	108	47	227
521	A		Forestry	7	14	25	58
522	G		Wood Science	13	20	14	48
			Forestry total	20	34	39	106
531	R		Fisheries in General	14	15	26	93
532			Fisheries Chemistry	4	13	3	30
			Fisheries total	18	28	29	123
541	I		Agricultural Economics	2	3	11	31
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	11	12	32
552	U		Agricultural Machinery	5	13	12	37
553	L		Biological Environment	2	5	6	15
			Agricultural Engineering total	10	29	30	84
561	T		Animal Science and Grassland Science	4	12	10	37
562	U		Applied Animal Science	7	17	11	45
563	R		Basic Veterinary Medicine and Basic Animal Science	3	9	10	37
564			Applied Veterinary Medicine	7	5	5	30
	E		Animal Science·Veterinary Medicine total	21	43	36	149
571			Biological Resource Science	1	2	2	10
572			Applied Molecular Cell Biology	0	2	3	9
			Interdisciplinary Agricultural Science total	1	4	5	19
			AGRICULTURE Total	124	287	260	904
601			Anatomy in General (inclu. Histology, Embryology)	2	10	16	43
602			Physiology in General	7	15	26	70
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	5	14	28
604			Pharmacology in General	6	16	11	42
605			Medical Chemistry in General	8	13	12	64
606			Pathological Medical Chemistry	6	5	8	31
			Physiology total	35	64	87	278
611	M		Hominal Pathology	11	20	23	61
612			Experimental Pathology	9	16	17	49
613	E		Parasitology (inclu.Medical Zoology)	3	1	3	20
614	D		Bacteriology (inclu. Eumycetes)	7	14	17	45
615			Virology	8	11	10	46
616	I		Immunology	9	19	20	76
			Pathology total	47	81	90	297
621	C		Hygiene	5	9	15	34
622			Public Health and Health Science	3	24	34	64
623	I		Legal Medicine	5	5	11	25
			Social Medicine total	13	38	60	123
631	N		Internal Medicine in General	5	17	39	71
632			Gastroenterology	10	23	68	110
633	E		Internal Medicine Respiratory System	6	13	35	62
634			Neurological Medicine	6	18	36	82
635			Cardioangiology	16	40	62	122
636			Pediatrics	15	17	49	98
637			Dermatology	15	16	14	54
638			Radiology	49	43	73	163
639			Neuropsychiatry	8	18	33	73
641			Hematology	8	24	28	67
642			Internal Medicine of Kidney	2	11	21	37
643			Embryology and Newborn	1	2	1	4
644			Endocrinology	4	10	22	39
645			Metabolic Science	4	11	30	46
			Internal Medicine total	149	263	511	1,028
651			Surgery in General	3	13	36	55
652			Gastroenterological Surgery	20	15	47	81
653			Thoracic Surgery	5	13	30	53

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	12	4	7	0
655			Orthopedic Surgery	10	4	20	1
656			Anesthesiology and Rescue Medicine	9	6	22	1
657			Urology	9	5	4	0
658			Obstetrics and Gynecology	13	9	5	3
659			Oto-rhino-laryngology	2	4	15	1
660			Ophthalmology	7	6	9	0
661			Pediatric Surgery	0	0	4	0
662			Formative Surgery	0	0	0	0
			Surgery total	84	53	114	11
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	1	1	12	1
672			Functional Basic Dentistry	3	1	16	1
673			Morbid Dentistry (inclu. Dental Radiology)	0	0	7	1
674			Conservative Dentistry	3	3	16	0
675			Prosthodontics and Dental Technology	3	2	27	0
676			Oral Surgery	5	10	20	2
677			Orthodontics, Pedodontics and Social Dentistry	7	7	21	0
678			Periodontological Dentistry	2	2	17	0
			Dentistry total	24	26	136	5
681			Chemical Pharmaceutics	7	7	24	3
682			Physical Pharmaceutics	4	2	17	2
683			Biopharmaceutics	13	4	27	4
684			Molecular Pharmaceutics	5	1	8	1
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	29	14	76	10
691			Medical Sociology	2	1	2	2
692			Human Genetics	1	1	12	0
693			Applied Pharmacology and Medical Pharmacology	2	0	3	2
694			Pathological Examination	2	2	5	2
696			Science of Basic and Local Nursing	0	0	5	0
697			Science of Clinical Nursing	1	0	6	1
			Medicine in General total	8	4	33	7
			MEDICINE Total	327	219	754	104
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	6	25	2
704			Human Geography	3	0	10	0
705			Physical Geography	1	1	8	1
			Geography total	4	1	18	1
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	2
711			Science Education	6	4	12	2
712			Educational Engineering	2	1	15	2
713			Curriculum Studies	5	5	17	1
714			Japanese Language Education	2	1	9	1
			Science Education·Curriculum Education total	15	11	53	6
721			Statistics	3	0	18	1
731			Computer Science	7	6	100	11
732			Intelligent Informatics	1	1	76	13
733			Study of Information System (Inclu. Library and Information Science)	6	3	26	6
			Information Science total	14	10	202	30
741			Social System Engineering	4	1	26	2
751			Natural Disaster Science	4	1	8	2
761			Plasma Science and Technology	4	5	53	1
772			Nuclear Fusion	1	1	30	1

Table 32. Number of Researchers Who Have Participated in 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	15	16	41	78
655			Orthopedic Surgery	10	27	110	154
656			Anesthesiology and Rescue Medicine	15	17	53	106
657			Urology	23	24	38	83
658			Obstetrics and Gynecology	9	11	53	85
659			Oto-rhino-laryngology	5	19	31	65
660			Ophthalmology	19	12	45	84
661			Pediatric Surgery	2	4	13	19
662			Formative Surgery	3	1	4	7
			Surgery total	129	172	501	870
671	E		Oral Anatomy and Morphological Basic Dentistry	4	3	8	30
672	D		Functional Basic Dentistry	3	11	10	39
673	I		Morbid Dentistry (inclu. Dental Radiology)	5	3	10	25
674	C		Conservative Dentistry	11	12	29	61
675	I		Prosthodontics and Dental Technology	3	12	47	86
676	N		Oral Surgery	15	5	60	102
677	E		Orthodontics, Pedodontics and Social Dentistry	10	19	51	94
678			Periodontological Dentistry	9	10	7	36
	Dentistry total		60	75	222	473	
681			Chemical Pharmaceutics	22	37	7	78
682			Physical Pharmaceutics	8	14	10	40
683			Biopharmaceutics	20	41	11	92
684			Molecular Pharmaceutics	11	7	5	27
685			Environmental Pharmaceutics	0	0	0	0
	Pharmaceutics total	61	99	33	237		
691			Medical Sociology	5	4	5	15
692			Human Genetics	2	1	4	20
693			Applied Pharmacology and Medical Pharmacology	12	14	8	34
694			Pathological Examination	5	10	8	27
696			Science of Basic and Local Nursing	1	3	17	24
697			Science of Clinical Nursing	8	1	34	46
			Medicine in General total	33	33	76	166
	MEDICINE Total			527	825	1,580	3,472
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	1	7	8
703			Physical Education	4	13	48	92
704			Human Geography	3	1	20	29
705			Physical Geography	0	4	14	26
			Geography total	3	5	34	55
706			Home Science(inclu. Cloth/Living Environments)	1	4	11	22
707			Food Culture	0	1	5	6
			Domestic Science total	1	5	16	28
708			Science of Cultural Property	2	1	0	5
711			Science Education	4	2	13	32
712			Educational Engineering	4	8	4	32
713			Curriculum Studies	7	1	45	69
714			Japanese Language Education	2	4	14	28
			Science Education·Curriculum Education total	17	15	76	161
721			Statistics	7	7	7	36
731			Computer Science	32	84	28	219
732			Intelligent Informatics	30	73	35	176
733			Study of Information System (Inclu. Library and Information Science)	8	23	9	48
			Information Science total	70	180	72	443
741			Social System Engineering	8	10	15	51
751			Natural Disaster Science	5	5	6	11
761			Plasma Science and Technology	11	28	14	90
772			Nuclear Fusion	6	18	8	44

Table 32. Number of Researchers Who Have Participated in 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 E R D I S C I P L I N A R Y A R E A		Energy Science General	1	3	7	3
774			Nuclear Power Science	1	4	16	3
			Energy total	3	8	53	7
801			Environmental Dynamic Analysis	6	4	19	8
802			Environmental Influence Assessment (inclu. Radiobiology)	7	1	14	1
803			Environmental Preservation	7	4	8	3
			Environmental Science total	20	9	41	12
811			Biological Organic Chemistry	4	1	20	2
812			Structured Biochemistry	2	1	16	1
813			Functional Biochemistry	5	2	15	3
			Biological Chemistry total	11	4	51	6
821			Biophysics	8	7	28	10
822			Molecular Biology	13	15	93	17
823			Cell Biology	12	3	43	5
824			Developmental Biology	9	3	30	4
			Basic Biology total	42	28	194	36
831			Neuroanatomy and Neuropathology	1	1	12	0
832			Neurochemistry and Neuropharmacology	2	3	18	2
833			Neuro Science in General	6	4	35	3
834			Neuro and Muscular Physiology	3	0	19	4
			Neuro Science (inclu. Brain Science) total	12	8	84	9
841			Laboratory Animal Science	2	0	4	4
851			Medical Organism Engineering and Material Science of Organism	8	3	60	10
			INTERDISCIPLINARY AREA Total	153	99	898	132
999			WIDE AREA Total	15	12	19	5
			Item n.a. Total	6	6	28	5
			Grand Total	1,192	908	4,860	670

Table 32. Number of Researchers Who Have Participated in 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
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	1	4	3	11
774			Nuclear Power Science	5	24	6	39
			Energy total	12	46	17	94
801			Environmental Dynamic Analysis	9	15	9	42
802			Environmental Influence Assessment (inclu. Radiobiology)	3	11	9	32
803			Environmental Preservation	7	18	11	36
			Environmental Science total	19	44	29	110
811			Biological Organic Chemistry	7	17	17	54
812			Structured Biochemistry	4	10	8	36
813			Functional Biochemistry	4	13	8	45
			Biological Chemistry total	15	40	33	135
821			Biophysics	11	18	17	69
822			Molecular Biology	13	30	31	165
823			Cell Biology	9	16	19	87
824			Developmental Biology	4	6	15	60
			Basic Biology total	37	70	82	381
831	A R E A		Neuroanatomy and Neuropathology	2	4	6	25
832			Neurochemistry and Neuropharmacology	5	9	10	40
833			Neuro Science in General	10	12	15	66
834			Neuro and Muscular Physiology	5	10	6	42
			Neuro Science (inclu. Brain Science) total	22	35	37	173
841			Laboratory Animal Science	3	7	0	13
851			Medical Organism Engineering and Material Science of Organism	16	39	33	131
			INTERDISCIPLINARY AREA Total	253	551	526	2,017
999			WIDE AREA Total	12	21	29	67
			Item n.a. Total	29	35	37	114
			Grand Total	1,963	4,047	4,435	13,871

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
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	0
217			Aesthetics (inclu. Arts)	1	1	1	1
218			Art History	0	0	0	0
			Philosophy total	4	4	1	1
221			Experimental Psychology	0	1	2	0
222			Educational and Social	2	0	1	0
223			Sociology	2	4	0	0
224			Education	2	1	0	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	2	0	0
			Psychology・Sociology・Education Cultural Anthropology total	7	8	3	0
231			Japanese History	1	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	2	2	0	0
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	1	0	1
243			Chinese Language and Literature	1	0	1	0
244			English Language and Literature	1	0	0	1
245			French Language and Literature	0	2	1	0
246			German Language and Literature	0	2	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	2	5	4	2
			ARTS・HUMANITIES Total	15	19	8	3
261	LAW		Basic Science of Law	0	1	1	0
262			Public Law	1	0	1	0
263			International Law	3	0	1	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	1	2	0
			LAW Total	5	2	5	1
271	ECONOMICS		General Theory of Economics	0	1	6	1
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	3	1	2	1
274			Economic History	1	0	1	0
275			Public Finance, Money and Banking	0	1	2	0
276			Commercial Science	1	0	0	1
277			Business Administration	1	2	0	0
278			Accounting	0	0	2	0
			ECONOMICS Total	6	5	13	3
301	SCIENCE		Algebra	0	2	6	0
302			Geometry	1	2	3	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	8	0
305			Basic Analysis	0	0	3	0
306			Larger-area Analysis	0	0	2	0
			Mathematics total	1	4	22	0
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	1	6	1

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

Code	Subject	Subdivision	Item	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	1
217			Aesthetics (inclu. Arts)	1	0	6	7
218			Art History	0	1	2	2
			Philosophy total	1	1	11	16
221			Experimental Psychology	5	1	2	9
222			Educational and Social	3	0	6	11
223			Sociology	6	1	13	23
224			Education	4	0	5	8
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	5	6
			Psychology•Sociology•Education Cultural Anthropology total	18	2	31	57
231			Japanese History	1	2	1	4
232			Oriental History	1	1	3	7
233			European History	0	0	2	1
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	2	3	6	12
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	2
243			Chinese Language and Literature	1	0	3	5
244			English Language and Literature	3	6	9	19
245			French Language and Literature	0	0	1	3
246			German Language and Literature	0	0	2	3
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	1	0	2	5
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	6	6	17	38
			ARTS•HUMANITIES Total	27	12	65	123
261	LAW		Basic Science of Law	1	0	1	3
262			Public Law	0	1	2	2
263			International Law	2	0	0	4
264			Civil Law	0	0	1	1
265			Social Law	0	0	1	1
266			Criminal Law	0	0	0	0
267			Politics	3	1	2	8
			LAW Total	6	2	7	19
271	ECONOMICS		General Theory of Economics	1	1	6	13
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	2	2	5	13
274			Economic History	0	0	0	2
275			Public Finance, Money and Banking	1	0	1	5
276			Commercial Science	2	0	1	4
277			Business Administration	2	1	4	7
278			Accounting	3	0	1	5
			ECONOMICS Total	11	4	18	49
301	SCIENCE		Algebra	1	0	1	6
302			Geometry	1	0	1	4
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	2	0	3	10
305			Basic Analysis	2	0	1	5
306			Larger-area Analysis	0	0	0	2
			Mathematics total	6	0	6	27
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	2	0	2	10

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
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	5	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	2	0
325			Physics in General	0	1	4	0
			Physics total	1	2	17	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	1	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	1	0
			Earth Science total	0	1	3	1
341			Physical Chemistry	2	1	9	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	4	1	22	0
351			Genetics	0	3	3	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	0	0	1
356			Morphology and Taxonomy	0	0	1	0
			Biology total	3	3	8	2
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			9	11	72	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	1	2	0	0
			Applied Physics·Fundamentals of Engineering total	3	2	5	0
411			Materials for Machines and Strength of Materials	0	1	2	0
412			Workshop Processes and Production Engineering	1	0	2	0
413			Design Engineering, Machine Elements and Tribology	0	0	1	0
414			Fluid Mechanics	0	0	3	1
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	0	1	0
417			Intelligent Mechanics and Machine System	1	0	4	2
			Machine Engineering total	2	1	15	3
421			Electric Power Engineering and Electric Machinery	0	0	2	0
422			Electronic and Electric Materials Engineering	0	0	3	0
423			Electron Devices and Apparatus Engineering	0	0	2	0
424			Information and Communication Engineering	0	1	8	0

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

Code	Subj ect	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	2	2	6
323			Solid-State Physics II (Magnetism, Metal Physics,	3	2	4	13
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	4
325			Physics in General	3	2	2	11
			Physics total	11	6	11	44
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	2
336			Mineralogy, Petrology and Study of Mineral Deposit	0	1	0	1
337			Geochemistry	1	1	0	2
			Earth Science total	2	2	3	9
341			Physical Chemistry	3	1	8	18
342			Organic Chemistry	6	2	4	19
343			Inorganic Chemistry	1	0	3	7
344			Function, Properties and Materials in Chemistry	4	2	2	7
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	2	1	3	6
			Chemistry total	17	6	20	58
351			Genetics	1	3	0	7
352			Ecology	2	1	4	8
353			Plant Physiology	5	0	4	14
354			Morphology, Structure of Organism	1	0	0	1
355			Animal Physiology and	0	2	2	4
356			Morphology and Taxonomy	0	0	1	2
			Biology total	9	6	11	36
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
			SCIENCE Total	47	20	51	176
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	3	5	11
404			General Applied Physics	2	0	2	4
405			Fundamentals of Engineering	0	0	0	2
			Applied Physics·Fundamentals of Engineering total	7	4	10	26
411			Materials for Machines and Strength of Materials	5	4	1	12
412			Workshop Processes and Production Engineering	7	3	8	19
413			Design Engineering, Machine Elements and Tribology	2	2	1	4
414			Fluid Mechanics	6	4	3	14
415			Heat Engineering	3	2	2	9
416			Mechanics and Control Engineering	4	1	1	7
417			Intelligent Mechanics and Machine System	1	1	5	11
			Machine Engineering total	28	17	21	76
421			Electric Power Engineering and Electric Machinery	8	2	3	13
422			Electronic and Electric Materials Engineering	6	3	1	10
423			Electron Devices and Apparatus Engineering	8	5	2	15
424			Information and Communication Engineering	7	5	10	29

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	0	0
428			Control Engineering	0	1	3	0
			Electric and Electronic Engineering	0	2	18	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	3	2
442			Building Science and Building Equipment	0	2	0	1
443			City Planning and Building Planning	2	0	0	0
444			Architectural History and Design	1	0	0	0
			Architecture total	5	5	3	3
451		N	Physical Metallurgy	0	0	1	0
452			Inorganic Materials and	0	0	0	0
453			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		G	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	0	3	0
463			Catalyst and Chemical Process	1	0	0	1
464			Bioengineering	0	0	1	0
465			Industrial Analytical Chemistry	0	0	1	0
			Process Engineering total	1	0	5	1
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	3	0
475			Polymer Synthesis	1	0	1	2
476			Polymer Structure and Property (inclu. Fiber)	0	1	3	0
			Industrial Chemistry total	2	3	12	3
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	1	1
483			Marine Engineering	0	0	1	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	2	1
			ENGINEERING Total	14	13	66	12
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	2	0	2	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	1	0
514			Food Science and Nutritional Chemistry	2	4	2	0

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

Code	Subj ect	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	3	0	1	4
427			Electronic Measurements	1	0	5	6
428			Control Engineering	7	5	7	18
			Electric and Electronic Engineering	40	20	29	95
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	1	0	2	3
434			Hydraulics and River Engineering	2	2	2	5
435			Traffic Engineering and Regional Planning	3	2	0	4
436			Civil Environmental System	2	0	0	3
			Civil Engineering total	10	4	5	19
441			Building Structure and Materials	5	3	5	13
442			Building Science and Building Equipment	6	0	3	12
443			City Planning and Building Planning	2	1	1	5
444			Architectural History and Design	0	0	0	1
			Architecture total	13	4	9	31
451			Physical Metallurgy	2	0	0	3
452			Inorganic Materials and	0	3	1	4
453			Composed Materials and Properties	1	3	1	6
454			Structural and Functional Materials	2	1	0	4
455			Metallurgy and Material	0	1	1	3
456			Metal Productive Engineering	0	1	0	1
			Material Engineering total	5	9	3	21
461			Chemical Engineering in General	1	1	0	2
462			Reaction and Separation Engineering	4	2	0	8
463			Catalyst and Chemical Process	1	0	0	2
464			Bioengineering	0	1	1	3
465			Industrial Analytical Chemistry	1	0	1	3
			Process Engineering total	7	4	2	18
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	8
475			Polymer Synthesis	4	2	4	9
476			Polymer Structure and Property (inclu. Fiber)	1	0	1	5
			Industrial Chemistry total	11	7	13	36
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	125	74	95	333
501	A G R I C U L T U R E		Plant Breeding	2	0	3	5
502			Crop Science	2	0	0	2
503			Horticulture and Landscape Architecture	3	0	3	6
504			Plant Protection	0	3	2	4
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	7	3	8	17
511			Plant Fertilizer and Manure and Soil Science	1	0	1	2
512			Applied Microbiochemistry and Applied Biochemistry	4	2	0	7
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	0	2
514			Food Science and Nutritional Chemistry	1	2	8	12

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	4	4	7	0
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	0	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	1	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	8	17	3
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	0	2	0
604			Pharmacology in General	0	0	1	0
605			Medical Chemistry in General	2	2	1	0
606			Pathological Medical Chemistry	1	0	1	0
			Physiology total	5	2	9	1
611	M		Hominal Pathology	0	0	3	0
612	E		Experimental Pathology	0	0	4	2
613			Parasitology (inclu. Medical Zoology)	0	0	2	1
614	D		Bacteriology (inclu. Eumycetes)	0	2	3	1
615			Virology	1	1	1	0
616	I		Immunology	1	2	2	0
			Pathology total	2	5	15	4
621	C		Hygiene	2	0	1	0
622			Public Health and Health Science	2	1	5	3
623	I		Legal Medicine	0	0	1	0
			Social Medicine total	4	1	7	3
631	N		Internal Medicine in General	5	2	3	1
632	E		Gastroenterology	3	1	4	0
633			Internal Medicine Respiratory System	0	0	0	1
634			Neurological Medicine	0	0	2	0
635			Cardioangiopathy	6	0	0	0
636			Pediatrics	1	0	1	0
637			Dermatology	3	1	3	0
638			Radiology	1	0	1	0
639			Neuropsychiatry	0	0	0	0
641			Hematology	2	0	1	0
642			Internal Medicine of Kidney	3	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	1	1	2	0
645			Metabolic Science	1	0	2	0
			Internal Medicine total	26	5	19	2
651			Surgery in General	0	1	0	0
652			Gastroenterological Surgery	0	0	1	1
653			Thoracic Surgery	1	0	0	0

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

Code	Subj ect	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	7	4	9	23
521			Forestry	0	1	3	2
522	G		Wood Science	3	0	0	3
			Forestry total	3	1	3	5
531	R		Fisheries in General	1	0	1	2
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	2	0	1	3
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	1
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	3
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	23	10	22	62
601			Anatomy in General (inclu. Histology, Embryology)	2	1	1	4
602			Physiology in General	2	1	8	13
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	3	4	9
604			Pharmacology in General	1	1	2	5
605			Medical Chemistry in General	1	0	4	7
606			Pathological Medical Chemistry	0	1	3	4
			Physiology total	9	7	22	42
611	M		Hominal Pathology	3	1	4	9
612			Experimental Pathology	1	3	2	7
613	E		Parasitology (inclu.Medical Zoology)	0	1	2	5
614	D		Bacteriology (inclu. Eumycetes)	2	2	4	11
615			Virology	2	1	6	8
616	I		Immunology	2	1	1	7
			Pathology total	10	9	19	47
621	C		Hygiene	3	1	4	8
622			Public Health and Health Science	4	2	11	19
623	I		Legal Medicine	0	0	1	3
			Social Medicine total	7	3	16	30
631	N		Internal Medicine in General	5	2	9	13
632			Gastroenterology	0	1	13	17
633	E		Internal Medicine Respiratory System	3	0	10	13
634			Neurological Medicine	2	0	4	5
635			Cardioangiopathy	5	3	13	19
636			Pediatrics	2	0	14	14
637			Dermatology	2	2	4	11
638			Radiology	3	1	7	14
639			Neuropsychiatry	2	1	9	9
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	1	4
645			Metabolic Science	3	0	7	10
			Internal Medicine total	29	15	102	147
651			Surgery in General	1	0	5	7
652			Gastroenterological Surgery	0	1	10	12
653			Thoracic Surgery	0	2	1	3

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	3	1	0	0
655			Orthopedic Surgery	3	1	0	0
656			Anesthesiology and Rescue Medicine	0	2	3	0
657			Urology	1	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	12	8	7	2
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	1	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	1	0	0	0
675	I		Prosthodontics and Dental Technology	0	0	0	0
676	N		Oral Surgery	1	1	1	0
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	0
678			Periodontological Dentistry	1	0	1	0
			Dentistry total	4	1	5	0
681			Chemical Pharmaceutics	0	0	3	0
682			Physical Pharmaceutics	1	0	3	1
683			Biopharmaceutics	1	0	2	0
684			Molecular Pharmaceutics	0	0	0	0
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	2	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	1	2	1	1
697			Science of Clinical Nursing	2	5	2	1
			Medicine in General total	4	7	3	2
	MEDICINE Total			59	29	73	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	2	0
707			Food Culture	0	0	2	0
			Domestic Science total	0	0	4	0
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712	A R E A		Educational Engineering	0	0	2	0
713			Curriculum Studies	0	0	0	0
714			Japanese Language Education	0	0	0	0
			Science Education·Curriculum Education total	0	0	2	0
721			Statistics	0	0	1	0
731			Computer Science	1	0	1	0
732			Intelligent Informatics	0	0	2	0
733			Study of Information System (Inclu. Library and Information Science)	0	1	0	0
			Information Science total	1	1	3	0
741			Social System Engineering	1	1	4	0
751	I		Natural Disaster Science	1	0	0	0
761			Plasma Science and Technology	0	0	2	0
772			Nuclear Fusion	0	0	0	0

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	3	0	8	11
655			Orthopedic Surgery	3	3	23	29
656			Anesthesiology and Rescue Medicine	2	3	15	19
657			Urology	2	2	11	17
658			Obstetrics and Gynecology	1	1	10	13
659			Oto-rhino-laryngology	3	2	9	13
660			Ophthalmology	0	1	7	8
661			Pediatric Surgery	0	0	4	1
662			Formative Surgery	0	0	1	2
			Surgery total	15	15	104	135
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	1	2
672	D		Functional Basic Dentistry	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	1	3
674	C		Conservative Dentistry	3	0	2	6
675	I		Prosthodontics and Dental Technology	1	0	2	3
676	N		Oral Surgery	3	0	9	14
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	0	3
678			Periodontological Dentistry	1	0	0	2
	Dentistry total		12	0	15	34	
681			Chemical Pharmaceutics	3	2	0	8
682			Physical Pharmaceutics	5	4	1	11
683			Biopharmaceutics	5	5	4	15
684			Molecular Pharmaceutics	2	1	0	3
685			Environmental Pharmaceutics	0	0	0	0
	Pharmaceutics total	15	12	5	37		
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	0	1	2	4
696			Science of Basic and Local Nursing	5	0	5	12
697			Science of Clinical Nursing	5	0	9	23
			Medicine in General total	10	1	16	39
	MEDICINE Total			107	62	299	511
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	4	0	3	11
704			Human Geography	2	0	1	6
705			Physical Geography	1	0	5	6
			Geography total	3	0	6	12
706			Home Science(inclu. Cloth/Living Environments)	2	0	3	7
707			Food Culture	1	0	5	7
			Domestic Science total	3	0	8	14
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	2	2		
714	Japanese Language Education	2	0	2	3		
	Science Education·Curriculum Education total	2	0	6	8		
721	Statistics	1	0	1	3		
731	Computer Science	7	3	5	15		
732	Intelligent Informatics	5	4	4	14		
733			Study of Information System (Inclu. Library and Information Science)	6	3	0	6
			Information Science total	18	10	9	35
741			Social System Engineering	4	2	5	13
751			Natural Disaster Science	0	0	0	1
761			Plasma Science and Technology	1	0	4	6
772	I		Nuclear Fusion	0	0	0	0

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	Nuclear Energy Research Division Science Council Interdisciplinary Area Research Area		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	0	0
			Energy total	0	0	1	0
801			Environmental Dynamic Analysis	0	0	0	1
802			Environmental Influence Assessment (inclu. Radiobiology)	0	0	2	0
803			Environmental Preservation	1	2	1	2
			Environmental Science total	1	2	3	3
811			Biological Organic Chemistry	0	0	0	0
812			Structured Biochemistry	0	0	2	0
813			Functional Biochemistry	0	0	1	0
			Biological Chemistry total	0	0	3	0
821			Biophysics	1	1	2	0
822			Molecular Biology	0	0	5	0
823			Cell Biology	0	1	1	0
824			Developmental Biology	1	1	0	0
			Basic Biology total	2	3	8	0
831	Area		Neuroanatomy and Neuropathology	0	2	1	0
832			Neurochemistry and Neuropharmacology	0	0	2	0
833			Neuro Science in General	0	0	3	0
834			Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	2	6	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			8	11	46	6
999	WIDE AREA Total			0	2	0	0
	Item n.a. Total			1	0	0	0
	Grand Total			127	100	300	47

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

Code	Subject	Subdivision	Item	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	1	1	5
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	3	5
803	I		Environmental Preservation	0	1	1	4
	S		Environmental Science total	2	3	5	14
811	I		Biological Organic Chemistry	2	0	3	5
812			Structured Biochemistry	2	3	2	7
813	P		Functional Biochemistry	2	0	2	5
	L		Biological Chemistry total	6	3	7	17
821	N		Biophysics	2	2	2	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	6	4	8	26
831	A		Neuroanatomy and Neuropathology	1	2	8	7
832			Neurochemistry and Neuropharmacology	3	1	1	6
833	E		Neuro Science in General	2	1	3	6
834			Neuro and Muscular Physiology	2	0	2	2
	A		Neuro Science (inclu. Brain Science) total	8	4	14	21
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	2	4	5
	INTERDISCIPLINARY AREA Total			60	30	82	192
999	WIDE AREA Total			1	1	8	9
	Item n.a. Total			7	0	7	12
	Grand Total			414	215	654	1,486

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES	Philosophy	Philosophy	7	6	2	0
212			Chinese Philosophy	1	6	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	6	7	1	1
214			Religion	10	7	2	0
215			Ethics	1	1	1	0
216			History of Philosophy	3	3	3	0
217			Aesthetics (inclu. Arts)	16	14	2	7
218			Art History	6	0	2	0
			Philosophy total	50	44	13	8
221		Psychology • Sociology • Education	Experimental Psychology	5	1	13	2
222			Educational and Social	8	7	15	1
223			Sociology	27	17	21	4
224			Education	12	13	5	5
225			Cultural Anthropology (inclu. Ethnology and Folklore)	9	13	6	3
			Psychology • Sociology • Education Cultural Anthropology total	61	51	60	15
231		History	Japanese History	5	5	3	2
232			Oriental History	10	8	4	2
233			European History	4	6	3	2
234			Archaeology (inclu. Prehistory)	6	1	3	1
			History total	25	20	13	7
241		Literature	Japanese Language	4	4	1	5
242			Japanese Literature	17	9	2	3
243			Chinese Language and Literature	5	7	1	4
244			English Language and Literature	17	26	9	2
245			French Language and Literature	0	5	4	0
246			German Language and Literature	4	5	3	2
247			Other Foreign Languages and Literatures	4	6	0	3
248			Linguistics and Phonetics	7	12	7	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	5	4	0	0
			Literature total	63	78	27	21
			ARTS • HUMANITIES Total	199	193	113	51
261	LAW	Basic Science of Law	Basic Science of Law	3	3	2	0
262			Public Law	5	1	8	1
263			International Law	8	3	2	2
264			Civil Law	4	8	6	8
265			Social Law	1	2	2	2
266			Criminal Law	4	2	3	2
267			Politics	25	28	14	9
			LAW Total	50	47	37	24
271	ECONOMICS	General Theory of Economics	General Theory of Economics	12	7	9	5
272			Economical Statistics	4	1	5	2
273			Economic Policy (inclu. Economic Condition)	33	20	8	17
274			Economic History	3	3	2	2
275			Public Finance, Money and Banking	8	5	0	4
276			Commercial Science	4	1	2	1
277			Business Administration	15	16	6	4
278			Accounting	5	2	5	0
			ECONOMICS Total	84	55	37	35
301	SCIENCE	Mathematics	Algebra	1	5	10	0
302			Geometry	7	2	15	1
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	17	0
305			Basic Analysis	3	2	14	0
306			Larger-area Analysis	2	2	12	0
			Mathematics total	13	11	68	1
311		Astronomy	Astronomy	0	0	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	8	7	18	1

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	24	1	9	39
212			Chinese Philosophy	3	2	6	14
213			Indian Philosophy (inclu. Buddhist Studies)	15	4	10	32
214			Religion	13	1	10	31
215			Ethics	6	0	2	10
216			History of Philosophy	7	0	8	19
217			Aesthetics (inclu. Arts)	27	1	32	73
218			Art History	6	0	7	19
			Philosophy total	101	9	84	237
221			Experimental Psychology	45	3	35	86
222			Educational and Social	74	5	64	151
223			Sociology	64	9	67	148
224			Education	40	5	47	99
225			Cultural Anthropology (inclu. Ethnology and Folklore)	14	5	17	48
			Psychology • Sociology • Education Cultural Anthropology total	237	27	230	532
231			Japanese History	12	4	13	31
232			Oriental History	15	2	11	42
233			European History	16	2	20	42
234			Archaeology (inclu. Prehistory)	3	0	10	20
			History total	46	8	54	135
241			Japanese Language	7	1	8	22
242			Japanese Literature	18	2	20	56
243			Chinese Language and Literature	26	2	22	57
244			English Language and Literature	109	7	102	226
245			French Language and Literature	11	3	18	36
246			German Language and Literature	14	3	20	40
247			Other Foreign Languages and Literatures	15	2	23	47
248			Linguistics and Phonetics	79	2	46	129
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	13	1	13	27
			Literature total	292	23	272	640
			ARTS • HUMANITIES Total	676	67	640	1,544
261	LAW		Basic Science of Law	8	2	8	18
262			Public Law	11	3	7	28
263			International Law	12	2	14	31
264			Civil Law	21	11	19	53
265			Social Law	5	0	5	14
266			Criminal Law	6	1	9	20
267			Politics	43	8	38	117
			LAW Total	106	27	100	281
271	ECONOMICS		General Theory of Economics	38	6	26	82
272			Economical Statistics	16	2	3	24
273			Economic Policy (inclu. Economic Condition)	53	17	30	118
274			Economic History	16	0	13	32
275			Public Finance, Money and Banking	25	1	11	42
276			Commercial Science	23	3	16	43
277			Business Administration	54	4	49	111
278			Accounting	30	2	23	54
			ECONOMICS Total	255	35	171	506
301	SCIENCE		Algebra	11	0	1	25
302			Geometry	11	1	3	34
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	35	1	13	61
305			Basic Analysis	14	0	4	31
306			Larger-area Analysis	15	0	5	27
			Mathematics total	86	2	26	178
311			Astronomy	5	0	1	6
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	37	3	12	69

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	2	2	7	1
323			Solid-State Physics II (Magnetism, Metal Physics,	2	0	5	2
324			Physical Properties in General (inclu. Basic Theories)	2	1	6	0
325			Physics in General	3	4	6	0
			Physics total	17	14	42	4
331			Physics of Solid Earth	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	4	4
333			Aeronomy	1	2	2	1
334			Geology	0	2	0	2
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	5	8	10
341			Physical Chemistry	9	2	7	0
342			Organic Chemistry	4	2	8	0
343			Inorganic Chemistry	1	0	7	1
344			Function, Properties and Materials in Chemistry	2	0	5	1
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	0	2	0
			Chemistry total	16	4	29	2
351			Genetics	0	2	2	0
352			Ecology	5	0	5	3
353			Plant Physiology	1	2	1	3
354			Morphology, Structure of Organism	2	1	4	1
355			Animal Physiology and	1	1	1	0
356			Morphology and Taxonomy	2	0	1	0
			Biology total	11	6	14	7
361			Physical Anthropology (inclu. Physiological Anthropology)	1	1	3	1
	SCIENCE Total			61	41	165	25
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	4	0	5	0
402			Surface Physics	1	2	1	2
403			Applied Optics and Quantum Optics	4	0	6	2
404			General Applied Physics	0	0	1	1
405			Fundamentals of Engineering	0	0	2	0
			Applied Physics·Fundamentals of Engineering total	9	2	15	5
411			Materials for Machines and Strength of Materials	2	2	8	3
412			Workshop Processes and Production Engineering	0	3	6	1
413			Design Engineering, Machine Elements and Tribology	1	1	2	1
414			Fluid Mechanics	2	3	5	2
415			Heat Engineering	5	2	5	3
416			Mechanics and Control Engineering	2	1	5	1
417			Intelligent Mechanics and Machine System	0	3	6	0
			Machine Engineering total	12	15	37	11
421			Electric Power Engineering and Electric Machinery	3	2	6	0
422			Electronic and Electric Materials Engineering	2	4	16	3
423			Electron Devices and Apparatus Engineering	2	4	7	4
424			Information and Communication Engineering	8	7	18	8

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

Code	Subj ect	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)	19	5	8	41
323			Solid-State Physics II (Magnetism, Metal Physics,	23	1	4	34
324			Physical Properties in General (inclu. Basic Theories)	16	5	7	29
325			Physics in General	18	3	7	32
			Physics total	113	17	38	205
331			Physics of Solid Earth	5	2	0	7
332			Meteorology, Oceanography and Hydrology	4	3	4	16
333			Aeronomy	4	0	1	7
334			Geology	1	0	3	7
335			Stratigraphy and Paleontology	5	1	2	7
336			Mineralogy, Petrology and Study of Mineral Deposit	3	0	2	6
337			Geochemistry	6	1	2	8
			Earth Science total	28	7	14	58
341			Physical Chemistry	51	2	15	73
342			Organic Chemistry	37	4	12	55
343			Inorganic Chemistry	25	1	12	39
344			Function, Properties and Materials in Chemistry	32	4	4	38
345			Substance Transformation	2	0	1	3
346			Separation, Refining and Identification	15	3	8	25
			Chemistry total	162	14	52	233
351			Genetics	1	0	0	5
352			Ecology	12	1	8	27
353			Plant Physiology	9	1	9	23
354			Morphology, Structure of Organism	4	1	3	15
355			Animal Physiology and	8	1	4	15
356			Morphology and Taxonomy	8	2	3	15
			Biology total	42	6	27	100
361			Physical Anthropology (inclu. Physiological Anthropology)	4	1	6	12
	SCIENCE Total			440	47	164	792
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	19	6	6	30
402			Surface Physics	13	1	6	20
403			Applied Optics and Quantum Optics	26	8	8	42
404			General Applied Physics	4	1	0	6
405			Fundamentals of Engineering	9	0	0	10
			Applied Physics·Fundamentals of Engineering total	71	16	20	108
411			Materials for Machines and Strength of Materials	38	12	15	65
412			Workshop Processes and Production Engineering	39	10	12	57
413			Design Engineering, Machine Elements and Tribology	15	1	2	21
414			Fluid Mechanics	43	10	14	66
415			Heat Engineering	37	10	9	55
416			Mechanics and Control Engineering	38	8	4	50
417			Intelligent Mechanics and Machine System	22	5	7	39
			Machine Engineering total	232	56	63	353
421			Electric Power Engineering and Electric Machinery	46	19	13	72
422			Electronic and Electric Materials Engineering	47	15	16	76
423			Electron Devices and Apparatus Engineering	39	16	17	69
424			Information and Communication Engineering	81	48	16	146

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E N G I N E E R I N G		System Engineering	4	3	5	3
427			Electronic Measurements	0	1	2	0
428			Control Engineering	0	1	3	0
			Electric and Electronic Engineering	19	22	57	18
431			Construction Materials and Dynamics in General Civil Engineering	4	4	1	2
432			Structural Engineering and Seismology	1	1	3	0
433			Ground Engineering	1	1	1	0
434			Hydraulics and River Engineering	3	3	2	1
435			Traffic Engineering and Regional Planning	4	0	3	2
436			Civil Environmental System	4	3	0	5
			Civil Engineering total	17	12	10	10
441		I	Building Structure and Materials	1	4	7	1
442			Building Science and Building Equipment	4	2	2	3
443			City Planning and Building Planning	11	6	1	5
444			Architectural History and Design	6	8	4	2
			Architecture total	22	20	14	11
451		M E T A L L U R G Y	Physical Metallurgy	1	0	6	0
452			Inorganic Materials and	2	1	2	2
453			Composed Materials and Properties	2	1	4	0
454			Structural and Functional Materials	2	2	1	1
455		R	Metallurgy and Material	4	1	2	1
456			Metal Productive Engineering	2	1	1	0
			Material Engineering total	13	6	16	4
461		C H E M I S T R Y	Chemical Engineering in General	0	0	1	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	7	2
471		I N D U S T R I A L	Industrial Physical Chemistry	0	0	5	1
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	1	1	1	0
474			Synthetic Chemistry	3	1	0	0
475			Polymer Synthesis	3	0	2	3
476			Polymer Structure and Property (inclu. Fiber)	1	2	2	1
			Industrial Chemistry total	8	4	11	5
481		S Y N T H E T I C	Aeronautics	0	0	1	0
482			Ship Engineering	1	0	0	0
483			Marine Engineering	1	1	0	1
484			Resource Development Engineering	1	2	0	0
			Synthetic Engineering total	3	3	1	1
			ENGINEERING Total	106	85	168	67
501	A G R I C U L T U R E		Plant Breeding	1	1	0	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	2	0	2	1
504			Plant Protection	1	0	0	0
505			Sericultural Science and Economic Entomology	1	1	0	1
			Agriculture total	5	2	2	2
511			Plant Fertilizer and Manure and Soil Science	0	1	0	0
512			Applied Microbiochemistry and Applied Biochemistry	2	2	2	4
513			Biological Productive Chemistry and Bioorganic Chemistry	2	0	0	0
514			Food Science and Nutritional Chemistry	2	2	2	1

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

Code	Subj ect	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	26	5	4	41
427			Electronic Measurements	28	15	7	39
428			Control Engineering	15	1	5	21
			Electric and Electronic Engineering	282	119	78	464
431			Construction Materials and Dynamics in General Civil Engineering	14	6	6	28
432			Structural Engineering and Seismology	20	6	8	31
433			Ground Engineering	12	5	8	23
434			Hydraulics and River Engineering	19	3	17	37
435			Traffic Engineering and Regional Planning	15	6	12	33
436			Civil Environmental System	6	8	8	26
			Civil Engineering total	86	34	59	178
441		N	Building Structure and Materials	33	9	16	57
442			Building Science and Building Equipment	18	7	11	40
443			City Planning and Building Planning	27	2	22	56
444		I	Architectural History and Design	3	4	6	24
			Architecture total	81	22	55	177
451		N	Physical Metallurgy	9	1	2	15
452			Inorganic Materials and	21	7	9	35
453			Composed Materials and Properties	8	1	0	12
454		E	Structural and Functional Materials	10	5	3	16
455		R	Metallurgy and Material	17	7	3	24
456			Metal Productive Engineering	5	2	0	9
			Material Engineering total	70	23	17	111
461		I N D U S T R I A L	Chemical Engineering in General	13	7	3	17
462			Reaction and Separation Engineering	5	1	4	8
463			Catalyst and Chemical Process	6	4	1	11
464			Bioengineering	7	4	1	13
465			Industrial Analytical Chemistry	9	1	1	10
			Process Engineering total	40	17	10	59
471			Industrial Physical Chemistry	14	4	1	17
472			Industrial Inorganic Chemistry	4	1	2	8
473			Industrial Organic Chemistry	10	3	4	15
474			Synthetic Chemistry	15	3	3	21
475			Polymer Synthesis	13	5	6	23
476			Polymer Structure and Property (inclu. Fiber)	14	4	5	20
			Industrial Chemistry total	70	20	21	104
481			Aeronautics	5	2	1	9
482			Ship Engineering	1	0	1	3
483			Marine Engineering	5	2	4	11
484			Resource Development Engineering	2	0	0	4
			Synthetic Engineering total	13	4	6	27
			ENGINEERING Total	945	311	329	1,581
501	A G R I C U L T U R E		Plant Breeding	1	0	0	1
502			Crop Science	3	0	1	14
503			Horticulture and Landscape Architecture	5	0	5	9
504			Plant Protection	6	2	1	5
505			Sericultural Science and Economic Entomology	2	0	1	4
			Agriculture total	17	2	8	33
511			Plant Fertilizer and Manure and Soil Science	2	1	0	4
512			Applied Microbiochemistry and Applied Biochemistry	12	2	8	27
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	2	6
514			Food Science and Nutritional Chemistry	18	6	12	37

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	6	5	4	5
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	0	1	0
532			Fisheries Chemistry	0	1	1	0
			Fisheries total	0	1	2	0
541	I		Agricultural Economics	3	4	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1
552	U		Agricultural Machinery	0	0	1	0
553	L		Biological Environment	0	0	1	0
			Agricultural Engineering total	1	0	2	1
561	T		Animal Science and Grassland Science	1	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	1	0
	E		Animal Science·Veterinary Medicine total	4	1	4	1
571			Biological Resource Science	2	0	1	0
572			Applied Molecular Cell Biology	0	0	0	0
			Interdisciplinary Agricultural Science total	2	0	1	0
			AGRICULTURE Total	22	15	15	10
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	1	9	0
604			Pharmacology in General	3	2	7	0
605			Medical Chemistry in General	5	3	7	0
606			Pathological Medical Chemistry	1	2	6	1
			Physiology total	17	12	38	4
611	M		Hominal Pathology	7	6	5	1
612	E		Experimental Pathology	0	2	1	0
613	D		Parasitology (inclu. Medical Zoology)	1	2	7	2
614			Bacteriology (inclu. Eumycetes)	4	3	5	1
615	I		Virology	2	1	4	3
616			Immunology	1	3	6	2
			Pathology total	15	17	28	9
621	C		Hygiene	2	4	4	4
622	I		Public Health and Health Science	9	5	6	2
623			Legal Medicine	1	1	1	3
			Social Medicine total	12	10	11	9
631	N		Internal Medicine in General	5	4	8	4
632	E		Gastroenterology	10	10	1	2
633			Internal Medicine Respiratory System	8	4	3	0
634			Neurological Medicine	2	3	4	2
635			Cardioangiopathy	17	7	8	0
636			Pediatrics	12	6	10	0
637			Dermatology	5	5	1	0
638			Radiology	11	9	4	1
639			Neuropsychiatry	10	3	1	1
641			Hematology	3	3	9	1
642			Internal Medicine of Kidney	3	4	4	2
643			Embryology and Newborn	1	1	0	0
644			Endocrinology	1	1	3	0
645			Metabolic Science	0	4	0	0
			Internal Medicine total	88	64	56	13
651			Surgery in General	7	3	1	0
652			Gastroenterological Surgery	5	8	4	0
653			Thoracic Surgery	7	1	1	0

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
			Agricultural Chemistry total	35	10	22	74
521	A		Forestry	2	0	2	3
522	G		Wood Science	1	0	0	1
			Forestry total	3	0	2	4
531	R		Fisheries in General	6	0	6	13
532			Fisheries Chemistry	0	0	2	3
			Fisheries total	6	0	8	16
541	I		Agricultural Economics	5	0	4	12
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	4	3	0	7
552	U		Agricultural Machinery	0	0	0	1
553	L		Biological Environment	1	0	0	2
			Agricultural Engineering total	5	3	0	10
561	T		Animal Science and Grassland Science	5	1	2	9
562	U		Applied Animal Science	7	0	1	8
563	R		Basic Veterinary Medicine and Basic Animal Science	13	1	4	19
564			Applied Veterinary Medicine	8	2	7	18
	E		Animal Science·Veterinary Medicine total	33	4	14	54
571			Biological Resource Science	1	0	1	3
572			Applied Molecular Cell Biology	3	0	0	3
			Interdisciplinary Agricultural Science total	4	0	1	6
			AGRICULTURE Total	108	19	59	209
601			Anatomy in General (inclu. Histology, Embryology)	25	3	16	49
602			Physiology in General	11	6	11	29
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	14	1	13	32
604			Pharmacology in General	20	6	14	46
605			Medical Chemistry in General	15	5	10	38
606			Pathological Medical Chemistry	4	2	4	15
			Physiology total	89	23	68	209
611	M		Hominal Pathology	9	4	28	48
612	E		Experimental Pathology	5	1	8	16
613	D		Parasitology (inclu.Medical Zoology)	5	4	11	23
614			Bacteriology (inclu. Eumycetes)	8	5	11	30
615	I		Virology	8	3	7	16
616			Immunology	19	5	12	36
			Pathology total	54	22	77	169
621	C		Hygiene	12	5	22	38
622	I		Public Health and Health Science	22	4	39	72
623			Legal Medicine	4	2	7	13
			Social Medicine total	38	11	68	123
631	N		Internal Medicine in General	22	2	34	65
632	E		Gastroenterology	18	9	60	91
633			Internal Medicine Respiratory System	17	1	35	64
634			Neurological Medicine	12	1	20	39
635			Cardioangiopathy	30	5	74	116
636			Pediatrics	23	4	48	84
637			Dermatology	12	5	18	38
638			Radiology	41	8	45	96
639			Neuropsychiatry	30	7	45	82
641			Hematology	13	6	30	54
642			Internal Medicine of Kidney	7	3	21	38
643			Embryology and Newborn	0	0	4	4
644			Endocrinology	2	4	22	30
645			Metabolic Science	16	3	18	38
			Internal Medicine total	243	58	474	839
651			Surgery in General	13	3	34	52
652			Gastroenterological Surgery	30	4	57	92
653			Thoracic Surgery	18	3	35	55

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	8	3	1	0
655			Orthopedic Surgery	14	9	4	1
656			Anesthesiology and Rescue Medicine	3	1	9	0
657			Urology	4	4	3	1
658			Obstetrics and Gynecology	6	5	4	2
659			Oto-rhino-laryngology	2	3	3	1
660			Ophthalmology	1	6	4	0
661			Pediatric Surgery	0	1	1	0
662			Formative Surgery	1	2	1	0
			Surgery total	58	46	36	5
671	E		Oral Anatomy and Morphological Basic Dentistry	2	3	6	0
672	D		Functional Basic Dentistry	2	1	8	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	1	0
674	C		Conservative Dentistry	4	4	3	1
675	I		Prosthodontics and Dental Technology	6	5	4	0
676	N		Oral Surgery	5	7	7	0
677			Orthodontics, Pedodontics and Social Dentistry	5	6	3	1
678			Periodontological Dentistry	2	0	2	0
	E		Dentistry total	27	26	34	3
681			Chemical Pharmaceutics	9	2	9	0
682			Physical Pharmaceutics	5	4	3	0
683			Biopharmaceutics	11	7	6	3
684			Molecular Pharmaceutics	1	0	2	1
685			Environmental Pharmaceutics	1	0	0	0
		Pharmaceutics total	27	13	20	4	
691			Medical Sociology	2	3	2	1
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	4	2	1	0
694			Pathological Examination	2	0	1	1
696			Science of Basic and Local Nursing	1	0	1	0
697			Science of Clinical Nursing	0	1	2	1
			Medicine in General total	9	6	7	3
	MEDICINE Total			253	194	230	50
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	3	0
703			Physical Education	7	9	7	1
704			Human Geography	1	3	1	0
705			Physical Geography	0	0	1	1
			Geography total	1	3	2	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	A R E A		Educational Engineering	3	1	2	0
713			Curriculum Studies	4	7	5	1
714			Japanese Language Education	2	1	0	2
			Science Education·Curriculum Education total	11	10	8	4
721			Statistics	2	1	6	1
731			Computer Science	5	6	15	6
732			Intelligent Informatics	7	1	14	3
733	I		Study of Information System (Inclu. Library and Information Science)	6	5	7	2
			Information Science total	18	12	36	11
741			Social System Engineering	3	2	5	5
751			Natural Disaster Science	0	0	0	2
761			Plasma Science and Technology	1	1	4	1
772			Nuclear Fusion	0	0	0	0

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

Code	Subj ect	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	1	46	60
655			Orthopedic Surgery	21	8	81	100
656			Anesthesiology and Rescue Medicine	8	2	26	45
657			Urology	25	4	28	60
658			Obstetrics and Gynecology	18	6	46	76
659			Oto-rhino-laryngology	17	4	21	46
660			Ophthalmology	24	3	49	78
661			Pediatric Surgery	6	0	9	14
662			Formative Surgery	7	0	8	16
			Surgery total	201	38	440	694
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	33	1	21	59
672			Functional Basic Dentistry	34	2	13	53
673			Morbid Dentistry (inclu. Dental Radiology)	20	2	5	28
674			Conservative Dentistry	35	1	25	67
675			Prosthodontics and Dental Technology	59	7	32	100
676			Oral Surgery	47	4	41	92
677			Orthodontics, Pedodontics and Social Dentistry	46	1	37	85
678			Periodontological Dentistry	16	0	20	33
			Dentistry total	290	18	194	517
681		E	Chemical Pharmaceutics	54	11	13	78
682			Physical Pharmaceutics	33	4	4	42
683			Biopharmaceutics	63	19	18	108
684			Molecular Pharmaceutics	14	0	3	18
685			Environmental Pharmaceutics	5	1	0	6
			Pharmaceutics total	169	35	38	252
691			Medical Sociology	7	2	3	15
692			Human Genetics	4	0	2	6
693			Applied Pharmacology and Medical Pharmacology	21	1	10	33
694			Pathological Examination	5	4	9	18
696			Science of Basic and Local Nursing	6	1	13	20
697			Science of Clinical Nursing	4	2	10	19
			Medicine in General total	47	10	47	111
			MEDICINE Total	1,131	215	1,406	2,914
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	0	4	9
703			Physical Education	42	4	42	88
704			Human Geography	8	1	12	20
705			Physical Geography	4	0	6	12
			Geography total	12	1	18	32
706			Home Science(inclu. Cloth/Living Environments)	13	1	25	40
707			Food Culture	13	2	14	27
			Domestic Science total	26	3	39	67
708			Science of Cultural Property	0	0	1	0
711			Science Education	5	0	4	11
712			Educational Engineering	10	3	8	25
713			Curriculum Studies	9	1	22	38
714			Japanese Language Education	8	2	17	26
			Science Education·Curriculum Education total	32	6	51	100
721			Statistics	13	3	4	22
731			Computer Science	54	22	24	101
732			Intelligent Informatics	49	9	20	81
733			Study of Information System (Inclu. Library and Information Science)	30	7	19	64
			Information Science total	133	38	63	246
741			Social System Engineering	34	9	20	63
751			Natural Disaster Science	0	1	0	2
761			Plasma Science and Technology	9	1	5	18
772			Nuclear Fusion	1	1	1	3

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

Code	Subj ect	Subd ivision	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N T E R D I S C I P L I N A R Y A R E A		Energy Science General	0	0	1	0
774			Nuclear Power Science	0	0	1	0
		Energy total	0	0	2	0	
801			Environmental Dynamic Analysis	2	1	1	3
802			Environmental Influence Assessment (inclu. Radiobiology)	1	0	2	1
803			Environmental Preservation	2	2	1	4
		Environmental Science total	5	3	4	8	
811			Biological Organic Chemistry	1	0	2	1
812			Structured Biochemistry	4	0	2	2
813			Functional Biochemistry	4	2	5	1
		Biological Chemistry total	9	2	9	4	
821			Biophysics	1	0	9	0
822			Molecular Biology	1	4	12	1
823			Cell Biology	1	2	6	0
824			Developmental Biology	2	1	0	0
	Basic Biology total	5	7	27	1		
831		Neuroanatomy and Neuropathology	1	3	3	2	
832		Neurochemistry and Neuropharmacology	1	2	5	5	
833		Neuro Science in General	5	5	9	0	
834		Neuro and Muscular Physiology	4	0	9	0	
		Neuro Science (inclu. Brain Science) total	11	10	26	7	
841		Laboratory Animal Science	1	0	0	0	
851		Medical Organism Engineering and Material Science of Organism	7	3	17	2	
	INTERDISCIPLINARY AREA Total			84	64	162	49
999	WIDE AREA Total			27	20	9	5
	Item n.a. Total			13	12	10	1
	Grand Total			899	726	946	317

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	2	0	3	5
774			Nuclear Power Science	4	2	1	7
	E		Energy total	7	3	5	15
801	R		Environmental Dynamic Analysis	7	4	4	17
802			Environmental Influence Assessment (inclu. Radiobiology)	6	1	5	15
803	I		Environmental Preservation	14	4	7	27
	S		Environmental Science total	27	9	16	59
811	I		Biological Organic Chemistry	11	2	5	19
812			Structured Biochemistry	12	4	2	21
813	P		Functional Biochemistry	16	2	12	35
	L		Biological Chemistry total	39	8	19	75
821	N		Biophysics	6	0	4	18
822	A		Molecular Biology	19	6	17	51
823			Cell Biology	10	2	9	28
824	R		Developmental Biology	4	1	4	12
	Y		Basic Biology total	39	9	34	109
831	A		Neuroanatomy and Neuropathology	4	2	11	21
832			Neurochemistry and Neuropharmacology	11	1	5	28
833	E		Neuro Science in General	10	4	11	34
834			Neuro and Muscular Physiology	4	3	13	28
	A		Neuro Science (inclu. Brain Science) total	29	10	40	111
841			Laboratory Animal Science	5	0	0	5
851			Medical Organism Engineering and Material Science of Organism	38	8	18	72
	INTERDISCIPLINARY AREA Total			493	113	379	1,093
999	WIDE AREA Total			48	11	64	123
	Item n.a. Total			25	4	31	72
	Grand Total			4,227	849	3,343	9,115

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	11	16	17	2
212			Chinese Philosophy	8	10	4	3
213			Indian Philosophy (inclu. Buddhist Studies)	13	13	7	1
214			Religion	17	10	8	0
215			Ethics	3	2	5	2
216			History of Philosophy	4	5	5	0
217			Aesthetics (inclu. Arts)	34	33	7	10
218			Art History	19	5	6	0
		Philosophy total		109	94	59	18
221			Experimental Psychology	7	3	72	6
222			Educational and Social	17	17	76	1
223			Sociology	50	44	44	11
224			Education	31	37	81	12
225			Cultural Anthropology (inclu. Ethnology and Folklore)	19	27	23	3
		Psychology • Sociology • Education Cultural Anthropology total		124	128	296	33
231			Japanese History	19	17	8	3
232			Oriental History	25	33	19	6
233			European History	15	13	16	4
234			Archaeology (inclu. Prehistory)	16	4	14	3
		History total		75	67	57	16
241			Japanese Language	9	8	7	7
242			Japanese Literature	24	17	5	8
243			Chinese Language and Literature	18	8	7	7
244			English Language and Literature	22	38	35	5
245			French Language and Literature	2	11	10	2
246			German Language and Literature	4	17	12	2
247			Other Foreign Languages and Literatures	13	12	11	5
248			Linguistics and Phonetics	15	28	44	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	8	10	1	0
		Literature total		115	149	132	42
	ARTS • HUMANITIES Total		423	438	544	109	
261	LAW	Basic Science of Law	5	12	9	1	
262		Public Law	9	4	13	2	
263		International Law	29	9	8	14	
264		Civil Law	10	14	17	13	
265		Social Law	1	5	3	3	
266		Criminal Law	4	5	10	2	
267		Politics	46	58	30	20	
	LAW Total		104	107	90	55	
271	ECONOMICS	General Theory of Economics	33	26	42	8	
272		Economical Statistics	7	1	10	7	
273		Economic Policy (inclu. Economic Condition)	56	46	56	51	
274		Economic History	9	10	8	5	
275		Public Finance, Money and Banking	15	11	10	18	
276		Commercial Science	8	3	8	2	
277		Business Administration	29	23	20	5	
278		Accounting	6	8	18	0	
	ECONOMICS Total		163	128	172	96	
301	SCIENCE	Algebra	22	15	81	0	
302		Geometry	18	12	76	6	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	20	136	0	
305		Basic Analysis	10	10	114	3	
306		Larger-area Analysis	9	9	74	2	
		Mathematics total		73	66	481	11
311		Astronomy		7	11	71	6
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	36	27	271	9	

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

Code	Subj ect	Subd ivision	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS・HUMANITIES		Philosophy	38	1	27	107
212			Chinese Philosophy	5	3	9	36
213			Indian Philosophy (inclu. Buddhist Studies)	19	4	13	60
214			Religion	20	4	29	86
215			Ethics	6	0	12	29
216			History of Philosophy	8	2	11	36
217			Aesthetics (inclu. Arts)	41	2	80	195
218			Art History	10	3	21	61
		Philosophy total	147	19	202	610	
221			Experimental Psychology	76	16	80	240
222			Educational and Social	92	16	178	381
223			Sociology	101	21	148	391
224			Education	73	10	152	368
225			Cultural Anthropology (inclu. Ethnology and Folklore)	24	8	47	128
		Psychology・Sociology・Education Cultural Anthropology total	366	71	605	1,508	
231			Japanese History	15	8	28	96
232			Oriental History	19	10	53	159
233			European History	24	5	47	118
234			Archaeology (inclu. Prehistory)	6	4	25	61
		History total	64	27	153	434	
241			Japanese Language	9	1	30	68
242			Japanese Literature	31	2	34	118
243			Chinese Language and Literature	41	3	71	147
244			English Language and Literature	156	22	192	447
245			French Language and Literature	15	6	76	116
246			German Language and Literature	21	5	46	95
247			Other Foreign Languages and Literatures	36	8	64	148
248			Linguistics and Phonetics	111	9	113	317
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	22	1	30	71
		Literature total	442	57	656	1,527	
	ARTS・HUMANITIES Total			1,019	174	1,616	4,079
261	LAW	Basic Science of Law	12	4	21	62	
262		Public Law	19	6	45	86	
263		International Law	23	20	22	118	
264		Civil Law	29	26	51	156	
265		Social Law	15	0	14	39	
266		Criminal Law	7	2	16	46	
267		Politics	76	29	91	347	
	LAW Total			181	87	260	854
271	ECONOMICS	General Theory of Economics	53	18	58	217	
272		Economical Statistics	20	4	13	56	
273		Economic Policy (inclu. Economic Condition)	91	43	92	424	
274		Economic History	29	1	26	74	
275		Public Finance, Money and Banking	39	2	27	121	
276		Commercial Science	34	4	30	88	
277		Business Administration	76	11	100	260	
278		Accounting	41	6	46	118	
	ECONOMICS Total			383	89	392	1,358
301	SCIENCE	Algebra	16	5	23	149	
302		Geometry	18	3	24	152	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	50	16	46	267	
305		Basic Analysis	24	3	27	180	
306		Larger-area Analysis	24	1	19	127	
		Mathematics total	132	28	139	875	
311		Astronomy	18	24	17	138	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Phvsics, and Cosmic Phvsics	97	30	110	521	

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	17	12	76	18
323			Solid-State Physics II (Magnetism, Metal Physics,	15	17	133	17
324			Physical Properties in General (inclu. Basic Theories)	25	12	58	4
325			Physics in General	16	16	61	19
			Physics total	109	84	599	67
331			Physics of Solid Earth	7	9	60	5
332			Meteorology, Oceanography and Hydrology	20	28	98	48
333			Aeronomy	4	11	41	3
334			Geology	2	3	17	4
335			Stratigraphy and Paleontology	2	4	9	3
336			Mineralogy, Petrology and Study of Mineral Deposit	4	4	30	5
337			Geochemistry	3	2	13	4
			Earth Science total	42	61	268	72
341			Physical Chemistry	37	17	161	20
342			Organic Chemistry	26	9	121	5
343			Inorganic Chemistry	6	2	70	8
344			Function, Properties and Materials in Chemistry	8	5	71	7
345			Substance Transformation	1	0	4	0
346			Separation, Refining and Identification	11	4	24	2
			Chemistry total	89	37	451	42
351			Genetics	7	15	28	2
352			Ecology	13	10	40	7
353			Plant Physiology	12	9	53	11
354			Morphology, Structure of Organism	8	11	20	4
355			Animal Physiology and	9	2	23	10
356			Morphology and Taxonomy	11	1	25	3
			Biology total	60	48	189	37
361			Physical Anthropology (inclu. Physiological Anthropology)	3	5	15	1
	SCIENCE Total			383	312	2,074	236
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	13	3	62	9
402			Surface Physics	3	5	29	12
403			Applied Optics and Quantum Optics	10	5	70	15
404			General Applied Physics	5	3	29	7
405			Fundamentals of Engineering	4	3	30	0
			Applied Physics·Fundamentals of Engineering total	35	19	220	43
411			Materials for Machines and Strength of Materials	8	6	83	9
412			Workshop Processes and Production Engineering	5	11	55	9
413			Design Engineering, Machine Elements and Tribology	1	5	43	1
414			Fluid Mechanics	12	14	80	12
415			Heat Engineering	9	16	52	11
416			Mechanics and Control Engineering	4	3	32	9
417			Intelligent Mechanics and Machine System	2	6	101	14
			Machine Engineering total	41	61	446	65
421			Electric Power Engineering and Electric Machinery	5	10	66	8
422			Electronic and Electric Materials Engineering	6	12	102	8
423			Electron Devices and Apparatus Engineering	13	6	101	15
424			Information and Communication Engineering	16	26	166	30

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

Code	Subject	Subdivision	Item	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)	42	59	53	289
323			Solid-State Physics II (Magnetism, Metal Physics,	43	42	63	302
324			Physical Properties in General (inclu. Basic Theories)	33	26	27	173
325			Physics in General	28	25	43	200
			Physics total	243	182	296	1,485
331			Physics of Solid Earth	23	23	29	130
332			Meteorology, Oceanography and Hydrology	34	26	25	268
333			Aeronomy	21	1	6	66
334			Geology	1	4	31	63
335			Stratigraphy and Paleontology	9	4	26	52
336			Mineralogy, Petrology and Study of Mineral Deposit	9	12	32	96
337			Geochemistry	14	18	21	73
			Earth Science total	111	88	170	748
341			Physical Chemistry	92	72	113	483
342			Organic Chemistry	80	62	84	359
343			Inorganic Chemistry	53	33	61	222
344			Function, Properties and Materials in Chemistry	55	52	38	223
345			Substance Transformation	8	1	7	19
346			Separation, Refining and Identification	26	22	50	134
			Chemistry total	314	242	353	1,440
351			Genetics	9	16	16	86
352			Ecology	30	10	50	140
353			Plant Physiology	27	17	32	149
354			Morphology, Structure of Organism	15	8	15	80
355			Animal Physiology and	9	14	20	84
356			Morphology and Taxonomy	16	10	22	82
			Biology total	106	75	155	621
361			Physical Anthropology (inclu. Physiological Anthropology)	10	5	13	40
	SCIENCE Total			934	644	1,143	5,347
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	69	77	34	257
402			Surface Physics	35	25	27	129
403			Applied Optics and Quantum Optics	70	82	54	298
404			General Applied Physics	16	10	6	64
405			Fundamentals of Engineering	16	3	9	57
			Applied Physics·Fundamentals of Engineering total	206	197	130	805
411			Materials for Machines and Strength of Materials	103	144	58	390
412			Workshop Processes and Production Engineering	97	96	45	312
413			Design Engineering, Machine Elements and Tribology	27	40	28	140
414			Fluid Mechanics	87	146	69	415
415			Heat Engineering	79	117	60	317
416			Mechanics and Control Engineering	79	62	29	197
417			Intelligent Mechanics and Machine System	66	112	46	341
			Machine Engineering total	538	717	335	2,112
421	G		Electric Power Engineering and Electric Machinery	100	146	61	382
422			Electronic and Electric Materials Engineering	135	104	50	406
423			Electron Devices and Apparatus Engineering	140	165	47	461
424			Information and Communication Engineering	215	335	102	860

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E		System Engineering	20	14	62	7
427			Electronic Measurements	4	3	27	2
428			Control Engineering	1	8	57	3
			Electric and Electronic Engineering	65	79	581	73
431			Construction Materials and Dynamics in General Civil Engineering	12	9	20	6
432			Structural Engineering and Seismology	14	8	25	0
433			Ground Engineering	9	8	26	6
434			Hydraulics and River Engineering	6	8	48	14
435			Traffic Engineering and Regional Planning	9	6	28	7
436			Civil Environmental System	30	7	28	23
			Civil Engineering total	80	46	175	56
441		N	Building Structure and Materials	8	14	39	36
442			Building Science and Building Equipment	8	7	18	9
443			City Planning and Building Planning	36	12	43	6
444		I	Architectural History and Design	9	10	10	2
			Architecture total	61	43	110	53
451		N	Physical Metallurgy	4	7	70	4
452			Inorganic Materials and	8	6	44	8
453			Composed Materials and Properties	6	3	11	5
454		E	Structural and Functional Materials	21	7	56	9
455		R	Metallurgy and Material	10	8	40	3
456			Metal Productive Engineering	6	4	19	4
			Material Engineering total	55	35	240	33
461		I	Chemical Engineering in General	7	9	38	6
462			Reaction and Separation Engineering	4	4	34	6
463			Catalyst and Chemical Process	8	4	30	5
464			Bioengineering	3	6	37	14
465			Industrial Analytical Chemistry	4	1	30	2
			Process Engineering total	26	24	169	33
471			Industrial Physical Chemistry	12	10	55	11
472			Industrial Inorganic Chemistry	1	1	22	3
473			Industrial Organic Chemistry	7	3	24	11
474			Synthetic Chemistry	15	6	45	11
475			Polymer Synthesis	15	4	34	14
476			Polymer Structure and Property (inclu. Fiber)	25	14	27	12
			Industrial Chemistry total	75	38	207	62
481			Aeronautics	2	7	34	5
482			Ship Engineering	3	3	19	5
483			Marine Engineering	3	1	6	1
484			Resource Development Engineering	5	5	30	4
			Synthetic Engineering total	13	16	89	15
	ENGINEERING Total			451	361	2,237	433
501	A G R I C U L T U R E		Plant Breeding	6	3	24	1
502			Crop Science	4	4	10	3
503			Horticulture and Landscape Architecture	11	4	25	3
504			Plant Protection	3	5	22	0
505			Sericultural Science and Economic Entomology	3	1	5	1
			Agriculture total	27	17	86	8
511			Plant Fertilizer and Manure and Soil Science	7	6	15	4
512			Applied Microbiochemistry and Applied Biochemistry	18	10	55	18
513			Biological Productive Chemistry and Bioorganic Chemistry	4	1	18	2
514			Food Science and Nutritional Chemistry	19	28	21	8

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	62	28	29	209
427			Electronic Measurements	49	68	28	180
428			Control Engineering	45	81	50	225
			Electric and Electronic Engineering	746	927	367	2,723
431			Construction Materials and Dynamics in General Civil Engineering	46	66	17	169
432			Structural Engineering and Seismology	42	80	25	177
433			Ground Engineering	38	86	31	177
434			Hydraulics and River Engineering	51	90	42	230
435			Traffic Engineering and Regional Planning	33	57	40	146
436			Civil Environmental System	18	56	22	171
			Civil Engineering total	228	435	177	1,070
441		N	Building Structure and Materials	71	72	53	275
442			Building Science and Building Equipment	37	36	32	134
443			City Planning and Building Planning	47	25	67	216
444		I	Architectural History and Design	6	9	17	58
			Architecture total	161	142	169	683
451		N	Physical Metallurgy	29	52	11	148
452			Inorganic Materials and	47	70	35	195
453			Composed Materials and Properties	15	27	10	72
454		E	Structural and Functional Materials	34	85	17	214
455		R	Metallurgy and Material	33	101	18	209
456			Metal Productive Engineering	13	56	7	104
			Material Engineering total	171	391	98	942
461		G	Chemical Engineering in General	40	90	22	188
462			Reaction and Separation Engineering	31	60	10	134
463			Catalyst and Chemical Process	21	67	9	138
464			Bioengineering	31	37	17	136
465			Industrial Analytical Chemistry	15	26	9	81
			Process Engineering total	138	280	67	677
471			Industrial Physical Chemistry	49	84	23	226
472			Industrial Inorganic Chemistry	14	28	9	68
473			Industrial Organic Chemistry	12	24	10	84
474			Synthetic Chemistry	35	66	42	196
475			Polymer Synthesis	54	67	30	168
476			Polymer Structure and Property (inclu. Fiber)	43	50	27	169
			Industrial Chemistry total	207	319	141	911
481			Aeronautics	31	43	24	138
482			Ship Engineering	13	30	12	85
483			Marine Engineering	14	17	4	46
484			Resource Development Engineering	17	34	2	81
			Synthetic Engineering total	75	124	42	350
			ENGINEERING Total	2,470	3,532	1,526	10,273
501	A G R I C U L T U R E		Plant Breeding	5	11	14	61
502			Crop Science	8	7	12	39
503			Horticulture and Landscape Architecture	13	15	36	100
504			Plant Protection	19	22	25	87
505			Sericultural Science and Economic Entomology	4	0	6	18
			Agriculture total	49	55	93	305
511			Plant Fertilizer and Manure and Soil Science	5	7	7	50
512			Applied Microbiochemistry and Applied Biochemistry	42	56	31	193
513			Biological Productive Chemistry and Bioorganic Chemistry	16	28	8	64
514			Food Science and Nutritional Chemistry	57	65	48	221

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	48	45	109	32
521			Forestry	15	13	33	12
522	G		Wood Science	3	4	24	2
			Forestry total	18	17	57	14
531	R		Fisheries in General	15	9	64	6
532			Fisheries Chemistry	2	3	21	0
			Fisheries total	17	12	85	6
541	I		Agricultural Economics	6	17	15	7
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	3	7	17	4
552	U		Agricultural Machinery	3	1	20	0
553	L		Biological Environment	1	0	7	2
			Agricultural Engineering total	7	8	44	6
561	T		Animal Science and Grassland Science	4	0	12	3
562	U		Applied Animal Science	6	5	25	3
563	R		Basic Veterinary Medicine and Basic Animal Science	5	10	21	1
564			Applied Veterinary Medicine	5	4	10	3
	E		Animal Science·Veterinary Medicine total	20	19	68	10
571			Biological Resource Science	2	2	11	3
572			Applied Molecular Cell Biology	7	1	6	3
			Interdisciplinary Agricultural Science total	9	3	17	6
			AGRICULTURE Total	152	138	481	89
601			Anatomy in General (inclu. Histology, Embryology)	11	7	26	6
602			Physiology in General	5	5	42	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	12	1	30	2
604			Pharmacology in General	13	8	30	0
605			Medical Chemistry in General	22	17	53	2
606			Pathological Medical Chemistry	9	6	37	6
			Physiology total	72	44	218	18
611	M		Hominal Pathology	12	8	22	6
612	E		Experimental Pathology	7	12	17	12
613	D		Parasitology (inclu. Medical Zoology)	7	8	27	8
614			Bacteriology (inclu. Eumycetes)	14	11	32	11
615			Virology	16	12	26	12
616	I		Immunology	21	14	59	5
			Pathology total	77	65	183	54
621	C		Hygiene	9	5	27	6
622	I		Public Health and Health Science	31	23	21	22
623			Legal Medicine	2	2	7	8
			Social Medicine total	42	30	55	36
631	N		Internal Medicine in General	24	19	28	10
632	E		Gastroenterology	35	26	29	2
633			Internal Medicine Respiratory System	24	10	15	5
634			Neurological Medicine	16	20	44	9
635			Cardioangiopathy	51	16	39	1
636			Pediatrics	35	14	25	1
637			Dermatology	16	15	10	2
638			Radiology	41	25	31	1
639			Neuropsychiatry	25	13	27	2
641			Hematology	16	5	34	4
642			Internal Medicine of Kidney	18	5	9	3
643			Embryology and Newborn	2	2	0	0
644			Endocrinology	4	7	8	2
645			Metabolic Science	12	8	15	0
			Internal Medicine total	319	185	314	42
651			Surgery in General	29	11	9	2
652			Gastroenterological Surgery	36	32	24	1
653			Thoracic Surgery	12	3	14	5

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	120	156	94	528
521			Forestry	13	17	34	99
522	G		Wood Science	25	30	18	83
			Forestry total	38	47	52	182
531	R		Fisheries in General	27	17	44	178
532			Fisheries Chemistry	5	13	5	44
			Fisheries total	32	30	49	222
541	I		Agricultural Economics	9	3	32	89
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	12	15	17	70
552	U		Agricultural Machinery	15	22	15	61
553	L		Biological Environment	6	9	8	33
			Agricultural Engineering total	33	46	40	164
561	T		Animal Science and Grassland Science	9	14	16	58
562	U		Applied Animal Science	23	18	12	79
563	R		Basic Veterinary Medicine and Basic Animal Science	18	12	15	80
564			Applied Veterinary Medicine	18	7	13	60
	E		Animal Science·Veterinary Medicine total	68	51	56	277
571			Biological Resource Science	3	2	3	19
572			Applied Molecular Cell Biology	3	3	3	19
			Interdisciplinary Agricultural Science total	6	5	6	38
			AGRICULTURE Total	355	393	422	1,805
601			Anatomy in General (inclu. Histology, Embryology)	33	16	38	133
602			Physiology in General	22	28	53	150
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	27	11	41	122
604			Pharmacology in General	34	31	29	135
605			Medical Chemistry in General	26	25	30	169
606			Pathological Medical Chemistry	13	13	17	95
			Physiology total	155	124	208	804
611	M		Hominal Pathology	28	35	74	184
612	E		Experimental Pathology	18	28	44	127
613	D		Parasitology (inclu. Medical Zoology)	10	9	19	87
614			Bacteriology (inclu. Eumycetes)	18	31	35	143
615			Virology	20	19	29	123
616	I		Immunology	32	33	44	191
			Pathology total	126	155	245	855
621	C		Hygiene	24	20	49	140
622	I		Public Health and Health Science	32	40	120	267
623			Legal Medicine	20	13	23	76
			Social Medicine total	76	73	192	483
631	N		Internal Medicine in General	46	25	115	251
632	E		Gastroenterology	35	41	200	354
633			Internal Medicine Respiratory System	28	17	101	194
634			Neurological Medicine	24	23	80	200
635			Cardioangiopathy	68	89	229	473
636			Pediatrics	45	27	138	274
637			Dermatology	38	29	48	156
638			Radiology	126	73	168	448
639			Neuropsychiatry	50	35	110	254
641			Hematology	26	39	88	207
642			Internal Medicine of Kidney	18	29	57	134
643			Embryology and Newborn	1	4	10	19
644			Endocrinology	9	22	59	106
645			Metabolic Science	29	18	70	144
			Internal Medicine total	543	471	1,473	3,214
651			Surgery in General	21	24	98	189
652			Gastroenterological Surgery	79	42	159	343
653			Thoracic Surgery	37	26	101	194

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	32	13	9	0
655			Orthopedic Surgery	31	21	32	4
656			Anesthesiology and Rescue Medicine	13	12	41	1
657			Urology	23	19	9	1
658			Obstetrics and Gynecology	33	20	11	7
659			Oto-rhino-laryngology	4	8	25	2
660			Ophthalmology	22	19	20	0
661			Pediatric Surgery	2	1	6	0
662			Formative Surgery	2	3	1	0
			Surgery total	239	162	201	23
671	E		Oral Anatomy and Morphological Basic Dentistry	3	5	24	1
672	D		Functional Basic Dentistry	10	3	31	2
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	12	1
674	C		Conservative Dentistry	10	12	20	1
675	I		Prosthodontics and Dental Technology	11	8	40	0
676	N		Oral Surgery	11	41	33	2
677	E		Orthodontics, Pedodontics and Social Dentistry	23	14	35	1
678			Periodontological Dentistry	5	4	25	0
	Dentistry total		74	87	220	8	
681			Chemical Pharmaceutics	22	13	44	3
682			Physical Pharmaceutics	15	7	39	3
683			Biopharmaceutics	34	14	44	7
684			Molecular Pharmaceutics	6	1	17	4
685			Environmental Pharmaceutics	1	0	0	0
		Pharmaceutics total	78	35	144	17	
691			Medical Sociology	5	9	5	3
692			Human Genetics	1	1	12	0
693			Applied Pharmacology and Medical Pharmacology	10	3	4	3
694			Pathological Examination	8	2	10	3
696			Science of Basic and Local Nursing	3	3	7	1
697			Science of Clinical Nursing	3	11	11	3
			Medicine in General total	30	29	49	13
		MEDICINE Total	931	637	1,384	211	
702	INTERDISCIPLINARY AREA		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	3	2	4	1
703			Physical Education	18	20	44	4
704			Human Geography	4	8	20	2
705				Physical Geography	1	1	14
			Geography total	5	9	34	6
706		Home Science(inclu. Cloth/Living Environments)	3	2	14	1	
707			Food Culture	2	0	8	0
		Domestic Science total	5	2	22	1	
708		Science of Cultural Property	0	1	3	3	
711		Science Education	8	8	21	3	
712			Educational Engineering	6	2	29	2
713			Curriculum Studies	14	15	32	2
714			Japanese Language Education	6	3	12	5
		Science Education·Curriculum Education total	34	28	94	12	
721		Statistics	6	1	39	2	
731		Computer Science	14	14	188	23	
732			Intelligent Informatics	9	2	179	26
733		I		Study of Information System (Inclu. Library and Information Science)	13	10	62
	Information Science total			36	26	429	61
741	Social System Engineering			8	11	59	13
751	Natural Disaster Science			6	1	19	10
761	Plasma Science and Technology			6	6	87	5
772	Nuclear Fusion			1	1	45	2

Table 35. Total Number of Times Participating in 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	48	29	166	288
655			Orthopedic Surgery	51	87	353	572
656			Anesthesiology and Rescue Medicine	31	32	126	245
657			Urology	76	48	110	285
658			Obstetrics and Gynecology	37	23	158	285
659			Oto-rhino-laryngology	36	35	82	182
660			Ophthalmology	71	24	143	293
661			Pediatric Surgery	10	6	42	60
662			Formative Surgery	18	2	18	44
			Surgery total	515	378	1,556	2,980
671	E		Oral Anatomy and Morphological Basic Dentistry	45	4	40	122
672	D		Functional Basic Dentistry	48	14	25	133
673	I		Morbid Dentistry (inclu. Dental Radiology)	30	6	21	71
674	C		Conservative Dentistry	64	16	65	188
675	I		Prosthodontics and Dental Technology	81	23	113	276
676	N		Oral Surgery	99	16	149	350
677	E		Orthodontics, Pedodontics and Social Dentistry	73	27	119	292
678			Periodontological Dentistry	37	15	28	114
	Dentistry total		477	121	560	1,546	
681				Chemical Pharmaceutics	100	62	23
682		Physical Pharmaceutics		65	29	18	165
683		Biopharmaceutics		109	87	39	314
684		Molecular Pharmaceutics		35	13	11	75
685		Environmental Pharmaceutics		5	1	0	7
		Pharmaceutics total		314	192	91	806
691			Medical Sociology	17	11	11	59
692			Human Genetics	7	1	8	30
693			Applied Pharmacology and Medical Pharmacology	39	19	20	97
694			Pathological Examination	12	26	26	85
696			Science of Basic and Local Nursing	14	4	53	85
697			Science of Clinical Nursing	21	3	58	110
			Medicine in General total	110	64	176	466
			MEDICINE Total	2,316	1,578	4,501	11,154
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)	14	1	13	30
703			Physical Education	79	23	127	310
704			Human Geography	16	3	41	88
705			Physical Geography	5	4	30	59
			Geography total	21	7	71	147
706			Home Science(inclu. Cloth/Living Environments)	19	5	44	88
707			Food Culture	26	3	40	79
			Domestic Science total	45	8	84	167
708			Science of Cultural Property	2	1	1	10
711		A R E A	Science Education	14	2	22	76
712	Educational Engineering		17	17	16	88	
713	Curriculum Studies		22	3	95	178	
714	Japanese Language Education		21	6	43	95	
	Science Education·Curriculum Education total		74	28	176	437	
721	Statistics		24	13	22	105	
731	Computer Science		158	198	89	653	
732	Intelligent Informatics		113	151	83	533	
733	I		Study of Information System (Inclu. Library and Information Science)	53	56	36	219
			Information Science total	324	405	208	1,405
741			Social System Engineering	70	27	54	237
751			Natural Disaster Science	6	7	15	31
761			Plasma Science and Technology	25	48	31	193
772			Nuclear Fusion	7	26	9	78

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	1	4	15	6
774			Nuclear Power Science	1	5	28	3
	E		Energy total	3	10	88	11
801	R		Environmental Dynamic Analysis	8	5	31	25
802			Environmental Influence Assessment (inclu. Radiobiology)	9	1	23	5
803			Environmental Preservation	12	14	15	22
			Environmental Science total	29	20	69	52
811	P		Biological Organic Chemistry	6	1	22	5
812			Structured Biochemistry	10	1	22	4
813			Functional Biochemistry	11	8	26	5
			Biological Chemistry total	27	10	70	14
821	N		Biophysics	18	11	53	18
822			Molecular Biology	24	26	150	28
823			Cell Biology	13	7	72	7
824			Developmental Biology	17	7	33	5
			Basic Biology total	72	51	308	58
831	A		Neuroanatomy and Neuropathology	4	7	17	3
832			Neurochemistry and Neuropharmacology	3	7	30	13
833			Neuro Science in General	12	10	57	5
834			Neuro and Muscular Physiology	9	0	38	6
			Neuro Science (inclu. Brain Science) total	28	24	142	27
841			Laboratory Animal Science	3	0	7	5
851			Medical Organism Engineering and Material Science of Organism	24	11	132	21
	INTERDISCIPLINARY AREA Total			313	233	1,650	306
999	WIDE AREA Total			54	43	41	18
	Item n.a. Total			27	35	67	7
	Grand Total			3,001	2,432	8,740	1,560

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	4	8	8	39
774	T		Nuclear Power Science	13	39	14	77
	E		Energy total	24	73	31	194
801	R		Environmental Dynamic Analysis	27	39	17	135
802	D		Environmental Influence Assessment (inclu. Radiobiology)	10	16	19	74
803	S		Environmental Preservation	29	37	26	144
	C		Environmental Science total	66	92	62	353
811	I		Biological Organic Chemistry	25	23	29	102
812	P		Structured Biochemistry	21	22	15	86
813	L		Functional Biochemistry	24	19	23	114
	I		Biological Chemistry total	70	64	67	302
821	N		Biophysics	22	28	27	160
822	A		Molecular Biology	48	46	61	341
823	R		Cell Biology	27	23	32	166
824	Y		Developmental Biology	10	7	22	86
			Basic Biology total	107	104	142	753
831	A		Neuroanatomy and Neuropathology	7	8	29	68
832	E		Neurochemistry and Neuropharmacology	19	14	18	103
833	A		Neuro Science in General	23	23	35	150
834			Neuro and Muscular Physiology	21	18	23	111
			Neuro Science (inclu. Brain Science) total	70	63	105	432
841			Laboratory Animal Science	12	14	0	39
851			Medical Organism Engineering and Material Science of Organism	86	70	94	412
			INTERDISCIPLINARY AREA Total	1,119	1,048	1,303	5,557
999			WIDE AREA Total	80	61	167	400
			Item n.a. Total	88	75	108	396
			Grand Total	8,945	7,681	11,438	41,223

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	3	7	15	2
212			Chinese Philosophy	4	3	4	3
213			Indian Philosophy (inclu. Buddhist Studies)	4	4	6	0
214			Religion	3	1	6	0
215			Ethics	2	1	4	2
216			History of Philosophy	1	0	2	0
217			Aesthetics (inclu. Arts)	10	14	4	1
218			Art History	12	5	4	0
		Philosophy total		39	35	45	8
221			Experimental Psychology	2	1	55	0
222			Educational and Social	7	8	55	0
223			Sociology	8	16	17	6
224			Education	13	17	75	5
225			Cultural Anthropology (inclu. Ethnology and Folklore)	7	8	16	0
		Psychology•Sociology•Education Cultural Anthropology total		37	50	218	11
231			Japanese History	11	5	4	0
232			Oriental History	11	15	15	3
233			European History	8	1	13	2
234			Archaeology (inclu. Prehistory)	8	3	11	2
		History total		38	24	43	7
241			Japanese Language	5	4	6	2
242			Japanese Literature	6	4	3	3
243			Chinese Language and Literature	11	0	5	3
244			English Language and Literature	2	4	22	1
245			French Language and Literature	2	4	5	2
246			German Language and Literature	0	7	9	0
247			Other Foreign Languages and Literatures	9	3	11	1
248			Linguistics and Phonetics	6	8	34	4
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	2	3	1	0
		Literature total		43	37	96	16
	ARTS•HUMANITIES Total		157	146	402	42	
261	LAW	Basic Science of Law	2	8	6	1	
262		Public Law	3	3	3	1	
263		International Law	10	6	2	9	
264		Civil Law	6	4	8	3	
265		Social Law	0	1	1	1	
266		Criminal Law	0	3	7	0	
267		Politics	9	12	11	9	
	LAW Total		30	37	38	24	
271	ECONOMICS	General Theory of Economics	14	7	25	2	
272		Economical Statistics	2	0	4	0	
273		Economic Policy (inclu. Economic Condition)	11	15	34	11	
274		Economic History	5	7	3	2	
275		Public Finance, Money and Banking	3	3	7	7	
276		Commercial Science	0	0	3	0	
277		Business Administration	10	1	10	0	
278		Accounting	1	5	11	0	
	ECONOMICS Total		46	38	97	22	
301	SCIENCE	Algebra	21	7	56	0	
302		Geometry	9	6	53	4	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	14	20	105	0	
305		Basic Analysis	7	8	91	3	
306		Larger-area Analysis	7	7	54	2	
		Mathematics total		58	48	359	9
311		Astronomy	7	11	70	6	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	24	16	241	7	

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

Code	Subj ect	Subd ivisio n	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
211	ARTS • HUMANITIES		Philosophy	0	0	12	36
212			Chinese Philosophy	0	1	2	13
213			Indian Philosophy (inclu. Buddhist Studies)	1	0	2	12
214			Religion	2	3	5	19
215			Ethics	0	0	6	14
216			History of Philosophy	0	2	1	6
217			Aesthetics (inclu. Arts)	2	1	29	56
218			Art History	3	2	10	34
			Philosophy total	8	9	67	190
221			Experimental Psychology	7	11	39	96
222			Educational and Social	7	10	86	163
223			Sociology	3	6	40	93
224			Education	11	5	84	195
225			Cultural Anthropology (inclu. Ethnology and Folklore)	6	3	20	45
		Psychology • Sociology • Education Cultural Anthropology total	34	35	269	592	
231			Japanese History	0	2	12	34
232			Oriental History	2	6	24	71
233			European History	4	3	21	52
234			Archaeology (inclu. Prehistory)	3	4	12	32
		History total	9	15	69	189	
241			Japanese Language	1	0	12	30
242			Japanese Literature	0	0	14	29
243			Chinese Language and Literature	5	1	36	55
244			English Language and Literature	13	6	39	81
245			French Language and Literature	0	0	11	18
246			German Language and Literature	4	2	16	27
247			Other Foreign Languages and Literatures	1	6	16	46
248			Linguistics and Phonetics	15	3	38	102
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	9	14
		Literature total	39	18	191	402	
	ARTS•HUMANITIES Total			90	77	596	1,373
261	LAW		Basic Science of Law	1	2	10	29
262			Public Law	8	1	35	42
263			International Law	2	15	6	43
264			Civil Law	1	13	22	56
265			Social Law	0	0	6	8
266			Criminal Law	1	1	2	14
267			Politics	10	15	41	106
	LAW Total			23	47	122	298
271	ECONOMICS		General Theory of Economics	6	9	20	63
272			Economical Statistics	2	2	10	17
273			Economic Policy (inclu. Economic Condition)	13	16	23	114
274			Economic History	6	1	6	17
275			Public Finance, Money and Banking	0	1	12	30
276			Commercial Science	0	1	3	7
277			Business Administration	3	6	13	43
278			Accounting	0	3	6	21
	ECONOMICS Total			30	39	93	312
301	SCIENCE		Algebra	2	5	21	99
302			Geometry	4	2	16	90
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	7	14	23	172
305			Basic Analysis	4	3	22	127
306			Larger-area Analysis	4	1	13	79
		Mathematics total	21	25	95	567	
311		Astronomy	11	24	16	129	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	45	27	87	390

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	14	10	65	17
323			Solid-State Physics II (Magnetism, Metal Physics,	13	17	117	15
324			Physical Properties in General (inclu. Basic Theories)	23	11	48	4
325			Physics in General	13	8	46	19
			Physics total	87	62	517	62
331			Physics of Solid Earth	7	9	60	4
332			Meteorology, Oceanography and Hydrology	20	28	89	43
333			Aeronomy	1	6	39	0
334			Geology	2	1	16	2
335			Stratigraphy and Paleontology	0	2	8	1
336			Mineralogy, Petrology and Study of Mineral Deposit	4	4	29	4
337			Geochemistry	2	2	12	4
			Earth Science total	36	52	253	58
341			Physical Chemistry	16	13	130	20
342			Organic Chemistry	22	6	102	5
343			Inorganic Chemistry	5	2	54	4
344			Function, Properties and Materials in Chemistry	5	5	64	5
345			Substance Transformation	1	0	4	0
346			Separation, Refining and Identification	5	4	22	2
			Chemistry total	54	30	376	36
351			Genetics	7	9	23	2
352			Ecology	5	10	35	3
353			Plant Physiology	9	6	48	6
354			Morphology, Structure of Organism	6	9	16	3
355			Animal Physiology and	5	1	22	9
356			Morphology and Taxonomy	7	1	23	3
			Biology total	39	36	167	26
361			Physical Anthropology (inclu. Physiological Anthropology)	2	3	12	0
	SCIENCE Total			283	242	1,754	197
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	7	3	54	9
402			Surface Physics	2	3	28	9
403			Applied Optics and Quantum Optics	5	5	52	9
404			General Applied Physics	4	3	25	5
405			Fundamentals of Engineering	2	1	28	0
			Applied Physics·Fundamentals of Engineering total	20	15	187	32
411			Materials for Machines and Strength of Materials	6	3	70	6
412			Workshop Processes and Production Engineering	4	6	36	8
413			Design Engineering, Machine Elements and Tribology	0	4	37	0
414			Fluid Mechanics	10	8	68	9
415			Heat Engineering	3	13	44	7
416			Mechanics and Control Engineering	0	2	26	8
417			Intelligent Mechanics and Machine System	1	2	79	11
			Machine Engineering total	24	38	360	49
421			Electric Power Engineering and Electric Machinery	2	6	53	8
422			Electronic and Electric Materials Engineering	3	3	66	5
423			Electron Devices and Apparatus Engineering	10	2	85	10
424			Information and Communication Engineering	8	16	128	16

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

Code	Subject	Subdivision	Item	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)	12	47	41	195
323			Solid-State Physics II (Magnetism, Metal Physics,	13	37	51	235
324			Physical Properties in General (inclu. Basic Theories)	12	20	17	123
325			Physics in General	5	18	32	133
			Physics total	87	149	228	1,076
331			Physics of Solid Earth	18	21	29	122
332			Meteorology, Oceanography and Hydrology	28	22	19	238
333			Aeronomy	17	1	5	49
334			Geology	0	4	27	53
335			Stratigraphy and Paleontology	2	2	19	31
336			Mineralogy, Petrology and Study of Mineral Deposit	5	11	29	86
337			Geochemistry	6	16	18	58
			Earth Science total	76	77	146	637
341			Physical Chemistry	17	69	83	320
342			Organic Chemistry	29	54	65	257
343			Inorganic Chemistry	24	32	45	156
344			Function, Properties and Materials in Chemistry	13	45	30	155
345			Substance Transformation	4	1	4	12
346			Separation, Refining and Identification	9	18	34	89
			Chemistry total	96	219	261	989
351			Genetics	6	11	16	67
352			Ecology	13	8	37	91
353			Plant Physiology	10	16	15	99
354			Morphology, Structure of Organism	8	5	12	58
355			Animal Physiology and	1	5	14	54
356			Morphology and Taxonomy	5	6	18	57
			Biology total	43	51	112	426
361			Physical Anthropology (inclu. Physiological Anthropology)	4	4	6	19
			SCIENCE Total	338	549	864	3,843
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	27	67	24	182
402			Surface Physics	16	24	18	93
403			Applied Optics and Quantum Optics	27	68	20	181
404			General Applied Physics	9	8	4	47
405			Fundamentals of Engineering	3	3	9	38
			Applied Physics·Fundamentals of Engineering total	82	170	75	541
411			Materials for Machines and Strength of Materials	42	118	35	259
412			Workshop Processes and Production Engineering	21	74	14	152
413			Design Engineering, Machine Elements and Tribology	8	36	25	106
414			Fluid Mechanics	21	125	49	286
415			Heat Engineering	29	93	43	206
416			Mechanics and Control Engineering	22	48	23	108
417			Intelligent Mechanics and Machine System	32	100	32	251
			Machine Engineering total	175	594	221	1,368
421			Electric Power Engineering and Electric Machinery	30	102	29	217
422			Electronic and Electric Materials Engineering	52	80	22	220
423			Electron Devices and Apparatus Engineering	68	131	21	305
424			Information and Communication Engineering	92	228	72	532

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

Code	Subj ect	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	10	46	4
427			Electronic Measurements	4	2	24	2
428			Control Engineering	1	4	46	3
			Electric and Electronic Engineering	38	43	448	48
431			Construction Materials and Dynamics in General Civil Engineering	7	2	17	4
432			Structural Engineering and Seismology	13	3	20	0
433			Ground Engineering	7	7	25	6
434			Hydraulics and River Engineering	3	5	43	11
435			Traffic Engineering and Regional Planning	5	6	24	2
436			Civil Environmental System	5	3	27	16
			Civil Engineering total	40	26	156	39
441		N	Building Structure and Materials	5	6	28	11
442			Building Science and Building Equipment	2	0	15	5
443			City Planning and Building Planning	20	6	42	1
444		I	Architectural History and Design	2	1	4	0
			Architecture total	29	13	89	17
451		N	Physical Metallurgy	3	7	60	4
452			Inorganic Materials and	6	4	42	5
453			Composed Materials and Properties	3	2	7	4
454		E	Structural and Functional Materials	8	3	54	8
455		R	Metallurgy and Material	6	7	37	2
456			Metal Productive Engineering	2	2	18	4
			Material Engineering total	28	25	218	27
461		I	Chemical Engineering in General	7	9	37	6
462			Reaction and Separation Engineering	4	4	30	6
463			Catalyst and Chemical Process	4	3	28	3
464			Bioengineering	2	6	29	12
465			Industrial Analytical Chemistry	3	1	28	2
			Process Engineering total	20	23	152	29
471			Industrial Physical Chemistry	12	7	44	8
472			Industrial Inorganic Chemistry	1	1	20	3
473			Industrial Organic Chemistry	6	2	18	11
474			Synthetic Chemistry	8	3	41	11
475			Polymer Synthesis	7	4	31	5
476			Polymer Structure and Property (inclu. Fiber)	24	10	22	11
			Industrial Chemistry total	58	27	176	49
481			Aeronautics	2	7	33	5
482			Ship Engineering	2	3	18	4
483			Marine Engineering	2	0	5	0
484			Resource Development Engineering	4	3	30	4
			Synthetic Engineering total	10	13	86	13
			ENGINEERING Total	267	223	1,872	303
501	A G R I C U L T U R E		Plant Breeding	2	2	22	1
502			Crop Science	4	4	10	3
503			Horticulture and Landscape Architecture	9	4	21	1
504			Plant Protection	1	4	22	0
505			Sericultural Science and Economic Entomology	2	0	5	0
			Agriculture total	18	14	80	5
511			Plant Fertilizer and Manure and Soil Science	7	3	13	4
512			Applied Microbiochemistry and Applied Biochemistry	13	7	51	13
513			Biological Productive Chemistry and Bioorganic Chemistry	1	1	17	2
514			Food Science and Nutritional Chemistry	10	4	15	6

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
425	E		System Engineering	20	21	23	121
427			Electronic Measurements	12	43	13	99
428			Control Engineering	13	69	35	152
			Electric and Electronic Engineering	287	674	215	1,646
431			Construction Materials and Dynamics in General Civil Engineering	31	59	11	124
432			Structural Engineering and Seismology	14	71	9	114
433			Ground Engineering	23	78	19	139
434			Hydraulics and River Engineering	20	84	19	156
435			Traffic Engineering and Regional Planning	12	46	16	77
436			Civil Environmental System	8	41	14	101
			Civil Engineering total	108	379	88	711
441		N	Building Structure and Materials	14	51	22	121
442			Building Science and Building Equipment	6	25	16	56
443		G	City Planning and Building Planning	12	22	39	125
444		I	Architectural History and Design	1	3	9	15
			Architecture total	33	101	86	317
451		N	Physical Metallurgy	16	50	9	120
452			Inorganic Materials and	21	57	19	133
453		E	Composed Materials and Properties	6	21	8	46
454		E	Structural and Functional Materials	19	64	14	155
455		R	Metallurgy and Material	10	89	11	158
456			Metal Productive Engineering	7	49	7	84
			Material Engineering total	79	330	68	696
461		I	Chemical Engineering in General	19	80	16	150
462			Reaction and Separation Engineering	20	57	5	113
463			Catalyst and Chemical Process	12	61	8	113
464			Bioengineering	22	29	15	107
465			Industrial Analytical Chemistry	0	25	6	59
			Process Engineering total	73	252	50	542
471			Industrial Physical Chemistry	28	70	18	172
472			Industrial Inorganic Chemistry	9	25	6	55
473			Industrial Organic Chemistry	0	19	5	56
474			Synthetic Chemistry	17	56	34	147
475			Polymer Synthesis	32	56	18	103
476			Polymer Structure and Property (inclu. Fiber)	24	41	18	121
			Industrial Chemistry total	110	267	99	654
481			Aeronautics	22	38	18	117
482			Ship Engineering	10	28	11	76
483			Marine Engineering	4	14	0	25
484			Resource Development Engineering	12	34	2	73
			Synthetic Engineering total	48	114	31	291
	ENGINEERING Total			995	2,881	933	6,766
501	A G R I C U L T U R E		Plant Breeding	2	11	9	49
502			Crop Science	3	7	11	33
503			Horticulture and Landscape Architecture	4	15	27	74
504			Plant Protection	12	16	22	70
505			Sericultural Science and Economic Entomology	2	0	5	12
			Agriculture total	23	49	74	238
511			Plant Fertilizer and Manure and Soil Science	2	6	6	41
512			Applied Microbiochemistry and Applied Biochemistry	19	51	20	139
513			Biological Productive Chemistry and Bioorganic Chemistry	12	27	6	53
514			Food Science and Nutritional Chemistry	13	51	24	101

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	31	15	96	25
521			Forestry	14	10	33	12
522	G		Wood Science	3	4	23	2
			Forestry total	17	14	56	14
531	R		Fisheries in General	15	9	60	5
532			Fisheries Chemistry	2	2	19	0
			Fisheries total	17	11	79	5
541	I		Agricultural Economics	1	11	14	6
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	5	17	2
552	U		Agricultural Machinery	3	1	18	0
553	L		Biological Environment	1	0	5	1
			Agricultural Engineering total	5	6	40	3
561	T		Animal Science and Grassland Science	3	0	12	2
562	U		Applied Animal Science	5	5	22	3
563	R		Basic Veterinary Medicine and Basic Animal Science	4	9	18	1
564			Applied Veterinary Medicine	3	4	9	3
	E		Animal Science·Veterinary Medicine total	15	18	61	9
571			Biological Resource Science	0	2	9	3
572			Applied Molecular Cell Biology	7	1	5	3
			Interdisciplinary Agricultural Science total	7	3	14	6
			AGRICULTURE Total	111	92	440	73
601			Anatomy in General (inclu. Histology, Embryology)	8	2	16	4
602			Physiology in General	3	4	32	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	6	0	15	2
604			Pharmacology in General	10	5	21	0
605			Medical Chemistry in General	13	11	43	2
606			Pathological Medical Chemistry	6	3	29	5
			Physiology total	46	25	156	13
611	M		Hominal Pathology	4	1	11	4
612	E		Experimental Pathology	7	8	12	7
613	D		Parasitology (inclu. Medical Zoology)	6	5	15	2
614			Bacteriology (inclu. Eumycetes)	4	6	20	7
615	I		Virology	13	10	21	9
616			Immunology	18	9	49	3
			Pathology total	52	39	128	32
621	C		Hygiene	2	1	13	1
622	I		Public Health and Health Science	12	14	9	12
623			Legal Medicine	1	1	5	4
			Social Medicine total	15	16	27	17
631	N		Internal Medicine in General	12	7	13	4
632	E		Gastroenterology	12	11	23	0
633			Internal Medicine Respiratory System	10	5	11	4
634			Neurological Medicine	12	13	37	7
635			Cardioangiopathy	15	8	28	1
636			Pediatrics	20	7	13	1
637			Dermatology	8	7	6	2
638			Radiology	21	12	24	0
639			Neuropsychiatry	9	10	22	1
641			Hematology	7	0	17	3
642			Internal Medicine of Kidney	6	1	5	1
643			Embryology and Newborn	1	0	0	0
644			Endocrinology	2	5	3	2
645			Metabolic Science	11	4	13	0
			Internal Medicine total	146	90	215	26
651			Surgery in General	16	4	8	2
652			Gastroenterological Surgery	22	16	18	0
653			Thoracic Surgery	4	2	13	5

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

Code	Subj ect	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	46	135	56	334
521			Forestry	11	16	28	89
522	G		Wood Science	21	30	18	78
			Forestry total	32	46	46	167
531	R		Fisheries in General	18	17	37	157
532			Fisheries Chemistry	4	13	3	38
			Fisheries total	22	30	40	195
541	I		Agricultural Economics	3	3	25	63
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	11	17	54
552	U		Agricultural Machinery	15	20	15	57
553	L		Biological Environment	2	9	8	26
			Agricultural Engineering total	23	40	40	137
561	T		Animal Science and Grassland Science	4	13	13	47
562	U		Applied Animal Science	15	18	11	67
563	R		Basic Veterinary Medicine and Basic Animal Science	4	10	11	55
564			Applied Veterinary Medicine	8	5	6	38
	E		Animal Science·Veterinary Medicine total	31	46	41	207
571			Biological Resource Science	1	2	2	13
572			Applied Molecular Cell Biology	0	2	3	14
			Interdisciplinary Agricultural Science total	1	4	5	27
			AGRICULTURE Total	181	353	327	1,368
601			Anatomy in General (inclu. Histology, Embryology)	2	12	18	58
602			Physiology in General	8	20	28	91
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	9	6	19	55
604			Pharmacology in General	10	23	11	70
605			Medical Chemistry in General	8	17	15	106
606			Pathological Medical Chemistry	8	9	9	64
			Physiology total	45	87	100	444
611	M		Hominal Pathology	13	25	33	90
612	E		Experimental Pathology	10	24	31	89
613	D		Parasitology (inclu.Medical Zoology)	4	1	3	36
614			Bacteriology (inclu. Eumycetes)	8	19	19	75
615			Virology	10	15	13	80
616	I		Immunology	9	26	22	121
			Pathology total	54	110	121	491
621	C		Hygiene	8	9	17	51
622			Public Health and Health Science	4	33	55	128
623	I		Legal Medicine	8	8	13	39
			Social Medicine total	20	50	85	218
631	N		Internal Medicine in General	6	21	59	111
632	E		Gastroenterology	12	29	82	154
633			Internal Medicine Respiratory System	7	16	42	89
634			Neurological Medicine	8	22	45	132
635			Cardioangiolo	20	76	91	224
636			Pediatrics	16	23	59	133
637			Dermatology	17	21	22	82
638			Radiology	73	60	100	274
639			Neuropsychiatry	12	24	42	117
641			Hematology	10	30	36	100
642			Internal Medicine of Kidney	6	22	25	60
643			Embryology and Newborn	1	4	1	7
644			Endocrinology	7	16	32	62
645			Metabolic Science	6	14	38	78
			Internal Medicine total	201	378	674	1,623
651			Surgery in General	4	18	39	86
652			Gastroenterological Surgery	28	34	63	148
653			Thoracic Surgery	6	20	46	93

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	16	6	7	0
655			Orthopedic Surgery	12	6	28	2
656			Anesthesiology and Rescue Medicine	9	8	26	1
657			Urology	17	6	5	0
658			Obstetrics and Gynecology	16	10	5	4
659			Oto-rhino-laryngology	2	5	20	1
660			Ophthalmology	21	11	13	0
661			Pediatric Surgery	0	0	5	0
662			Formative Surgery	0	0	0	0
			Surgery total	135	74	148	15
671	E	D	Oral Anatomy and Morphological Basic Dentistry	1	1	15	1
672	Functional Basic Dentistry		5	1	21	1	
673	Morbid Dentistry (inclu. Dental Radiology)		0	0	9	1	
674	Conservative Dentistry		3	4	16	0	
675	Prosthodontics and Dental Technology		5	2	35	0	
676	Oral Surgery		5	33	25	2	
677	Orthodontics, Pedodontics and Social Dentistry		16	8	30	0	
678	Periodontological Dentistry		2	4	22	0	
	Dentistry total		37	53	173	5	
681	E		Chemical Pharmaceutics	11	9	30	3
682			Physical Pharmaceutics	8	3	33	2
683			Biopharmaceutics	18	6	36	4
684			Molecular Pharmaceutics	5	1	13	1
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	42	19	112	10
691			Medical Sociology	3	1	3	2
692			Human Genetics	1	1	12	0
693			Applied Pharmacology and Medical Pharmacology	2	0	3	3
694			Pathological Examination	2	2	9	2
696			Science of Basic and Local Nursing	0	0	5	0
697			Science of Clinical Nursing	1	0	6	1
			Medicine in General total	9	4	38	8
			MEDICINE Total	482	320	997	126
702	INTERDISCIPLINARY AREAS		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	2	2	0	1
703			Physical Education	8	8	32	3
704			Human Geography	3	0	13	0
705			Physical Geography	1	1	12	2
			Geography total	4	1	25	2
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	3	3
711			Science Education	6	7	19	2
712			Educational Engineering	3	1	25	2
713			Curriculum Studies	6	5	22	1
714			Japanese Language Education	3	2	12	1
			Science Education·Curriculum Education total	18	15	78	6
721			Statistics	4	0	30	1
731			Computer Science	7	7	162	16
732			Intelligent Informatics	1	1	152	21
733			I		Study of Information System (Inclu. Library and Information Science)	6	3
	Information Science total	14			11	366	44
741	Social System Engineering	4			1	40	4
751	Natural Disaster Science	5			1	19	8
761	Plasma Science and Technology	5			5	81	1
772	Nuclear Fusion	1			1	45	2

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	20	28	71	142
655			Orthopedic Surgery	15	61	172	294
656			Anesthesiology and Rescue Medicine	21	27	67	154
657			Urology	41	40	50	158
658			Obstetrics and Gynecology	10	16	62	121
659			Oto-rhino-laryngology	5	26	44	95
660			Ophthalmology	31	19	69	156
661			Pediatric Surgery	3	6	23	37
662			Formative Surgery	3	2	5	10
			Surgery total	187	297	711	1,494
671	E		Oral Anatomy and Morphological Basic Dentistry	5	3	12	38
672	D		Functional Basic Dentistry	4	12	11	55
673	I		Morbid Dentistry (inclu. Dental Radiology)	6	4	11	31
674	C		Conservative Dentistry	15	15	35	88
675	I		Prosthodontics and Dental Technology	6	16	61	125
676	N		Oral Surgery	26	8	83	181
677	E		Orthodontics, Pedodontics and Social Dentistry	14	26	66	160
678			Periodontological Dentistry	12	15	7	62
			Dentistry total	88	99	286	740
681			Chemical Pharmaceuticals	28	48	8	127
682			Physical Pharmaceuticals	13	20	12	80
683			Biopharmaceutics	26	53	13	137
684			Molecular Pharmaceuticals	15	11	8	46
685			Environmental Pharmaceuticals	0	0	0	0
			Pharmaceutics total	82	132	41	390
691			Medical Sociology	5	9	7	28
692			Human Genetics	2	1	4	21
693			Applied Pharmacology and Medical Pharmacology	15	17	9	48
694			Pathological Examination	7	20	11	51
696			Science of Basic and Local Nursing	1	3	30	39
697			Science of Clinical Nursing	8	1	37	54
			Medicine in General total	38	51	98	241
			MEDICINE Total	715	1,204	2,116	5,641
702	I N T E R D I S C I P L I N A R Y		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	1	1	8	11
703			Physical Education	5	18	64	138
704			Human Geography	3	1	24	40
705			Physical Geography	0	4	17	37
			Geography total	3	5	41	77
706			Home Science(inclu. Cloth/Living Environments)	1	4	13	26
707			Food Culture	0	1	6	7
			Domestic Science total	1	5	19	33
708			Science of Cultural Property	2	1	0	10
711			Science Education	7	2	18	59
712	A R E A		Educational Engineering	4	14	4	52
713			Curriculum Studies	9	2	57	98
714			Japanese Language Education	2	4	17	41
			Science Education·Curriculum Education total	22	22	96	250
721			Statistics	10	9	8	60
731			Computer Science	47	142	37	390
732			Intelligent Informatics	36	124	52	361
733			Study of Information System (Inclu. Library and Information Science)	8	40	12	109
			Information Science total	91	306	101	860
741	I		Social System Engineering	15	13	23	95
751			Natural Disaster Science	6	6	15	27
761			Plasma Science and Technology	13	46	16	152
772			Nuclear Fusion	6	25	8	75

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
773	N		Energy Science General	1	4	13	6
774			Nuclear Power Science	1	5	26	3
	E		Energy total	3	10	84	11
801	R		Environmental Dynamic Analysis	6	4	30	14
802			Environmental Influence Assessment (inclu. Radiobiology)	7	1	18	3
803			Environmental Preservation	8	5	12	4
			Environmental Science total	21	10	60	21
811	I		Biological Organic Chemistry	5	1	20	2
812			Structured Biochemistry	5	1	18	2
813			Functional Biochemistry	7	2	19	4
			Biological Chemistry total	17	4	57	8
821	N		Biophysics	12	9	39	18
822			Molecular Biology	23	21	128	27
823			Cell Biology	12	3	63	7
824			Developmental Biology	14	4	33	5
			Basic Biology total	61	37	263	57
831	A		Neuroanatomy and Neuropathology	1	1	13	0
832			Neurochemistry and Neuropharmacology	2	4	21	8
833			Neuro Science in General	7	4	43	5
834			Neuro and Muscular Physiology	5	0	26	6
			Neuro Science (inclu. Brain Science) total	15	9	103	19
841			Laboratory Animal Science	2	0	7	5
851			Medical Organism Engineering and Material Science of Organism	15	3	102	18
	INTERDISCIPLINARY AREA Total			198	119	1,357	212
999	WIDE AREA Total			18	15	27	10
	Item n.a. Total			9	12	51	6
	Grand Total			1,601	1,244	7,035	1,015

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
773	N		Energy Science General	1	6	3	27
774			Nuclear Power Science	9	36	13	67
	E		Energy total	16	67	24	169
801	R		Environmental Dynamic Analysis	15	28	11	91
802			Environmental Influence Assessment (inclu. Radiobiology)	4	13	9	46
803			Environmental Preservation	11	30	16	75
			Environmental Science total	30	71	36	212
811	P		Biological Organic Chemistry	8	20	20	67
812			Structured Biochemistry	6	14	11	48
813			Functional Biochemistry	4	17	9	60
			Biological Chemistry total	18	51	40	175
821	N		Biophysics	13	25	20	119
822			Molecular Biology	25	36	35	257
823			Cell Biology	9	19	19	118
824			Developmental Biology	5	6	17	69
			Basic Biology total	52	86	91	563
831	A		Neuroanatomy and Neuropathology	2	4	6	27
832			Neurochemistry and Neuropharmacology	5	12	11	62
833			Neuro Science in General	11	17	17	91
834			Neuro and Muscular Physiology	6	13	6	61
			Neuro Science (inclu. Brain Science) total	24	46	40	241
841			Laboratory Animal Science	4	14	0	30
851			Medical Organism Engineering and Material Science of Organism	29	57	59	257
	INTERDISCIPLINARY AREA Total			342	824	681	3,360
999	WIDE AREA Total			19	32	56	132
	Item n.a. Total			43	66	53	229
	Grand Total			2,776	6,072	5,841	23,322

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES	Philosophy	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	2	0	0
217			Aesthetics (inclu. Arts)	1	1	1	1
218			Art History	0	0	0	0
			Philosophy total	5	5	1	1
221		Psychology • Sociology • Education	Experimental Psychology	0	1	2	0
222			Educational and Social	2	0	1	0
223			Sociology	2	4	0	0
224			Education	2	2	0	0
225			Cultural Anthropology (inclu. Ethnology and Folklore)	1	3	0	0
			Psychology • Sociology • Education Cultural Anthropology total	7	10	3	0
231		History	Japanese History	1	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	2	3	0	0
241		Literature	Japanese Language	0	0	0	0
242			Japanese Literature	0	1	0	1
243			Chinese Language and Literature	1	0	1	0
244			English Language and Literature	1	0	0	1
245			French Language and Literature	0	2	1	0
246			German Language and Literature	0	5	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	2	8	4	2
			ARTS • HUMANITIES Total	16	26	8	3
261	LAW	Basic Science of Law	Basic Science of Law	0	1	1	0
262			Public Law	1	0	1	0
263			International Law	3	0	1	0
264			Civil Law	0	0	0	1
265			Social Law	0	0	0	0
266			Criminal Law	0	0	0	0
267			Politics	1	2	2	0
			LAW Total	5	3	5	1
271	ECONOMICS	General Theory of Economics	General Theory of Economics	0	1	7	1
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	6	1	2	1
274			Economic History	1	0	1	0
275			Public Finance, Money and Banking	0	1	3	0
276			Commercial Science	1	0	0	1
277			Business Administration	1	2	0	0
278			Accounting	0	0	2	0
			ECONOMICS Total	9	5	15	3
301	SCIENCE	Mathematics	Algebra	0	2	9	0
302			Geometry	1	3	4	0
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	9	0
305			Basic Analysis	0	0	5	0
306			Larger-area Analysis	0	0	2	0
			Mathematics total	1	5	29	0
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	1	2	9	1

Table 37. Total Number of Times Participating in 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	2
217			Aesthetics (inclu. Arts)	1	0	7	8
218			Art History	0	1	3	4
			Philosophy total	1	1	13	23
221			Experimental Psychology	6	2	2	13
222			Educational and Social	3	0	7	13
223			Sociology	8	1	18	32
224			Education	6	0	5	15
225			Cultural Anthropology (inclu. Ethnology and Folklore)	0	0	6	10
			Psychology • Sociology • Education Cultural Anthropology total	23	3	38	83
231			Japanese History	1	2	1	5
232			Oriental History	1	1	3	9
233			European History	0	0	4	3
234			Archaeology (inclu. Prehistory)	0	0	0	0
			History total	2	3	8	17
241			Japanese Language	0	0	0	0
242			Japanese Literature	0	0	0	2
243			Chinese Language and Literature	1	0	5	8
244			English Language and Literature	3	8	12	25
245			French Language and Literature	0	0	2	5
246			German Language and Literature	0	0	2	7
247			Other Foreign Languages and Literatures	1	0	0	1
248			Linguistics and Phonetics	1	0	3	6
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	0	0	0	0
			Literature total	6	8	24	54
			ARTS • HUMANITIES Total	32	15	83	177
261	LAW		Basic Science of Law	1	0	1	3
262			Public Law	0	1	2	5
263			International Law	6	0	0	10
264			Civil Law	0	0	1	2
265			Social Law	0	0	1	1
266			Criminal Law	0	0	0	0
267			Politics	6	2	2	15
			LAW Total	13	3	7	36
271	ECONOMICS		General Theory of Economics	1	1	9	20
272			Economical Statistics	0	0	0	0
273			Economic Policy (inclu. Economic Condition)	2	3	6	20
274			Economic History	0	0	0	2
275			Public Finance, Money and Banking	1	0	1	6
276			Commercial Science	2	0	1	5
277			Business Administration	2	1	4	10
278			Accounting	6	0	1	9
			ECONOMICS Total	14	5	22	72
301	SCIENCE		Algebra	1	0	1	13
302			Geometry	1	0	2	11
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	2	0	4	15
305			Basic Analysis	3	0	1	9
306			Larger-area Analysis	0	0	0	2
			Mathematics total	7	0	8	50
311			Astronomy	0	0	0	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	2	0	5	20

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
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	8	0
324			Physical Properties in General (inclu. Basic Theories)	0	0	3	0
325			Physics in General	0	1	7	0
			Physics total	1	3	27	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	1	0	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	0	0
337			Geochemistry	0	0	1	0
			Earth Science total	0	1	4	1
341			Physical Chemistry	4	2	13	0
342			Organic Chemistry	0	0	10	0
343			Inorganic Chemistry	0	0	5	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	2	29	0
351			Genetics	0	3	3	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	0	0	1
356			Morphology and Taxonomy	0	0	1	0
			Biology total	3	3	8	2
361			Physical Anthropology (inclu. Physiological Anthropology)	0	0	0	0
	SCIENCE Total			16	14	97	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	2	2	0	0
			Applied Physics-Fundamentals of Engineering total	4	2	5	0
411			Materials for Machines and Strength of Materials	0	1	3	0
412			Workshop Processes and Production Engineering	1	0	5	0
413			Design Engineering, Machine Elements and Tribology	0	0	4	0
414			Fluid Mechanics	0	0	3	1
415			Heat Engineering	0	0	2	0
416			Mechanics and Control Engineering	0	0	1	0
417			Intelligent Mechanics and Machine System	1	0	4	3
			Machine Engineering total	2	1	22	4
421			Electric Power Engineering and Electric Machinery	0	0	6	0
422			Electronic and Electric Materials Engineering	0	0	4	0
423			Electron Devices and Apparatus Engineering	0	0	2	0
424			Information and Communication Engineering	0	1	12	0

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

Code	Subj ect	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)	3	4	2	12
323			Solid-State Physics II (Magnetism, Metal Physics,	3	3	8	22
324			Physical Properties in General (inclu. Basic Theories)	1	0	1	5
325			Physics in General	3	2	3	16
			Physics total	12	9	19	75
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	1	0	1
337			Geochemistry	1	1	0	3
			Earth Science total	3	2	3	13
341			Physical Chemistry	4	1	10	33
342			Organic Chemistry	7	2	6	25
343			Inorganic Chemistry	1	0	4	10
344			Function, Properties and Materials in Chemistry	4	2	2	10
345			Substance Transformation	1	0	0	1
346			Separation, Refining and Identification	2	1	6	15
			Chemistry total	19	6	28	94
351			Genetics	1	5	0	12
352			Ecology	3	1	4	9
353			Plant Physiology	7	0	4	17
354			Morphology, Structure of Organism	3	0	0	3
355			Animal Physiology and	0	2	2	5
356			Morphology and Taxonomy	0	0	1	2
			Biology total	14	8	11	48
361			Physical Anthropology (inclu. Physiological Anthropology)	2	0	0	2
	SCIENCE Total			57	25	69	282
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	3	6	14
404			General Applied Physics	3	0	2	7
405			Fundamentals of Engineering	0	0	0	4
			Applied Physics·Fundamentals of Engineering total	8	4	11	34
411			Materials for Machines and Strength of Materials	8	5	1	18
412			Workshop Processes and Production Engineering	14	4	16	40
413			Design Engineering, Machine Elements and Tribology	2	2	1	9
414			Fluid Mechanics	9	5	3	21
415			Heat Engineering	3	4	3	12
416			Mechanics and Control Engineering	4	1	2	8
417			Intelligent Mechanics and Machine System	1	1	6	16
			Machine Engineering total	41	22	32	124
421	G		Electric Power Engineering and Electric Machinery	10	2	7	25
422			Electronic and Electric Materials Engineering	7	3	1	15
423			Electron Devices and Apparatus Engineering	14	5	2	23
424			Information and Communication Engineering	13	9	13	48

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E		System Engineering	0	0	0	0
427			Electronic Measurements	0	0	0	0
428			Control Engineering	0	1	4	0
			Electric and Electronic Engineering	0	2	28	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	3	24
442			Building Science and Building Equipment	0	3	0	1
443		G	City Planning and Building Planning	5	0	0	0
444			Architectural History and Design	1	0	0	0
			Architecture total	8	7	3	25
451		N	Physical Metallurgy	0	0	2	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	4	1
461		I	Chemical Engineering in General	0	0	0	0
462			Reaction and Separation Engineering	0	0	3	0
463			Catalyst and Chemical Process	3	0	0	1
464			Bioengineering	0	0	1	0
465			Industrial Analytical Chemistry	0	0	2	0
			Process Engineering total	3	0	6	1
471			Industrial Physical Chemistry	0	3	3	2
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	0	0	4	0
474			Synthetic Chemistry	1	2	4	0
475			Polymer Synthesis	2	0	1	2
476			Polymer Structure and Property (inclu. Fiber)	0	1	3	0
			Industrial Chemistry total	3	6	16	4
481			Aeronautics	0	0	0	0
482			Ship Engineering	0	0	1	1
483			Marine Engineering	0	0	1	0
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	0	0	2	1
	ENGINEERING Total			21	18	89	36
501	A		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		E	Plant Fertilizer and Manure and Soil Science	0	0	2	0
512			Applied Microbiochemistry and Applied Biochemistry	3	0	2	0
513			Biological Productive Chemistry and Bioorganic Chemistry	0	0	1	0
514			Food Science and Nutritional Chemistry	6	10	2	0

Table 37. Total Number of Times Participating in 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	0	1	5
427			Electronic Measurements	1	0	5	6
428			Control Engineering	9	10	8	32
			Electric and Electronic Engineering	58	29	37	154
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	3	0	3	6
434			Hydraulics and River Engineering	2	3	2	8
435			Traffic Engineering and Regional Planning	3	2	0	5
436			Civil Environmental System	2	0	0	3
			Civil Engineering total	12	5	6	26
441		N	Building Structure and Materials	14	7	5	59
442			Building Science and Building Equipment	7	0	3	14
443		G	City Planning and Building Planning	2	1	1	9
444		I	Architectural History and Design	0	0	0	1
			Architecture total	23	8	9	83
451		N	Physical Metallurgy	2	0	0	4
452			Inorganic Materials and	0	4	1	5
453		E	Composed Materials and Properties	1	5	2	10
454		E	Structural and Functional Materials	4	3	0	8
455		R	Metallurgy and Material	0	2	1	4
456			Metal Productive Engineering	0	3	0	3
			Material Engineering total	7	17	4	34
461		I	Chemical Engineering in General	2	1	0	3
462			Reaction and Separation Engineering	5	2	0	10
463			Catalyst and Chemical Process	2	0	0	6
464			Bioengineering	0	1	1	3
465			Industrial Analytical Chemistry	1	0	1	4
			Process Engineering total	10	4	2	26
471			Industrial Physical Chemistry	3	6	4	19
472			Industrial Inorganic Chemistry	0	0	1	2
473			Industrial Organic Chemistry	2	0	0	6
474			Synthetic Chemistry	1	1	4	13
475			Polymer Synthesis	6	5	6	22
476			Polymer Structure and Property (inclu. Fiber)	1	0	1	6
			Industrial Chemistry total	13	12	16	68
481			Aeronautics	2	2	5	9
482			Ship Engineering	0	2	0	4
483			Marine Engineering	3	1	0	5
484			Resource Development Engineering	0	0	0	0
			Synthetic Engineering total	5	5	5	18
	ENGINEERING Total			177	106	122	567
501	A G R I C U L T U R E		Plant Breeding	2	0	5	10
502			Crop Science	2	0	0	2
503			Horticulture and Landscape Architecture	3	0	3	6
504			Plant Protection	0	3	2	5
505			Sericultural Science and Economic Entomology	0	0	0	0
			Agriculture total	7	3	10	23
511			Plant Fertilizer and Manure and Soil Science	1	0	1	3
512			Applied Microbiochemistry and Applied Biochemistry	5	2	0	12
513			Biological Productive Chemistry and Bioorganic Chemistry	1	0	0	2
514			Food Science and Nutritional Chemistry	5	7	12	41

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

Code	Subj ect	Subd ivisi on	I t e m	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	9	10	7	0
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	0	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	1	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	16	16	17	3
601			Anatomy in General (inclu. Histology, Embryology)	0	0	1	1
602			Physiology in General	1	0	5	0
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	1	0	3	0
604			Pharmacology in General	0	0	1	0
605			Medical Chemistry in General	3	2	1	0
606			Pathological Medical Chemistry	2	0	1	0
			Physiology total	7	2	12	1
611	M		Hominal Pathology	0	0	3	0
612	E		Experimental Pathology	0	0	4	5
613			Parasitology (inclu. Medical Zoology)	0	0	2	3
614	D		Bacteriology (inclu. Eumycetes)	0	2	4	3
615			Virology	1	1	1	0
616	I		Immunology	1	2	3	0
			Pathology total	2	5	17	11
621	C		Hygiene	5	0	10	0
622			Public Health and Health Science	3	2	6	7
623	I		Legal Medicine	0	0	1	0
			Social Medicine total	8	2	17	7
631	N		Internal Medicine in General	5	4	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	13	0	0	0
636			Pediatrics	1	0	1	0
637			Dermatology	3	2	3	0
638			Radiology	1	0	1	0
639			Neuropsychiatry	0	0	0	0
641			Hematology	2	0	1	0
642			Internal Medicine of Kidney	4	0	0	0
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	1	1	2	0
645			Metabolic Science	1	0	2	0
			Internal Medicine total	35	8	21	2
651			Surgery in General	0	1	0	0
652			Gastroenterological Surgery	0	0	1	1
653			Thoracic Surgery	1	0	0	0

Table 37. Total Number of Times Participating in 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
	A		Agricultural Chemistry total	12	9	13	58
521			Forestry	0	1	3	2
522	G		Wood Science	3	0	0	4
			Forestry total	3	1	3	6
531	R		Fisheries in General	1	0	1	5
532			Fisheries Chemistry	1	0	0	1
			Fisheries total	2	0	1	6
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	1
563	R		Basic Veterinary Medicine and Basic Animal Science	1	0	0	3
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	28	16	28	115
601			Anatomy in General (inclu. Histology, Embryology)	2	1	2	7
602			Physiology in General	2	1	10	16
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	3	3	5	15
604			Pharmacology in General	1	1	2	5
605			Medical Chemistry in General	1	0	5	12
606			Pathological Medical Chemistry	0	1	3	6
			Physiology total	9	7	27	61
611	M		Hominal Pathology	4	2	4	13
612			Experimental Pathology	3	3	4	18
613	E		Parasitology (inclu. Medical Zoology)	0	1	2	7
614	D		Bacteriology (inclu. Eumycetes)	2	3	4	18
615			Virology	2	1	7	13
616	I		Immunology	2	2	1	11
			Pathology total	13	12	22	80
621	C		Hygiene	3	1	5	24
622			Public Health and Health Science	4	2	13	35
623	I		Legal Medicine	0	0	1	4
			Social Medicine total	7	3	19	63
631	N		Internal Medicine in General	6	2	13	30
632			Gastroenterology	0	1	24	36
633	E		Internal Medicine Respiratory System	3	0	10	14
634			Neurological Medicine	2	0	7	8
635			Cardioangiopathy	6	7	20	41
636			Pediatrics	3	0	16	16
637			Dermatology	8	2	4	21
638			Radiology	4	4	9	20
639			Neuropsychiatry	3	2	10	11
641			Hematology	1	1	9	12
642			Internal Medicine of Kidney	1	3	4	13
643			Embryology and Newborn	0	0	0	0
644			Endocrinology	0	2	1	7
645			Metabolic Science	4	0	7	14
			Internal Medicine total	41	24	134	243
651			Surgery in General	1	0	6	8
652			Gastroenterological Surgery	0	3	15	23
653			Thoracic Surgery	0	2	2	4

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	4	1	0	0
655			Orthopedic Surgery	3	1	0	0
656			Anesthesiology and Rescue Medicine	0	2	5	0
657			Urology	1	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	2	0	0	0
662			Formative Surgery	1	0	0	0
			Surgery total	16	11	9	2
671	E		Oral Anatomy and Morphological Basic Dentistry	0	0	2	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	1	0	0	0
675	I		Prosthodontics and Dental Technology	0	0	0	0
676	N		Oral Surgery	1	1	1	0
677	E		Orthodontics, Pedodontics and Social Dentistry	1	0	1	0
678			Periodontological Dentistry	1	0	1	0
			Dentistry total	4	1	7	0
681			Chemical Pharmaceuticals	0	0	4	0
682			Physical Pharmaceuticals	2	0	3	1
683			Biopharmaceutics	1	0	2	0
684			Molecular Pharmaceuticals	0	0	0	0
685			Environmental Pharmaceuticals	0	0	0	0
			Pharmaceutics total	3	0	9	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	2	3	1	1
697			Science of Clinical Nursing	2	10	2	1
			Medicine in General total	7	13	3	2
	MEDICINE Total			82	42	95	26
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	5	0
704			Human Geography	0	1	4	2
705			Physical Geography	0	0	1	1
			Geography total	0	1	5	3
706			Home Science (inclu. Cloth/Living Environments)	0	0	2	0
707			Food Culture	0	0	3	0
			Domestic Science total	0	0	5	0
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	2	0
713			Curriculum Studies	0	0	0	0
714			Japanese Language Education	0	0	0	0
			Science Education·Curriculum Education total	0	0	2	0
721			Statistics	0	0	1	0
731			Computer Science	2	0	1	0
732			Intelligent Informatics	0	0	3	0
733			Study of Information System (Inclu. Library and Information Science)	0	1	0	0
			Information Science total	2	1	4	0
741			Social System Engineering	1	1	11	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 37. Total Number of Times Participating in International Conferences, Etc., Overseas by Field of Specialization / by Party Covering Expenses (Municipal Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	12	0	15	30
655			Orthopedic Surgery	3	12	48	67
656			Anesthesiology and Rescue Medicine	2	3	24	30
657			Urology	2	2	17	27
658			Obstetrics and Gynecology	3	1	15	27
659			Oto-rhino-laryngology	3	4	9	15
660			Ophthalmology	0	1	11	15
661			Pediatric Surgery	0	0	6	1
662			Formative Surgery	0	0	1	2
			Surgery total	26	28	169	249
671	E		Oral Anatomy and Morphological Basic Dentistry	1	0	1	4
672	D		Functional Basic Dentistry	1	0	0	1
673	I		Morbid Dentistry (inclu. Dental Radiology)	1	0	2	5
674	C		Conservative Dentistry	3	0	2	6
675	I		Prosthodontics and Dental Technology	1	0	2	3
676	N		Oral Surgery	6	0	10	19
677	E		Orthodontics, Pedodontics and Social Dentistry	2	0	0	4
678			Periodontological Dentistry	1	0	0	3
			Dentistry total	16	0	17	45
681			Chemical Pharmaceutics	3	2	0	9
682			Physical Pharmaceutics	6	4	1	17
683			Biopharmaceutics	6	6	4	19
684			Molecular Pharmaceutics	3	2	0	5
685			Environmental Pharmaceutics	0	0	0	0
			Pharmaceutics total	18	14	5	50
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	0	1	3	7
696			Science of Basic and Local Nursing	7	0	5	19
697			Science of Clinical Nursing	6	0	9	30
			Medicine in General total	13	1	17	56
			MEDICINE Total	143	89	410	847
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	4
703			Physical Education	5	0	3	15
704			Human Geography	2	0	1	10
705			Physical Geography	1	0	7	10
			Geography total	3	0	8	20
706			Home Science(inclu. Cloth/Living Environments)	3	0	3	8
707			Food Culture	11	0	17	31
			Domestic Science total	14	0	20	39
708			Science of Cultural Property	0	0	0	0
711			Science Education	0	0	0	0
712			Educational Engineering	0	0	3	5
713			Curriculum Studies	0	0	2	2
714			Japanese Language Education	6	0	2	8
			Science Education·Curriculum Education total	6	0	7	15
721			Statistics	1	0	4	6
731			Computer Science	16	6	18	43
732			Intelligent Informatics	5	6	5	19
733			Study of Information System (Inclu. Library and Information Science)	8	6	0	13
			Information Science total	29	18	23	75
741			Social System Engineering	4	2	6	25
751	I		Natural Disaster Science	0	0	0	1
761			Plasma Science and Technology	1	0	6	9
772			Nuclear Fusion	0	0	0	0

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
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			Environmental Preservation	2	5	2	3
			Environmental Science total	2	5	4	4
811	I		Biological Organic Chemistry	0	0	0	0
812			Structured Biochemistry	0	0	2	0
813			Functional Biochemistry	0	0	1	0
			Biological Chemistry total	0	0	3	0
821	N		Biophysics	4	2	4	0
822			Molecular Biology	0	0	6	0
823			Cell Biology	0	2	1	0
824			Developmental Biology	1	2	0	0
			Basic Biology total	5	6	11	0
831	A		Neuroanatomy and Neuropathology	0	2	1	0
832			Neurochemistry and Neuropharmacology	0	0	2	0
833			Neuro Science in General	0	0	3	0
834			Neuro and Muscular Physiology	0	0	0	0
			Neuro Science (inclu. Brain Science) total	0	2	6	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			13	17	61	7
999	WIDE AREA Total			0	2	0	0
	Item n.a. Total			3	0	0	0
	Grand Total			181	143	387	83

Table 37. Total Number of Times Participating in 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	1	7
802			Environmental Influence Assessment (inclu. Radiobiology)	0	1	3	6
803			Environmental Preservation	0	1	1	14
			Environmental Science total	2	5	5	27
811	P		Biological Organic Chemistry	2	0	3	5
812			Structured Biochemistry	2	4	2	10
813			Functional Biochemistry	2	0	2	5
			Biological Chemistry total	6	4	7	20
821	N		Biophysics	2	3	2	17
822			Molecular Biology	0	0	8	11
823			Cell Biology	4	2	3	11
824			Developmental Biology	1	0	1	5
			Basic Biology total	7	5	14	44
831	A		Neuroanatomy and Neuropathology	1	2	10	10
832			Neurochemistry and Neuropharmacology	3	1	1	7
833			Neuro Science in General	2	1	3	9
834			Neuro and Muscular Physiology	3	0	2	2
			Neuro Science (inclu. Brain Science) total	9	4	16	28
841			Laboratory Animal Science	0	0	0	0
851			Medical Organism Engineering and Material Science of Organism	1	2	6	9
	INTERDISCIPLINARY AREA Total			89	42	127	341
999	WIDE AREA Total			1	4	10	14
	Item n.a. Total			14	0	7	27
	Grand Total			568	305	885	2,478

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
211	ARTS • HUMANITIES		Philosophy	8	9	2	0
212			Chinese Philosophy	1	6	0	0
213			Indian Philosophy (inclu. Buddhist Studies)	9	9	1	1
214			Religion	13	8	2	0
215			Ethics	1	1	1	0
216			History of Philosophy	3	3	3	0
217			Aesthetics (inclu. Arts)	23	18	2	8
218			Art History	7	0	2	0
			Philosophy total	65	54	13	9
221			Experimental Psychology	5	1	15	6
222			Educational and Social	8	9	20	1
223			Sociology	40	24	27	5
224			Education	16	18	6	7
225			Cultural Anthropology (inclu. Ethnology and Folklore)	11	16	7	3
			Psychology • Sociology • Education Cultural Anthropology total	80	68	75	22
231			Japanese History	7	12	4	3
232			Oriental History	13	15	4	3
233			European History	7	12	3	2
234			Archaeology (inclu. Prehistory)	8	1	3	1
			History total	35	40	14	9
241			Japanese Language	4	4	1	5
242			Japanese Literature	18	12	2	4
243			Chinese Language and Literature	6	8	1	4
244			English Language and Literature	19	34	13	3
245			French Language and Literature	0	5	4	0
246			German Language and Literature	4	5	3	2
247			Other Foreign Languages and Literatures	4	9	0	4
248			Linguistics and Phonetics	9	20	8	2
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	6	7	0	0
			Literature total	70	104	32	24
			ARTS • HUMANITIES Total	250	266	134	64
261	LAW		Basic Science of Law	3	3	2	0
262			Public Law	5	1	9	1
263			International Law	16	3	5	5
264			Civil Law	4	10	9	9
265			Social Law	1	4	2	2
266			Criminal Law	4	2	3	2
267			Politics	36	44	17	11
			LAW Total	69	67	47	30
271	ECONOMICS		General Theory of Economics	19	18	10	5
272			Economical Statistics	5	1	6	7
273			Economic Policy (inclu. Economic Condition)	39	30	20	39
274			Economic History	3	3	4	3
275			Public Finance, Money and Banking	12	7	0	11
276			Commercial Science	7	3	5	1
277			Business Administration	18	20	10	5
278			Accounting	5	3	5	0
			ECONOMICS Total	108	85	60	71
301	SCIENCE		Algebra	1	6	16	0
302			Geometry	8	3	19	2
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	0	0	22	0
305			Basic Analysis	3	2	18	0
306			Larger-area Analysis	2	2	18	0
			Mathematics total	14	13	93	2
311			Astronomy	0	0	1	0
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	11	9	21	1

Table 38. Total Number of Times Participating in 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	38	1	14	70
212			Chinese Philosophy	5	2	6	18
213			Indian Philosophy (inclu. Buddhist Studies)	18	4	11	48
214			Religion	18	1	24	65
215			Ethics	6	0	5	14
216			History of Philosophy	8	0	10	28
217			Aesthetics (inclu. Arts)	38	1	44	131
218			Art History	7	0	8	23
		Philosophy total	138	9	122	397	
221			Experimental Psychology	63	3	39	131
222			Educational and Social	82	6	85	205
223			Sociology	90	14	90	266
224			Education	56	5	63	158
225			Cultural Anthropology (inclu. Ethnology and Folklore)	18	5	21	73
		Psychology•Sociology•Education Cultural Anthropology total	309	33	298	833	
231			Japanese History	14	4	15	57
232			Oriental History	16	3	26	79
233			European History	20	2	22	63
234			Archaeology (inclu. Prehistory)	3	0	13	29
		History total	53	9	76	228	
241			Japanese Language	8	1	18	38
242			Japanese Literature	31	2	20	87
243			Chinese Language and Literature	35	2	30	84
244			English Language and Literature	140	8	141	341
245			French Language and Literature	15	6	63	93
246			German Language and Literature	17	3	28	61
247			Other Foreign Languages and Literatures	34	2	48	101
248			Linguistics and Phonetics	95	6	72	209
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	22	1	21	57
			Literature total	397	31	441	1,071
	ARTS•HUMANITIES Total	897	82	937	2,529		
261	LAW	Basic Science of Law	10	2	10	30	
262		Public Law	11	4	8	39	
263		International Law	15	5	16	65	
264		Civil Law	28	13	28	98	
265		Social Law	15	0	7	30	
266		Criminal Law	6	1	14	32	
267		Politics	60	12	48	226	
	LAW Total	145	37	131	520		
271	ECONOMICS	General Theory of Economics	46	8	29	134	
272		Economical Statistics	18	2	3	39	
273		Economic Policy (inclu. Economic Condition)	76	24	63	290	
274		Economic History	23	0	20	55	
275		Public Finance, Money and Banking	38	1	14	85	
276		Commercial Science	32	3	26	76	
277		Business Administration	71	4	83	207	
278		Accounting	35	3	39	88	
	ECONOMICS Total	339	45	277	974		
301	SCIENCE	Algebra	13	0	1	37	
302		Geometry	13	1	6	51	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	41	2	19	80	
305		Basic Analysis	17	0	4	44	
306		Larger-area Analysis	20	0	6	46	
		Mathematics total	104	3	36	258	
311		Astronomy	7	0	1	9	
321			Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	50	3	18	111

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
322	S C I E N C E		Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	3	2	11	1
323			Solid-State Physics II (Magnetism, Metal Physics,	2	0	8	2
324			Physical Properties in General (inclu. Basic Theories)	2	1	7	0
325			Physics in General	3	7	8	0
			Physics total	21	19	55	4
331			Physics of Solid Earth	0	0	0	1
332			Meteorology, Oceanography and Hydrology	0	0	7	5
333			Aeronomy	3	5	2	3
334			Geology	0	2	0	2
335			Stratigraphy and Paleontology	2	1	1	1
336			Mineralogy, Petrology and Study of Mineral Deposit	0	0	1	1
337			Geochemistry	1	0	0	0
			Earth Science total	6	8	11	13
341			Physical Chemistry	17	2	18	0
342			Organic Chemistry	4	3	9	0
343			Inorganic Chemistry	1	0	11	4
344			Function, Properties and Materials in Chemistry	2	0	6	2
345			Substance Transformation	0	0	0	0
346			Separation, Refining and Identification	0	0	2	0
			Chemistry total	24	5	46	6
351			Genetics	0	3	2	0
352			Ecology	7	0	5	4
353			Plant Physiology	1	3	1	4
354			Morphology, Structure of Organism	2	2	4	1
355			Animal Physiology and	4	1	1	0
356			Morphology and Taxonomy	4	0	1	0
			Biology total	18	9	14	9
361			Physical Anthropology (inclu. Physiological Anthropology)	1	2	3	1
			SCIENCE Total	84	56	223	35
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	5	0	5	0
402			Surface Physics	1	2	1	3
403			Applied Optics and Quantum Optics	5	0	17	6
404			General Applied Physics	0	0	3	2
405			Fundamentals of Engineering	0	0	2	0
			Applied Physics-Fundamentals of Engineering total	11	2	28	11
411			Materials for Machines and Strength of Materials	2	2	10	3
412			Workshop Processes and Production Engineering	0	5	14	1
413			Design Engineering, Machine Elements and Tribology	1	1	2	1
414			Fluid Mechanics	2	6	9	2
415			Heat Engineering	6	3	6	4
416			Mechanics and Control Engineering	4	1	5	1
417			Intelligent Mechanics and Machine System	0	4	18	0
			Machine Engineering total	15	22	64	12
421			Electric Power Engineering and Electric Machinery	3	4	7	0
422			Electronic and Electric Materials Engineering	3	9	32	3
423			Electron Devices and Apparatus Engineering	3	4	14	5
424			Information and Communication Engineering	8	9	26	14

Table 38. Total Number of Times Participating in 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)	27	8	10	82
323			Solid-State Physics II (Magnetism, Metal Physics,	27	2	4	45
324			Physical Properties in General (inclu. Basic Theories)	20	6	9	45
325			Physics in General	20	5	8	51
			Physics total	144	24	49	334
331			Physics of Solid Earth	5	2	0	8
332			Meteorology, Oceanography and Hydrology	4	4	5	25
333			Aeronomy	4	0	1	17
334			Geology	1	0	3	8
335			Stratigraphy and Paleontology	7	2	6	19
336			Mineralogy, Petrology and Study of Mineral Deposit	4	0	3	9
337			Geochemistry	7	1	3	12
			Earth Science total	32	9	21	98
341			Physical Chemistry	71	2	20	130
342			Organic Chemistry	44	6	13	77
343			Inorganic Chemistry	28	1	12	56
344			Function, Properties and Materials in Chemistry	38	5	6	58
345			Substance Transformation	3	0	3	6
346			Separation, Refining and Identification	15	3	10	30
			Chemistry total	199	17	64	357
351			Genetics	2	0	0	7
352			Ecology	14	1	9	40
353			Plant Physiology	10	1	13	33
354			Morphology, Structure of Organism	4	3	3	19
355			Animal Physiology and	8	7	4	25
356			Morphology and Taxonomy	11	4	3	23
			Biology total	49	16	32	147
361			Physical Anthropology (inclu. Physiological Anthropology)	4	1	7	19
			SCIENCE Total	539	70	210	1,222
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	42	9	7	67
402			Surface Physics	18	1	9	35
403			Applied Optics and Quantum Optics	39	11	28	103
404			General Applied Physics	4	2	0	10
405			Fundamentals of Engineering	13	0	0	15
			Applied Physics·Fundamentals of Engineering total	116	23	44	230
411			Materials for Machines and Strength of Materials	53	21	22	113
412			Workshop Processes and Production Engineering	62	18	15	120
413			Design Engineering, Machine Elements and Tribology	17	2	2	25
414			Fluid Mechanics	57	16	17	108
415			Heat Engineering	47	20	14	99
416			Mechanics and Control Engineering	53	13	4	81
417			Intelligent Mechanics and Machine System	33	11	8	74
			Machine Engineering total	322	101	82	620
421	G		Electric Power Engineering and Electric Machinery	60	42	25	140
422			Electronic and Electric Materials Engineering	76	21	27	171
423			Electron Devices and Apparatus Engineering	58	29	24	133
424			Information and Communication Engineering	110	98	17	280

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
425	E		System Engineering	10	4	16	3
427			Electronic Measurements	0	1	3	0
428			Control Engineering	0	3	7	0
			Electric and Electronic Engineering	27	34	105	25
431			Construction Materials and Dynamics in General Civil Engineering	5	7	3	2
432			Structural Engineering and Seismology	1	5	4	0
433			Ground Engineering	2	1	1	0
434			Hydraulics and River Engineering	3	3	4	3
435			Traffic Engineering and Regional Planning	4	0	4	5
436			Civil Environmental System	25	4	0	7
			Civil Engineering total	40	20	16	17
441		N	Building Structure and Materials	1	4	8	1
442			Building Science and Building Equipment	6	4	3	3
443		G	City Planning and Building Planning	11	6	1	5
444		I	Architectural History and Design	6	9	6	2
			Architecture total	24	23	18	11
451		N	Physical Metallurgy	1	0	8	0
452			Inorganic Materials and	2	2	2	3
453		E	Composed Materials and Properties	2	1	4	0
454		E	Structural and Functional Materials	13	4	1	1
455		R	Metallurgy and Material	4	1	2	1
456			Metal Productive Engineering	4	2	1	0
			Material Engineering total	26	10	18	5
461		I	Chemical Engineering in General	0	0	1	0
462			Reaction and Separation Engineering	0	0	1	0
463			Catalyst and Chemical Process	1	1	2	1
464			Bioengineering	1	0	7	2
465			Industrial Analytical Chemistry	1	0	0	0
			Process Engineering total	3	1	11	3
471			Industrial Physical Chemistry	0	0	8	1
472			Industrial Inorganic Chemistry	0	0	1	0
473			Industrial Organic Chemistry	1	1	2	0
474			Synthetic Chemistry	6	1	0	0
475			Polymer Synthesis	6	0	2	7
476			Polymer Structure and Property (inclu. Fiber)	1	3	2	1
			Industrial Chemistry total	14	5	15	9
481			Aeronautics	0	0	1	0
482			Ship Engineering	1	0	0	0
483			Marine Engineering	1	1	0	1
484			Resource Development Engineering	1	2	0	0
			Synthetic Engineering total	3	3	1	1
	ENGINEERING Total			163	120	276	94
501	A G R I C U L T U R E		Plant Breeding	1	1	0	0
502			Crop Science	0	0	0	0
503			Horticulture and Landscape Architecture	2	0	4	2
504			Plant Protection	1	0	0	0
505			Sericultural Science and Economic Entomology	1	1	0	1
			Agriculture total	5	2	4	3
511			Plant Fertilizer and Manure and Soil Science	0	3	0	0
512			Applied Microbiochemistry and Applied Biochemistry	2	3	2	5
513			Biological Productive Chemistry and Bioorganic Chemistry	3	0	0	0
514			Food Science and Nutritional Chemistry	3	14	4	2

Table 38. Total Number of Times Participating in 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	38	7	5	83
427			Electronic Measurements	36	25	10	75
428			Control Engineering	23	2	7	41
			Electric and Electronic Engineering	401	224	115	923
431			Construction Materials and Dynamics in General Civil Engineering	15	7	6	45
432			Structural Engineering and Seismology	26	9	15	59
433			Ground Engineering	12	8	9	32
434			Hydraulics and River Engineering	29	3	21	66
435			Traffic Engineering and Regional Planning	18	9	24	64
436			Civil Environmental System	8	15	8	67
			Civil Engineering total	108	51	83	333
441		N	Building Structure and Materials	43	14	26	95
442			Building Science and Building Equipment	24	11	13	64
443			City Planning and Building Planning	33	2	27	82
444			Architectural History and Design	5	6	8	42
			Architecture total	105	33	74	283
451		N	Physical Metallurgy	11	2	2	24
452			Inorganic Materials and	26	9	15	57
453			Composed Materials and Properties	8	1	0	16
454		E	Structural and Functional Materials	11	18	3	51
455			Metallurgy and Material	23	10	6	47
456		R	Metal Productive Engineering	6	4	0	17
			Material Engineering total	85	44	26	212
461		I	Chemical Engineering in General	19	9	6	35
462			Reaction and Separation Engineering	6	1	5	11
463			Catalyst and Chemical Process	7	6	1	19
464			Bioengineering	9	7	1	26
465			Industrial Analytical Chemistry	14	1	2	18
			Process Engineering total	55	24	15	109
471			Industrial Physical Chemistry	18	8	1	35
472			Industrial Inorganic Chemistry	5	3	2	11
473			Industrial Organic Chemistry	10	5	5	22
474			Synthetic Chemistry	17	9	4	36
475			Polymer Synthesis	16	6	6	43
476			Polymer Structure and Property (inclu. Fiber)	18	9	8	42
			Industrial Chemistry total	84	40	26	189
481			Aeronautics	7	3	1	12
482			Ship Engineering	3	0	1	5
483			Marine Engineering	7	2	4	16
484			Resource Development Engineering	5	0	0	8
			Synthetic Engineering total	22	5	6	41
			ENGINEERING Total	1,298	545	471	2,940
501	A		Plant Breeding	1	0	0	2
502			Crop Science	3	0	1	4
503			Horticulture and Landscape Architecture	6	0	6	20
504			Plant Protection	7	3	1	12
505			Sericultural Science and Economic Entomology	2	0	1	6
			Agriculture total	19	3	9	44
511		E	Plant Fertilizer and Manure and Soil Science	2	1	0	6
512			Applied Microbiochemistry and Applied Biochemistry	18	3	11	42
513			Biological Productive Chemistry and Bioorganic Chemistry	3	1	2	9
514			Food Science and Nutritional Chemistry	39	7	12	79

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
	A		Agricultural Chemistry total	8	20	6	7
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	0	2	0
532			Fisheries Chemistry	0	1	2	0
			Fisheries total	0	1	4	0
541	I		Agricultural Economics	4	4	0	1
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	1	0	0	1
552	U		Agricultural Machinery	0	0	1	0
553	L		Biological Environment	0	0	1	0
			Agricultural Engineering total	1	0	2	1
561	T		Animal Science and Grassland Science	1	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	1	0
	E		Animal Science·Veterinary Medicine total	4	1	6	1
571			Biological Resource Science	2	0	2	0
572			Applied Molecular Cell Biology	0	0	0	0
			Interdisciplinary Agricultural Science total	2	0	2	0
			AGRICULTURE Total	25	30	24	13
601			Anatomy in General (inclu. Histology, Embryology)	3	5	9	1
602			Physiology in General	1	1	5	2
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	5	1	12	0
604			Pharmacology in General	3	3	8	0
605			Medical Chemistry in General	6	4	9	0
606			Pathological Medical Chemistry	1	3	7	1
			Physiology total	19	17	50	4
611	M		Hominal Pathology	8	7	8	2
612	E		Experimental Pathology	0	4	1	0
613	D		Parasitology (inclu. Medical Zoology)	1	3	10	3
614			Bacteriology (inclu. Eumycetes)	10	3	8	1
615			Virology	2	1	4	3
616	I		Immunology	2	3	7	2
			Pathology total	23	21	38	11
621	C		Hygiene	2	4	4	5
622			Public Health and Health Science	16	7	6	3
623	I		Legal Medicine	1	1	1	4
			Social Medicine total	19	12	11	12
631	N		Internal Medicine in General	7	8	11	5
632	E		Gastroenterology	19	14	1	2
633			Internal Medicine Respiratory System	14	5	4	0
634			Neurological Medicine	4	7	5	2
635			Cardioangiopathy	23	8	11	0
636			Pediatrics	14	7	11	0
637			Dermatology	5	6	1	0
638			Radiology	19	13	6	1
639			Neuropsychiatry	16	3	5	1
641			Hematology	7	5	16	1
642			Internal Medicine of Kidney	8	4	4	2
643			Embryology and Newborn	1	2	0	0
644			Endocrinology	1	1	3	0
645			Metabolic Science	0	4	0	0
			Internal Medicine total	138	87	78	14
651			Surgery in General	13	6	1	0
652			Gastroenterological Surgery	14	16	5	0
653			Thoracic Surgery	7	1	1	0

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

Code	Subject	Subdivision	Item	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
	A		Agricultural Chemistry total	62	12	25	136
521			Forestry	2	0	3	8
522	G		Wood Science	1	0	0	1
			Forestry total	3	0	3	9
531	R		Fisheries in General	8	0	6	16
532			Fisheries Chemistry	0	0	2	5
			Fisheries total	8	0	8	21
541	I		Agricultural Economics	6	0	6	21
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	6	4	0	12
552	U		Agricultural Machinery	0	0	0	1
553	L		Biological Environment	2	0	0	3
			Agricultural Engineering total	8	4	0	16
561	T		Animal Science and Grassland Science	5	1	3	11
562	U		Applied Animal Science	7	0	1	11
563	R		Basic Veterinary Medicine and Basic Animal Science	13	2	4	22
564			Applied Veterinary Medicine	10	2	7	22
	E		Animal Science·Veterinary Medicine total	35	5	15	66
571			Biological Resource Science	2	0	1	6
572			Applied Molecular Cell Biology	3	0	0	3
			Interdisciplinary Agricultural Science total	5	0	1	9
			AGRICULTURE Total	146	24	67	322
601			Anatomy in General (inclu. Histology, Embryology)	29	3	18	68
602			Physiology in General	12	7	15	43
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	15	2	17	52
604			Pharmacology in General	23	7	16	60
605			Medical Chemistry in General	17	8	10	51
606			Pathological Medical Chemistry	5	3	5	25
			Physiology total	101	30	81	299
611	M		Hominal Pathology	11	8	37	81
612	E		Experimental Pathology	5	1	9	20
613	D		Parasitology (inclu. Medical Zoology)	6	7	14	44
614			Bacteriology (inclu. Eumycetes)	8	9	12	50
615			Virology	8	3	9	30
616	I		Immunology	21	5	21	59
			Pathology total	59	33	102	284
621	C		Hygiene	13	10	27	65
622			Public Health and Health Science	24	5	52	104
623	I		Legal Medicine	12	5	9	33
			Social Medicine total	49	20	88	202
631	N		Internal Medicine in General	34	2	43	110
632	E		Gastroenterology	23	11	94	164
633			Internal Medicine Respiratory System	18	1	49	91
634			Neurological Medicine	14	1	28	60
635			Cardioangiopathy	42	6	118	208
636			Pediatrics	26	4	63	125
637			Dermatology	13	6	22	53
638			Radiology	49	9	59	154
639			Neuropsychiatry	35	9	58	126
641			Hematology	15	8	43	95
642			Internal Medicine of Kidney	11	4	28	61
643			Embryology and Newborn	0	0	9	12
644			Endocrinology	2	4	26	37
645			Metabolic Science	19	4	25	52
			Internal Medicine total	301	69	665	1,348
651			Surgery in General	16	6	53	95
652			Gastroenterological Surgery	51	5	81	172
653			Thoracic Surgery	31	4	53	97

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
654	M		Neurosurgery	12	6	2	0
655			Orthopedic Surgery	16	14	4	2
656			Anesthesiology and Rescue Medicine	4	2	10	0
657			Urology	5	11	3	1
658			Obstetrics and Gynecology	13	6	5	2
659			Oto-rhino-laryngology	2	3	4	1
660			Ophthalmology	1	8	7	0
661			Pediatric Surgery	0	1	1	0
662			Formative Surgery	1	3	1	0
			Surgery total	88	77	44	6
671	E	D I C I N E	Oral Anatomy and Morphological Basic Dentistry	2	4	7	0
672	Functional Basic Dentistry		5	2	10	1	
673	Morbid Dentistry (inclu. Dental Radiology)		1	0	1	0	
674	Conservative Dentistry		6	8	4	1	
675	Prosthodontics and Dental Technology		6	6	5	0	
676	Oral Surgery		5	7	7	0	
677	Orthodontics, Pedodontics and Social Dentistry		6	6	4	1	
678	Periodontological Dentistry		2	0	2	0	
	Dentistry total		33	33	40	3	
681			Chemical Pharmaceutics	11	4	10	0
682			Physical Pharmaceutics	5	4	3	0
683			Biopharmaceutics	15	8	6	3
684			Molecular Pharmaceutics	1	0	4	3
685			Environmental Pharmaceutics	1	0	0	0
	Pharmaceutics total	33	16	23	6		
691			Medical Sociology	2	8	2	1
692			Human Genetics	0	0	0	0
693			Applied Pharmacology and Medical Pharmacology	8	3	1	0
694			Pathological Examination	3	0	1	1
696			Science of Basic and Local Nursing	1	0	1	0
697			Science of Clinical Nursing	0	1	3	1
			Medicine in General total	14	12	8	3
	MEDICINE Total			367	275	292	59
702	I N T E R D I S C I P L I N A R Y A R E A		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	0	0	3	0
703			Physical Education	9	11	7	1
704			Human Geography	1	7	3	0
705			Physical Geography	0	0	1	1
			Geography total	1	7	4	1
706			Home Science(inclu. Cloth/Living Environments)	3	1	5	1
707			Food Culture	2	0	5	0
			Domestic Science total	5	1	10	1
708			Science of Cultural Property	0	0	0	0
711			Science Education	2	1	2	1
712			Educational Engineering	3	1	2	0
713			Curriculum Studies	8	10	10	1
714			Japanese Language Education	3	1	0	4
			Science Education·Curriculum Education total	16	13	14	6
721			Statistics	2	1	8	1
731			Computer Science	5	7	25	7
732			Intelligent Informatics	8	1	24	5
733	I		Study of Information System (Inclu. Library and Information Science)	7	6	10	5
			Information Science total	20	14	59	17
741			Social System Engineering	3	9	8	9
751			Natural Disaster Science	0	0	0	2
761			Plasma Science and Technology	1	1	4	4
772			Nuclear Fusion	0	0	0	

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

Code	Subj ect	Subd ivisi on	I t e m	Affiliated institution	Foundation, etc.(contribution, entrusted fund included)	At one's own expenses	Total
654	M		Neurosurgery	16	1	80	116
655			Orthopedic Surgery	33	14	133	211
656			Anesthesiology and Rescue Medicine	8	2	35	61
657			Urology	33	6	43	100
658			Obstetrics and Gynecology	24	6	81	137
659			Oto-rhino-laryngology	28	5	29	72
660			Ophthalmology	40	4	63	122
661			Pediatric Surgery	7	0	13	22
662			Formative Surgery	15	0	12	32
			Surgery total	302	53	676	1,237
671	E D I C I N E		Oral Anatomy and Morphological Basic Dentistry	39	1	27	80
672			Functional Basic Dentistry	43	2	14	77
673			Morbid Dentistry (inclu. Dental Radiology)	23	2	8	35
674			Conservative Dentistry	46	1	28	94
675			Prosthodontics and Dental Technology	74	7	50	148
676			Oral Surgery	67	8	56	150
677			Orthodontics, Pedodontics and Social Dentistry	57	1	53	128
678			Periodontological Dentistry	24	0	21	49
			Dentistry total	373	22	257	761
681			Chemical Pharmaceutics	69	12	15	109
682			Physical Pharmaceutics	46	5	5	68
683			Biopharmaceutics	77	28	22	158
684			Molecular Pharmaceutics	17	0	3	24
685			Environmental Pharmaceutics	5	1	0	7
			Pharmaceutics total	214	46	45	366
691			Medical Sociology	12	2	4	31
692			Human Genetics	5	0	4	9
693			Applied Pharmacology and Medical Pharmacology	24	2	11	49
694			Pathological Examination	5	5	12	27
696			Science of Basic and Local Nursing	6	1	18	27
697			Science of Clinical Nursing	7	2	12	26
			Medicine in General total	59	12	61	169
			MEDICINE Total	1,458	285	1,975	4,666
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)	12	0	4	15
703			Physical Education	69	5	60	157
704			Human Geography	11	2	16	38
705			Physical Geography	4	0	6	12
			Geography total	15	2	22	50
706			Home Science(inclu. Cloth/Living Environments)	15	1	28	54
707			Food Culture	15	2	17	41
			Domestic Science total	30	3	45	95
708			Science of Cultural Property	0	0	1	0
711			Science Education	7	0	4	17
712			Educational Engineering	13	3	9	31
713			Curriculum Studies	13	1	36	78
714			Japanese Language Education	13	2	24	46
			Science Education·Curriculum Education total	46	6	73	172
721			Statistics	13	4	10	39
731			Computer Science	95	50	34	220
732			Intelligent Informatics	72	21	26	153
733			Study of Information System (Inclu. Library and Information Science)	37	10	24	97
			Information Science total	204	81	84	470
741			Social System Engineering	51	12	25	117
751			Natural Disaster Science	0	1	0	3
761			Plasma Science and Technology	11	2	9	32
772			Nuclear Fusion	1	1	1	3

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

Code	Subject	Subdivision	Item	Promoters	Foreign organizations	MOE/JSPS	Other Japanese governmental organizations
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	2	4	1	15
			Environmental Science total	6	5	5	27
811	I		Biological Organic Chemistry	1	0	2	3
812			Structured Biochemistry	5	0	2	2
813			Functional Biochemistry	4	6	6	1
			Biological Chemistry total	10	6	10	6
821	N		Biophysics	2	0	10	0
822			Molecular Biology	1	5	16	1
823			Cell Biology	1	2	8	0
824			Developmental Biology	2	1	0	0
			Basic Biology total	6	8	34	1
831	A		Neuroanatomy and Neuropathology	3	4	3	3
832			Neurochemistry and Neuropharmacology	1	3	7	5
833			Neuro Science in General	5	6	11	0
834			Neuro and Muscular Physiology	4	0	12	0
			Neuro Science (inclu. Brain Science) total	13	13	33	8
841			Laboratory Animal Science	1	0	0	0
851			Medical Organism Engineering and Material Science of Organism	9	8	30	3
	INTERDISCIPLINARY AREA Total			102	97	232	87
999	WIDE AREA Total			36	26	14	8
	Item n.a. Total			15	23	16	1
	Grand Total			1,219	1,045	1,318	462

Table 38. Total Number of Times Participating in 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	3	0	4	8
774			Nuclear Power Science	4	3	1	10
	E		Energy total	8	4	6	21
801	R		Environmental Dynamic Analysis	10	8	5	37
802			Environmental Influence Assessment (inclu. Radiobiology)	6	2	7	22
803			Environmental Preservation	18	6	9	55
			Environmental Science total	34	16	21	114
811	P		Biological Organic Chemistry	15	3	6	30
812			Structured Biochemistry	13	4	2	28
813			Functional Biochemistry	18	2	12	49
			Biological Chemistry total	46	9	20	107
821	N		Biophysics	7	0	5	24
822			Molecular Biology	23	10	18	73
823			Cell Biology	14	2	10	37
824			Developmental Biology	4	1	4	12
			Basic Biology total	48	13	37	146
831	A		Neuroanatomy and Neuropathology	4	2	13	31
832			Neurochemistry and Neuropharmacology	11	1	6	34
833			Neuro Science in General	10	5	15	50
834			Neuro and Muscular Physiology	12	5	15	48
			Neuro Science (inclu. Brain Science) total	37	13	49	163
841			Laboratory Animal Science	8	0	0	9
851			Medical Organism Engineering and Material Science of Organism	56	11	29	146
	INTERDISCIPLINARY AREA Total			688	182	495	1,856
999	WIDE AREA Total			60	25	101	254
	Item n.a. Total			31	9	48	140
	Grand Total			5,601	1,304	4,712	15,423

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	41	1	1	0	0	0	43
212			Chinese Philosophy	18	3	1	0	0	0	22
213			Indian Philosophy (inclu. Buddhist Studies)	27	6	1	1	0	0	35
214			Religion	37	1	0	0	0	0	38
215			Ethics	15	0	0	0	0	0	15
216			History of Philosophy	14	1	0	0	0	0	15
217			Aesthetics (inclu. Arts)	70	13	0	1	0	0	84
218			Art History	22	1	0	0	2	0	25
		Philosophy total	244	26	3	2	2	0	277	
221			Experimental Psychology	151	7	0	2	2	0	162
222			Educational and Social	223	16	0	3	3	0	245
223			Sociology	147	10	0	2	0	0	159
224			Education	132	13	1	1	3	0	150
225			Cultural Anthropology (inclu. Ethnology and Folklore)	62	1	0	6	0	1	70
		Psychology • Sociology • Education Cultural Anthropology total	715	47	1	14	8	1	786	
231			Japanese History	33	1	0	1	1	1	37
232			Oriental History	82	2	1	0	0	0	85
233			European History	36	0	0	0	0	0	36
234			Archaeology (inclu. Prehistory)	28	0	0	0	4	0	32
		History total	179	3	1	1	5	1	190	
241			Japanese Language	31	0	0	0	2	0	33
242			Japanese Literature	45	3	0	1	0	0	49
243			Chinese Language and Literature	67	3	0	0	0	0	70
244			English Language and Literature	137	13	2	0	0	0	152
245			French Language and Literature	26	0	0	0	0	0	26
246			German Language and Literature	25	0	0	0	0	0	25
247			Other Foreign Languages and Literatures	57	3	0	0	0	0	60
248			Linguistics and Phonetics	151	11	0	1	3	0	166
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	25	0	0	0	0	0	25
		Literature total	564	33	2	2	5	0	606	
	ARTS • HUMANITIES Total			1,702	109	7	19	20	2	1,859
261	LAW	Basic Science of Law	16	1	0	0	0	0	0	17
262		Public Law	24	0	0	0	0	0	0	24
263		International Law	33	0	0	0	0	0	0	33
264		Civil Law	33	1	0	0	0	0	0	34
265		Social Law	12	0	0	0	0	0	0	12
266		Criminal Law	10	1	0	0	0	0	0	11
267		Politics	119	1	1	1	0	0	0	122
	LAW Total			247	4	1	1	0	0	253
271	ECONOMICS	General Theory of Economics	103	4	0	0	0	0	0	107
272		Economical Statistics	21	2	0	0	0	0	1	24
273		Economic Policy (inclu. Economic Condition)	128	3	0	1	0	1	133	
274		Economic History	33	0	0	0	0	0	33	
275		Public Finance, Money and Banking	34	3	0	0	0	0	37	
276		Commercial Science	24	1	0	0	0	0	25	
277		Business Administration	113	2	0	1	0	0	116	
278		Accounting	27	0	0	0	0	0	27	
	ECONOMICS Total			483	15	0	2	0	2	502
301	SCIENCE		Algebra	79	0	2	0	0	0	81
302			Geometry	82	1	7	0	0	0	90
304			Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	149	2	1	2	0	0	154
305			Basic Analysis	105	0	4	0	0	1	110
306			Larger-area Analysis	62	1	1	0	0	0	64
		Mathematics total	477	4	15	2	0	1	499	
311		Astronomy	51	0	1	30	0	0	82	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	245	5	4	38	0	0	292	

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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)	173	0	2	3	0	0	178
323			Solid-State Physics II (Magnetism, Metal Physics,	197	0	2	5	0	0	204
324			Physical Properties in General (inclu. Basic Theories)	96	4	1	6	0	0	107
325			Physics in General	93	2	2	11	0	0	108
			Physics total	804	11	11	63	0	0	889
331			Physics of Solid Earth	83	0	0	9	0	0	92
332			Meteorology, Oceanography and Hydrology	119	1	3	7	0	0	130
333			Aeronomy	25	0	1	8	0	0	34
334			Geology	40	0	0	1	0	1	42
335			Stratigraphy and Paleontology	29	0	0	1	4	2	36
336			Mineralogy, Petrology and Study of Mineral Deposit	62	0	0	0	0	0	62
337			Geochemistry	48	0	1	2	1	0	52
			Earth Science total	406	1	5	28	5	3	448
341			Physical Chemistry	266	3	3	25	0	1	298
342			Organic Chemistry	219	1	8	4	0	7	239
343			Inorganic Chemistry	155	0	0	1	1	0	157
344			Function, Properties and Materials in Chemistry	122	2	3	4	1	0	132
345			Substance Transformation	9	0	1	0	0	1	11
346			Separation, Refining and Identification	88	0	1	1	0	0	90
			Chemistry total	859	6	16	35	2	9	927
351			Genetics	54	0	0	5	0	0	59
352			Ecology	84	3	0	5	1	4	97
353			Plant Physiology	102	1	0	3	0	0	106
354			Morphology, Structure of Organism	50	1	0	3	0	1	55
355			Animal Physiology and	60	1	0	1	0	0	62
356			Morphology and Taxonomy	40	1	0	1	6	2	50
			Biology total	390	7	0	18	7	7	429
361			Physical Anthropology (inclu. Physiological Anthropology)	27	1	0	0	1	0	29
	SCIENCE Total			3,014	30	48	176	15	20	3,303
401	E N G I N E E R I N G		Applied Physics of Property and Crystallography	126	0	4	1	0	0	131
402			Surface Physics	78	0	0	0	0	1	79
403			Applied Optics and Quantum Optics	142	1	4	2	0	2	151
404			General Applied Physics	31	0	0	2	0	3	36
405			Fundamentals of Engineering	33	1	0	2	0	0	36
			Applied Physics-Fundamentals of Engineering total	410	2	8	7	0	6	433
411			Materials for Machines and Strength of Materials	211	3	17	1	0	0	232
412			Workshop Processes and Production Engineering	163	1	18	0	0	0	182
413			Design Engineering, Machine Elements and Tribology	74	1	7	0	0	0	82
414			Fluid Mechanics	209	2	22	1	0	0	234
415			Heat Engineering	163	2	10	4	0	0	179
416			Mechanics and Control Engineering	110	2	18	1	0	0	131
417			Intelligent Mechanics and Machine System	167	0	8	0	0	0	175
			Machine Engineering total	1,097	11	100	7	0	0	1,215
421			Electric Power Engineering and Electric Machinery	185	2	23	1	0	0	211
422			Electronic and Electric Materials Engineering	220	2	13	1	0	1	237
423			Electron Devices and Apparatus Engineering	228	1	12	1	0	0	242
424			Information and Communication Engineering	453	5	26	8	0	0	492

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
425	E N G I N E E R I N G		System Engineering	105	2	5	3	0	0	115
427			Electronic Measurements	101	2	8	0	0	0	111
428			Control Engineering	104	2	19	1	0	0	126
			Electric and Electronic Engineering	1,396	16	106	15	0	1	1,534
431			Construction Materials and Dynamics in General Civil Engineering	68	0	5	0	0	0	73
432			Structural Engineering and Seismology	89	3	3	0	0	0	95
433			Ground Engineering	83	1	10	0	0	0	94
434			Hydraulics and River Engineering	115	1	10	0	0	0	126
435			Traffic Engineering and Regional Planning	85	1	4	0	0	0	90
436			Civil Environmental System	66	0	3	0	0	0	69
			Civil Engineering total	506	6	35	0	0	0	547
441		G	Building Structure and Materials	131	0	6	0	0	0	137
442			Building Science and Building Equipment	86	3	2	0	0	0	91
443			City Planning and Building Planning	109	2	1	0	0	0	112
444			Architectural History and Design	29	1	2	0	0	0	32
			Architecture total	355	6	11	0	0	0	372
451		N	Physical Metallurgy	95	1	8	0	0	0	104
452			Inorganic Materials and	124	1	2	1	0	1	129
453			Composed Materials and Properties	41	0	5	0	0	0	46
454			Structural and Functional Materials	99	2	4	1	0	1	107
455		R	Metallurgy and Material	103	5	5	2	0	0	115
456			Metal Productive Engineering	51	1	1	0	0	0	53
			Material Engineering total	513	10	25	4	0	2	554
461		G	Chemical Engineering in General	97	1	4	0	0	0	102
462			Reaction and Separation Engineering	65	0	3	0	0	0	68
463			Catalyst and Chemical Process	73	0	1	2	0	0	76
464			Bioengineering	87	0	4	0	0	0	91
465			Industrial Analytical Chemistry	50	0	2	0	0	0	52
			Process Engineering total	372	1	14	2	0	0	389
471			Industrial Physical Chemistry	105	0	3	0	0	0	108
472			Industrial Inorganic Chemistry	43	0	1	0	0	0	44
473			Industrial Organic Chemistry	38	0	1	0	0	0	39
474			Synthetic Chemistry	136	1	4	0	0	0	141
475			Polymer Synthesis	90	0	1	0	0	0	91
476			Polymer Structure and Property (inclu. Fiber)	85	1	2	1	0	0	89
			Industrial Chemistry total	497	2	12	1	0	0	512
481			Aeronautics	57	1	2	12	0	0	72
482			Ship Engineering	35	1	2	0	0	0	38
483			Marine Engineering	20	0	0	0	0	0	20
484			Resource Development Engineering	42	0	1	0	0	0	43
			Synthetic Engineering total	154	2	5	12	0	0	173
			ENGINEERING Total	5,300	56	316	48	0	9	5,729
501	A G R I C U L T U R E		Plant Breeding	42	1	1	0	0	0	44
502			Crop Science	25	0	0	0	0	0	25
503			Horticulture and Landscape Architecture	68	1	0	0	1	0	70
504			Plant Protection	55	1	0	0	0	0	56
505			Sericultural Science and Economic Entomology	15	0	0	0	0	1	16
			Agriculture total	205	3	1	0	1	1	211
511			Plant Fertilizer and Manure and Soil Science	33	0	0	0	0	0	33
512			Applied Microbiochemistry and Applied Biochemistry	126	2	4	0	0	2	134
513			Biological Productive Chemistry and Bioorganic Chemistry	44	0	0	0	0	1	45
514			Food Science and Nutritional Chemistry	113	8	1	0	0	0	122

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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
			Agricultural Chemistry total	316	10	5	0	0	3	334
521	A		Forestry	64	0	0	0	0	0	64
522	G		Wood Science	56	0	0	0	0	0	56
			Forestry total	120	0	0	0	0	0	120
531	R		Fisheries in General	107	0	0	0	0	0	107
532			Fisheries Chemistry	35	0	0	0	0	0	35
			Fisheries total	142	0	0	0	0	0	142
541	I		Agricultural Economics	34	2	0	0	0	0	36
551	C		Irrigation, Drainage and Reclamation Engineering and Rural Planning	39	2	0	0	0	0	41
552	U		Agricultural Machinery	36	1	0	0	0	0	37
553	L		Biological Environment	18	0	0	0	0	0	18
			Agricultural Engineering total	93	3	0	0	0	0	96
561	T		Animal Science and Grassland Science	46	0	0	0	0	0	46
562	U		Applied Animal Science	53	0	0	0	0	0	53
563	R		Basic Veterinary Medicine and Basic Animal Science	55	1	0	0	0	0	56
564			Applied Veterinary Medicine	45	0	0	0	0	1	46
	E		Animal Science·Veterinary Medicine total	199	1	0	0	0	1	201
571			Biological Resource Science	11	0	0	0	0	2	13
572			Applied Molecular Cell Biology	12	1	1	1	0	0	15
			Interdisciplinary Agricultural Science total	23	1	1	1	0	2	28
			AGRICULTURE Total	1,132	20	7	1	1	7	1,168
601			Anatomy in General (inclu. Histology, Embryology)	97	3	0	0	0	0	100
602			Physiology in General	103	5	0	3	0	0	111
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	63	6	0	0	0	0	69
604			Pharmacology in General	95	1	0	1	0	0	97
605			Medical Chemistry in General	104	1	0	0	0	3	108
606			Pathological Medical Chemistry	40	0	0	0	0	1	41
			Physiology total	502	16	0	4	0	4	526
611	M		Hominal Pathology	106	1	0	0	0	1	108
612	E		Experimental Pathology	66	0	0	0	0	4	70
613			Parasitology (inclu. Medical Zoology)	48	0	0	0	0	0	48
614	D		Bacteriology (inclu. Eumycetes)	78	2	0	0	0	1	81
615			Virology	63	0	0	0	0	0	63
616	I		Immunology	103	3	0	0	0	2	108
			Pathology total	464	6	0	0	0	8	478
621	C		Hygiene	72	3	0	0	0	1	76
622			Public Health and Health Science	114	11	0	0	0	0	125
623	I		Legal Medicine	40	0	0	0	0	0	40
			Social Medicine total	226	14	0	0	0	1	241
631	N		Internal Medicine in General	116	4	0	0	0	2	122
632	E		Gastroenterology	190	0	0	0	0	2	192
633			Internal Medicine Respiratory System	120	4	0	0	0	1	125
634			Neurological Medicine	122	3	0	1	0	0	126
635			Cardioangiology	212	3	0	0	0	2	217
636			Pediatrics	166	2	0	0	1	0	169
637			Dermatology	93	0	0	0	0	0	93
638			Radiology	238	5	0	0	0	0	243
639			Neuropsychiatry	136	4	0	0	1	0	141
641			Hematology	109	5	0	0	0	0	114
642			Internal Medicine of Kidney	79	1	0	0	0	0	80
643			Embryology and Newborn	6	1	0	0	0	0	7
644			Endocrinology	68	1	0	0	0	0	69
645			Metabolic Science	77	3	0	0	0	0	80
			Internal Medicine total	1,732	36	0	1	2	7	1,778
651			Surgery in General	93	0	0	0	0	1	94
652			Gastroenterological Surgery	177	1	0	0	0	4	182
653			Thoracic Surgery	81	1	0	0	0	0	82

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

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	137	0	0	0	0	0	137
655			Orthopedic Surgery	253	6	0	0	0	0	259
656			Anesthesiology and Rescue Medicine	166	0	0	0	0	0	166
657			Urology	144	0	0	0	0	0	144
658			Obstetrics and Gynecology	158	1	0	0	0	0	159
659			Oto-rhino-laryngology	110	0	0	0	0	0	110
660			Ophthalmology	159	0	0	0	0	0	159
661			Pediatric Surgery	24	2	0	0	0	0	26
662			Formative Surgery	24	0	0	0	0	0	24
			Surgery total	1,526	11	0	0	0	5	1,542
671	E		Oral Anatomy and Morphological Basic Dentistry	97	1	0	0	0	0	98
672			Functional Basic Dentistry	94	0	0	0	0	0	94
673			Morbid Dentistry (inclu. Dental Radiology)	53	0	0	0	0	0	53
674			Conservative Dentistry	124	1	0	0	0	0	125
675			Prosthodontics and Dental Technology	168	1	0	0	0	0	169
676			Oral Surgery	198	0	0	0	0	0	198
677			Orthodontics, Pedodontics and Social Dentistry	179	0	0	0	0	0	179
678			Periodontological Dentistry	52	0	0	0	0	0	52
			Dentistry total	965	3	0	0	0	0	968
681	E		Chemical Pharmaceutics	166	0	0	0	0	0	166
682			Physical Pharmaceutics	86	0	0	0	0	0	86
683			Biopharmaceutics	204	0	0	0	0	4	208
684			Molecular Pharmaceutics	46	0	0	0	0	0	46
685			Environmental Pharmaceutics	6	0	0	0	0	0	6
			Pharmaceutics total	508	0	0	0	0	4	512
691			Medical Sociology	20	1	0	0	0	0	21
692			Human Genetics	21	1	0	0	0	0	22
693			Applied Pharmacology and Medical Pharmacology	66	1	0	0	0	0	67
694			Pathological Examination	35	7	0	0	0	0	42
696			Science of Basic and Local Nursing	39	7	0	0	0	0	46
697			Science of Clinical Nursing	60	15	0	0	0	0	75
			Medicine in General total	241	32	0	0	0	0	273
			MEDICINE Total	6,164	118	0	5	2	29	6,318
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	14	2	0	0	0	0	16
703			Physical Education	154	10	3	0	0	0	167
704			Human Geography	41	0	0	0	0	0	41
705			Physical Geography	35	1	0	0	0	0	36
			Geography total	76	1	0	0	0	0	77
706			Home Science (inclu. Cloth/Living Environments)	34	19	0	0	0	0	53
707			Food Culture	21	9	0	0	0	0	30
			Domestic Science total	55	28	0	0	0	0	83
708			Science of Cultural Property	4	0	0	0	3	0	7
711			Science Education	29	1	0	0	4	0	34
712	A		Educational Engineering	43	5	5	6	2	0	61
713			Curriculum Studies	66	6	0	0	0	0	72
714			Japanese Language Education	39	2	0	0	3	0	44
			Science Education·Curriculum Education total	177	14	5	6	9	0	211
721			Statistics	56	1	0	6	0	0	63
731			Computer Science	306	2	10	9	0	0	327
732			Intelligent Informatics	265	4	17	8	0	0	294
733	I		Study of Information System (Inclu. Library and Information Science)	80	1	1	10	0	1	93
			Information Science total	651	7	28	27	0	1	714
741			Social System Engineering	127	2	0	0	0	0	129
751			Natural Disaster Science	12	0	1	0	0	0	13
761			Plasma Science and Technology	95	0	2	20	0	0	117
772			Nuclear Fusion	31	1	1	12	0	1	46

Table 39. Number of Researchers Who Have Spoken at International Conference, Etc., Overseas by Field of Specialization / by Institution Type (Japan)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Private Scientific Research Institutes	Total
773	N T		Energy Science General	20	0	0	0	0	0	20
774			Nuclear Power Science	42	1	0	0	0	0	43
	E		Energy total	93	2	1	12	0	1	109
801	R D I		Environmental Dynamic Analysis	67	1	0	0	0	0	68
802			Environmental Influence Assessment (inclu. Radiobiology)	42	1	2	1	0	2	48
803			Environmental Preservation	58	0	0	0	0	2	60
	C		Environmental Science total	167	2	2	1	0	4	176
811	I P L		Biological Organic Chemistry	66	2	2	0	0	2	72
812			Structured Biochemistry	59	0	0	1	0	0	60
813			Functional Biochemistry	87	2	0	0	0	0	89
	I		Biological Chemistry total	212	4	2	1	0	2	221
821	N A R Y		Biophysics	81	0	2	7	0	0	90
822			Molecular Biology	199	1	0	10	0	2	212
823			Cell Biology	118	1	0	2	0	2	123
824			Developmental Biology	72	0	0	4	0	0	76
			Basic Biology total	470	2	2	23	0	4	501
831	A R E A		Neuroanatomy and Neuropathology	52	3	0	0	0	0	55
832			Neurochemistry and Neuropharmacology	67	1	0	0	0	1	69
833			Neuro Science in General	97	0	1	6	0	3	107
834			Neuro and Muscular Physiology	61	2	0	2	0	0	65
			Neuro Science (inclu. Brain Science) total	277	6	1	8	0	4	296
841			Laboratory Animal Science	13	0	0	0	0	5	18
851			Medical Organism Engineering and Material Science of Organism	202	8	8	0	0	0	218
			INTERDISCIPLINARY AREA Total	2,855	89	55	104	12	21	3,136
999	WIDE AREA Total			151	10	1	2	0	1	165
	Item n.a. Total			174	1	0	3	0	1	179
	Grand Total			21,222	452	435	361	50	92	22,612

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
211	ARTS • HUMANITIES		Philosophy	14	0	1	0	0	15
212			Chinese Philosophy	6	0	1	0	0	7
213			Indian Philosophy (inclu. Buddhist Studies)	6	0	1	1	0	8
214			Religion	14	0	0	0	0	14
215			Ethics	8	0	0	0	0	8
216			History of Philosophy	3	0	0	0	0	3
217			Aesthetics (inclu. Arts)	24	0	0	1	0	25
218			Art History	13	0	0	0	2	15
		Philosophy total	88	0	3	2	2	95	
221			Experimental Psychology	70	1	0	2	2	75
222			Educational and Social	108	0	0	3	3	114
223			Sociology	42	0	0	2	0	44
224			Education	73	1	1	1	3	79
225			Cultural Anthropology (inclu. Ethnology and Folklore)	16	0	0	6	0	22
		Psychology • Sociology • Education Cultural Anthropology total	309	2	1	14	8	334	
231			Japanese History	14	0	0	1	1	16
232			Oriental History	40	0	1	0	0	41
233			European History	17	0	0	0	0	17
234			Archaeology (inclu. Prehistory)	16	0	0	0	4	20
		History total	87	0	1	1	5	94	
241			Japanese Language	17	0	0	0	2	19
242			Japanese Literature	11	0	0	1	0	12
243			Chinese Language and Literature	23	0	0	0	0	23
244			English Language and Literature	23	0	2	0	0	25
245			French Language and Literature	11	0	0	0	0	11
246			German Language and Literature	7	0	0	0	0	7
247			Other Foreign Languages and Literatures	24	0	0	0	0	24
248			Linguistics and Phonetics	53	0	0	1	3	57
249			Literature in General (inclu. Literary Theory, Comparative Literature) and Western Classics	8	0	0	0	0	8
		Literature total	177	0	2	2	5	186	
	ARTS • HUMANITIES Total	661	2	7	19	20	709		
261	LAW	Basic Science of Law	9	0	0	0	0	9	
262		Public Law	9	0	0	0	0	9	
263		International Law	13	0	0	0	0	13	
264		Civil Law	9	1	0	0	0	10	
265		Social Law	3	0	0	0	0	3	
266		Criminal Law	4	0	0	0	0	4	
267		Politics	34	0	1	1	0	36	
	LAW Total	81	1	1	1	0	84		
271	ECONOMICS	General Theory of Economics	29	0	0	0	0	29	
272		Economical Statistics	7	0	0	0	0	7	
273		Economic Policy (inclu. Economic Condition)	42	0	0	1	0	43	
274		Economic History	13	0	0	0	0	13	
275		Public Finance, Money and Banking	10	0	0	0	0	10	
276		Commercial Science	3	0	0	0	0	3	
277		Business Administration	25	0	0	1	0	26	
278		Accounting	4	0	0	0	0	4	
	ECONOMICS Total	133	0	0	2	0	135		
301	SCIENCE	Algebra	51	0	2	0	0	53	
302		Geometry	47	0	7	0	0	54	
304		Mathematics in General (inclu. Probability Theory and Mathematical Statistics)	87	0	1	2	0	90	
305		Basic Analysis	71	0	4	0	0	75	
306		Larger-area Analysis	39	0	1	0	0	40	
		Mathematics total	295	0	15	2	0	312	
311		Astronomy	46	0	1	30	0	77	
321		Elementary Particles Physics, Nuclear Physics, Cosmic Ray Physics, and Cosmic Physics	177	0	3	38	0	218	

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
322			Solid-State Physics I (Optical Properties, Semiconductor and Dielectrics)	121	0	2	3	0	126
323			Solid-State Physics II (Magnetism, Metal Physics,	144	0	2	5	0	151
324			Physical Properties in General (inclu. Basic Theories)	63	1	1	6	0	71
325			Physics in General	55	1	1	11	0	68
			Physics total	560	2	9	63	0	634
331			Physics of Solid Earth	74	0	0	9	0	83
332			Meteorology, Oceanography and Hydrology	102	0	3	7	0	112
333	S		Aeronomy	19	0	1	8	0	28
334			Geology	34	0	0	1	0	35
335	C		Stratigraphy and Paleontology	22	0	0	1	4	27
336	I		Mineralogy, Petrology and Study of Mineral Deposit	55	0	0	0	0	55
337			Geochemistry	39	0	1	2	1	43
	E		Earth Science total	345	0	5	28	5	383
341			Physical Chemistry	175	0	3	25	0	203
342	N		Organic Chemistry	154	1	8	4	0	167
343			Inorganic Chemistry	105	0	0	1	1	107
344	C		Function, Properties and Materials in Chemistry	83	0	2	4	1	90
345	E		Substance Transformation	5	0	1	0	0	6
346			Separation, Refining and Identification	58	0	1	1	0	60
			Chemistry total	580	1	15	35	2	633
351			Genetics	40	0	0	5	0	45
352			Ecology	58	0	0	5	1	64
353			Plant Physiology	68	0	0	3	0	71
354			Morphology, Structure of	35	0	0	3	0	38
355			Animal Physiology and	41	0	0	1	0	42
356			Morphology and Taxonomy	28	0	0	1	6	35
			Biology total	270	0	0	18	7	295
361			Physical Anthropology (inclu. Physiological Anthropology)	16	0	0	0	1	17
			SCIENCE Total	2,112	3	45	176	15	2,351
401			Applied Physics of Property and Crystallography	88	0	2	1	0	91
402			Surface Physics	58	0	0	0	0	58
403			Applied Optics and Quantum	95	0	4	2	0	101
404	E		General Applied Physics	24	0	0	2	0	26
405			Fundamentals of Engineering	22	0	0	2	0	24
	N		Applied Physics·Fundamentals of Engineering total	287	0	6	7	0	300
411	G		Materials for Machines and Strength of Materials	139	1	16	1	0	157
412	I		Workshop Processes and Production Engineering	93	1	13	0	0	107
413	N		Design Engineering, Machine Elements and Tribology	50	1	5	0	0	56
414	E		Fluid Mechanics	137	0	19	1	0	157
415			Heat Engineering	101	1	9	4	0	115
416	E		Mechanics and Control	56	0	14	1	0	71
417			Intelligent Mechanics and Machine System	119	0	8	0	0	127
	R		Machine Engineering total	695	4	84	7	0	790
421	I		Electric Power Engineering and Electric Machinery	105	0	17	1	0	123
422	N		Electronic and Electric Materials Engineering	126	0	13	1	0	140
423	G		Electron Devices and Apparatus Engineering	149	0	12	1	0	162
424			Information and Communication Engineering	266	0	22	8	0	296
425			System Engineering	60	2	5	3	0	70
427			Electronic Measurements	62	0	6	0	0	68
428			Control Engineering	68	1	14	1	0	84

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
			Electric and Electronic Engineering	836	3	89	15	0	943
431			Construction Materials and Dynamics in General Civil Engineering	48	0	5	0	0	53
432			Structural Engineering and Seismology	57	0	3	0	0	60
433			Ground Engineering	62	0	10	0	0	72
434			Hydraulics and River Engineering	80	0	9	0	0	89
435			Traffic Engineering and Regional Planning	51	0	4	0	0	55
436			Civil Environmental System	46	0	3	0	0	49
			Civil Engineering total	344	0	34	0	0	378
441	E		Building Structure and Materials	59	0	6	0	0	65
442	N		Building Science and Building Equipment	39	1	1	0	0	41
443	G		City Planning and Building	63	0	1	0	0	64
444			Architectural History and Design	8	0	2	0	0	10
			Architecture total	169	1	10	0	0	180
451	I		Physical Metallurgy	77	0	8	0	0	85
452			Inorganic Materials and	85	0	2	1	0	88
453	N		Composed Materials and	24	0	4	0	0	28
454	E		Structural and Functional	84	0	3	1	0	88
455			Metallurgy and Material	80	1	5	2	0	88
456	E		Metal Productive Engineering	43	0	1	0	0	44
			Material Engineering total	393	1	23	4	0	421
461	R		Chemical Engineering in General	80	0	4	0	0	84
462			Reaction and Separation Engineering	49	0	3	0	0	52
463	I		Catalyst and Chemical Process	60	0	1	2	0	63
464			Bioengineering	69	0	4	0	0	73
465	N		Industrial Analytical Chemistry	37	0	2	0	0	39
			Process Engineering total	295	0	14	2	0	311
471	G		Industrial Physical Chemistry	83	0	2	0	0	85
472			Industrial Inorganic Chemistry	33	0	1	0	0	34
473			Industrial Organic Chemistry	18	0	1	0	0	19
474			Synthetic Chemistry	109	0	4	0	0	113
475			Polymer Synthesis	56	0	1	0	0	57
476			Polymer Structure and Property (inclu. Fiber)	63	0	2	1	0	66
			Industrial Chemistry total	362	0	11	1	0	374
481			Aeronautics	44	0	2	12	0	58
482			Ship Engineering	32	0	2	0	0	34
483			Marine Engineering	9	0	0	0	0	9
484			Resource Development	37	0	1	0	0	38
			Synthetic Engineering total	122	0	5	12	0	139
			ENGINEERING Total	3,503	9	276	48	0	3,836
501	A		Plant Breeding	37	0	1	0	0	38
502	G		Crop Science	19	0	0	0	0	19
503	R		Horticulture and Landscape Architecture	52	0	0	0	1	53
504	I		Plant Protection	44	0	0	0	0	44
505	C		Sericultural Science and Economic Entomology	11	0	0	0	0	11
			Agriculture total	163	0	1	0	1	165
511	U		Plant Fertilizer and Manure and Soil Science	27	0	0	0	0	27
512	R		Applied Microbiochemistry and Applied Biochemistry	90	0	4	0	0	94
513			Biological Productive Chemistry and Bioorganic Chemistry	37	0	0	0	0	37
514	A		Food Science and Nutritional Chemistry	70	0	1	0	0	71
			Agricultural Chemistry total	224	0	5	0	0	229
521			Forestry	58	0	0	0	0	58
522	G		Wood Science	51	0	0	0	0	51
			Forestry total	109	0	0	0	0	109
531	R		Fisheries in General	87	0	0	0	0	87
532			Fisheries Chemistry	30	0	0	0	0	30
			Fisheries total	117	0	0	0	0	117

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total	
541	C U L T U R E		Agricultural Economics	24	0	0	0	0	24	
551			Irrigation, Drainage and Reclamation Engineering and Agricultural Machinery	33	0	0	0	0	33	
552				35	0	0	0	0	35	
553				Biological Environment	14	0	0	0	0	14
		Agricultural Engineering total	82	0	0	0	0	82		
561		T	Animal Science and Grassland Science	39	0	0	0	0	39	
562				Applied Animal Science	42	0	0	0	0	42
563		U	Basic Veterinary Medicine and Basic Animal Science	38	0	0	0	0	38	
564				Applied Veterinary Medicine	29	0	0	0	0	29
		E	Animal Science·Veterinary Medicine total	148	0	0	0	0	148	
571			Biological Resource Science	10	0	0	0	0	10	
572				Applied Molecular Cell Biology	8	0	0	1	0	9
			Interdisciplinary Agricultural Science total	18	0	0	1	0	19	
AGRICULTURE Total				885	0	6	1	1	893	
601	M E D I C I N E		Anatomy in General (inclu. Histology, Embryology)	45	0	0	0	0	45	
602			Physiology in General	66	1	0	3	0	70	
603			Environmental Physiology (inclu. Physical Fitness and Sports Medicine, and Nutritional Physiology)	25	2	0	0	0	27	
604			Pharmacology in General	41	0	0	1	0	42	
605			Medical Chemistry in General	59	0	0	0	0	59	
606			Pathological Medical Chemistry	25	0	0	0	0	25	
			Physiology total	261	3	0	4	0	268	
611		E	Hominal Pathology	56	0	0	0	0	56	
612				Experimental Pathology	45	0	0	0	0	45
613				Parasitology (inclu. Medical	22	0	0	0	0	22
614		D	Bacteriology (inclu. Eumycetes)	40	1	0	0	0	41	
615				Virology	42	0	0	0	0	42
616				Immunology	67	0	0	0	0	67
		Pathology total	272	1	0	0	0	273		
621		C	Hygiene	31	0	0	0	0	31	
622				Public Health and Health Science	47	1	0	0	0	48
623				Legal Medicine	24	0	0	0	0	24
		Social Medicine total	102	1	0	0	0	103		
631		N E	Internal Medicine in General	60	1	0	0	0	61	
632				Gastroenterology	94	0	0	0	0	94
633				Internal Medicine Respiratory System	51	3	0	0	0	54
634				Neurological Medicine	77	1	0	1	0	79
635				Cardioangiopathy	97	2	0	0	0	99
636				Pediatrics	85	0	0	0	1	86
637				Dermatology	47	0	0	0	0	47
638				Radiology	137	5	0	0	0	142
639				Neuropsychiatry	62	1	0	0	1	64
641				Hematology	53	3	0	0	0	56
642				Internal Medicine of Kidney	35	0	0	0	0	35
643				Embryology and Newborn	4	1	0	0	0	5
644				Endocrinology	35	1	0	0	0	36
645				Metabolic Science	41	0	0	0	0	41
				Internal Medicine total	878	18	0	1	2	899
651		Surgery in General	43	0	0	0	0	43		
652			Gastroenterological Surgery	77	1	0	0	0	78	
653			Thoracic Surgery	39	1	0	0	0	40	
654			Neurosurgery	69	0	0	0	0	69	
655			Orthopedic Surgery	131	4	0	0	0	135	
656			Anesthesiology and Rescue Medicine	100	0	0	0	0	100	
657			Urology	78	0	0	0	0	78	
658			Obstetrics and Gynecology	72	1	0	0	0	73	
659			Oto-rhino-laryngology	53	0	0	0	0	53	
660			Ophthalmology	77	0	0	0	0	77	
661			Pediatric Surgery	15	0	0	0	0	15	

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subj ect	Subd ivisi on	I t e m	Universities	Junior Colleges	Colleges of Technology	Inter- University Research Institutes	Government Research Institutes	Total
662	M		Formative Surgery	6	0	0	0	0	6
			Surgery total	760	7	0	0	0	767
671	E		Oral Anatomy and Morphological Basic Dentistry	34	0	0	0	0	34
672	D		Functional Basic Dentistry	39	0	0	0	0	39
673	I		Morbid Dentistry (inclu. Dental Radiology)	22	0	0	0	0	22
674	C		Conservative Dentistry	60	0	0	0	0	60
675			Prosthodontics and Dental Technology	76	0	0	0	0	76
676	I		Oral Surgery	98	0	0	0	0	98
677	N		Orthodontics, Pedodontics and Social Dentistry	95	0	0	0	0	95
678			Periodontological Dentistry	29	0	0	0	0	29
	E		Dentistry total	453	0	0	0	0	453
681			Chemical Pharmaceutics	78	0	0	0	0	78
682			Physical Pharmaceutics	35	0	0	0	0	35
683			Biopharmaceutics	85	0	0	0	0	85
684			Molecular Pharmaceutics	25	0	0	0	0	25
685			Environmental Pharmaceutics	1	0	0	0	0	1
			Pharmaceutics total	224	0	0	0	0	224
691			Medical Sociology	8	1	0	0	0	9
692			Human Genetics	16	0	0	0	0	16
693			Applied Pharmacology and Medical Pharmacology	33	0	0	0	0	33
694			Pathological Examination	19	3	0	0	0	22
696			Science of Basic and Local Nursing	18	4	0	0	0	22
697			Science of Clinical Nursing	29	8	0	0	0	37
			Medicine in General total	123	16	0	0	0	139
			MEDICINE Total	3,073	46	0	5	2	3,126
702	I		History of Science and Technology (inclu. Sociology of Science, and Basic Theory of Science and Technology)	6	0	0	0	0	6
703	N		Physical Education	77	1	3	0	0	81
704	T		Human Geography	24	0	0	0	0	24
705	R		Physical Geography	22	0	0	0	0	22
	D		Geography total	46	0	0	0	0	46
706	I		Home Science(inclu. Cloth/Living Environments)	17	0	0	0	0	17
707	S		Food Culture	4	0	0	0	0	4
	C		Domestic Science total	21	0	0	0	0	21
708	P		Science of Cultural Property	3	0	0	0	3	6
711			Science Education	22	0	0	0	4	26
712			Educational Engineering	26	1	5	6	2	40
713			Curriculum Studies	45	2	0	0	0	47
714			Japanese Language Education	20	0	0	0	3	23
			Science Education·Curriculum Education total	113	3	5	6	9	136
721	A		Statistics	31	0	0	6	0	37
731			Computer Science	207	1	9	9	0	226
732			Intelligent Informatics	177	1	17	8	0	203
733			Study of Information System (Inclu. Library and Information)	32	0	1	10	0	43
			Information Science total	416	2	27	27	0	472
741			Social System Engineering	54	0	0	0	0	54
751			Natural Disaster Science	10	0	1	0	0	11
761			Plasma Science and Technology	71	0	2	20	0	93
772	I		Nuclear Fusion	29	0	1	12	0	42
773	N		Energy Science General	12	0	0	0	0	12
774	T		Nuclear Power Science	35	1	0	0	0	36
	E		Energy total	76	1	1	12	0	90
801	R		Environmental Dynamic Analysis	44	0	0	0	0	44
802	D		Environmental Influence Assessment (inclu. Radiobiology)	25	1	2	1	0	29
803	S		Environmental Preservation	33	0	0	0	0	33
	C		Environmental Science total	102	1	2	1	0	106
811	I		Biological Organic Chemistry	48	0	2	0	0	50
812	P		Structured Biochemistry	36	0	0	1	0	37

Table 40. Number of Researchers Who Have Spoken at International Conferences, Etc., Overseas by Field of Specialization / by Institution Type (National Institutions)

Code	Subject	Subdivision	Item	Universities	Junior Colleges	Colleges of Technology	Inter-University Research Institutes	Government Research Institutes	Total
813	L I N E A R Y A R E A		Functional Biochemistry	47	0	0	0	0	47
			Biological Chemistry total	131	0	2	1	0	134
821			Biophysics	55	0	2	7	0	64
822			Molecular Biology	145	1	0	10	0	156
823			Cell Biology	85	0	0	2	0	87
824			Developmental Biology	57	0	0	4	0	61
			Basic Biology total	342	1	2	23	0	368
831			Neuroanatomy and	26	1	0	0	0	27
832			Neurochemistry and Neuropharmacology	35	0	0	0	0	35
833			Neuro Science in General	60	0	1	6	0	67
834			Neuro and Muscular Physiology	33	1	0	2	0	36
			Neuro Science (inclu. Brain Science) total	154	2	1	8	0	165
841			Laboratory Animal Science	12	0	0	0	0	12
851			Medical Organism Engineering and Material Science of Organism	129	3	7	0	0	139
			INTERDISCIPLINARY AREA Total	1,794	14	53	104	12	1,977
999			WIDE AREA Total	54	1	1	2	0	58
			Item n.a. Total	110	0	0	3	0	113
			Grand Total	12,406	76	389	361	50	13,282