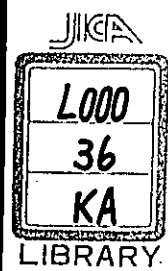


No. 21

STATISTIC REPORT

Date as of Decembr 31, 1971

Overseas Technical Cooperation Agency
General Affairs Department
Tokyo, Japan



国際協力事業団	
受入 月日 '87.12.04	L000
登録 No. 17016	36
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Preface

The tables appearing in this No. 21 report provide such summary information on significant aspect of O.T.C.A.'s activities as number of Technical Participants received in Japan, Japanese experts assigned abroad. The Technical Cooperation Centers established in the developing countries, Survey Teams, Missions dispatched for development projects, number of The Japan Overseas Cooperation Volunteers and Equipment Assistance under the various kind of Technical Cooperation Schemes and Agreements.

Among these activities, reception of Technical Participants, Assignment of Japanese experts abroad and The Japan Overseas Cooperation Volunteers have been carrying out under various kinds of Technical Cooperation Program as classified below:

A. The Technical Cooperation Scheme wholly financed by Japanese Government.

(1) Japanese Technical Cooperation Schemes (Colombo Plan, etc.)

(2) The Japan Overseas Cooperation Volunteers Program commenced in 1965.

B. The Technical Cooperation Schemes partly financed by Japanese Government.

(1) Aid Requesting Countries Independent Founding Scheme
(The G.G. Base Plan)

(2) Technical Cooperation Schemes by the United Nations
(U.N. Plans; including IAEA (Type I), program and F.A.O. etc.)
(Note : Japan started to take part in U. N. scheme in 1954.)

(3) Others

The Japan - U.S. Third Country Training Program; started in 1954
(completed on 31st March, 1965)

Indonesian Reparation Program; stated in 1960. (completed on 31st
March, 1968)

Apart from the above-mentioned schemes, Japan is extending such Technical Cooperation under the reparation agreement to Philippines and other countries as listed below:

Philippines Reparation Program; started in 1963. Agreement between the Government of Japan and the Government of Royal Cambodge for Economic and Technical Cooperation; in 1959. The Agreement on the Settlement of Problem Concerning Property and Claims and on the Economic Cooperation between the Republic of Korea and Japan; started in 1967. (claim Fund)
Recommendation of Technical Experts requested by Developing Countries (Others); started in 1965.

Overseas Technical Cooperation Agency
General Affairs Department
No. 42, Honmura-cho, Ichigaya,
Shinjuku-ku, Tokyo.
Tel.: (353) 2171



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I. Number of Participants, Exports & Volunteers

(1) By Program, Year

1971. 12. 31

Fiscal Year		Participants																	Exports																											
		1955	'56	'57	'58	'59	'60	'61	'62	'63	'64	'65	'66	'67	'68	'69	'70	'71	Total	1955	'56	'57	'58	'59	'60	'61	'62	'63	'64	'65	'66	'67	'68	'69	'70	'71	Total									
Bilateral Technical Cooperation	Asian Area	16	39	72	91	120	203	242	250	374	422	544	726	613	768	1,007	1,102	863	7,452	28	32	50	40	60	96	87	72	87	66	113	80	121	132	129	148	149	1,490									
	Near, Middle-East & African Area				4	17	48	36	79	60	82	88	171	117	178	235	274	250	1,639				4	17	26	14	20	16	14	26	29	38	49	71	69	26	419									
	Latin American Area				4	7	33	34	51	40	48	74	100	91	98	150	208	149	1,087				1	1	9	8	4	8	10	15	24	38	39	29	29	18	233									
International Organizations	I.A.E.A. (Type II)					12	12	9	10	8	1	8	10	10	7	9	8	27	131																											
	Others															13	29	0	42													21	33	13	8	84										
United Nations		17	9	18	84	19	52	61	37	62	95	60	78	83	156	107	109	48	1,095																											
The G.G. Base Plan		63	119	79	111	139	82	115	59	94	80	39	77	61	150	106	25	25	1,424											14	4	10	0	0	1	5	34									
Philippines Reparation										1	1	6	2	12	8	5	8	9	52																											
Claim Fund															30	30	0	0	60																											
Science Education																																						27								
Medical Cooperation	Teams																																				139									
	Instructor																																					556								
Overseas Technical Cooperation Center	Instructor																								13	15	39	17	82	6	3	40	31	7	40	30	323									
	Teams																								7	16	10	4	4	18	5	12	20	9	0	105										
Development Survey	Type I																								18	6	15	19	20	85	68	67	60	80	111	130	150	172	145	1,146						
	Mekong River																								17	21	12	53	34	33	39	18	25	13	41	39	5	0	350							
	Type II																										41	48	53	44	43	56	57	53	81	46	522									
	Other Teams																																						15							
Agricultural Development Cooperation	Teams																																						349							
	Instructor																																						51							
Primary Products Development Cooperation	Teams																																						69							
	Instructor																																						27							
Sub-Total		96	167	169	294	314	430	497	486	639	729	819	1,164	1,017	1,395	1,632	1,763	1,371	12,983	28	32	68	68	114	175	204	311	287	335	300	350	641	786	803	807	662	5,983									
Others		226	145	223	233	343	514	338	236	217	24	55	60	67	—	—	—	—	2,681																											
Grand Total		322	312	392	527	657	944	835	722	856	753	874	1,224	1,084	1,395	1,632	1,763	1,371	15,663	28	32	68	68	114	175	204	311	287	335	300	350	641	786	803	807	662	5,983									
Cooperation Volunteers.																																							48	103	162	179	233	217	157	1,099

Number of participants, Experts & Volunteers (Continued)
 (2) By Countries, fields

1971, 12, 31

Country	Field	Field													Total						
		Agriculture	Fisheries	Construction	Heavy Industry	Mining	Light Industry	Chemical Industry	Public Works	Transportation	Postal Service & Telecommunication	Health & Welfare	Atomic Energy	Business Management		Education	Administration	Others			
Bhutan	Participant	10															10	4	26		
	Expert	1																		1	
Brunei	Participant	1																		1	2
	Participant	73	13	8	13	12	26	3	1	50	15	20	8	4	6	27	9	288			
Burma	Expert	16	1	9		28	7				2	27							8	1	99
	Participant	120	4	17	4		6		7	16	49	5	1	5	29	20	24	307			
Cambodia	Expert	166	22	98	3	36	9	9	38	20	59	46					15	20	560		
	Volunteer	7																	9	16	
	Participant	152	49	20	7	3	48	5	4	29	25	21	3	19	4	106	40	535			
Ceylon	Expert	73	37	19	2	7	25		1	9	8	33							3	2	219
	Participant	332	73	62	56	9	134	13	13	64	39	35	6	28	35	99	29	1,027			
India	Expert	181	26	4	4	16	5	3	1	12	1	4							3	264	
	Volunteer	72	1				6		2	2	2	11							12	108	
	Participant	271	128	71	91	40	147	17	30	192	101	169	26	97	32	196	117	1,725			
Indonesia	Expert	142	31	86	9	58	20	1	52	42	18	88					6	10	579		
	Participant	43	5	27	6	4	9		3	14	11	6					42	9	186		
	Expert	73		37		14			3	5	2	15						2	152		
Laos	Volunteer	71	1	37		6	10		8		27	3							20	183	
	Participant	143	27	28	5	7	18	1	15	63	66	31	2	18	29	110	37	600			
	Expert	60	4	11	3	9	4	3	7	85	22	18					1	2	234		
Malaysia	Volunteer	50	6	2		1	24		3	5	10	6							57	169	
	Participant		2																	7	
Maldives	Expert	1																		1	
	Participant									3										3	
Nepal	Participant	41	4	11		2	13		5	5	4	7					40	6	168		
	Expert	33	2	9		8	3		9			23								88	
	Volunteer	4	1	7								2							13	28	
Pakistan	Participant	73	23	28	8	5	76	88	8	37	83	30	22	19	8	61	27	596			
	Expert	82	16	84		22	20	1	26	13	60			5	3	18	3	353			
Philippines	Participant	279	75	92	28	17	85	9	17	69	57	87	19	21	41	174	50	1,120			
	Expert	59	21	31	3	19	27		5	10	8	56							9	255	
	Volunteer	139	19	8			19		12	2	5	2							7	213	
Singapore	Participant	13	23	20	11		20	1	1	20	33	17	2	3	9	62	31	266			
	Expert	2	20	34			20			11	12	5							11	121	
Tonga	Expert																			2	2
Thailand	Participant	409	142	112	14	17	107	5	54	113	186	262	30	26	169	244	108	1,998			
	Expert	133	53	163	19	24	15	3	71	46	65	230							11	23	26
Vietnam	Participant	92	24	11	2	5	14	3	6	11	25	91	4	5	25	80	25	423			
	Expert	48	2	10		1	5	1	18	1	6	62							17	171	

Country	Field	Agriculture	Fisheries	Construction	Heavy Industry	Mining	Light Industry	Chemical Industry	Public Works	Transportation	Postal Service & Telecommunication	Health & Welfare	Atomic Energy	Business Management	Education	Administration	Others	Total
		China (Taiwan)	Participant Expert	630 30	104 14	91 24	43 8	71 47	102 31	17 4	56 12	103 52	103 22	114 15	60	44	132	190
Hongkong	Participant	4										1		3		1	4	13
Korea	Participant Expert	264 74	108 4	34 4	53 17	24 8	78 9	18	4	74	74	119	44	29	26	268	75	1,292
Okinawa	Participant	1	6				2		3	1	7	1					5	189
Asian Area Sub-Total	Participant	2,951	810	632	341	216	885	180	227	865	879	1,016	227	333	570	1,730	687	12,549
	Expert	1,174	253	623	68	297	200	25	243	336	285	660		23	97	79	81	4,444
	Volunteer	343	28	54		7	59		25	9	44	24		118			6	717
Afghanistan	Participant	28	2	7	1	6	7		5	6	12	24		5	1	6	10	120
	Expert	4		2		3	18		6			24		1				58
Burundi	Participant													1				1
Cyprus	Participant										1							1
Iran	Participant	104	14	53	6	10	23	2	12	21	49	22	6	7	3	41	19	392
	Expert	37	2	25	4	3	31			4	19	19			7	17	1	169
Iraq	Participant	5	5	10	1		3		3	15	19	2	2	3		17	2	87
	Expert	2	1	4	1						1				1	1	1	12
Israel	Participant	6	1	1					1							1		10
	Participant	1	2						2	4						1		10
Jordan	Expert			4														4
	Participant	1		1							18			1				21
Kuwait	Expert			2														2
	Participant	5	4	2			2			1	1					1		16
Lebanon	Expert	6	5	3		1	2									2		19
	Participant	1	1	1		2	2			2	17					2		28
Saudi Arabia	Expert			4		19					2					2		27
	Participant	6	1	3			3			11	7			1		3	3	40
Syria	Expert	8	1	2						3								14
	Volunteer														2	2	4	4
Turkey	Participant	18	10	34	6	8	15	6	18	10	27	8	1	4	13	14	7	199
	Expert	1	15	7		16	1		17			1				1	1	60
Algeria	Participant	4						2								1		7
	Expert	10	1	1			2											13
Camerun	Participant	1																1
	Participant					6			17									23
Congo (Kinshasa)	Expert			4					33							8		45
	Participant	10	1	2	1	7	11		2		39	4		2		17	3	99
Ethiopia	Expert	3		1		15			1		35	21		1				77
	Participant	13	1	6	12		18		1	1	26	4		4	3	12	5	106
Ghana	Expert	3		1		39			1	2	18							64
	Participant		1															1
Gambia	Participant										1							1
	Participant		2						1	1								5
Ivory Coast	Participant																	5
	Expert	5																5

Country	Field	Sector													Total					
		Agriculture	Fisheries	Construction	Heavy Industry	Mining	Light Industry	Chemical Industry	Public Works	Transportation	Postal Service & Telecommunication	Health & Welfare	Atomic Energy	Business Management		Education	Administration	Others		
Kenya	Participant	7	9	1			7					6	12	3		4		5	3	57
	Expert	2	5	2	1	1	34				4			48		1	2			100
	Volunteer	7	14	22			2	2	27								12		2	88
Libya	Participant						1						3						1	5
	Participant	3	1					4												8
Madagascar	Expert	10		1		7		15											1	34
	Participant	1																		1
Malawi	Participant										3	4	2							19
	Volunteer		2	8																2
Mali	Participant			2																2
	Participant															1				1
Malta	Expert			5																5
	Participant	3	1	1			1						2							7
Morocco	Expert	1																		1
	Volunteer	37		23							2									64
Niger	Expert												2			1				3
	Participant	26	17	8	3		15	2	1	13	19	8	3	2	16	3	2	16	3	136
Nigeria	Expert	4	7	6	6		1					1	12	7				8		46
	Participant					1														1
Qatar	Participant																			1
	Expert																	3		3
Rwanda	Participant										3									3
	Expert										2									2
Senegal	Participant										1								5	6
	Expert											1					1		2	3
Sierra-Leone	Participant																	2	2	4
	Participant	1	1								1	4						5		12
Somalia	Participant	5	10	3			2	2	16	27	3		4	12	1					85
	Expert	3	1				4	1	14											23
South-Yemen	Participant										3					1				5
	Expert																			1
Swazi Land	Participant	10	6	1			4		1	1	5	1					1	3	1	34
	Expert	17		31	1		4	1	8	10	3	6				3		2	1	87
Tanzania	Volunteer	94	10	6			3				3	4				45				165
	Participant										1					1				2
Tunisia	Expert										1									1
	Participant	45	3	20	9	4	21	2	2	61	48	7	2	13	4	37	5			283
U.A.R.	Expert	10	1	13	1	5				12	6	5			1					55
	Participant	4	1			1	2	2			10	1				12				33
Uganda	Expert	2		4	8		24			3	17				2	1	4	4		69
	Participant	1									1					4	1			7
Zambia	Volunteer										6					6				12
	Participant	309	93	156	39	45	137	16	51	193	356	88	11	52	33	212	69			1,860
N.M.E. Area Sub-Total	Expert	128	38	121	17	70	161	2	49	88	97	149	9	13	48	12	48			1,002
	Volunteer	138	26	59			5	5	5	36	8	4				67				352
Argentina	Participant	5	1	4	3	2	3	2	13	36	17	3	1	1		8				99
	Expert	1		2	1	8			5	5										22
Bolivia	Participant	1		10		7			3	11	18	4	1	1	3					59
	Expert	4	1	5	1	1	2		2		7	1	1	1		1				26
Brazil	Participant	70	11	9	21	2	16	2	42	27	30	12	1	12	4	13	6			278
	Expert	28	4			8	24		7	11	2	16			6					106
Chile	Participant	4	15	16		3	4	2	1	17	8	8			2	6	5			91
	Expert			1	13		1			5	5									25

Country	Field	Agriculture	Fisheries	Construction	Heavy Industry	Mining	Light Industry	Chemical Industry	Public Works	Transportation	Postal Service & Telecommunication	Health & Welfare	Atomic Energy	Business Management	Education	Administration	Others	Total
Colombia	Participant	7	6	14		2			12	8	21	2		4		3	2	81
	Expert			8		7			18	1	2					6		42
Costa Rica	Participant	3	2	3						3	11		1	1	1			24
	Expert	1		5		5												11
Cuba	Participant		2										2	2				4
	Participant	2		1			2		1	3		2		3				14
Dominica	Expert	1							1									2
	Participant	5	11	9		4	1		8	2	2		3	3	4			49
Ecuador	Expert	1		8		14			14							1	39	
	Participant			2	3	1	6			1	5		2	2	2	5	31	
El-Salvador	Expert				6				1	1	6				1	2	17	
	Volunteer													26		4	30	
Guatemala	Participant	6		2		2	1		2	1	5		3	3				22
	Participant		1										1		1		1	
Haiti	Participant	3											1					4
	Participant	2									9							11
Mexico	Participant	21	18	11	2	2	8		19	52	2	1	6	5	3	6	157	
	Expert	1	7			6				31					6		51	
Nicaragua	Participant	1				2			1	4			3	2	2		13	
	Expert		4														4	
Panama	Participant	7	4	1							5		1	1	1		19	
	Expert	1															1	
Paraguay	Participant	7		1					4	4	7	3	8	7	7		41	
	Expert	25							9	4	17	1					56	
Peru	Participant	5	11	18	1	9	3	2	15	12	15	6	14	14	1	17	129	
	Expert	2	8	9	7	9	2		20	5	17	1	2	2			82	
Trinidad-Tobago	Participant		1							2			2	2			5	
	Expert	17													1		18	
Uruguay	Participant										3	2	2				7	
	Expert						2										2	
Venezuela	Participant	1		4					3	11	8		3	3	1		31	
	Expert	2		1		6				5	2						16	
L-American Area Sub-Total	Participant	151	83	105	30	37	45	8	104	161	219	44	4	72	23	67	19	1,172
	Expert	85	25	51	15	65	30		77	37	89	19		3	7	16	1	520
Other Countries	Participant	12	5	18	2		5	1	1			2	16	4	2	4	10	82
	Expert		9	3										1	1	1	2	17
Grand-Total	Participant	3,423	991	911	412	298	1,072	205	382	1,220	1,454	1,150	258	461	628	2,013	785	15,663
	Expert	1,387	325	798	100	432	391	27	369	461	471	828	36	118	144	96	14	5,983
	Volunteer	481	54	113		7	64		30	45	52	28		211			14	1,099

II. Number of Participants, Experts & Volunteers by Programs, Fields

(1) By Programs, Fields (Detailed)

(A) Participants

1971. 12. 31

Field		Program																												Total						
		Agriculture & Fisheries				Construction			Heavy Industry		Light Industry	Public Works		Transportation				Postal Service & Telecommunications			Health & Welfare			Atomic Energy	Business Management	Education	Administration				Banking	Statistics	Public Relations	Others		
Program	Field	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines		Mining	Chemical Industry	Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Postal Service	Telecommunications	Radio & T.V.	Medicine				Health	Welfare	Economic Planning	Vocational Training					General Administration	
		Bilateral Technical Cooperation Schemes	Asian Area	1,130	113	194	452	305	68	58	69	124	155	468	44	111	54	341	181	98	59	74	380	247	439	330	12	22	156	164	138	443	703	21	68	34
Near Middle-East & African Area	200		13	29	88	68	20	45	8	20	41	133	16	35	12	99	63	9	6	25	274	46	55	23		1	44	19	24	123	44	2	16	3	35	1,639
Latin American Area	84		12	21	82	11	14	62	18	11	36	45	8	100	1	77	71	6	4		198	15	40	3		2	72	15	39	10	11		2	2	15	1,087
International Organizations	I.A.E.A. Type II																									131										131
	Others				8																						34									42
United Nations		115	21	10	45	19	30	87	5	9	14	33	3	7		44	17	8	6	26	65	6	1	19	32	96	47	24	52	36	80	9	65		64	1,095
The G.G. Base Plan		454	13	54	82	36	15	3	15	24	5	152	96	15	1	9	13	8	3	22	10	12	12	23	16	1	10	102	27	10	87	10	2	1	81	1,424
Philippines Reparations					3	1	1		8		9	2	2					1									3				16		5		1	52
Claim Fund					60																															60
Sub-Total		1,983	172	308	820	440	148	255	115	196	251	840	169	270	68	570	345	129	79	147	927	326	547	398	60	253	366	324	280	622	941	42	158	40	393	12,982
Others		741	60	159	171	23	45		11	89	47	232	37	22	22	41	3	18	35	6	28	20	26	118	1	5	95	304	14	14	142	88	8	32	24	2,681
Grand Total		2,724	232	467	991	463	193	255	126	285	298	1,072	206	292	90	611	348	147	114	153	955	346	573	516	61	258	461	628	294	636	1,083	130	166	72	417	15,663
		4,414				911			411				382		1,220				1,454			1,150			2,013											

Number of Participants, Experts & Volunteers by Programs, Fields (Continued)
 By Program, Fields (Detailed)
 (B) Experts, Volunteers

1971.12.31

Field Program		Agriculture & Fisheries				Construction			Heavy Industry			Public Works	Transportation				Postal Service & Telecommunication		Health & Welfare			Atomic Energy	Business Management	Education	Administration				Total						
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines	Mining		Light Industry	Chemical Industry	Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail				Telecommunications	Radio & T.V.	Medicine	Health		Welfare	Economic Planning	Vocational Training	General Administration	Banking	Statistics
Bilateral Technical Cooperation	Asian Area	285	16	55	144	115	29	5	9	14	116	108	12	46	16	24	41	27	1	5	98	81	77	20		12	75	23	4	8	1	1	2	20	1,490
	Near Middle-East & African Area	50		27	31	39	18	14	9	4	31	53		14	8	19	8	7			17	9	12	3		10	7	7	7	4	1			10	419
	Latin American Area	46	4	5	25	7		13		6	24	10		18		12	12				25	6	1	1		1	7	1	2	6				1	233
International Organizations		5			32	7			5	4	4	1				6	2	2									2	3				2		9	84
Science Education																										27									27
The G. G Base Plan		1		2							21	7	1										1											1	34
Medical Cooperation	Teams																					139													139
	Instructor																					556													556
Overseas Technical Cooperation Center	Teams	25		4	7	13					39										17														105
	Instructor	78			22	20			1	1	129					3					49		18										2	323	
Development Survey	Type I	144	10	21	60	268	73	5	1	6	24	5	2	11	57	64	174	34	5		113	22				4		11				15		17	1,146
	Mekong	93			2	117				3	34			9	46	5	1	2			1							8			1			28	350
	Type II	2	18		2	20			32	5	178	39	3	153		2		1			13				9		44						1	522	
	Other Teams					15																													15
	Detailed Design					20											9					15													44
Agricultural Development	Teams	349																																	349
	Instructor	51																																	51
Primary Products Development	Teams	69																																	69
	Instructor	27																																	27
Total		1,225	48	114	325	641	120	37	57	43	432	391	27	288	81	135	247	73	6	5	348	118	804	24		36	118	97	13	34	2	3	2	89	5,983

Cooperation Volunteers	403	19	59	52	65	45					7	64		12	18	45					35	15	6	22									2	12	1,092
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(2) Participants by Programs, Countries, Fields
 (A) Bilateral Technical Cooperation Schemes
 Asian Area

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relation	Others	Total	
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration						
Burundi	1																																		1	
Bhutan	9		1													1	1														3	7			4	26
Burma	31	1	1	11	3	2	2	1	12	12	17		1		36	5	4	3		14		14	1		1		3	1	17	9		1	1	5	209	
Cambodia	12	2	6		6				2		1			2	6	2	6	2	4	33	10	2	1			4	3	1	10					3	118	
Ceylon	101		12	43	13	4			5	3	34	1	3	1	3	12	4	4	5	16	1	7	10	1		12	4	8	33	24		5	5	11	385	
India	124	5	8	60	14	2	12	30	12	8	52	3	13		34	14	4	2	2	24	5	13	13	1		14	8	11	24	26		4	1	6	551	
Indonesia	122	29	25	63	33	10	7	5	18	21	39	8	8	3	42	23	34	4	3	37	17	91	40			21	9	20	48	56		18	2	14	870	
Korea	98	9	25	32	12	2	1	13	26	24	49	10	1	2	19	12	12	7	2	26	11	44	57		2	20	11	3	22	175	3	4		27	761	
Laos	29		14	4	23	3			6	4	8		2	1	11			3	3	5	3	5	1				6	3	18	18		2		5	177	
Malaysia	93	6	16	21	23	1			5	7	16	1	11	2	36	17	6	4	3	38	23	16	13			12	23	9	30	57		1	3	18	511	
Maldives				2																														5	7	
Nepal	21			3	7					1	7		4		2			1		2	1	3	4			3	1	1	7	21				1	90	
Pakistan	51		2	17	17	3	4	4	3	5	49	3		4	19	13		4	13	41	24	8	13		11	12	7	12	12	28	2	5	1	12	399	
Philippines	119	14	21	49	40	6	24	5	8	13	51	4	8	2	29	22	9	4	4	35	13	38	31		2	12	16	15	65	63		9		18	749	
Singapore	3		7	20	8	6		2	9		19	1		1	2	8	7	1	2	11	19	7	9				9	9	22	30		1	2	11	226	
Thailand	173	30	32	92	74	14	4	5	7	16	82	5	31	23	65	20	5	10	13	77	72	123	82	9	6	18	34	27	54	96	11	10	14	33	1,367	
Vietnam	24		4	7	5	4	1		2	5	7	3	4	2		5	1	3	2	2	14	45	25			3	6	7	10	34		2	5	5	237	
China (Taiwan)	119	17	20	28	27	11	3	4	9	36	35	5	25	11	37	28	6	6	17	19	34	23	30	1		25	24	11	68	59	5	6		19	768	
Total	1,130	113	194	452	305	68	58	69	124	155	468	44	111	54	311	181	98	59	74	380	247	439	330	12	22	156	164	138	443	703	21	68	34	197	7,452	
	1,889				431			193				165		679				701			781			1,284												

Participants by Programs, Countries, Fields
 Bilateral Technical Cooperation Schemes (Continued)
 Near, Middle-East & African Area

1971. 12. 31

Area	Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Near, Middle-East	Afghanistan	18	4	5	2	3		1	1		6	7			5	3			3	1	11		19	5			3	1		1	4		3		1	107
	Burundi																										1								1	
	Cyprus																				1														1	
	Iran	53	2	4	14	24	6	20	2	4	9	22	2	8	4	8	10		2	1	43	3	14	4		1	6	3	8	15	16		4	8	220	
	Iraq	5			5	7	1	2		1		3		1	2	8	6	1		1	14	1		2					4	8	1		2		77	
	Ivory Coast				2											1					1						1								5	
	Jordan	1			2											2																			10	
	Kuwait	1				1															1	17					1								21	
	Lebanon	3		1	4	1		1				2				1					1	1													15	
	Qatar									1																									1	
	Saudi Arabia					1					2	2			1	1				1	16											2			26	
	South Yemen															1	2						1												5	
	Syria	3		3	1	3						3				2	9				9						1		2		1	2		40		
	Turkey	16		2	10	9	5	12	1	1	5	15	6	18		8	2			1	20	6	3	2			4	1	2	14	1	3	4	168		
	Subtotal	100	6	15	40	49	12	36	4	6	23	54	8	27	11	26	37	3	5	6	137	10	37	13		1	20	5	14	42	22		13	15	797	
Africa	Algeria	4											2																					6		
	Cameroun	1																																	1	
	Congo									6					17																				23	
	Ethiopia	7	3		1		1		1	7	11		1	1						3	30	3	1	3		2				15	1		1	2	94	
	Gabon				1																														1	
	Gambia																				1														1	
	Ghana	12			1	4				12		17		1	1					4	14	6	2	1			4	3			12		5	99		
	Kenya	7			9		1					7			6					2	7	3	2				4			5			3	56		
	Libya										1									1	2													1	5	
	Madagascar	1		1	1																														3	
	Malawi	1																																	1	
	Mali					2																													2	
	Maruta																										1								1	
	Morocco				1		1				1										2														5	
	Nigeria	25			17	8			2	1		15	2	1		8	5			1	7	11	6	2			3	2	4	7	1			3	131	
	Rwanda															3																			3	
	Senegal																				1													5	6	
	Somalia	1			1										1					1	3									2	2	1		12		
	Sudan	1	1	2	10	2					2		2		13	2		1	1	23	3	1	2				4			10	1		1	82		
	Tanzania	9			6		1				4		1		1					1	4						1			1	2			1	32	
Tunisia														1						1	3	6	1						11	1				1		
Uganda	4								1	2	2								1															32		
Zambia	1																		1															3		
U.A.R.	26	3	10	1	5	2	9	2		4	19	2	2	23	18	6			1	42	4	5	2			10	4	4	30	3	2	2	1	242		
Sub-Total	100	7	14	48	19	8	9	4	14	18	79	8	8	1	73	26	6	1	19	137	36	18	10			24	14	10	81	22	2	3	3	20	842	
Total	200	13	29	88	68	20	45	8	20	41	133	16	35	12	99	63	9	6	25	274	46	55	23		1	44	19	24	123	44	2	16	3	35	1,639	

330 133 28 47 177 345 78 191

Participants by Programs, Countries, Field
 Bilateral Technical Cooperation Schemes (Continued)
 Latin American Area

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry			Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines	Mining			Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunication	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Argentina	2		2	1			2	3	2	3	2	13		23	10	2	1		17		3			1	1		6		1					95	
Bolivia	1				1		7		7			3		10			1		15	3	4			1	3								56		
Brazil	45	7	7	10	4	4		18	2	2	16	2	38	1	19	7	1		28		8	3			12	4	5	1	5			6	255		
Chile	1	1	1	15	1	1	11		2	4	2	1		4	12		1		8		8			2				3				78			
Colombia	1	2	1	6	3	4	5		2			12		2	6				21		2			4		2			1		1	75			
Costa Rica	1			2			2								3				11					2				1				22			
Cuba				2																				1								3			
Dominica	1									2		1		3						2				3								12			
Ecuador	4		1	11		2	5		5	2		8		1	1				2					3		4						49			
El Salvador								3	1	6					1				1	2				2	2		2				5	25			
Guatemala	4						2		2	1		2			1				5					3								20			
Guyana				1																												1			
Haiti	1																							1								2			
Honduras																			9													9			
Mexico	15		5	18		1	9	2	2	8				7	12				40	10	2			1	6	5	3			1	2	3	152		
Nicaragua								2							1				4					3			2					12			
Panama	2			4		1													5					1		1						14			
Paraguay	3	2	2		1							4		2	1	1			7		3			8		7						41			
Peru	3		2	11	1	1	15		1	9	3	2	15		3	6	2	1	15		6			14	1	10	2	4				127			
Trinidad Tobago				1																				2								3			
Uruguay														3					2		2											7			
Venezuela							4					3			10				8				3			1						29			
Total	84	12	21	82	11	14	62	18	11	36	45	8	100	1	77	71	6	4	198	15	40	3		2	72	15	39	10	11		2	2	15	1,087	

199

87

29

101

158

213

43

60

Participants by Programs, Countries, Fields
 (B) International Organizations
 (1) I.A.E.A. Type II

1971.12.31

Area	Field		Atomic Energy	Total
	Country			
Asia	Burma		3	3
	Indonesia		13	13
	Pakistan		5	5
	Philippines		9	9
	Thailand		15	15
	China (Taiwan)		39	39
	Korea		26	26
	Singapore		1	1
	Sub-Total		111	111
Middle-East & Africa	Iran		3	3
	Iraq		2	2
	Turkey		1	1
	U.A.R.		1	1
	Sub-Total		7	7
Latin America	Bolivia		1	1
Other Countries			12	12
Grand-Total			131	131

(2) Others

1971.12.31

Area	Field		Fisheries	Business Management	Total
	Country				
Asia	Cambodia			1	1
	Ceylon			1	1
	India			6	6
	Indonesia			5	5
	Laos			1	1
	Malaysia		2	1	3
	Pakistan			2	2
	Philippines			2	2
	Singapore		2	2	4
	Thailand		4	4	8
	Vietnam			2	2
	Korea			1	1
	China			2	2
	Hong Kong			1	1
	Sub-Total		8	31	39
Middle-East	Afghanistan			2	2
	Iran			1	1
	Sub-Total			3	3
Grand-Total			8	34	42

Participants by Programs, Countries, Fields
(D) The G.G. Base Plan

1971. 12. 31

Area	Country	Agriculture & Fisheries				Construction			Heavy Industry		Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Statistics	Public Relations	Others	Total					
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines			Mining	Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health				Welfare	Economic Planning	Vocational Training					General Administration	Banking			
Asia	Burma	23			1					7	3						1									2	1								38				
	Cambodia									1											2														3				
	Ceylon	22			4	1			2		7	4					2										2								45				
	China (Taiwan)	94	10	23	24	7	3		13	3	8							4				14						4			14	1	1	12	3	7	245		
	Hong Kong	3		1																																4			
	India	109	1		8	5			8	1	59	1					1	2					1	1	1	1			4			1	26	1	1	3	235		
	Indonesia	2		7	6				2		17																	2	2						1		50		
	Korea	14																					7													16	42		
	Laos				1						1																										5		
	Malaya	23		3			4				2														1				1	4	11					4	58		
	Nepal	1									1																										4		
	Okinawa	1									2							1					5														12		
	Pakistan	12	1		1	1	1				14	85	4									1	1					1	1	1			2	3		1	134		
	Philippines	23		4		7		1			7	3						1										1	9					3	1		2	68	
	Singapore	3			1	1	5				1																										16	29	
	Thailand	45	1	11	33	14	1				21							5					2	4	4	3	5		2	52	6	1	9	1		25	247		
Vietnam	9									1												3															37		
Total	384	13	49	79	36	14	3	10	18	3	149	96	8	1	9	8	5	2	22	6	10	9	15	16	1	10	80	23	5	86	10	2	1	73	1,256				
Middle-East & Africa	Afghanistan	1																																			1		
	Iran	19		2		1																															1	29	
	Israel	5																																				5	
	Lebanon			1																																		1	
	Saudi Arabia	1																																				1	
	Turkey								4		1																											20	
	Ghana																																					3	
	Kenya																																					1	
	Madagascar	1												4																								5	
	Morocco	2																																				2	
	Nigeria																																						3
	Tanzania																																						1
	U.A.R.	5			1				1	6																												20	
Zambia																																						4	
Total	34		3	1		1		5	6	1	1		4			4	3	1			2		3	7												1	96		
Latin-America	Argentina	1																																				2	
	Brazil	10								1			3									2			1													17	
	Chile	1																																				8	
	Colombia	2																																				2	
	Costa Rica	2																																				2	
	Dominica	1																																				1	
	El Salvador																																						4
	Guatemala	2																																					2
	Haiti	2																																					2
	Honduras	2																																					2
	Mexico	2																																					2
	Nicaragua	1																																					1
	Panama	5																																					5
Peru																																						1	
Venezuela	1																																					2	
Total	32									1			3									2	2		1												53		
Other Countries	4			2	2																																	7	
Grand Total	454	13	54	82	36	15	3	15	24	5	152	96	15	1	9	13	8	3	22	10	12	12	23	16	1	10	102	27	10	87	10	2	1	81	1,424				
		603				34			39				16		33				44			51							124										

Participants by Programs, Countries, Fields
 (E) Philippines Reparation

1971.12.31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Philippines				3	1	1		8		9	2	2											3				16		5		1	52			
Total				3	1	1		8		9	2	2											3			16		5		1	52				

(F) Claim Fund

1971.12.31

Korea			60																														60
Total			60																														60

Participants by Programs, Countries, Fields
(G) Others (The Japan-U.S. Third Country Training Program and Indonesian Reparation)

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total	
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicines	Health	Welfare				Economic Planning	Vocational Training	General Administration						
Burma				1																															1	
Cambodia	72	5	23	4		11		2		2				5						2								26			9	9		12		182
Ceylon	13			2	1					3						1					1				2					2				1	26	
China (Taiwan)		12	75	51	13	11		3	9	21	51	12	3	15	7			1	6	2	6	8	40		5	15	93			14	21		8	4	746	
India	74		1	3		13					17	9									1	1					23								142	
Indonesia	(28) 55	(9) 12	(8) 10	(36) 58	(5) 5	(4) 6		(4) 6	(55) 60	(16) 19	(72) 91	(4) 9	(19) 19		(5) 27	(1) 2	(14) 16	(29) 31		(22) 23	(5) 5	(3) 12	20		(64) 65	(14) 21	(1) 3	13	50	(49) 52	2	5	10	(474) 707		
Korea	54	10	2	1	1	3			13		29	7			5	1	1			1			9	1		4	14	3		26	2	2	1	4	194	
Nepal	16		2	1						1	5														8	18	1						1		54	
Okinawa				6																2															8	
Pakistan	3			4					1		10														1										20	
Philippines	72	21	4	13	3	1		2	4	4	17			2								3	4				5	2	1	4			1	4	167	
Thailand	82		23	11						1											3	1	22				83	3		27	2	2			262	
Vietnam	36		18	16							6				2						4		21				19			9			2	4	1	138
Total	717	60	158	171	23	45		11	89	46	231	37	22	22	41	3	18	35	6	28	20	25	118	1	5	95	302	12	14	140	88	8	32	24	2,647	
Iran	24																																		24	
Iraq																																				1
Turkey										1																										1
Sierra Leone																											2	2								4
Sudan				1																																1
Total	24			1						1																	2	2		1				31		
Other Countries											1											1													3	
Total	(28) 741	(9) 60	(8) 159	(36) 171	(5) 23	(4) 45		(4) 11	(55) 89	(16) 47	(72) 232	(4) 37	(19) 22		(5) 41	(1) 3	(14) 18	(29) 35	6	28	(5) 20	(3) 26	118	1	5	(64) 95	(14) 304	(1) 14	14	142	(49) 88	8	32	(7) 24	(474) 2,681	
	1,131				68			100				44		97				54			145			170												

Note: * The Japan-U.S. Third Country Training Program (completed on March 31, 1965)
 ** () Indonesian Reparation (completed on March 31, 1968)

(3) Experts by Programs, Countries, Fields
 (A) Bilateral Technical Cooperation Schemes
 Asian Area

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration				Total										
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicines	Health	Welfare				Economic Planning	Vocational Training	General Administration	Banking		Statistics	Public Relations	Others							
Bhutan	1																																				1					
Burma	8		3	1	4		4			11	6									2		11													7		58					
Cambodia	29		27		5	5				2	3	1			2	1				34	10	4												10	1		3	137				
Ceylon	26		1	22	3	7			2	7	25				1		2			8		2	1											1			108					
India	37		1	17				1	2	1	5	2				4				1			3				1								1			79				
Indonesia	9		3	8	26				1	20	10				28	1	1	5	24		4	14	16				2							11	5			2	190			
Korea	15		6	4	4			4	3	8						4	11																					59				
Laos	16		1												2	1					1	1	6	1												1		30				
Malaya	25			4	2	2			1	7	4					4		3			2	3														2	1		62			
Nepal	3			2	5						3				5								9	2													1	30				
Maldives	1																																					1				
Pakistan	58	1	2	16	9	1				9	14	1				4	1				11	17					3								1	6		155				
Philippines	2		1	15	14	1				3	4										4		2	4												7		57				
Singapore	2			6	4	7											3				2	10	5													9	1	54				
Thailand	19	9	6	33	22	1			5	9	14				10	11	3	6			1	29	8	21	9										2		1	4	231			
Tonga																																					2		2			
Vietnam	14			2		5					5	1										6	1														17		52			
China (Taiwan)	19	5	4	14	12					38	14	4			1	1	13				4		12					6								1	3	4		155		
Thailand (ECAFE)	1	1			4			5		1		3					2																				2		6		3	28
Pakistan (")					1																																		1		1	
Total	285	16	55	144	115	29	5	9	14	116	108	12	46	16	24	41	27	1	5	98	81	77	20			12	75	23	4	8	1	1	2	20	1,490							
	500				149			23		62		93			184			97			35																					

Experts by Programs Countries, Fields
 Bilateral Technical Cooperation Schemes (Continued)
 Near, Middle-East & African Area

1971.12.31

Area	Country	Agriculture & Fisheries				Construction			Heavy Industry		Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines			Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunication	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Near Middle-East	Afghanistan	4			1	1				3	7			6						2				1										25	
	Iran	9			2	3	9	7	1	2	3	22			1										3	3	4	1				1	75		
	Iraq	1		1	1																				1								5		
	Jordan					4																											4		
	Kuwait					2																											2		
	Lebanon	6			5							2																					13		
	Qatar																										3						3		
	Syria	1		7	1		2								2																		13		
	Turkey	1			15	3	2	2			7	1			5														1			1	38		
	Other Country						3																	1	1								5		
	Sub-Total	22		8	24	13	14	12	1	2	13	32		5	6	3			5		2			2	5	6	4	2				2	183		
Africa	Algeria	3		2		1				2																							8		
	Congo						2							3																			5		
	Ethiopia	3								15					1			1		1			1										22		
	Ghana	1		1					1		4				1	2					1												11		
	Kenya	2			5	1	1			1	1	2									4			1									22		
	Madagascar	2		8			1																									1	12		
	Morocco	1																															1		
	Niger																							1									3		
	Nigeria	4				6						1			1																		22		
	Rwanda															2																	2		
	Saudi Arabia					4					1																						7		
	Senegal																									1						2	3		
	Sudan			2	1																												5		
	Swaziland											1																					1		
	Tanzania	8				11	1					3			8	2									3				2			1	39		
	Tunisia																																1		
	Uganda	2				4			8			8				3								2		1	3		1			3	43		
	U.A.R.	2		6	1						1										2	3										1	29		
	Sub-Total	28		19	7	26	4	2	8	2	18	21		9	2	16	8	7						12	9	10	3		8	2	1	3	2	1	8
Total	50		27	31	39	18	14	9	4	31	53		14	8	19	8	7						17	9	12	3		10	7	7	7	4	1	10	419

Experts by Programs, Countries, Fields
 Bilateral Technical Cooperation Schemes (Continued)
 Latin American Area

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines			Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Argentina			1		1				3				5																					10
Bolivia	1			1					1									2	1														6	
Brazil	22	3	3	4					2	8		11					2		1						6								63	
Chile				1	1				1				5																				12	
Colombia													1				2																13	
Costa Rica	1				5				5																								11	
Dominica	1																		1														2	
Ecuador	2																														1		19	
El Salvador																1	5							1		2							17	
Mexico	1			7													10	1												6			25	
Nicaragua				4																													4	
Paraguay	15	1	1														2																19	
Panama	1																																1	
Peru				8													4								1								22	
Trinidad Tobago	2																												1				3	
Uruguay										2																							2	
Venezuela																	2																4	
Total	46	4	5	25	7	13	6	24	10	17	12	12	1	1	25	6	1	1	1	7	1	2	6	1	1	1	1	1	1	1	1	233		

Experts by Programs, Countries, Fields
(B) Medical Cooperation

1971. 12. 31

Field Country	Health & Welfare		Total
	Medicine		
	Teams	Instructor	
Burma	3	13	16
Cambodia	3	32	35
Ceylon	11	19	30
China	6	9	15
India		1	1
Indonesia	18	54	72
Korea	10	28	38
Laos		8	8
Malaysia (Malaya)	9	9	18
Nepal	7	5	12
Philippines	10	40	50
Thailand	14	175	189
Vietnam	12	49	61
Afghanistan		22	22
Ethiopia	6	14	20
Ghana	4	13	17
Iran	7	12	19
Kenya	10	34	44
Nigeria		5	5
Tanzania	4	2	6
Brazil	5	10	15
Paraguay		1	1
Peru		1	1
Total	139	556	695

Experts by Programs, Countries, Fields
(C) Science Education

1971. 12. 31

Field Country	Education	Total
Burma	1	1
Ceylon	3	3
Indonesia	3	3
Malaysia (Malaya)	3	3
Pakistan	2	2
Philippines	2	2
Singapore	2	2
Thailand	3	3
China	1	1
Iran	4	4
Kenya	2	2
Uganda	1	1
Total	27	27

Experts by Programs, Countries, Fields

(D) International Organizations

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunications	Radio & T.V.	Medicine	Health	Welfare				Economic Planning	Vocational Training	General Administration					
Indonesia				1																												1	2		
Philippines	2			4								4																			1	1	12		
Singapore				14																												14			
Thailand	3			13	6		5	4	3	1			2	2												2	1			2	5	49			
Vietnam									1																							1			
China																																2			
Ethiopia					1																											1			
Others																															1	2	3		
Total	5			32	7		5	4	4	1			6	2	2											2	3			2	9	84			

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9

10

Experts by Programs, Countries, Fields
(E) G. G. Base Plan

1971. 12. 31

Country	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light Industry	Chemical Industry	Public Works		Transportation			Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Public Relations	Others	Total	
	Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machine				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunication	Radio & T.V.	Medicine	Health				Welfare	Economic Planning	Vocational Training				General Administration
Burma																																1	1
Indonesia											1																						1
China (Taiwan)			2																														2
Ghana	1										7																						8
Saudi Arabia										18																							18
Turkey										3										1													4
Total	1		2							21	7	1								1												1	34

Note : The number of experts in "G.G. Bases Plan" indicates number of those, who are sent whose expenses were born by recipient countries.

(F) Overseas Technical Cooperation Centers

1971. 12. 31

Country	Field	Agriculture & Fisheries				Construction			Heavy Industry		Mining	Light industry	Chemical Industry	Public Works		Transportation			Postal Service & Telecommunication			Health & Welfare			Atomic Energy	Business Management	Education	Administration			Banking	Statistics	Public Relations	Others	Total
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines				Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunication	Radio & T. V.	Medicine	Health				Welfare	Economic Planning	Vocational Training					
Burma	Team	5																																5	
Cambodia	Team	6		4																													10		
	Instructor	15																														2	24		
Ceylon	Instructor				10																												10		
India	Team	14																															14		
	Instructor	50			8																												58		
Indonesia	Team				7																												7		
	Instructor				4																												4		
Pakistan	Team																																3		
	Instructor	13																															24		
Philippines	Team																																4		
	Instructor																																17		
Singapore	Team																																5		
	Instructor																																15		
Thailand	Team					13																											13		
	Instructor					20																											44		
China	Team																																7		
	Instructor																																10		
Korea	Team																																5		
	Instructor							1																									5		
Afghanistan	Instructor																																11		
Ghana	Team																																4		
	Instructor																																18		
Iran	Team																																6		
	Instructor								1								3																22		
Kenya	Team																																5		
	Instructor																																27		
Nigeria	Team																																4		
Uganda	Team																																5		
	Instructor																																11		
Brazil	Team																																4		
	Instructor																																7		
Mexico	Team																																4		
	Instructor																																16		
Total	Team	25		4	7	13																											39		
	Instructor	78			22	20			1	1							3																129		

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2

(G) Development Survey Teams & Missions

1971. 12. 31

Area	Field	Agriculture & Fisheries				Construction			Heavy Industry			Public Works		Transportation				Postal Service & Telecommunication			Health & Welfare			Administration					Total									
		Agriculture	Forestry	Animal Husbandry	Fisheries	Civil Engineering	Architecture	Earthquake Engineering	Steel & Iron	Machines	Mining	Light Industry	Chemical Industry	Electric Power	Gas & Water Supply	Land	Ports & Harbours	Marine	Tourism	Mail	Telecommunication	Radio & T. V.	Medicine	Health	Welfare	Atomic Energy	Business Management	Education		Economic Planning	Vocational Training	General Administration	Banking	Statistics	Public Relations	Others		
Asia	Burma					1				17																									18			
	Cambodia	54	6			22	77	11		3	34	6	8	36			16	3				11	4				9			8		6		15	329			
	Ceylon					5	9									7																			1	22		
	India	3				1	2	1			2	15		1	1		4	4																	2	36		
	Indonesia	5	3			11	60			8		38	10		17	6		8	4											1				7	178			
	Laos	18					37					14				5																			2	76		
	Malaysia	8					7				2	2		3	7		56	22				17														124		
	Nepal						4					8			4																					16		
	Pakistan	2					73					13	6		8	18		8				14	4				2		8		4			2	162			
	Philippines	14				2	3	13			3	16	2			5	6				4												5			73		
	Singapore						10	13											8																		31	
	Thailand	24			5	7	86	11				11			36	14						9	5							10					11	260		
	Vietnam	19					5								8	10																				42		
	Korea	37			16					9							10			5																5	82	
	China						7	5		8		9			11							6															82	
	Sub Total	184	9	21	48	381	54		25	10	177	24	12	128	53	19	172	37	5		61	13				11		27		15				45	1,531			
	Middle East & Africa	Algeria			5																																5	
U. A. R.		2				5	8		1		4										6															26		
Congo							2									23	7													8						40		
Ethiopia																					34															34		
Ghana												6																								6		
Iran		28				3	3																											9		43		
Iraq							4			1																									1	7		
Ivory Coast				5																																5		
Lebanon							3					1																								1	6	
Nigeria							7																														8	15
Madagascar												7			15																						22	
Mru ta							5																														5	
Sudan				1								4	1				12																				18	
Saudi Arabia																																					2	2
Tanzania		3					19			1		1	1			8						3															36	
Turkey											6				12																						18	
Syria																1																					1	
Uganda																					9															9		
Sub Total	33	6			7	36	11		1	2	18	11	2	27		44	7			43	9							29		1				1	298			
Latin America	Argentina						1			1	5			5																						12		
	Brazil										6	5		6																							17	
	Chile							8													5															13		
	Colombia						5				7			11																						29		
	Paraguay	3	5											5	4	4					15															36		
	Ecuador						7					2			11																					20		
	Venezuela	2										6				4																				12		
	Mexico											6																									6	
	Bolivia	2	1				5				1		2		2							5					1		1							20		
	Trinidad Tobago	15																																			15	
Peru		2					5	7			9	2		15							13						1								59			
Sub Total	22	8				18	8	5	7	2	41	9		55	4	8	5			38						2		7							239			
Others						9																														9		
Grand Total	239	28	21	64	440	73	5	33	14	236	44	14	210	57	71	184	37	5		142	22				13		63		16				46	2,077				
					352			518		17				367		297				164							79											

(H) Agricultural Development Cooperation

1971. 12. 31

Field Country	Agriculture		Total
	Teams	Instructor	
Cambodia	12	2	14
Ceylon	40	6	46
India	68	8	76
Indonesia	63	15	78
Laos	29	9	38
Malaysia	27		27
Nepal	30		30
Pakistan	6		6
Philippines	30	10	40
Thailand	26	4	30
Vietnam	9	6	15
Total	349	51	400

(I) Primary Products Development Cooperation

1971. 12. 31

Field Country	Agriculture		Total
	Teams	Instructor	
Cambodia	8	3	11
Indonesia	31	13	44
Thailand	24	11	35
Tanzania	6		6
Total	69	27	96

III. Overseas Technical Cooperation Centers

1971. 12. 31

Country (Place)	Name of Center	Field and Subject	Number of Instructor	Agreement Signed
China (Taiwan)	Vocational Training Center	Steel and Canning, Welders, Machine Mechanics, Electrical Appliances Mechanical Draft	15 (5)	1969/12
India (Mangalore)	Marine Products Processing Training Center	Canning, Refrigerating, Fishing, Freezing, etc.		1962/3/31
India (Andhra Pradesh, Mysore, Kerala, Maharashtra)	Agricultural Demonstration Farm	Agricultural Techniques (Rice Growing), Machinery, Farm Management, Training		1964/12/17
Indonesia (Djakarta)	Technical Cooperation in the Field of Fishery Research & Education	Research on Preservation & Processing of Marine Products, Sea Fishery Research, Fishing Boat & Gear Research, Fishing Education	4	1969/7/18
Korea (Kyung-puk)	Institute of Technology	Mechanical Course, Chemical Course, Foundry Course	4	1967/10/25
Pakistan (Haripur)	Telecommunication Research Center	Telephone Exchange, Telegraph, Wireless Telecommunication, Transmission	4	1963/11/16
Philippines (Marikina)	Technological & Development Center for Cottage & Small Scale Industries	Forging & Small Machine Parts Manufacturing, Ceramics, Textile Fibercraft & Weaving, Woodcraft, Bamboo & Rattancraft, Consultation & Management	9	1966/9/29
Singapore (Singapore)	Prototype Production & Training Center	Machining, Tool & Die Making, Heat Treatment, Design & Drawing, Electroplating, Welding Forging	7 (3)	1966/10/15
Thailand (Songhkla)	Technical Training Center for Road Construction	Design, Construction & Maintenance of Road & Operation of Machinery, Equipment used in Road Construction	2 (CP)	1964/11/16
Ghana (Tema)	Textile Training Center	Weaving, Dyeing including Simple Wax Printing & Finishing of Cotton Fabrics and Production Towels	7	1963/5/23
Kenya (Nakuru)	Training and Research Center for Small Scale Industries	Management Course : Technical Course : Tailoring & Dress-Making, Leather Working, Wood Working and Others	8	1964/7/30
Uganda	Vocational Training Institute	Machining, Sheet Metal Working, Welding and Flame Cutting, Machinery Fitting, Electrical Fitting and Electrical Installation	10	1968/6/28
Brazil (Recife)	Technical Training Center for Textile Industries	Blowing & Carding, Coma Drawing & Roving, Spinning & Twisting, Preparing of Weaving, Weaving, Testing & Quality Control	3	1962/3/28
Mexico (Mexico City)	La Escuela De Capacitacion en Comunicaciones Electricas	Microwave, Automatic Telegraph Exchange, Radio Communication, Carrier Transmission, System Design of Telephone Network	7	1967/7/25

Country (Place)	Name of Center	Field and Subject	Number of Instructor	Agreement Signed
Afghanistan (Kabul)	Training Center for Small Scale Industries	Grassware, Bicycle Assembling, Plastic Moulding		1961/3/15
Ceylon (Negombo)	Fisheries Training Center	Training Boat, Fishing Gear and Tackle, Marine Engine, Fishing Appliance and Others		1961/3/20
Pakistan (Dacca)	Farm Mechanization Training Institute	Agronomy, Soil and Fertilizers, Agricultural Machinery, Plant Protection and Horticulture		1960/7/30
Thailand (Nondhaburi)	The Monguts Institute of Technology	Telephone, Telegraph, Wireless, Microwave, Radio, Television Broadcasting	(8) (CP)	1960/8/24
Thailand (Bangkok)	Virus Research Institute	Electron Microscope, Equipment for Serology, Equipment for Tissue and Others		1961/11/25
Iran (Karachi)	Training Center for Small Scale Industries	Machining, Sheet-Metal Working, Welding, Plastic Pipe and Others	(3) (ME)	1960/9/12
Cambodia (Battambang)	The Agricultural Technical Center of Friendship Between Japan and Cambodia	Improvement & Growing Techniques of Rice, Extension Service, Training for Farmers, Technical Guidance for Mechanized Farming		1964/7/6
" (Kampong-Cham)	The Livestock Breeding Center of Friendship Between Japan and Cambodia	Feeding, Management of the Breeding Stocks & Poultry; Proceeding, Utilization of the Livestock Products; Researches on Health & Hygiene of Livestocks; Feeding Improvement; Technical Training & Extension Service		"
"	The Medical Center of Friendship Between Japan and Cambodia	Diagnosis and Therapeutics. Extension Service. Researches and Experiments on Public Health.	(CP)	"
Iran (Teheran)	The Iran Telecommunication Research Center	Microwave, Wireless, Carrier, Outside Plant, Telegraph, Telephone, Broadcast and Radio Regulation	3	1971/3/29

No.	Subject of the Courses	Duration (M-Month)	Institutions and Facilities	Starting and Terminating Dates													
				4	5	6	7	8	9	10	11	12	47	2	3		
30	Tourism	2 M	Ministry of Transport			5		4									
31	Agricultural Extension Service	3 M	Ministry of Agriculture and Forestry			10		9									
32	Extension of Poultry Farming	5 1/3 M	Nagoya International Training Centre, OTCA			10				20							
33	Agricultural Machinery Repair and Maintenance	6 M	Osaka International Training Centre, OTCA			14								18			
34	Metal Finishing	6 M	National Industrial Research Institute, Nagoya, MITI			15								20			
35	Television Engineering	4 M	Central Training Institute, Japan Broadcasting Corporation			15				15							
36	Educational Television Programme	3 1/2 M	"			15		30									
37	Maintenance and Improvement Engineering of Permanent Ways	3 M	Japanese National Railways			1		30									
38	Groundwater Resources Development	4 M	Geological Survey of Japan, MITI			1				31							
39	Telephone Outside Plant Engineering	3 M	Nippon Telegraph and Telephone Public Corporation (NTT)			1		30									
40	Diesel Railway Rolling Stock Engineering	4 M	Japanese National Railways			1				30							
41	Bamboo Processing Technics	6 M	Industrial Products Research Institute, Kyushu, MITI			1						28					
42	Electronics	3 M	Industrial Research Institute, Osaka Prefecture			15				14							
43	Use of Mass Media for Family Planning	1 1/2 M	Japanese Organization for International Cooperation in Family Planning Inc.					14									
44	Shipping Business	1 M	Ministry of Transport					130									
45	Port and Harbour Engineering	4 M	Bureau for Port and Harbours, Ministry of Transport					1				28					
46	Railways Electrification & High Speed Operation	2 M	Ministry of Transport, Japanese National Railways					1	30								
47	Hydro-Electric Power Engineering	4 M	MITI & Overseas Electric Industry Survey Institute					1				25					
48	Thermal-Electric Power Engineering	4 M	"					1				25					
49	International Seminar on Taxation for Asian Countries	1 1/2 M	Tax Bureau, Ministry of Finance					20		5							
50	Agricultural Statistics (Fisheries Statistics)	2 1/2 M	Ministry of Agriculture & Forestry					1				15					
51	Agricultural Cooperatives	4 M	Institute for the Development of Agricultural Cooperation in Asia					1				27					
52	Telex Communication Engineering	3 M	Kokusai Denshin Denwa Co., Ltd. (KDD)					1				30					
53	Smaller Enterprise Development (Seminar)	3 M	Nagoya International Training Centre, OTCA					1				20					
54	Ceramic Engineering	10 M	National Industrial Research Institute, Nagoya, MITI					1									6/30
55	Geothermal Energy	2 1/2 M	Ministry of Education					6		20							
56	Flood Forecasting and Warning (Seminar)	6 M	Ministry of Construction					15						14			
57	Seismology and Earthquake Engineering	1 1/2 M	International Institute of Seismology and Earthquake Engineering					15									8/31
58	Shipbuilding and Repair	6 M	Ship Bureau, Ministry of Transport					15									14

No.	Subject of the Courses	Duration (M-Month)	Institutions and Facilities	Starting and Terminating Dates															
				4	5	6	7	8	9	10	11	12	47	1	2	3			
59	Prevention of Narcotic Offenses (Seminar)	1 M	National Police Agency						15	14									
60	Fire Service Administration	1 M	Fire Defense College, Fire Defense Agency						15	14									
61	Microwave	3 M	Nippon Telegraph and Telephone Public Corporation (NTT)						15		23								
62	Hydrographic Service	1 M	Ministry of Transport						20	19									
63	Administration of Criminal	3 M	UN Institute for the Prevention of Crime and Treatment of Offenders						17		16								
64	Laboratory Animals	1 M	Central Institute for Experimental Animals						18	17									
65	Satellite Communication Engineering	3 M	Kokusai Denshin Denwa Co., Ltd. (KDD)						20		19								
66	Vocational Training (Seminar)	2 1/2 M	Institute of Vocational Training						1		15								
67	Telecommunication (Seminar)	1 1/2 M	Administrative Director's Office of Telecommunications, MPT						11	14									19
68	Glass Technology	6 M	National Industrial Research Institute, Osaka, MITI						1										
69	Mining Engineering (Metal Mining only)	8 M	Japan Mining Association						1										5/31
70	Microbiology	12 M	Osaka University						1										9/26
71	Plastics Technics	6 M	Osaka Municipal Technical Research Institute						1										31
72	Customs Technics	1 1/2 M	Ministry of Finance						15	30									
73	Computer Technology	2 M	Ministry of Education						18		11								
74	Surgical Treatment of Pulmonary Tuberculosis	5 M	Research Institute of Tuberculosis						1										31
75	Asian Highways Construction (Seminar)	1 M	Ministry of Construction						1-30										
76	Administration for Seamen's Education	1 M	Ministry of Transport						1-30										
77	Trade Promotion	1 2/3 M	World Trade Center of Japan						1	20									
78	Family Planning Leaders in Asia (Seminar)	1 1/3 M	Japanese Organization for International Cooperation in Family Planning, INC						15	24									
79	Broadcasting Management (Seminar)	1 1/2 M	Radio Regulatory Bureau, MPT						16	30									5/30
80	Cancer Control	6 M	Ministry of Health and Welfare								1								
81	Industrial Standardization & Quality Control	3 M	Agency of Industrial Science & Technology, MITI & Japanese Standards Association								5								31
82	Local Government	2 2/3 M	Local Autonomy College								10								31
83	Planning of Family Planning Programmes (Seminar)	1 1/2 M	Japanese Organization for International Cooperation in Family Planning, INC								10								
84	National Government Administration	1 1/3 M	National Personnel Authority								10								4/18
85	Foundry	6 M	National Industrial Research Institute, Nagoya, MITI								15								7/20
86	International Telegraph and Telephone Traffic	2 1/2 M	Kokusai Denshin Denwa Co., Ltd. (KDD)								15								31
87	Bridge Engineering	2 1/2 M	Ministry of Construction								15								31
88	Regional Development	5 M	Chubu Regional Development Headquarters Prime Minister's Office								15								6/14
89	Agricultural Cooperative (in Japanese)	2 M	Institute for the Development of Agricultural Cooperation in Asia								15								14

No.	Subject of the Courses	Duration (M-Months)	Institutions and Facilities	Starting and Terminating Dates															
				4	5	6	7	8	9	10	11	12	1	2	3				
90	Smaller Enterprise Management	3 M	Osaka International Training Centre, OTCA											20					4/19
91	Ports & Harbours (Seminar)	2 M	Bureau for Ports & Harbours, Ministry of Transport														1	31	
92	Prevention and Treatment of Crime and Delinquency (Seminar)	1 M	Institute for the Prevention of Crime and Treatment of Offenders														3	12	
93	Fermentation Technology	1 1/3 M	Ministry of Education														7	17	
94	Postal Executives (Seminar)	2/3 M	Bureau of Posts, Ministry of Posts and Telecommunications													8	28		
95	Textile Engineering (Weaving only)	5 2/3 M	Nagoya International Training Centre, OTCA												9			7/29	
96	Wood Industry Machinery Engineering	3 1/3 M	Industrial Research Institute, Aichi Prefecture												10			5/20	
97	Telephone Exchange Engineering	3 M	Nippon Telegraph and Telephone Public Corporation (NTT)												10			5/10	
98	Waste Disposal Facilities	3 M	Ministry of Health and Welfare															1 5/30	
99	Family Planning (Seminar)	1 M	Japanese Organization for International Cooperation in Family Planning														1	25	
100	City Planning & Housing	1 M	Ministry of Construction														1	31	
101	Coins, Decoration Manufacture, Metal Analysis & Precious Metal Refining	5 M	Mint Bureau, Ministry of Finance														1	7/20	
102	Public Administration Officers on Women's Problems (Seminar)	1 1/3 M	Ministry of Labour														1	4/10	
103	Railway Signal & Communication	4 M	Japanese National Railways														1	6/30	
104	Telecommunication Development (Seminar)	1 1/2 M	Ministry of Posts & Telecommunication														10	24	

