

# **APPENDICES**

## **(Statistics)**



## NOTE

1. The number of persons represent the number of participants who came newly to Japan and of Japanese experts who were sent from Japan in the fiscal year concerned and do not include carry over from the preceding year or to the following year.
2. Sector classification is based on the Japanese administrative practice. For example, manufacturing of agricultural machines is classified under "machinery" and for their use under "agriculture".
3. In case of a participant or an expert whose training or service is for multipurposes, he is classified under the principal assignment.
4. The amounts represent only direct expenses of programmes excluding general account expenditure.
5. The expenses for multi-country survey projects, etc., are shown under unspecified for the period from 1954 to 1973.
6. The expenses for development project survey entrusted, those for pre-departure training of volunteers, etc., are grouped under "unspecified."

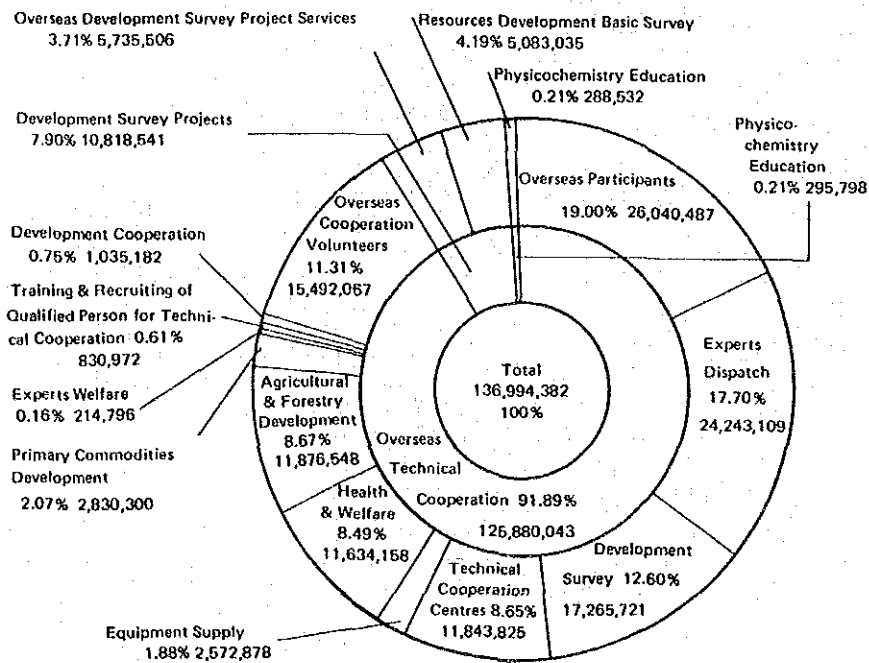
## TECHNICAL COOPERATION WITH DEVELOPING COUNTRIES

— Performance of JICA in 1977 —

### 1. Technical Cooperation Expenses

In 1977, the total expenditure for the Agency's technical cooperation with developing countries was 28,618 million yen, an increase of 37% over the preceding year, and the cumulative total was 136,994 million yen for the period from April 1954 to March 1978. Of the total in 1977, 25,842 million yen represents direct expenses for the overseas technical cooperation showing a substantial increase of 43.2% over the preceding year, and the cumulative total for the said period was 125,880 million yen. The ratio of disbursement to the budget increased sizably from 76.8% in 1976 to 90.6% in 1977.

Fig. 1. (1) Expenses by Programme (1954. 4. 1 – 1978. 3. 31, Unit: Thousand yen)

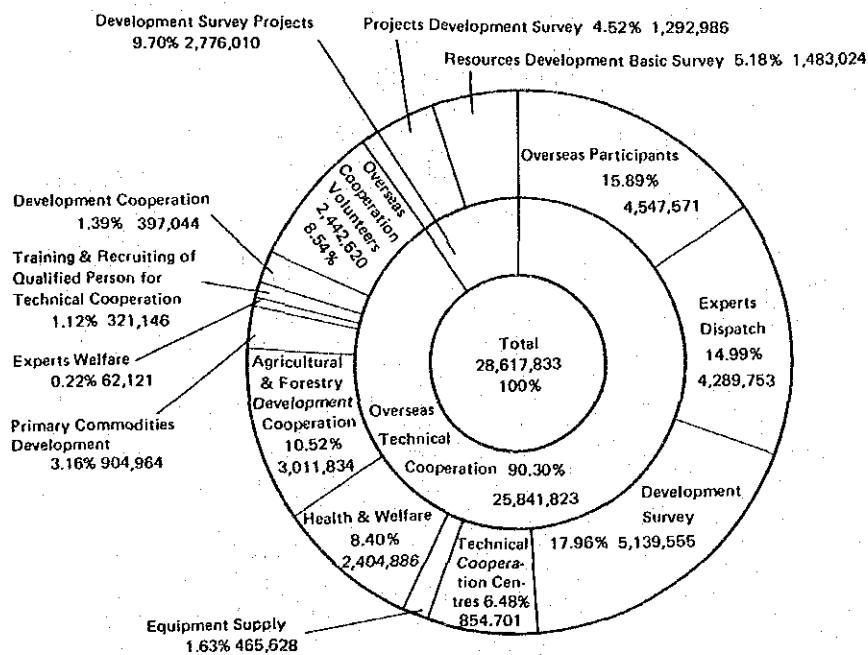


a. Actual Expenses

Compared with 1976, the actual expenses for development technical cooperation increased two and half times, preceding year to accounting for 3.2% of the technical cooperation expenses, those for health and medical cooperation increased by 76.9%, accounting for 8.4% (6.5% in 1976), those for agricultural and forestry cooperation by 74.8% to account for 10.5% (8.2% in 1976) and those for development survey cooperation by 66.1% to account for 18.0% (14.8% in 1976).

On the other hand, actual expenses for training of overseas participants, dispatch of experts and JOCV increased in amounts, but decreased in their percentages.

Fig. 1. (2) Expenses by Programme (1977. 4. 1. - 1978. 3. 31, Unit: Thousand yen)



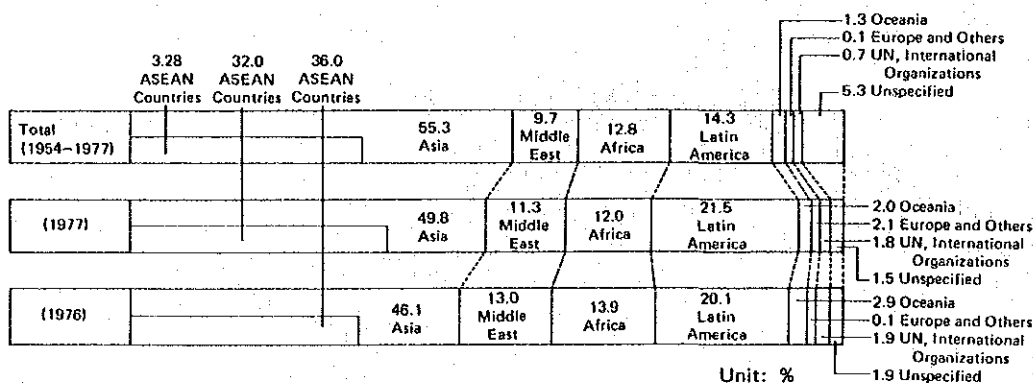
Of the cumulative total of technical cooperation expenses from 1954 to 1977, expenses for the training of overseas participants accounted for 19.0%, the highest ratio, followed by those for dispatch of experts accounting for 17.7% and those for development survey cooperation 12.6%. (See Fig. 1)

b. Distribution by Country and by Region

Distribution of the technical cooperation expenses by country shows that the highest amount was expended for Indonesia in 1977 and in the cumulative total from 1954 to 1977. The three countries of Indonesia, Thailand and the Philippines, accounted for 30% of the total. In 1977, the share of the ASEAN region in technical cooperation expenses increased to 36% from 32% in 1976, with Asia increasing to 49.8% from 46.1% in the same period. In 1977, the percentage distribution decreased slightly for Middle East and Africa and slightly increased for Latin America.

Of the cumulative total of the technical cooperation expenses from 1954 to 1977, Asia accounted for 55.3%, followed by 14.8% for Latin America, 12.8% for Africa, and 9.7% for Middle East. As a trend, Asia has decreased its ratio and Latin America and Middle East have markedly increased their ratios. (See Fig. 2)

Fig. 2. Expenses for Technical Cooperation by Region



In 1977, ASEAN showed an increase over 1976 of 54.1% in the share of technical cooperation expenses, the highest percentage increase with Asia claiming a share of 47.8% and Latin America 46.7%. Oceania registered a decrease. Although Europe and other recorded a rapid increase by as much as 88.4%, their share was no more than 0.1% of the whole.

c. Distribution by Income Group Countries

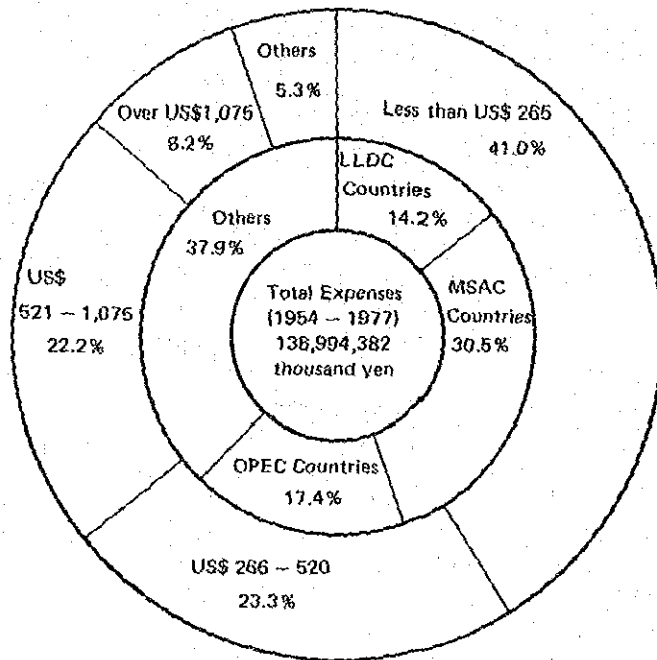
Developing countries have been divided into four groups according to their per-capita GNP, that is, \$265 or less, \$266 – \$520, \$521 – \$1,075 and \$1,076 or over. The trend in distribution by income group of the Agency's technical cooperation expenses is shown for the amount in 1977, and for the cumulative total from 1954 to 1977 as follows.

In 1977, countries in the income group of \$265 or less accounted for 34.0%, the highest ratio, and this together with those in the \$266 – \$520 group, accounted for 30.7%, making a total of 64.7% of the whole technical cooperation expenses. Countries in the \$521 – \$1,075 group, or medium income nations, accounted for 23.6%, and those in the \$1,076 or over group, 7.7%.

Of the cumulative total of technical cooperation expenses from 1954 to 1977, 41% was accounted for by the \$265 or less group and 23.3% by the \$266 – \$520 group. These two groups made up 64.3%, almost the same ratio as for the 1977 expenses.

MSAC accounted for 26.5%, LLDC 14.4% (among developing countries, those belonging to both MSAC and LLDC groups are included in both groups) and the OPEC countries 20.0% inclusive of Indonesia; excluding Indonesia, the OPEC share is reduced to 4.9%. (See Fig. 3)

Fig. 3. Percentage of Expenses for Technical Cooperation by Income Ranking



2. Movements of Persons

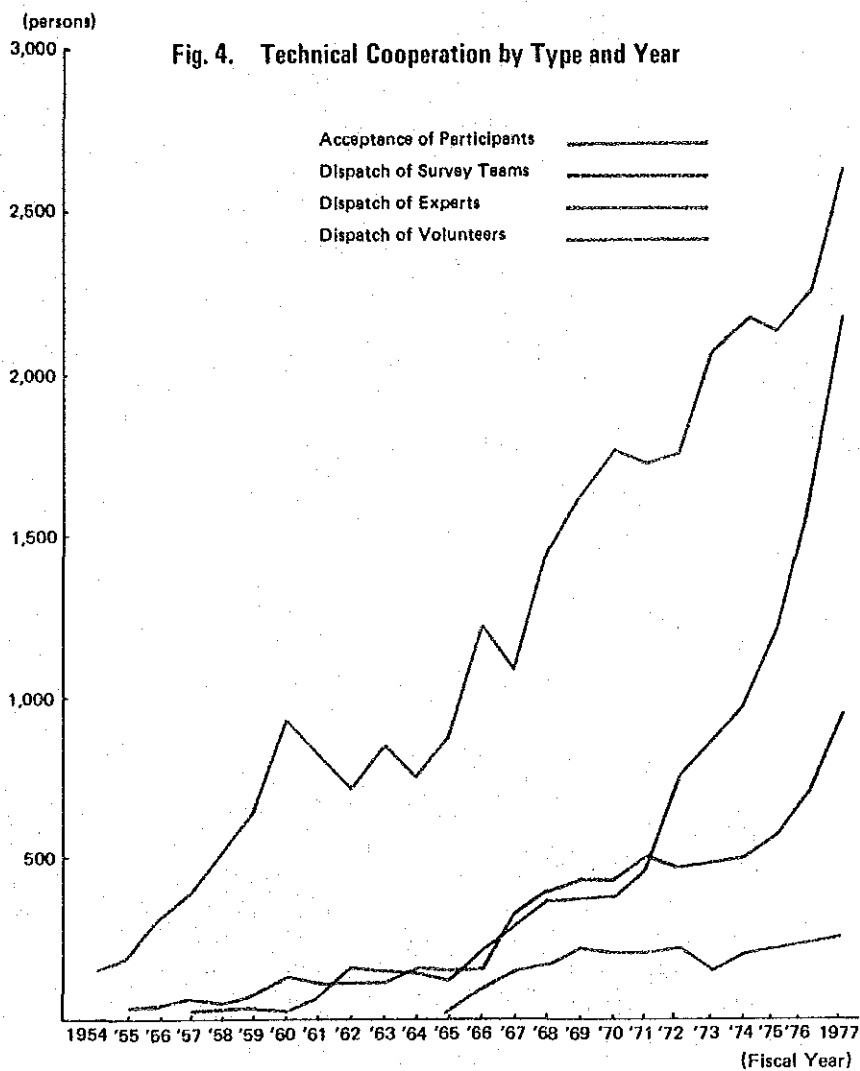
The flow of persons comprising overseas participants, experts, survey team members and Japan Overseas Cooperation Volunteers in 1977 and in the period from 1954 to 1977 is as follows. (See Figs. 4 and 5)

a. Acceptance of Overseas Participants

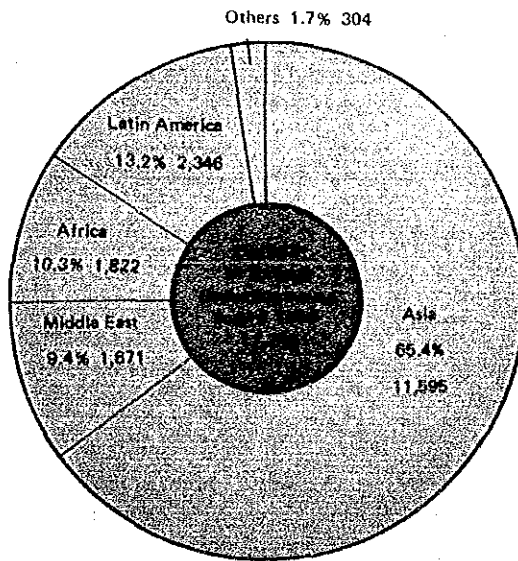
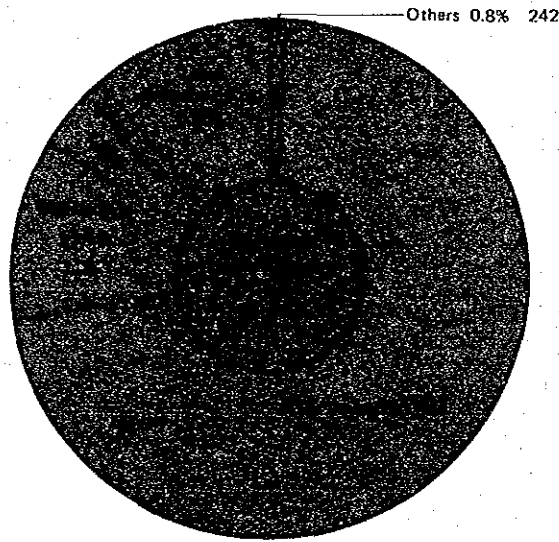
The number of overseas participants accepted newly in 1977 was 2,688, showing an increase of 18.3%, or 416 participants, over the preceding year. The cumulative total of the participants accepted from 1954 to 1977 was 29,079.



Of the number for 1977 Asia accounted for 55.3% (1,487 participants), of which the ASEAN constituted 33.1% with 891 participants. Latin America accounted for 19.1%, Middle East 17.0% and Africa 6.7%. Asia and Africa showed slight decreases in percentage, but Middle East and Latin America registered increases.

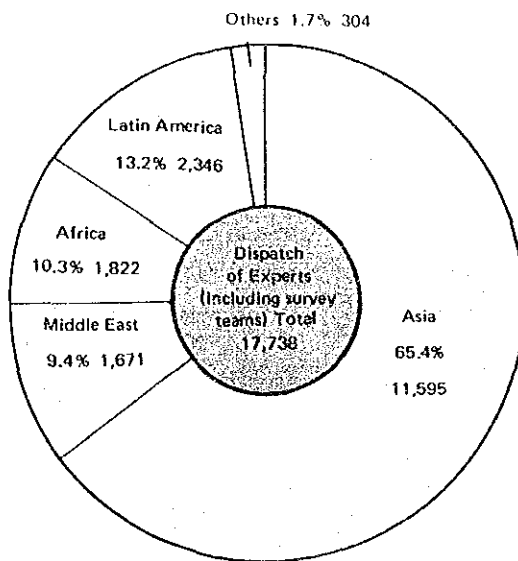
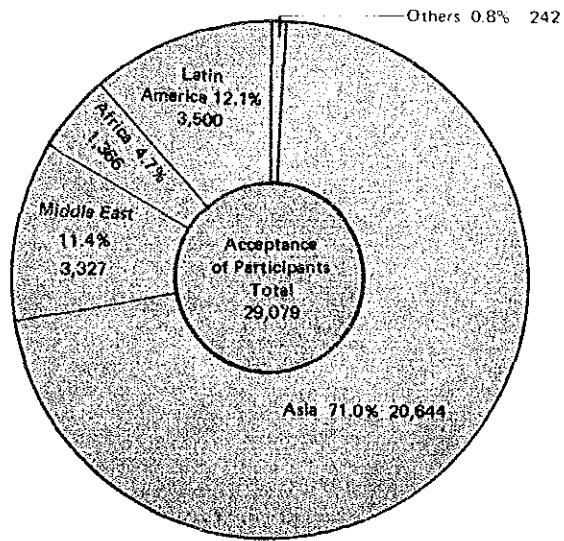


**Fig. 5. Performance by Region of Acceptance of Participants, Dispatch of Experts (including survey teams) and JOCV (1954. 4. 1 – 1977. 3. 31)**



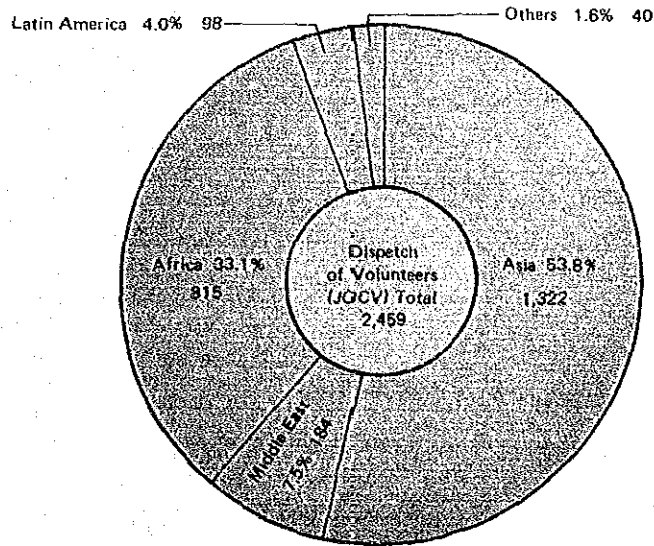
Unit: Person

Fig. 5. Performance by Region of Acceptance of Participants, Dispatch of Experts (including survey teams) and JOCV (1954. 4. 1 – 1977. 3. 31)



Unit: Person

Fig. 5. Cont'd

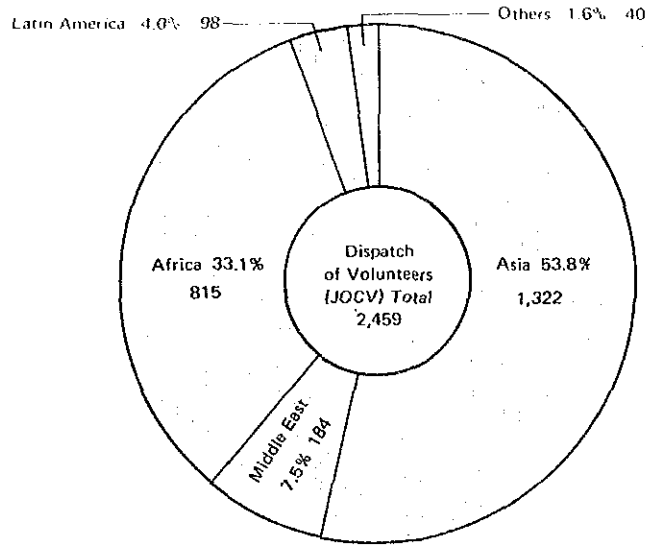


Of the cumulative total from 1954 to 1977, Asia accounted for 65.4%, Latin America 13.2%, Africa 10.3% and Middle East 9.4%. Asia shows a substantial decrease in ratio, but the ASEAN countries show almost no change both for 1977 and for the period from 1954 to 1977. Latin America and Middle East are growing in their percentages.

By country, in 1977, Thailand accounted for 9.6% (257 participants), Indonesia 8.9%, the Philippines 7.6%, Korea 6.0% and Malaysia 4.3%; these five Asian countries accounted for 36.4% of the participants accepted in the year. Of the cumulative total for 1954 to 1977, 48.6% was accounted for by seven Asian countries, with Indonesia accounting for 10.7%, Thailand 10.5%, Korea 8.2%, the Philippines 7.2%, India 4.9%, Malaysia 3.8% and Sri Lanka 3.3%.

The countries in the medium per-capita income group show high percentages of participants accepted in 1977, as well as in 1954 to 1977. Participants accepted from MSAC accounted for 28.4%, OPEC countries 18.2% and LLDC 11.0%.

Fig. 5. Cont'd



Of the cumulative total from 1954 to 1977, Asia accounted for 65.4%, Latin America 13.2%, Africa 10.3% and Middle East 9.4%. Asia shows a substantial decrease in ratio, but the ASEAN countries show almost no change both for 1977 and for the period from 1954 to 1977. Latin America and Middle East are growing in their percentages.

By country, in 1977, Thailand accounted for 9.6% (257 participants), Indonesia 8.9%, the Philippines 7.6%, Korea 6.0% and Malaysia 4.3%; these five Asian countries accounted for 36.4% of the participants accepted in the year. Of the cumulative total for 1954 to 1977, 48.6% was accounted for by seven Asian countries, with Indonesia accounting for 10.7%, Thailand 10.5%, Korea 8.2%, the Philippines 7.2%, India 4.9%, Malaysia 3.8% and Sri Lanka 3.3%.

The countries in the medium per-capita income group show high percentages of participants accepted in 1977, as well as in 1954 to 1977. Participants accepted from MSAC accounted for 28.4%, OPEC countries 18.2% and LLDC 11.0%.

b. Dispatch of Experts

In 1977, a total of 949 Japanese experts were newly dispatched abroad, showing an increase of 35.1% (247 experts) over the preceding year; the cumulative total of experts dispatched from 1954 to 1977 was 7,134.

By region in 1977, Asia accounted for 50.3% (477 experts), showing a decrease compared with 53.8% in 1976. Among countries in Asia, those belonging to ASEAN accounted for 32.1%.

The ratio for Latin America increased from 18.7% to 21.1%, and that for Middle East from 13.1% to 14.1%, but that for Africa decreased from 12.4% to 5.2%. Recent trend in the dispatched experts and the accepted participants shows that there have been increased percentages for Latin America and Middle East, but a remarkably decreased percentage for Asia.

Of the cumulative total of dispatched experts from 1954 to 1977, 61.1% was accounted for by Asia (31.6% by the member countries of ASEAN), 12.1% by Latin America, 11.2% by Middle East and 9.4% by Africa.

By country, Indonesia accounted for 12.4% (118 experts) of the total experts dispatched in 1977, followed by Thailand, comprising 8.7%, Korea, 7.3% and the Philippines, 6.8%, with these four Asian countries accounting for 35.2% of the total. Of the cumulative total, 33.9% was accounted for by the same four Asian countries, and there was a conspicuous increase in the number of experts dispatched to Iran, Egypt, Brazil and Bolivia.

By income group, countries in the medium and lower income groups of less than \$1,075 accounted for 80% of the experts dispatched in 1977: OPEC countries accounted for 22.6%, a ratio higher than the 21.5% MSAC and LLDC.

c. Dispatch of Survey Teams

In 1977, the total number of survey teams dispatched to developing coun-

tries was 2,188, showing an increase of 36.6%, or 586 persons involved, over the preceding year. The cumulative total of survey team members dispatched from 1954 to 1977 was 10,604.

Of the number of survey team members dispatched in 1977, Asia accounted for 58.2%, showing an increase of 55.5% over the preceding year, of which the ASEAN countries occupying a high. Latin America accounted for 17.7%, Africa 11.7%, Middle East 10.0% and Oceania 2.4%. A high percentage ratio for Africa is noticeable in contrast to the percentage for dispatched experts. Of the cumulative total from 1954 to 1977, Asia accounted for a high 65.2%.

By income group, countries in the \$520 or less group accounted for 66.8% of the number of survey team members dispatched in 1977, and 69.6% of the cumulative total for 1954 to 1977. MSAC accounted for 25.8 of the total in 1977, OPEC countries 19.0% and LLDC 12.4%, with approximately the same percentages of the cumulative total.

It may be noticed that the countries in lower income groups have higher percentage of survey teams despatched than the percentages of experts dispatched and participants accepted.

d. Dispatch of Japan Overseas Cooperation Volunteers (JOCV)

The total number of Japan Overseas Cooperation Volunteers dispatched abroad in 1977 was 48, an increase of 20 over the preceding year. By region, Africa received 37.1% of them, Asia 33.9% (ASEAN countries 20.6%), Middle East 16.5%, Latin America 8.9% and Oceania 3.4%. Of the cumulative total of the volunteers dispatched from 1954 to 1977, 53.8% was accounted for by Asia and 33.1% by Africa. Recently, there are increasing trends in the ratios accounted for by Africa and Latin America.

By income group, the \$521 - \$1,075 group countries accounted for 38.7% of the total in 1977, the \$265 or less group 36.3% and the \$266 - \$520 group 25.0%. MSAC accounted for 34.6% of the total in 1977 and LLDC 30.6%; of the cumulative total from 1954 to 1977, 52.1% was accounted for by MSAC and 40.8% by LLDC. A feature in this connection is that,

due to the nature of this project, a higher ratio is accounted for by lower income regions.

### 3. Cooperation by Sector (Type of Business)

The trend of movements of persons by sector is analyzed below, relating it to the acceptance of overseas participants, dispatch of experts and survey teams and services of the Japan Overseas Cooperation Volunteers based on performance in 1977 and the cumulative total for the period from 1954 to 1977. (See Fig. 6)

#### a. Acceptance of Overseas Participants by Sector

Of the total number of overseas participants accepted in 1977, administration sector accounted for 16.5%, agriculture 13.1%, telecommunications, broadcasting and postal services 12.4%, welfare services 10.4%, transportation 9.4%, construction 8.0% and so on, developing in the same manner as in the preceding year. A feature is that remarkably higher growth rates over the preceding year were attained in such sectors as atomic energy, light industries, chemical industry, management technology, transportation, mining and construction.

Of the cumulative total of the participants accepted from 1954 to 1977, agricultural sector accounted for 18.8% (5,472 participants), the highest ratio, followed by administration, accounting for 14.0% (4,070), telecommunications, broadcasting and postal services 10.4% (3,026), transportation 8.8% (2,578), welfare services 8.8% (2,564), construction 6.3% (1,841), light industries 5.8% (1,677) and fisheries 5.2% (1,507). Recent trends show increased shares by such sectors as administration, telecommunications, broadcasting and postal services, construction, welfare services, heavy industries, slight decreases in the agriculture and fisheries.

#### b. Dispatch of Experts and Survey Teams by Sector

By sector, of the total of experts and survey teams (in terms of persons) dispatched in 1977, agriculture accounted for 21.9% (687 experts), the highest ratio as in the preceding year. Construction increased its ratio from 16.2% in 1976, to 19.8% in 1977, transportation from 6.6% to 8.8%,



**Fig. 6. Performance by Sector of Acceptance of Participants, Dispatch of Experts (including survey teams), Japan Overseas Cooperation Volunteers (1954. 4. 1 – 1078. 3. 31)**

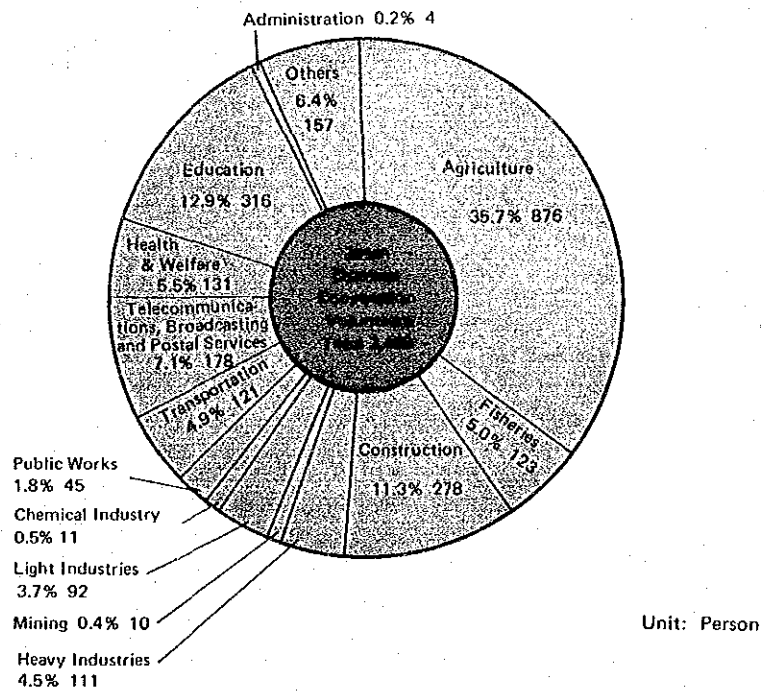


Fig. 6. Performance by Sector of Acceptance of Participants, Dispatch of Experts (including survey teams), Japan Overseas Cooperation Volunteers (1954. 4. 1 - 1078. 3. 31)

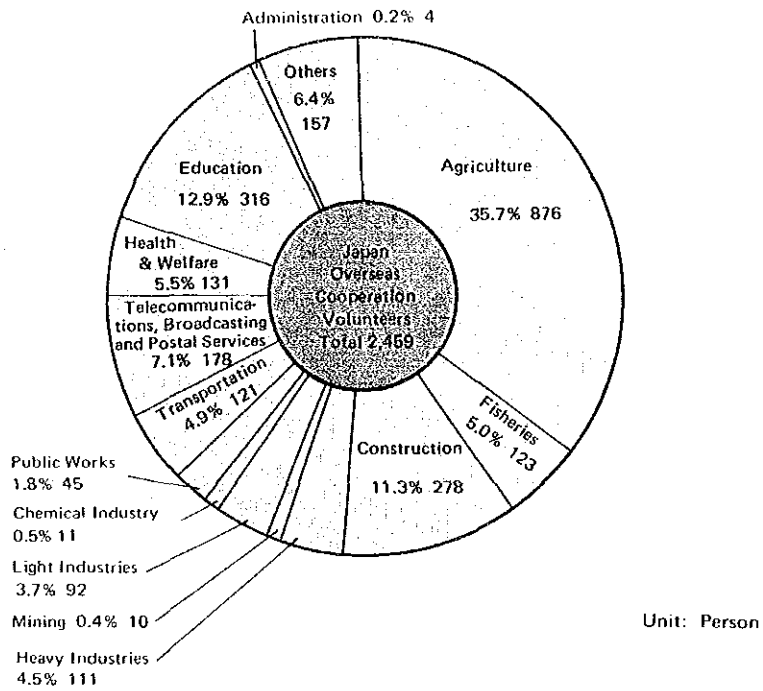


Fig. 6. Cont'd

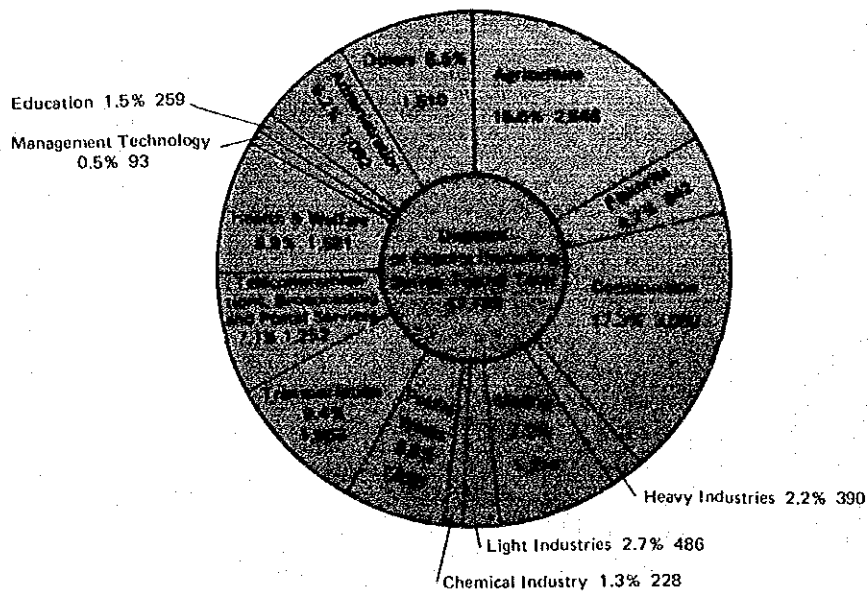
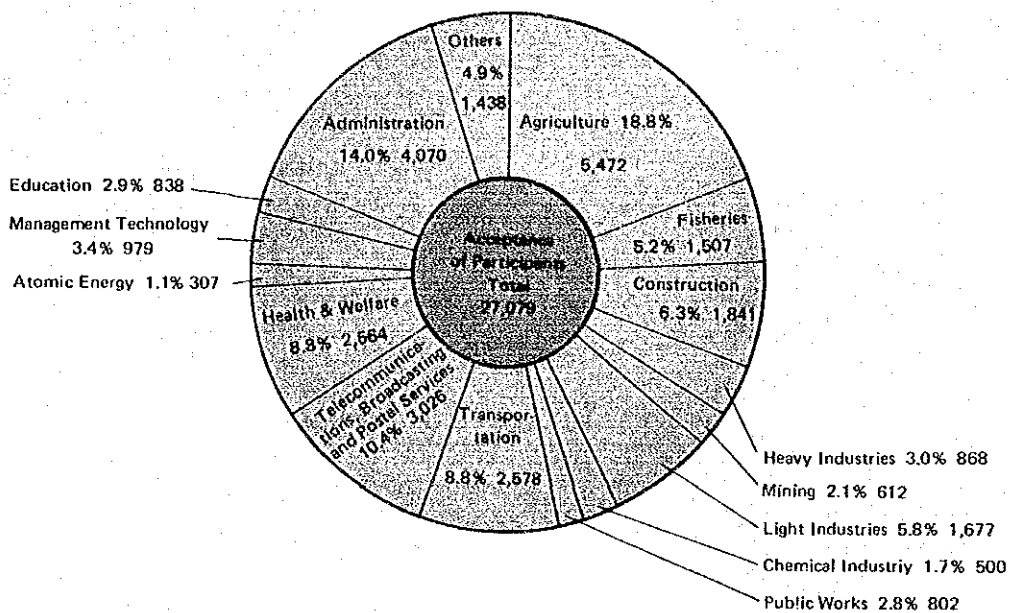
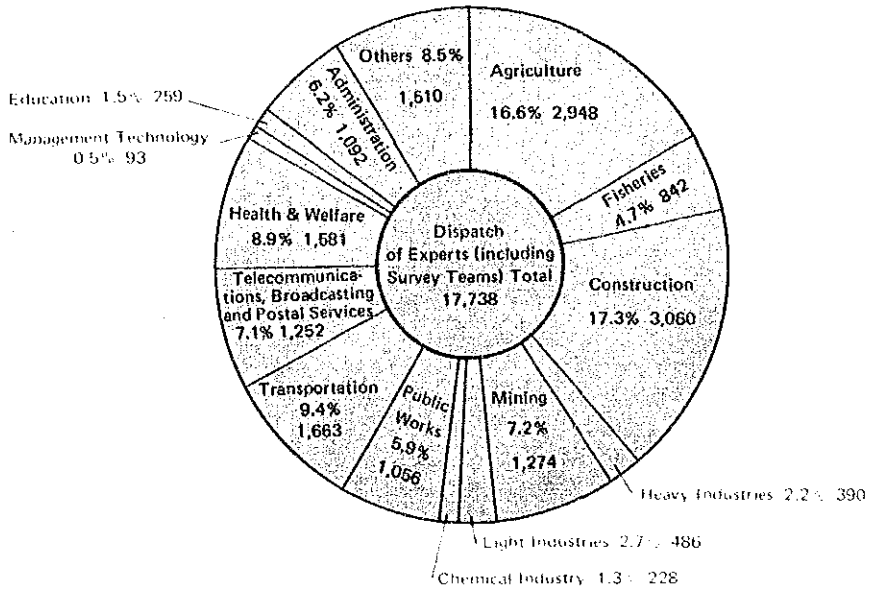
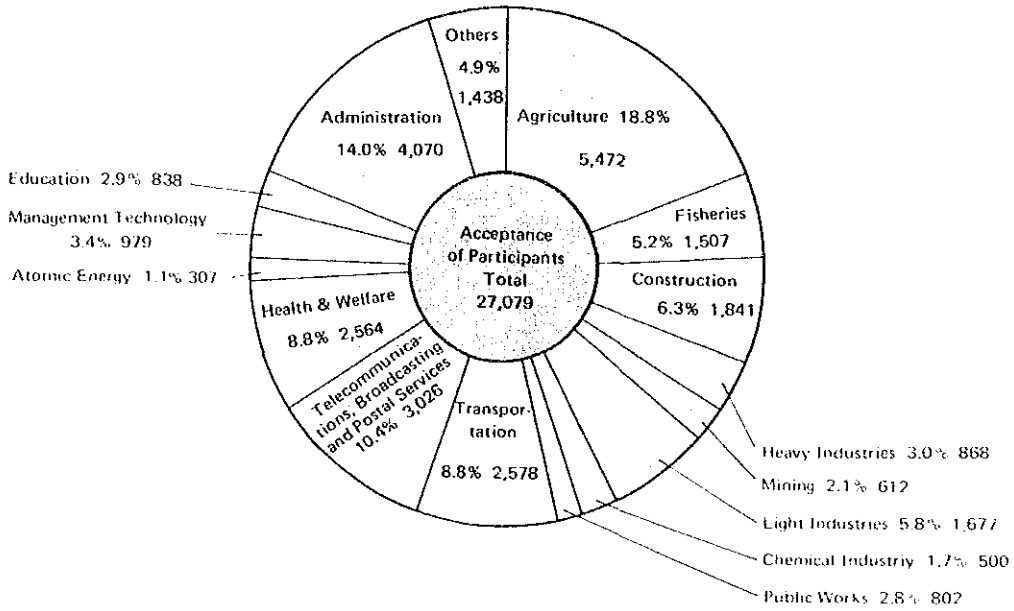


Fig. 6. Cont'd



health and welfare from 6.4% to 8.1%, but administration decreased from 11.3% in 1976 to 8.7% in 1977. The growth rates of the number of dispatched experts and survey teams by sector compared with the preceding year were 79.7% for transportation, 79.0% for light industries, 72.7% for the chemical industry, 71.6% for health and welfare, 66.2% for construction and 35% for agriculture. But the education and management technique sectors show minus growth rates.

By sector, of the cumulative total of the experts and survey teams dispatched from 1954 to 1977, construction accounted for 17.3% (3,060 experts), the highest ratio, followed by agriculture 16.6% (2,948), transportation 9.4% (1,663), health and welfare 8.9% (1,581), mining 7.2% (1,274), telecommunications, broadcasting and postal services 7.1% (1,252), administration 6.2% (1,092) and public works 5.9% (1,056). The agricultural sector has recently been showing a remarkable increase in ratio.

c. Dispatch of Japan Overseas Cooperation Volunteers by Sector

Of the total number of JOCV dispatched abroad in 1977, 24.6% (61 volunteers) was accounted for by the agricultural sector, 14.9% (37) by construction, 10.5% by heavy industries, 8.9% by telecommunications, broadcasting and postal services, 8.9% by education, 6.9% by health and welfare 4.8% by transportation and 3.6% by fisheries. Compared with the preceding year, the sectors including heavy industries, light industries, construction and telecommunications, broadcasting and postal services increased their ratios, but those of agriculture, fisheries, transportation, health and welfare decreased.

Of the cumulative total of volunteers dispatched abroad from 1954 to 1977, agriculture accounted for 35.7% (876 volunteers), attaining the highest ratio, followed by education accounting for 12.9%, construction 11.3%, telecommunications, broadcasting and postal services 7.1%, health and welfare 5.5%, fisheries 5.0%, transportation 4.9% and heavy industries 4.5%. The ratios have recently been decreasing for agriculture and education and increasing for the construction sector.

I. PERFORMANCE IN 1977 BY REGION, COUNTRY,  
TYPE OF COOPERATION, AND SECTOR  
(As of March 31, 1978)

Region, Country, Organization	Sector Type of Cooperation	Sector						
		Total	Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
<b>ASIA</b>								
Bangladesh	Participants	70	9	1	5	4	2	2
	Survey Team Members	55	30					
	Experts	29	10	3				
	Volunteers	13	11	1				
Bhutan	Participants	1						
Burma	Participants	61	12		6	5	1	2
	Survey Team Members	50	34					
	Experts	10	4					
India	Participants	50	8		10	1		2
	Experts	5						1
	Volunteers	2						
Indonesia	Participants	237	48	3	31	4	8	6
	Survey Team Members	345	93		101	21	5	
	Experts	116	18	7	25		11	
Korea	Participants	149	15		26	4	5	4
	Survey Team Members	63	11		38			
	Experts	69	14		16	2	1	
Laos	Experts	14	7		3			
Malaysia	Participants	109	12		2	7	4	5
	Survey Team Members	94	25		5	11		
	Experts	25	6		1			
	Volunteers	29	1	2	7	11		
Moldive	Participants	2						
	Experts	4						

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
2		7	11	10		4		9	2
		3	13	2		10	6		1
			1						
4	2	4	1	7		5		10	2
			3	11				5	
				2				1	
1	2	6	1	3		1	1	8	6
				2			2	2	
5	10	31	23	20		7	4	34	3
14	18	80		5				8	
		1	10	19			2	22	1
1	1	20	4	14	1	4	10	38	2
	11							3	
1				13			1	20	1
								4	
2	6	15	7	8		6	1	31	3
	32	4	17						
		9	2					7	
		2		2			2		2
			2						
			3						

Region, Country, Organization	Sector							
	Type of Cooperation	Total	Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Mongolia	Participants	6	2					4
Nepal	Participants	59	14		5			3
	Survey Team Members	46	4					
	Experts	23	1		6			
	Volunteers	18	2	1	3		1	
Pakistan	Participants	54	11	1	3	2	1	1
	Survey Team Members	20					3	
	Experts	8	2					
The Phil- ippines	Participants	195	33	6	15	12	6	5
	Survey Team Members	253	62	10	100	11	16	4
	Experts	65	10		11		5	2
	Volunteers	22	9			4		1
Singapore	Participants	75	2	1	4	4		
	Survey Team Members	5						
	Experts	14			2			
Sri Lanka	Participants	86	15	2	2	6		6
	Survey Team Members	29		5	13			1
	Experts	5	1	1				
Thailand	Participants	(15) 241	(15) 54	11	15	4	14	7
	Survey Team Members	184	70	7	5			
	Experts	84	24	12	8			4
Hong Kong	Participants	5						
Unspecified	Survey Team Members	129	37		46			
	Experts	6						



Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
	1	1	6	6		4		17	2
11	16			15					
	2	6		4				4	
			1	8					2
1	2	1	11	4	1	3	2	7	3
		9	8						
2			3	1					
12	7	26	16	17		6	2	29	3
	1		17	3		3		26	
5		15		8			1	7	1
3	1	1	1				1		1
2	2	8	10	7		2	2	26	5
		2	9				1	5	
4		6	7	5		5		23	5
			5			5			
				3					
8	11	21	16	29		8	2	37	4
10	6	26	28	11			7	14	
5	6		2	11			3	9	
								3	2
		5	7	23				11	
				6					

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Total for Asia	Participants	(15)	(15)	25	124	53	41	47
	Survey Team Members	1,400	235	22	308	43	24	5
	Experts	477	97	23	72	2	17	7
	Volunteers	84	23	4	10	15	1	1

#### MIDDLE EAST

Afghanistan	Participants	59	9		2	2		2
	Survey Team Members	26	13		13			
	Experts	18						
Algeria	Participants	8				1		
	Survey Team Members	4						
	Experts	3						
Bahrain	Participants	2						
Egypt	Participants	89	4		7	7	1	3
	Survey Team Members	15				5		
	Experts	30				5		
Iran	Participants	85	6	2	8	3	2	3
	Survey Team Members	25	3					
	Experts	33	3		1	1		
Iraq	Participants	58	2		7		1	2
	Survey Team Members	7	7					
	Experts	12			2	6		1
Jordan	Participants	10	1					
	Survey Team Members	11						

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
42	44	146	116	130	2	55	24	272	44
35	84	124	95	70		18	7	72	
13	8	36	32	76			14	76	3
3	1	3	2	10			5		6
1	5	2	11	14		1		7	3
			13	3				2	
1			6	4				2	
			1					1	
8	3	11	7	12		6		20	
				4				6	
		12	1	4				8	
4	3	8	9	7		4		23	3
15				4				3	
	3	6	16	2		1			
3	1	6	8	5		3		19	1
1			2						
2			4			1		2	
			6					5	

Region, Country, Organization	Sector							
	Type of Cooperation	Total	Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Kuwait	Participants	7						
	Experts	1						
Libya	Participants	7						
Morocco	Participants	3					2	
	Survey Team Members	4					4	
	Experts	9						
	Volunteers	9	4		5			
Oman	Survey Team Members	10						
Qatar	Participants	3						
	Experts	2						
Saudi Arabia	Participants	28			2			
	Survey Team Members	17			6			
	Experts	5						
The Sudan	Participants	24	3		4	1		2
	Survey Team Members	57	23		19		15	
Syria	Participants	11	1		1			
	Survey Team Members	7	4					
	Experts	4	4					
	Volunteers	14	8	1	3			
Tunisia	Participants	3						
	Survey Team Members	19		3				
	Experts	2		2				
	Volunteers	18	3		2	7		
Turkey	Participants	46		2	7	5		2
	Survey Team Members	10		3			7	
	Experts	12		4			4	

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
1			3 1					3	
1	1		4					1	
	1								
							3	6	
10									
			3 2						
2 11	2		10	2				10	
			1					4	
1	1	2	2	3		1		4	
2	1		3	1				2 3	2
	2 12	1		4					
				2			1		3
4	8	4	8	2				4	
	2		1	1					

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
South Yemen	Participants	1			1			
Yemen	Survey Team Members	7	7					
	Experts	1			1			
United Arab Emirates	Participants	7			2			
	Experts	1	1					
Total for Middle East	Participants	451	26	4	41	19	6	14
	Survey Team Members	219	57	6	38	5	26	
	Experts	135	8	6	4	12	4	1
	Volunteers	39	15	1	10	7		
<b>AFRICA</b>								
Botswana	Participants	1						
Cameroon	Participants	1						
	Survey Team Members	5	5					
Central Africa	Participants	1						
Ethiopia	Participants	15			1		1	
	Volunteers	4	1		1			1
Gabon	Survey Team Members	4		4				
Ghana	Participants	22	2	2	1			2
	Survey Team Members	3						
	Experts	7	1					
	Volunteers	12	2		3			
Guinea	Survey Team Members	22			22			

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
	1		3					1	
30	29	34	82	46		16		97	7
35	12		6	16				17	
1	5	18	38	10		1	3	22	2
				2			1		3
			1						
		1							
			1						
	3	2	4			1		3	1
			4	5		1		5	
				3					
				5			7	1	

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					Light Industries
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	
Ivory Coast	Participants	3		1				
Kenya	Participants	28	4	1	4			1
	Survey Team Members	53		8	35			
	Experts	11			3			
	Volunteers	20	5	1	2			
Liberia	Participants	6	2					
	Survey Team Members	3						
	Experts	2			1			
Madagascar	Participants	6	1		1	3		
	Survey Team Members	19	4					
	Experts	2	2					
Malawi	Participants	1						
	Survey Team Members	11				11		
	Experts	1		1				
	Volunteers	26	4		7	1		1
Mali	Survey Team Members	9						
Mauritania	Participants	3			2			
	Experts	3		3				
Mauritius	Survey Team Members	20			20			
The Niger	Survey Team Members	10						
Nigeria	Participants	22	4			1	1	2
	Survey Team	14	2					
	Experts	5						



Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
		2							
		2	5	6		1		4	
			3	5				2	
	3		2			2		1	
		2	4				5		1
			2	1		1			
	3								
	1								
			1						
			15						
			1						
		4		4			3	1	1
	7							2	
		1							
								10	
2		3		8		1			
		12		4				1	

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Rwanda	Participants	3						
	Experts	1						
Senegal	Survey Team Members	23			23			
Sierra Leone	Participants	2						
Somalia	Experts	3		3				
Swaziland	Participants	1						
	Experts	1						1
Tanzania	Participants	33	6	1	7	2		1
	Survey Team Members	18	4					13
	Experts	8	1		1			
	Volunteers	7	1		2	1		3
Uganda	Participants	11						
	Survey Team Members	10					10	
Zaire	Participants	10			3		4	
	Survey Team Members	11			11			
	Experts	5			5			
Zambia	Participants	11						
	Volunteers	23	4	1				
Unspecified	Survey Team Members	20	2				7	
Total for Africa	Participants	180	19	5	19	6	6	6
	Survey Team Members	255	17	12	111	11	17	13
	Experts	49	4	7	10			1
	Volunteers	92	17	2	15	2		5

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
		3							
		1							
			2						
			1						
		4	2	5		2		3	
		2		1		2		1	
3			6			1		1	
		2	1						
		3	6			1		1	
		1	14						3
				6				5	
5	3	23	37	25		9		17	
	10	12	18	14				20	
	4	3	2	10		4		4	
		7	18	4				1	6

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					Light Industries
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	
<b>LATIN AMERICA</b>								
Argentina	Participants	24		3	1	1	1	
	Survey Team Members	14	6				5	
	Experts	18	9	2	1			
Barbados	Participants	2	1					
Bolivia	Participants	37	2		7		4	
	Survey Team Members	70			21		20	
	Experts	24					6	
Brazil	Participants	84	23	2	5		5	
	Survey Team Members	48	30		5		6	
	Experts	29	10			3	5	
Chile	Participants	27	2	2		5	1	
	Survey Team Members	18				2	12	
	Experts	18				9		
Colombia	Participants	19	6	1			3	
	Survey Team Members	6		6				
	Experts	11		3			2	
Costa Rica	Participants	13			1			
	Survey Team Members	11						
	Experts	7	2		1			
	Volunteers	9						
Cuba	Participants	1						
Dominican Republic	Participants	6	1					
	Experts	2						
Ecuador	Participants	11			2			
	Experts	7					1	

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
1	3	6	3	3				2	
		2		3					
				4					
		1							
	1	3	7	11				2	
	3	26	1	10			2	2	
		3							
	6	10	2	10		7	1	13	
		3						4	
	1	2	1	2	1		1	3	
	2	3	3	6				2	
								4	
	3			6					
1	1		2	1		4			
								1	
	2	5	1	1		1		2	
	7							4	
	1	2					1		
							1		8
				1					
	1		1	2		1			
				2					
	1	1	1	2		1		2	1
3				3					

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
El Salvador	Participants	14			1			3
	Survey Team Members	1				1		
	Experts	2						
	Volunteers	4	1					
Grenada	Participants	1						
Guatemala	Participants	18					2	
	Survey Team Members	20					16	
	Experts	18						
Guyana	Participants	5	1	1		1		
	Experts	2		2				
Honduras	Participants	10		1	2		2	
	Survey Team Members	67	19		14		27	
	Experts	4	2					
	Volunteers	6	2	1				
Jamaica	Participants	1						
	Experts	1						
Mexico	Participants	114	4	17	1	29	4	24
	Survey Team Members	42			7		15	
	Experts	12	4	2				
Nicaragua	Participants	3			1			
	Experts	5	1					
Panama	Participants	11					2	
	Experts	1						
Paraguay	Participants	25	3					
	Survey Team Members	32	10		11			
	Experts	9	3					
	Volunteers	3	1	1				

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
2	1		3	2				2	
1		1	1						1
		1							
	1	5	6	5					
	2		2	12				2	
			2						
		7	3	1		1			
1				2					2
				1		1			
3		4	13	6		3		4	2
		20							
		2	2	1			1		
	1		1	2					
			2	2		2		2	
		1	1						
2			4	6		1		9	
		7		1				4	
			1					5	

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Peru	Participants	58	1	9	6	2	5	
	Survey Team Members	45		4			23	
	Experts	9		1			4	
Puerto Rico	Experts	1						
Surinam	Experts	6		6				
Trinidad and Tobago	Participants	2	1					
	Experts	1	1					
Uruguay	Participants	10	2	1				
	Survey Team Members	5	5					
	Experts	1						1
Venezuela	Participants	11	1		2		1	
	Experts	10		1	3			
Antil	Participants	1						
Unspecified	Survey Team Members	7						
	Experts	3						
Total for Latin America	Participants	508	48	37	29	38	25	33
	Survey Team Members	387	70	10	58	3	126	
	Experts	201	32	17	5	12	17	7
	Volunteers	22	4	2				

#### OCEANIA AND EUROPE

Fiji	Participants	6		1				
	Survey Team Members	15	15					
	Experts	7	1	1				



Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
1	2	2	22	1		2		4	1
	11		4					7	
				1					
			1						
			2	2				3	
2		1	2			3		1	2
	1							2	
								7	
				3					
10	22	43	81	62		27	1	48	4
	22	63		6				30	
5	7	12	14	50	1		5	15	2
2		1	1				1		11
			2					3	
		2	2	1					

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
Papua New Guinea	Participants	13	1	4				1
	Survey Team Members	13	3	5				
	Experts	1		1				
Tonga	Participants	3		1				
	Experts	1		1				
	Volunteers	1					1	
Western Samoa	Participants	3		1				
	Experts	3	3					
	Volunteers	8	2		2		1	
Pacific Island	Participants	2	1					
	Experts	1	1					
Gilbert and Ellice Islands	Survey Team Members	4		4				
Micronesia	Participants	10		10				
	Experts	2		2				
New Hebrides	Survey Team Members	6	6					
Malta	Participants	2						2
	Experts	3						
Others	Experts	10			9			
Solomon Islands	Survey Team Members	4						
Unspecified	Survey Team Members	2						
Total for Oceania and Europe	Participants	29	2	7				1
	Survey Team Members	54	24	19				
	Experts	28	5	5	9			
	Volunteers	9	2		2		2	

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
	5		1	1		1		3	1
		1						1	
				1					1
		1	1	1					
									1
		3							
				1					
								4	
								2	
		1	3	2		1		7	3
5		5	2	2				6	
		1	1	1					

Region, Country, Organization	Sector Type of Cooperation	Sector					
		Total	Agriculture	Fisheries	Construction	Heavy Industries	Mining
<b>INTERNATIONAL ORGANIZATION</b>							
ASPAC-FF	Participants	8	8				
AVRDC	Participants	1	1				
FAO	Participants	6	1	3	1		
IAEA	Participants	6	1				
IBRD	Participants	9	9				
IDA	Participants	3					
ILO	Participants	8					2
IMCO	Participants	5				5	
ITU	Participants	11					
OECD	Participants	1				1	
SEAFDEC	Participants	24		24			
UN	Participants	2					
UNDP	Participants	2					
UNESCO	Participants	8	2			2	
UNIDO	Participants	22				13	5
UPU	Participants	2					
WMO	Participants	2					
<b>Total of Participants from International Organizations</b>		<b>120</b>	<b>22</b>	<b>27</b>	<b>1</b>	<b>21</b>	<b>7</b>

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
1									
				1	4				
			3						
		1		3		1		1	
			11						
	1							1	
		2							
							4		
						1			3
			2						
		2							
1	1	5	16	4	4	2	4	2	3

Region, Country, Organization	Sector Type of Cooperation	Total	Sector					
			Agriculture	Fisheries	Construction	Heavy Industries	Mining	Light Industries
AFDB	Experts	2						
AIT	Experts	6			2			
CPSC	Experts	1						
ELCA	Experts	6						
ESCAP	Experts	18	2		1		6	
ITU	Experts	1						
OAS	Experts	1	1					
SEAFDEC	Experts	20		19				
SEARCA	Experts	2	2					
UNDRO	Experts	2			2			
WARDA	Experts	2	2					
<b>Total of Experts to International Organizations</b>		<b>61</b>	<b>7</b>	<b>19</b>	<b>5</b>		<b>6</b>	
		(15)	(15)	118	214	137	80	109
<b>Grand Total</b>	<b>Participants</b>	<b>2,713</b>	<b>352</b>	<b>118</b>	<b>214</b>	<b>137</b>	<b>80</b>	<b>109</b>
	<b>Survey Team Members</b>	<b>2,163</b>	<b>534</b>	<b>55</b>	<b>515</b>	<b>62</b>	<b>191</b>	<b>18</b>
	<b>Experts</b>	<b>949</b>	<b>153</b>	<b>76</b>	<b>105</b>	<b>26</b>	<b>44</b>	<b>16</b>
	<b>Volunteers</b>	<b>248</b>	<b>61</b>	<b>9</b>	<b>37</b>	<b>26</b>	<b>1</b>	<b>6</b>

Unit: Person

Chemical Industry	Public Works	Transportation	Postal Services & Telecommunications	Health & Welfare	Atomic Energy	Management Technology	Education	Administration	Others
		2							
1							3		
							1		
								6	
4						1		3	1
			1						
								1	
5		2	1			1	4	10	1
100	99	252	335	269	6	110	29	443	61
61	133	199	119	106		18	7	145	
24	24	76	89	148	1	6	26	127	8
5	1	12	22	17			15	1	26

## II. PERFORMANCE BY PROGRAMME

### 1. Training Programme for Overseas Participants

Total Number of Participants Accepted by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Bangladesh	63	78	51	70	70	332
Bhutan	47	5	6	5	1	64
Burma	316	37	31	59	61	504
Cambodia	395	48				443
India	1,044	60	68	49	50	1,271
Indonesia	2,075	208	205	220	237	2,945
Korea	1,492	153	135	111	149	2,040
Laos	259	47	27	6		339
Malaysia	709	69	71	103	109	1,061
Moldive	8		1		2	11
Mongolia					6	6
Nepal	204	32	45	43	59	383
Pakistan	606	33	31	34	54	758
The Philippines	1,305	153	156	161	195	1,970



Unit: Person

Region, Country, Organization	Total number for 1954 – 1973	1974	1975	1976	1977	Total
Singapore	401	60	60	70	75	666
Sri Lanka	586	67	80	82	86	901
Thailand	2,142	121	170	181	226	2,840
Vietnam	560	75	2			637
Brunei	2					2
Hong Kong	8		5	5	5	23
Others	1,868	1	1			1,870
<b>Total for Asia</b>	<b>14,090</b>	<b>1,247</b>	<b>1,145</b>	<b>1,199</b>	<b>1,385</b>	<b>19,066</b>
<b>MIDDLE EAST</b>						
Afghanistan	167	39	43	43	59	351
Algeria	8	7	3	3	8	29
Bahrain				1	2	3
Egypt	340	58	57	62	89	606
Iran	506	85	73	96	85	845
Iraq	126	42	56	54	58	336
Israel	5					5
Jordan	19	10	14	7	10	60
Kuwait	34	6	10	5	7	62
Lebanon	17	1				18

Unit: Person

Region, Country, Organization	Total number for 1954 — 1973	1974	1975	1976	1977	Total
Libya	7	6	10	8	7	38
Morocco	8	2	2		3	15
Oman			1			1
Qatar	2	1		1	3	7
Saudi Arabia	40	15	6	13	28	102
The Sudan	110	15	16	17	24	182
Syria	47	13	11	11	11	93
Tunisia	2			4	3	9
Turkey	251	40	40	35	46	412
South Yemen	4				1	5
United Arab Emirates			4	6	7	17
<b>Total for Middle East</b>	<b>1,693</b>	<b>340</b>	<b>346</b>	<b>366</b>	<b>451</b>	<b>3,196</b>
<b>AFRICA</b>						
Benan	1					1
Botswana					1	1
Bulundy	1					1
Cameroon	2		1		1	4
Central Africa	2			2	1	5
Ethiopia	139	22	19	21	15	216

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Gabon	1					1
Gambia	1					1
Ghana	133	21	20	22	22	218
Guinea			2	1		3
Ivory Coast	7	1	2		3	13
Kenya	85	13	17	25	28	168
Lesotho				1		1
Liberia		6	7	11	6	30
Madagascar	12	2	3	5	6	28
Malawi	1		1	2	1	5
Mali	2	1	1			4
Mauritania					3	3
Nigeria	155	19	16	18	22	230
Rwanda	3				3	6
Senegal	10		1	2		13
Sierra Leone	4		1	1	2	8
Somalia	14	1	3			18
Swaziland					1	1
Tanzania	58	19	28	27	33	165
Togo		1				1

Unit: Person

Region, Country, Organization	Total number for 1954 -- 1973	1974	1975	1976	1977	Total
Uganda	50	12	11	16	11	100
Upper Volta		1				1
Zaire	35	8	3	8	10	64
Zambia	13	4		6	11	34
<b>Total for Africa</b>	<b>729</b>	<b>131</b>	<b>136</b>	<b>168</b>	<b>180</b>	<b>1,344</b>
<b>LATIN AMERICA</b>						
Argentina	126	10	15	18	24	193
Barbados			1		2	3
Bolivia	74	17	21	28	37	177
Brazil	390	62	72	66	84	674
Chile	109	13	18	26	27	193
Colombia	112	12	13	22	19	178
Costa Rica	36	7	9	10	13	75
Cuba	5	3	5	4	1	18
Dominican Republic	26	6	3	7	6	48
Ecuador	63	8	11	11	11	104
El Salvador	36	3	12	13	14	78
Grenada					1	1
Guatemala	32	9	9	13	18	81

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Guyana	1	3		5	5	14
Hitey	6					6
Honduras	17	4	11	10	10	52
Jamaica	3	2	1	2	1	9
Mexico	392	82	93	107	114	788
Nicaragua	19	3	4	6	3	35
Panama	25	6	4	12	11	58
Paraguay	61	18	16	12	25	132
Peru	207	55	49	46	58	415
Trinidad and Tobago	3	1	2	1	2	9
Uruguay	13	3	2	6	10	34
Venezuela	40	6	9	7	11	73
Antil					1	1
<b>Total for Latin America</b>	<b>1,796</b>	<b>333</b>	<b>380</b>	<b>432</b>	<b>508</b>	<b>3,449</b>
<b>OCEANIA AND EUROPE</b>						
Fiji	2	3	4	9	6	24
Mariana			1			1
Papua New Guinea		1	3	9	13	26
Pacific Islands					2	2

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Tonga		2	1	2	3	8
Western Samoa	2	2	5	2	3	14
Cyprus	4	1				5
Greece		1				1
Malta	1				2	3
Others	22					22
<b>Total for Oceania and Europe</b>	<b>31</b>	<b>10</b>	<b>14</b>	<b>22</b>	<b>29</b>	<b>106</b>

## INTERNATIONAL ORGANIZATION

AOPU		2				2
ASPAC				8		8
ASPAC-FF			7		8	15
AVRDC					1	1
ESCAP		24				24
FAO		7	12	4	6	29
IAEA		8	1	6	6	21
IBRD					9	9
ICAO		2				2
IDA					3	3
ILO		13	9	8	8	38

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
IMCO		7	6	5	5	23
ITU		10	19	2	11	42
OECD					1	1
SEAFDEC				22	24	46
SEARCA				1		1
UN		15	11	1	2	29
UNDP			3	2	2	7
UNESCO			3	2	8	13
UNIC			2			2
UNIDO		5	15	5	22	47
UPU			2	1	2	5
WMO		1			2	3
Unspecified	1,479					1,479
<b>Total for International Organizations</b>	<b>1,479</b>	<b>94</b>	<b>90</b>	<b>67</b>	<b>120</b>	<b>1,850</b>
<b>Grand Total</b>	<b>19,818</b>	<b>2,155</b>	<b>2,111</b>	<b>2,254</b>	<b>2,673</b>	<b>29,011</b>

## 2. Expert Dispatch Programme

### Total Number of Experts Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Bangladesh	20	5	5	6	12	48
Bhutan	1		1			2
Burma	71	5	9	18	6	109
Cambodia	125					125
India	81	1			3	85
Indonesia	303	61	64	(1) 46	67	(1) 541
Korea	176	18	22	26	35	277
Laos	43	3	1		12	59
Malaysia	82	4	6	11	6	109
Moldive	1		2		4	7
Nepal	33	14		2	11	60
Pakistan	163	15	5	4	7	194
The Philippines	94	7	14	13	20	148
Singapore	68		9	10	14	101
Sri Lanka	115	4	4	8	4	135
Thailand	259	16	19	23	(5) 33	(5) 350



Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Vietnam	56	2				58
Others	171					171
Unspecified	22					22
<b>Total for Asia</b>	<b>1,884</b>	<b>155</b>	<b>161</b>	<b>(1) 167</b>	<b>(5) 234</b>	<b>(6) 2,601</b>
<b>MIDDLE EAST</b>						
Afghanistan	33	6		7	13	59
Algeria	20		7	2	1	30
Egypt	33	5	8	8	12	66
Iran	105	10	2	18	(4) 29	(4) 164
Iraq	6		6	4	5	21
Jordan	2	1	1			4
Kuwait	5	4	6	3	1	19
Lebanon	13					13
Libya	5			3		8
Morocco	2	1	1	8	9	21
Qatar	3				2	5
Saudi Arabia	34	9	11	3	5	62
The Sudan	5					5
Syria	21	1	1		(1) 3	(1) 26

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Tunisia	1		1			2
Turkey	45	4	6	8	7	70
Yemen					1	1
United Arab Emirates		1	2	5	1	9
Unspecified	10					10
<b>Total for Middle East</b>	<b>343</b>	<b>42</b>	<b>52</b>	<b>69</b>	<b>(5) 89</b>	<b>(5) 595</b>
<b>AFRICA</b>						
Central Africa	2					2
Congo	3					3
Ethiopia	25		8	13		46
Ghana	18				1	19
Guinea		1				1
Ivory Coast	2	2				4
Kenya	27	6	2	6	10	51
Liberia				1	2	3
Madagascar	11					11
Malawi	1		1		1	3
Mali	3					3
Mauritania			4		3	7

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
The Niger	2			2		4
Nigeria	25	4	1			30
Rwanda	3		2		1	6
Senegal	4					4
Somalia					3	3
Swaziland	1		1	2	1	5
Tanzania	42	4	8	17	4	75
Uganda	48	2	1	2		53
Upper Volta	1					1
Zaire	15	7	4	7	5	38
Unspecified	4			3		7
<b>Total for Africa</b>	<b>237</b>	<b>26</b>	<b>32</b>	<b>53</b>	<b>31</b>	<b>379</b>
<b>LATIN AMERICA</b>						
Argentina	10		2	17	14	43
Bolivia	8	1	5	7	9	30
Brazil	82	12	10	16	17	137
Chile	21	7	6	3	4	41
Colombia	19		2	4	11	36
Costa Rica	18	1	1	6	7	33

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Dominican Republic	3			1		4
Ecuador	21	1	2	2	4	30
El Salvador	20	3	1	3	2	29
Guatemala	3		5	3	4	15
Guyana					2	2
Honduras				1	2	3
Mexico	34	2	12	12	11	71
Nicaragua	6			4	3	13
Panama	6				1	7
Paraguay	20		3	5	2	30
Peru	36	13	12	5	5	71
Surinam					6	6
Trinidad and Tobago	4	2		1	1	8
Uruguay	2				1	3
Venezuela	5		1		10	16
Antij	1					1
Unspecified	4		9			13
<b>Total for Latin America</b>	<b>323</b>	<b>42</b>	<b>71</b>	<b>90</b>	<b>116</b>	<b>642</b>

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>OCEANIA AND EUROPE</b>						
Fiji	3		5		6	14
Papua New Guinea	2			3	1	6
Pacific Islands					1	1
Tonga	1				1	2
Western Samoa					3	3
Malta			7		3	10
Yugoslavia	3			3		6
Others					9	9
Unspecified	2			4		6
<b>Total for Oceania and Europe</b>	<b>11</b>		<b>12</b>	<b>10</b>	<b>24</b>	<b>57</b>
<b>INTERNATIONAL ORGANIZATION</b>						
ADB	2					2
ADC	2					2
AFDB		1			2	3
AIT	14	3	5	8	6	36
ASPAC	4	4				8
AVRDC	1		1			2
CPSC				4	1	5

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
ECA	7	1				8
ECLA					6	6
ECAFE/ESCAP	82	14	11	19	18	144
ECOCEN	1					1
EROPA		1				1
FAO		1				1
IAEA	4					4
ISVS		1				1
ITU	2	1	2	3	1	9
MECON	3					3
OAS	4	1	3	1	1	10
OECD	2					2
SEAFDEC	42	7	18	18	20	105
SEAMES	1					1
SEARCA		1	1		2	4
SEATAC				2		2
UN	3					3
UNCTAD	1					1
UNIDO	3					3
UNDRO					2	2
UNESCO				1		1

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
UNV				1		1
WARDA				4	2	6
<b>Total for International Organizations</b>	<b>178</b>	<b>36</b>	<b>41</b>	<b>61</b>	<b>61</b>	<b>377</b>
<b>Grand Total</b>	<b>2,976</b>	<b>301</b>	<b>369</b>	<b>(1) 450</b>	<b>(10) 555</b>	<b>(11) 4,651</b>

### 3. Technical Cooperation Centre Programme

#### Total Number of Survey Team Members and Experts Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 – 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>ASIA</b>									
Bangladesh	Survey team members	8					8		15
	Experts	7						7	
Burma	Survey team members	5			3	5	13		13
	Experts								
Cambodia	Survey team members	4					4		28
	Experts	24						24	
India	Survey team members	9					9		48
	Experts	39						39	
Indonesia	Survey team members	21		2	2		25		49
	Experts	8	3	5	2	6		24	
Korea	Survey team members	14	7			3	24		39
	Experts	4		1	6	4		15	



Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 -- 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Malaysia	Survey team members	11		8	6	4	29		54
	Experts	5		3	3	14		25	
Pakistan	Survey team members	10					10		22
	Experts	12						12	
The Philippines	Survey team members	6		7	10		23		65
	Experts	16			3	23		42	
Singapore	Survey team members	5				5	10		26
	Experts	15						15	
Sri Lanka	Survey team members	10			1	5	16		41
	Experts	12	8		4	1		25	
Thailand	Survey team members	22		1	13	5	41		119
	Experts	55	6	9	3	5		78	
Others	Survey team members	10					10		20
	Experts	10						10	
Unspecified	Survey team members	6	3	1	1		11		11
	Experts								

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Total for Asia	Survey team members	141	10	19	36	27	233		
	Experts	207	17	18	21	53		316	549
<b>MIDDLE EAST</b>									
Afghanistan	Survey team members	5					5		
	Experts	8						8	13
Egypt	Survey team members		4	9	4		17		
	Experts					14		14	31
Iran	Survey team members	13	2	4	3	3	25		
	Experts	19	9	2	1			31	56
Iraq	Survey team members		5	5			10		
	Experts			7	4	7		18	28
Jordan	Survey team members				4	6	10		
	Experts								10
Saudi Arabia	Survey team members	3	5		3		11		
	Experts			4				4	15

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 – 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Syria	Survey team members	6			1	7	14		33
	Experts	3	6	4	5	1		19	
Tunisia	Survey team members				3	3	6		8
	Experts					2		2	
Turkey	Survey team members	4		4	1	3	12		27
	Experts	1	5	2	3	4		15	
Unspecified	Survey team members		2	1	1		4		4
	Experts								
Total for Middle East	Survey team members	31	18	23	20	22	114		225
	Experts	31	20	19	13	28		111	
<b>AFRICA</b>									
Ghana	Survey team members	4					4		22
	Experts	18						18	
Kenya	Survey team members	5	4	4	1		14		46
	Experts	28			3	1		32	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 -- 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Nigeria	Survey team members	4					4		4
	Experts								
Tanzania	Survey team members					3	3		8
	Experts				3	2		5	
Uganda	Survey team members	5	2				7		21
	Experts	14						14	
Unspecified	Survey team members	5					5		5
	Experts								
Total for Africa	Survey team members	23	6	4	1	3	37		106
	Experts	60			6	3		69	
<b>LATIN AMERICA</b>									
Brazil	Survey team members	4				4	8		15
	Experts	7						7	
Mexico	Survey team members	4		2	2		8		28
	Experts	19	1					20	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1960 – 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Paraguay	Survey team members			5		4	9		17
	Experts				3	5		8	
Peru	Survey team members	5		4	4	9	22		37
	Experts			5	6	4		15	
Unspecified	Survey team members	2					2		2
	Experts								
Total for Latin America	Survey team members	15		11	6	17	49		99
	Experts	26	1	5	9	9		50	
Grand Total	Survey team members	210	34	57	63	69	433		979
	Experts	324	38	42	49	93		546	
	Total	534	72	99	112	162			

#### 4. Development Survey Programme

##### Total Number of Survey Team Members by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Bangladesh	84	71	3	20	35	213
Burma	33	8	17	7	26	91
Cambodia	66					66
India	9					9
Indonesia	349	88	151	164	228	980
Korea	108	9	13	12	45	187
Laos	106					106
Malaysia	122			26	61	209
Nepal	5		5		12	22
Pakistan	147	21	34	17	17	236
The Philippines	69	63	64	76	171	443
Singapore	5					5
Sri Lanka	15			15	18	48
Thailand	230	17	17	96	126	486
Vietnam	65	6				71
Others	48					48

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>Unspecified</b>						
(Malacca Straits)	65	36		24		125
(Mecon River)	342					342
(Plural countries)	97		2		59	158
<b>Total for Asia</b>	<b>1,965</b>	<b>319</b>	<b>306</b>	<b>457</b>	<b>798</b>	<b>3,845</b>
<b>MIDDLE EAST</b>						
Afghanistan			4	20	19	43
Algeria		8	6			14
Egypt	22	16	28	2	6	74
Iran	29		22			51
Iraq	7				7	14
Jordan			11	18	5	34
Lebanon	6					6
Libya				16		16
Saudi Arabia	8			7	6	21
The Sudan	6			19	42	67
Turkey	6					6
Yemen	4			6	7	17

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
United Arab Emirates	19					19
<b>Total for Middle East</b>	<b>107</b>	<b>24</b>	<b>71</b>	<b>88</b>	<b>92</b>	<b>382</b>
<b>AFRICA</b>						
Ethiopia	55					55
Gabon					4	4
Ghana	6		5	22		33
Guinea				18	22	40
Kenya		8	15	37	38	98
Madagascar					15	15
Mali					9	9
Mauritius					20	20
The Niger				10		10
Nigeria	7			19	14	40
Senegal					23	23
Tanzania	57	43	56	11	1	168
Uganda	9					9
Zaire	57	16	5	5	11	94
Zambia	10					10
Unspecified	4		3	8		15



Unit: Person

Region, Country, Organization	Total number for 1954 – 1973	1974	1975	1976	1977	Total
<b>Total for Africa</b>	<b>205</b>	<b>67</b>	<b>84</b>	<b>130</b>	<b>157</b>	<b>643</b>
<b>LATIN AMERICA</b>						
Bolivia	9	18	26	35	47	135
Brazil	19	3	24	13	8	67
Chile	8					8
Colombia	5			5	6	16
Costa Rica	8		4	16	4	32
El Salvador	18					18
Guatemala	5	19				24
Guyana		4				4
Honduras				6	40	46
Mexico	14				27	41
Paraguay	40	4		2	18	64
Peru	30	14		15		59
Trinidad and Tobago	15					15
Venezuela	6					6
Unspecified	18		2	3	4	27
<b>Total for Latin America</b>	<b>195</b>	<b>62</b>	<b>56</b>	<b>95</b>	<b>154</b>	<b>562</b>

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>OCEANIA AND EUROPE</b>						
Fiji				5	15	20
Gilbert and Ellice				8	4	12
Papua New Guinea	9	9		21	5	44
Solomon					4	4
Malta	16					16
Unspecified					2	2
<b>Total for Oceania and Europe</b>	<b>25</b>	<b>9</b>		<b>34</b>	<b>30</b>	<b>98</b>
<b>Grand Total</b>	<b>2,497</b>	<b>481</b>	<b>517</b>	<b>804</b>	<b>1,231</b>	<b>5,530</b>

## 5. Health and Medical Cooperation Programme

### Total Number of Survey Team Members and Medical Experts Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 – 1973	1974	1975	1976	1977	Total of Survey Team	Total of Experts	Total
<b>ASIA</b>									
Bangladesh	Survey team members		5	4		2	11		19
	Experts					1	7	8	
Burma	Survey team members	11				5	16		41
	Experts	16	4	2	1	2		25	
Cambodia	Survey team members	2					2		35
	Experts	33						33	
India	Survey team members	3		3			6		16
	Experts	6		2		2		10	
Indonesia	Survey team members	25	9		6	5	41		141
	Experts	61	1	3	12	23		100	
Korea	Survey team members	16	5	6			27		144
	Experts	61	15	8	12	21		117	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 — 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Laos	Survey team members	3	3				6		26
	Experts	19	1					20	
Malaysia	Survey team members	8					8		20
	Experts	9			3			12	
Nepal	Survey team members	14		3	3	3	23		57
	Experts	6	5	11	6	6		34	
Pakistan	Survey team members								1
	Experts					1		1	
The Philippines	Survey team members	24	4			3	31		112
	Experts	47	4	8	9	13		81	
Singapore	Survey team members								2
	Experts				2				
Sri Lanka	Survey team members	11					11		37
	Experts	23		1	2			26	
Thailand	Survey team members	36	5	5	4	11	61		344
	Experts	226	12	14	18	13		283	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 — 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Vietnam	Survey team members	16	5				21		106
	Experts	70	15					85	
Others	Survey team members	3					3		19
	Experts	16						16	
Unspecified	Survey team members	35	19	14	20	23	111		122
	Experts	1	1	3		6		11	
Total for Asia	Survey team members	203	55	35	33	62	378		1,242
	Experts	594	58	52	66	94		864	
<b>MIDDLE EAST</b>									
Afghanistan	Survey team members	9	4				13		59
	Experts	31	3	2	5	5		46	
Algeria	Survey team members				4	4	8		10
	Experts					2		2	
Egypt	Survey team members			5		4	9		14
	Experts				1	4		5	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Iran	Survey team members	7		5		4	16		45
	Experts	22	4		1	2		29	
Libya	Survey team members								2
	Experts	2						2	
Tunisia	Survey team members					4	4		5
	Experts			1				1	
Turkey	Survey team members								1
	Experts					1		1	
Unspecified	Survey team members	4					4		4
	Experts								
Total for Middle East	Survey team members	20	4	10	4	16	54		140
	Experts	55	7	3	7	14		86	
<b>AFRICA</b>									
Ethiopia	Survey team members	14					14		39
	Experts	25						25	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Ghana	Survey team members	14			3	3	20		74
	Experts	25	6	6	11	6		54	
Kenya	Survey team members	19	3			5	27		106
	Experts	63	11	3	2			79	
Nigeria	Survey team members	7	3				10		46
	Experts	11	3	9	8	5		36	
Tanzania	Survey team members	8	4				12		24
	Experts	7	1	1	2	1		12	
Unspecified	Survey team members	14	4	10	14	6	48		48
	Experts								
Total for Africa	Survey team members	76	14	10	17	14	131		337
	Experts	131	21	19	23	12		206	
<b>LATIN AMERICA</b>									
Argentina	Survey team members				3	3	6		15
	Experts		2	1	2	4		9	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Bolivia	Survey team members				4		4		16
	Experts					12		12	
Brazil	Survey team members	12		3	8		23		46
	Experts	11	2	4	3	3		23	
Chile	Survey team members				4		4		10
	Experts					6		6	
Costa Rica	Survey team members	3			3		6		16
	Experts		3	3	4			10	
Dominican Republic	Survey team members								2
	Experts					2		2	
Ecuador	Survey team members				4		4		7
	Experts					3		3	
El Salvador	Survey team members								1
	Experts		1					1	
Guatemala	Survey team members		4	4		3	11		38
	Experts	1			12	14		27	



Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Honduras	Survey team members								3
	Experts				1	2		3	
Jamaica	Survey team members								1
	Experts					1		1	
Mexico	Survey team members								1
	Experts					1		1	
Nicaragua	Survey team members								2
	Experts					2		2	
Paraguay	Survey team members			3			3		7
	Experts	1	1	1		1		4	
Peru	Survey team members								3
	Experts	2	1					3	
Puerto Rico	Survey team members								1
	Experts					1		1	
Unspecified	Survey team members	4		9			13		30
	Experts	8		4	2	3		17	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 — 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Total for Latin America	Survey team members	19	4	19	26	6	74		199
	Experts	23	10	13	24	55		125	
<b>OCEANIA AND EUROPE</b>									
Fiji	Survey team members								1
	Experts					1		1	
Papua New Guinea	Survey team members								2
	Experts				2			2	
Yugoslavia	Survey team members								1
	Experts				1			1	
Others	Survey team members								1
	Experts					1		1	
Total for Oceania and Europe	Survey team members								5
	Experts				3	2		5	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1966 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>INTERNATIONAL ORGANIZATION</b>									
ECA	Survey team members								1
	Experts	1						1	
WHO	Survey team members								2
	Experts			1				2	
Total for International Organization	Survey team members								3
	Experts	1	1	1				3	
Grand Total	Survey team members	318	77	74	80	88	637		
	Experts	803	97	88	124	177		1,289	1,926
	Total	1,121	174	162	204	265			

## 6. Agricultural Development Programme

### Total Number of Survey Team Members and Agricultural Experts Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>ASIA</b>									
Bangladesh	Survey team members	19	5	4	8	8	44		70
	Experts	3		5	8	10		26	
Burma	Survey team members					5	5		5
	Experts								
Cambodia	Survey team members	17					17		26
	Experts	9						9	
India	Survey team members	100	5	4			109		164
	Experts	46	9					55	
Indonesia	Survey team members	108	20	33	20	35	216		317
	Experts	38	13	15	17	18		101	
Korea	Survey team members	11	11	5	4	4	35		78
	Experts		10	13	11	9		43	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Laos	Survey team members	40	4	4			48		72
	Experts	16		6		2		24	
Malaysia	Survey team members	34		9	7	9	59		67
	Experts	2	1			5		8	
Nepal	Survey team members	43	8	4	1	4	60		93
	Experts	8	7	6	6	6		33	
The Philippines	Survey team members	55	4	12	3	4	78		103
	Experts	14	3	2	5	1		25	
Sri Lanka	Survey team members	42	3	4			49		62
	Experts	12	1					13	
Thailand	Survey team members	33	4	4	35	18	94		154
	Experts	22	9	3	7	19		60	
Vietnam	Survey team members	17	6				23		37
	Experts	12	2					14	
Unspecified	Survey team members	17	32	18	36	35	138		138
	Experts								

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 – 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Total for Asia	Survey team members	536	102	101	114	122	975		
	Experts	182	55	50	54	70		411	1,386
<b>MIDDLE EAST</b>									
Afghanistan	Survey team members					7	7		
	Experts								7
Iran	Survey team members	13	9	3		3	28		
	Experts	3				2		5	33
Unspecified	Survey team members		5	5			10		
	Experts								10
Total for Middle East	Survey team members	13	14	8		10	45		
	Experts	3				2		5	50
<b>AFRICA</b>									
Cameroon	Survey team members					5	5		
	Experts								5

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Tanzania	Survey team members	7	5	11	3	4	30		40
	Experts		2	6	1	1		10	
Unspecified	Survey team members	9					9		9
	Experts								
Total for Africa	Survey team members	16	5	11	3	9	44		54
	Experts		2	6	1	1		10	
<b>LATIN AMERICA</b>									
Brazil	Survey team members	8	6	10	4	8	36		52
	Experts		2	5	5	4		16	
Paraguay	Survey team members					5	5		5
	Experts								
Uruguay	Survey team members				5	5	10		10
	Experts								
Unspecified	Survey team members			10			10		10
	Experts								

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Total for Latin America	Survey team members	8	6	20	9	18	61		77
	Experts		2	5	5	4		16	
Grand Total	Survey team members	573	127	140	126	159	1,125		1,567
	Experts	185	59	61	60	77		442	
	Total	758	186	201	186	236			



## 7. Primary Commodities Development Programme

### Total Number of Survey Team Members and Experts Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 -- 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>ASIA</b>									
Burma	Survey team members				5	9	14		16
	Experts					2		2	
Cambodia	Survey team members	9					9		13
	Experts	4						4	
Indonesia	Survey team members	60		4	4	8	76		108
	Experts	25	1	3	1	2		32	
The Philippines	Survey team members			5	19	11	35		49
	Experts				6	8		14	
Thailand	Survey team members	36	12	16	10	12	86		138
	Experts	24	9	3	2	14		52	
Unspecified	Survey team members			4	8		12		12
	Experts								

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>Total for Asia</b>	<b>Survey team members</b>	<b>105</b>	<b>12</b>	<b>29</b>	<b>46</b>	<b>40</b>	<b>232</b>		
	<b>Experts</b>	<b>53</b>	<b>10</b>	<b>6</b>	<b>9</b>	<b>26</b>		<b>104</b>	<b>336</b>
<b>MIDDLE EAST</b>									
<b>Saudi Arabia</b>	<b>Survey team members</b>		<b>5</b>	<b>4</b>			<b>9</b>		
	<b>Experts</b>								<b>9</b>
<b>Total for Middle East</b>	<b>Survey team members</b>		<b>5</b>	<b>4</b>			<b>9</b>		<b>9</b>
	<b>Experts</b>								<b>9</b>
<b>AFRICA</b>									
<b>Ethiopia</b>	<b>Survey team members</b>	<b>4</b>					<b>4</b>		
	<b>Experts</b>								<b>4</b>
<b>Madagascar</b>	<b>Survey team members</b>	<b>4</b>		<b>8</b>	<b>3</b>	<b>4</b>	<b>19</b>		
	<b>Experts</b>					<b>2</b>		<b>2</b>	<b>21</b>
<b>Tanzania</b>	<b>Survey team members</b>	<b>6</b>					<b>6</b>		
	<b>Experts</b>								<b>6</b>

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 – 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
Total for Africa	Survey team members	14		8	3	4	29		31
	Experts					2		2	
<b>LATIN AMERICA</b>									
Bolivia	Survey team members			4	5		9		14
	Experts				2	3		5	
Brazil	Survey team members		4	7	4	6	21		26
	Experts					5		5	
Chile	Survey team members			5	5	2	12		23
	Experts			3		8		11	
Paraguay	Survey team members					5	5		5
	Experts								
Unspecified	Survey team members					3	3		3
	Experts								
Total for Latin America	Survey team members		4	16	14	16	50		71
	Experts			3	2	16		21	

Unit: Person

Region, Country, Organization	Type of Cooperation	Total number for 1967 - 1973	1974	1975	1976	1977	Total of Survey Team Members	Total of Experts	Total
<b>OCEANIA</b>									
Micronesia	Survey team members					10	10		
	Experts					2		2	12
Total for Oceania	Survey team members					10	10		
	Experts					2		2	12
Grand Total	Survey team members	119	21	57	63	70	330		
	Experts	53	10	9	11	46		129	459
	Total	172	31	66	74	116			

8. Development Cooperation Programme

(1) Total Number of Participants Accepted by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	1974	1975	1976	1977	Total
<b>ASIA</b>					
Indonesia	5	5	2		12
Malaysia	4	1			5
The Philippines	2	4			6
Thailand	3	10	15	15	43
<b>Total for Asia</b>	<b>14</b>	<b>20</b>	<b>17</b>	<b>15</b>	<b>66</b>
<b>OCEANIA</b>					
Papua New Guinea		1	1		2
<b>Total for Oceania</b>		<b>1</b>	<b>1</b>		<b>2</b>
<b>Grand Total</b>	<b>14</b>	<b>21</b>	<b>18</b>	<b>15</b>	<b>68</b>

(2) Total Number of Survey Team Members Dispatched by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	1974	1975	1976	1977	Total
<b>ASIA</b>					
Indonesia	4	27	24	19	74
Malaysia			2	9	11
The Philippines		18	19	38	75
Thailand	8		5		13
Vietnam			8		8
Unspecified	3	10	5	12	30
<b>Total for Asia</b>	<b>15</b>	<b>55</b>	<b>63</b>	<b>78</b>	<b>211</b>
<b>MIDDLE EAST</b>					
Egypt			4		4
<b>Total for Middle East</b>			<b>4</b>		<b>4</b>
<b>AFRICA</b>					
Madagascar		4			4
The Niger				10	10
Upper Volta		6			6
Unspecified		3		5	8
<b>Total for Africa</b>		<b>13</b>		<b>15</b>	<b>28</b>

Unit: Person

Region, Country, Organization	1974	1975	1976	1977	Total
<b>LATIN AMERICA</b>					
Argentina				6	6
Brazil	7	16	28	22	73
Chile			4	4	8
Colombia		7			7
Ecuador		5			5
Paraguay			2		2
Peru	6	14		7	27
Unspecified			3		3
<b>Total for Latin America</b>	<b>13</b>	<b>42</b>	<b>37</b>	<b>39</b>	<b>131</b>
<b>OCEANIA</b>					
New Hebrides				6	6
Papua New Guinea		9	15	3	27
Solomon		10	4		14
<b>Total for Oceania</b>		<b>19</b>	<b>19</b>	<b>9</b>	<b>47</b>
<b>Grand Total</b>	<b>28</b>	<b>129</b>	<b>123</b>	<b>141</b>	<b>421</b>

(3) Total Number of Exports Dispatched by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	1974	1975	1976	1977	Total
<b>ASIA</b>					
Indonesia		4	5		9
Malaysia			1		1
The Philippines			2		2
<b>Total for Asia</b>		<b>4</b>	<b>8</b>		<b>12</b>
<b>AFRICA</b>					
Zaire		2			2
<b>Total for Africa</b>		<b>2</b>			<b>2</b>
<b>LATIN AMERICA</b>					
Paraguay				1	1
<b>Total for Latin America</b>				<b>1</b>	<b>1</b>
<b>OCEANIA</b>					
Papua New Guinea		2			2
<b>Total for Oceania</b>		<b>2</b>			<b>2</b>
<b>Grand Total</b>		<b>8</b>	<b>8</b>	<b>1</b>	<b>17</b>
<b>Grand Total for Development Cooperation Programme</b>	<b>42</b>	<b>158</b>	<b>149</b>	<b>157</b>	<b>506</b>



9. Overseas Development Project Survey Programme

Total Number of Survey Team Members by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Bangladesh					10	10
Burma	20		10	1		31
India	19					19
Indonesia	96	18	9	30	45	198
Korea	14				11	25
Laos	12					12
Malaysia	7			23	11	41
Nepal	11				27	38
Pakistan	35				3	38
The Philippines	59	18	13	22	22	134
Sri Lanka	8			7	6	21
Thailand	53	20	7	1	12	93
Vietnam	8					8
Others	20					20
Unspecified	29	2	2	2		35
<b>Total for Asia</b>	<b>391</b>	<b>58</b>	<b>41</b>	<b>86</b>	<b>147</b>	<b>723</b>

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>MIDDLE EAST</b>						
Afghanistan	7					7
Algeria	5					5
Egypt				15	5	20
Iran	4				15	19
Iraq				8		8
Morocco	8					8
Oman					10	10
Saudi Arabia					11	11
Tunisia				6	12	18
Turkey	12					12
United Arab Emirates	9					9
Unspecified		2				2
<b>Total for Middle East</b>	<b>45</b>	<b>2</b>		<b>29</b>	<b>53</b>	<b>129</b>
<b>AFRICA</b>						
Ethiopia	6		6	9		21
Ghana	6					6
Ivory Coast	5					5
Kenya				11	10	21

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
Liberia		7	1		3	11
Madagascar	22	7				29
Malawi					11	11
Nigeria		6	1			7
Tanzania		10	10		10	30
Uganda					10	10
Unspecified	34	2	2	3	5	46
<b>Total for Africa</b>	<b>73</b>	<b>32</b>	<b>20</b>	<b>23</b>	<b>49</b>	<b>197</b>
<b>LATIN AMERICA</b>						
Argentina	6		11			17
Bolivia	6	9	1		3	19
Brazil	17		9	1		27
Chile	5		6			11
Colombia	25		7	8	1	41
Costa Rica					7	7
Ecuador	13	6	1			20
El Salvador				8	1	9
Guatemala	10			10	1	21
Mexico	6					6

Unit: Person

Region, Country, Organization	Total number for 1954 — 1973	1974	1975	1976	1977	Total
Paraguay	6					6
Peru	30	7	1		11	49
Venezuela	6					6
Unspecified	27	2	2			31
<b>Total for Latin America</b>	<b>157</b>	<b>24</b>	<b>38</b>	<b>27</b>	<b>24</b>	<b>270</b>
<b>OCEANIA</b>						
Papua New Guinea		18	19	24	5	66
<b>Total for Oceania</b>		<b>18</b>	<b>19</b>	<b>24</b>	<b>5</b>	<b>66</b>
<b>Grand Total</b>	<b>666</b>	<b>134</b>	<b>118</b>	<b>189</b>	<b>278</b>	<b>1,385</b>

## 10. Resources Development Basic Survey Programme

### Total Number of Survey Team Members Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region Country, Organization	Total number for 1970 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Burma	36	26	33			95
Indonesia	52		6	21	5	84
The Philippines	74	16	16	33	4	143
<b>Total for Asia</b>	<b>162</b>	<b>42</b>	<b>55</b>	<b>54</b>	<b>9</b>	<b>322</b>
<b>MIDDLE EAST</b>						
Morocco		9	12	28	4	53
The Sudan					15	15
Turkey	5	16	17	10	7	55
<b>Total for Middle East</b>	<b>5</b>	<b>25</b>	<b>29</b>	<b>38</b>	<b>26</b>	<b>123</b>
<b>AFRICA</b>						
Ethiopia	14	4				18
Unspecified					4	4
<b>Total for Africa</b>	<b>14</b>	<b>4</b>			<b>4</b>	<b>22</b>

Unit: Person

Region, Country, Organization	Total number for 1970 – 1973	1974	1975	1976	1977	Total
<b>LATIN AMERICA</b>						
Argentina					5	5
Bolivia				10	20	30
Chile			10	10	12	32
Guatemala				7	16	23
Honduras				1	27	28
Mexico			4	13	15	32
Peru	62	11	14	18	18	123
Unspecified				3		3
<b>Total for Latin America</b>	<b>62</b>	<b>11</b>	<b>28</b>	<b>62</b>	<b>113</b>	<b>276</b>
<b>Grand Total</b>	<b>243</b>	<b>82</b>	<b>112</b>	<b>154</b>	<b>152</b>	<b>743</b>

## 11. Overseas Physico-chemistry Education Programme

Total Number of Experts Dispatched by Region, Country and Year  
(As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1967 - 1973	1974	Total
<b>ASIA</b>			
Burma	1		1
Indonesia	7	2	9
Malaysia	4		4
Pakistan	2		2
The Philippines	2		2
Singapore	8	1	9
Sri Lanka	5	1	6
Thailand	11	2	13
Vietnam	2	1	3
Others	1		1
<b>Total for Asia</b>	<b>43</b>	<b>7</b>	<b>50</b>
<b>MIDDLE EAST</b>			
Iran	6	1	7
<b>Total for Middle East</b>	<b>6</b>	<b>1</b>	<b>7</b>

Unit: Person

---

Region, Country, Organization	Total number for 1967 - 1973	1974	Total
<b>AFRICA</b>			
Kenya	2		2
Uganda	1		1
<b>Total for Africa</b>	<b>3</b>		<b>3</b>
<b>Grand Total</b>	<b>52</b>	<b>8</b>	<b>60</b>

---



## 12. Japan Overseas Cooperation Volunteers Programme

### Total Number of Volunteers Dispatched by Region, Country and Year (As of March 31, 1978)

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>ASIA</b>						
Bangladesh	8	(1) 9	6	22	13	(1) 58
Cambodia	16					16
India	124	4		(1) 1	(2) 2	(3) 131
Laos	(1) 228	15	6	(1) 1		(2) 250
Malaysia	(2) 250	(1) 23	17	(2) 20	(1) 29	(6) 339
Nepal	51	22	(1) 31	21	18	(1) 143
The Philippines	272	(1) 33	(2) 32	(1) 26	22	(4) 385
<b>Total for Asia</b>	<b>(3) 949</b>	<b>(3) 106</b>	<b>(3) 92</b>	<b>(6) 91</b>	<b>(3) 84</b>	<b>(17) 1,322</b>
<b>MIDDLE EAST</b>						
Morocco	90	2	10	9	9	120
Syria	4	5	1	1	(1) 14	(1) 25
Tunisia			9	12	18	39
<b>Total for Middle East</b>	<b>94</b>	<b>7</b>	<b>20</b>	<b>22</b>	<b>(1) 41</b>	<b>(1) 184</b>

Unit: Person

Region, Country, Organization	Total number for 1954 - 1973	1974	1975	1976	1977	Total
<b>AFRICA</b>						
Ethiopia	46	17		12	4	79
Ghana					12	12
Kenya	(2) 129	(2) 15	31	(1) 22	(1) 20	(6) 217
Malawi	44	19	22	34	26	145
Tanzania	(1) 206	(2) 19	(1) 20	13	(1) 7	(5) 265
Zambia	37	9	15	13	23	97
<b>Total for Africa</b>	<b>(3) 462</b>	<b>(4) 79</b>	<b>(1) 88</b>	<b>(1) 94</b>	<b>(2) 92</b>	<b>(11) 815</b>
<b>LATIN AMERICA</b>						
Costa Rica		4	1	2	(2) 9	(2) 16
El Salvador	47	6	8	4	4	69
Honduras			2	2	6	10
Paraguay					3	3
<b>Total for Latin America</b>	<b>47</b>	<b>10</b>	<b>11</b>	<b>8</b>	<b>(2) 22</b>	<b>(2) 98</b>
<b>OCEANIA</b>						
Tonga	2		2	3	1	8
Western Samoa	5	6	3	10	8	32
<b>Total for Oceania</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>13</b>	<b>9</b>	<b>40</b>
<b>Grand Total</b>	<b>(6) 1,559</b>	<b>(7) 208</b>	<b>(4) 216</b>	<b>(6) 228</b>	<b>(8) 248</b>	<b>(31) 2,459</b>

### 13. Number of Emigrants by Country and Year

Unit: Person

Country	Total number for 1952 - 1973	1974	1975	1976	1977	Total
United States	100,264	2,930	2,485	2,684	2,328	110,691
Canada	7,377	643	434	347	268	9,069
Brazil	59,122	819	1,279	1,126	682	63,028
Paraguay	8,031	154	131	160	202	8,678
Argentina	2,814	283	611	333	315	4,356
Dominican Republic	1,337	13	4	7	4	1,365
Bolivia	2,035	36	59	77	49	2,256
Mexico	345	26	25	30	20	446
Peru	1,279	113	124	68	47	1,631
Australia	893	23	17	16	19	968
New Zealand	119	3	2	4	1	129
Others	4,474	488	987	819	436	7,204
<b>Total</b>	<b>188,090</b>	<b>5,531</b>	<b>6,158</b>	<b>5,671</b>	<b>4,371</b>	<b>209,821</b>

Notes: In the above table, years are calendar years; the numbers are these of passports issued to the emigrants plus the estimated family members travelling together; the numbers exclude the re-travel for permanent living and also the travel for short term servicing (agricultural trainee to the United States). But, from December 1970 onward, due to the enactment of the revised Passport Law, the statistics show the actual number including re-travellers for permanent living.

#### 14. Number of Emigrants Provided with Travelling Expenses by JICA

Unit: Person

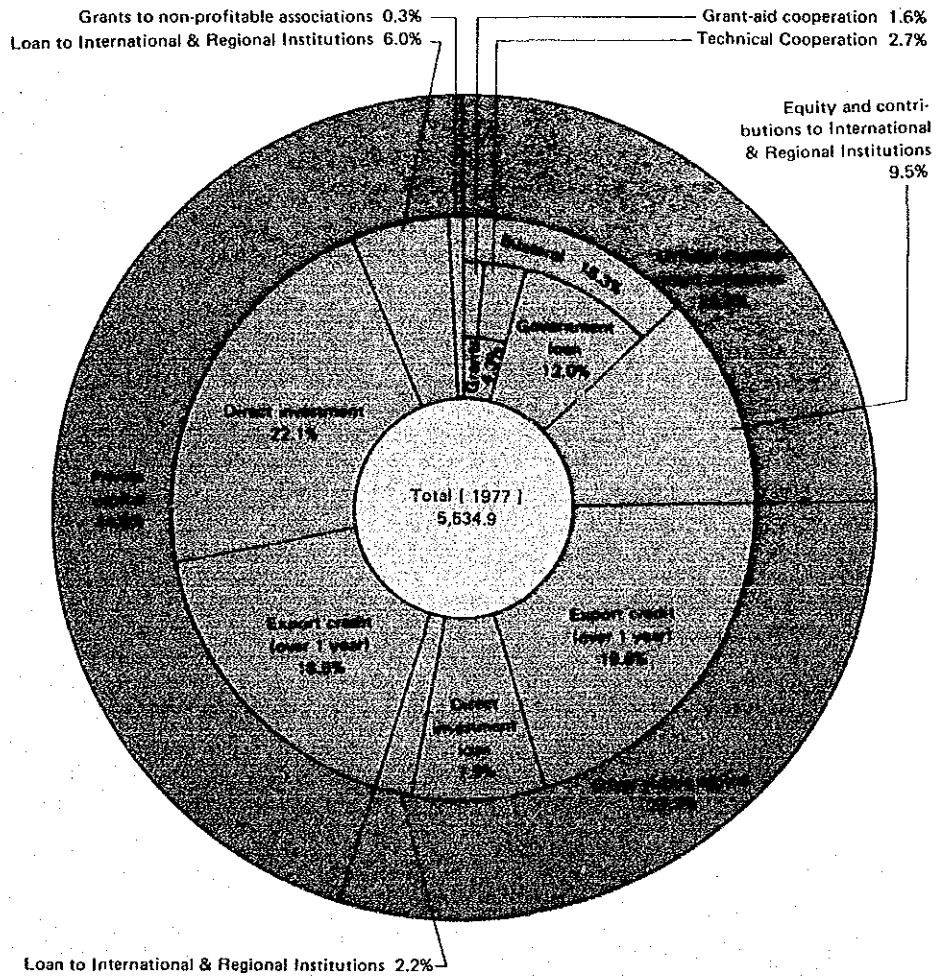
Country	Total number for 1952 -- 1973	1974	1975	1976	1977	Total
Brazil	50,994	210	285	300	251	52,040
Paraguay	6,693	35	72	48	89	6,937
Argentina	2,238	48	35	44	21	2,386
Dominican Republic	1,328					1,328
Bolivia	1,770	1	11	22	11	1,815
Venezuela	35					35
Colombia	49		1			50
Mexico	20					20
Chile	12					12
Peru	5					5
Uruguay	43					43
United States	388					388
<b>Total</b>	<b>63,575</b>	<b>294</b>	<b>404</b>	<b>414</b>	<b>372</b>	<b>65,069</b>

Notes: In the above table, the years are fiscal years, the travelling expenses were loaned from 1952 to 1965, and thereafter covered fully by JICA the Refugee Relief Act was applied to the emigrants to the United States; the Refugee Relief Act is a special law enacted by the United States government in 1953 to admit the entry into the United States of those people who were deprived of means of living during World War II on account of persecution or threat of persecution, natural disasters, or military actions.

### III. JAPAN'S ECONOMIC AND TECHNICAL COOPERATION WITH DEVELOPING COUNTRIES

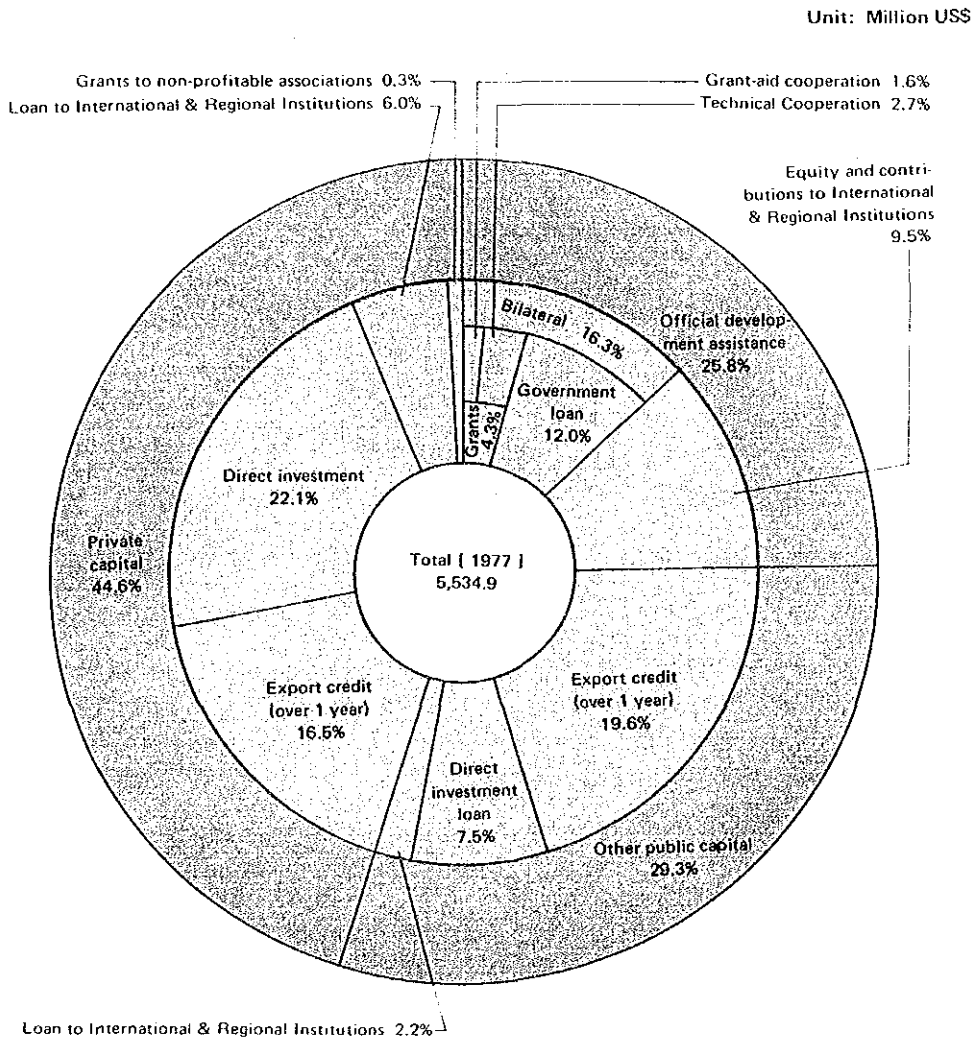
Fig. 1. Breakdown of Total Japanese Fund flow to Developing Countries in Calendar Year 1977

Unit: Million US\$



### III. JAPAN'S ECONOMIC AND TECHNICAL COOPERATION WITH DEVELOPING COUNTRIES

Fig. 1. Breakdown of Total Japanese Fund flow to Developing Countries in Calendar Year 1977



Japanese Fund for Developing Countries during 1975 – 1977

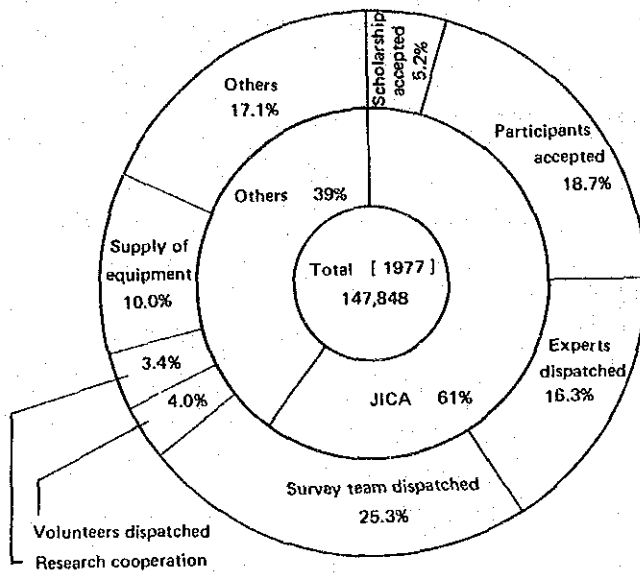
Unit: Million US\$

Item		Year		1975	%	1976	%	1977	%	
		1975	%							
Official Develop- ment Assistance	Bilateral	Grants		201.7	7.0	181.9	4.6	236.7	4.3	
		Grant aid cooperation		114.5	4.0	76.8	1.9	88.8	1.6	
		Technical cooperation (By JICA)		87.2	3.0	108.1	2.7	147.8	2.7	
		Government loan		(52.0)	(1.8)	(60.8)	(1.5)	(89.5)	(1.6)	
		Total		648.7	22.4	568.1	14.2	662.6	12.0	
			Total		850.4	29.4	753.0	18.8	899.3	16.3
		Equity and contributions to International & Regional Institutions		297.3	10.3	352.0	8.8	525.2	9.5	
	Total		1,147.7	39.7	1,104.9	27.6	1,424.4	25.8		
	% of the preceding year		101.9		96.3		128.9			
	% of GNP		0.23		0.20		0.21			
Other Public Capital	Export credit (over 1 year)		339.0	11.7	471.0	11.8	1,081.6	19.5		
	Direct investment loan		1,015.5	35.1	776.8	19.4	417.4	7.5		
	Loan to International & Regional Institutions		14.9	0.5	85.6	2.1	123.6	2.2		
	Total		1,369.5	47.4	1,333.4	33.3	1,622.6	29.3		
Private Capital	Export credit (over 1 year)		82.7	2.9	319.0	8.0	913.8	16.5		
	Direct investment (including equity and loan)		273.3	9.5	1,184.1	29.6	1,223.6	22.1		
	Loan to International & Regional Institutions		6.9	0.2	45.0	1.1	332.2	6.0		
	Grants to non-profitable associations		10.1	0.3	16.2	0.4	18.3	0.3		
	Total		372.9	12.9	1,564.3	39.1	2,487.9	44.9		
Grand Total			2,890.1	100.0	4,002.6	100.0	5,534.9	100.0		
	% of the preceding year		97.6		138.5		138.3			
	% of GNP		0.59		0.72		0.81			
	GNP (billion US\$)		4,903.5		5,544.4		6,838.5			
Reference	Export credit total		421.8	14.6	790.0	19.7	1,995.4	36.1		
	Direct investment total		1,288.8	44.6	1,960.9	49.0	1,641.0	29.6		

(Sub-items may not add up because of rounding.)

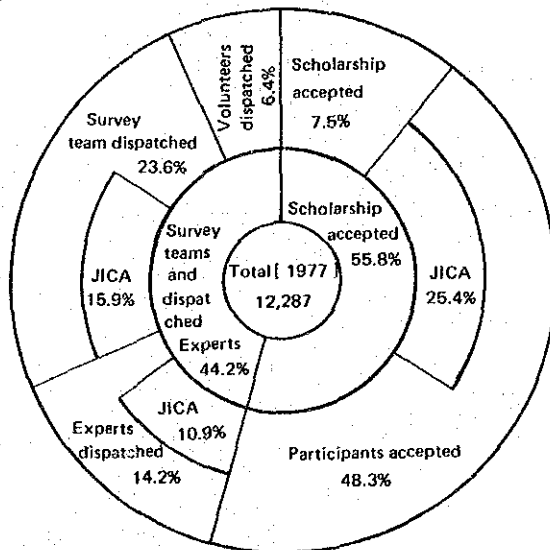
- Notes:
1. This table is based on a report submitted to the OECD, Secretariat.
  2. The amount shown in this table is the net expenditure, having subtracted the loan re-payment receipts.
  3. GNP in 1977 is provisional, prior to the final compilation.
  4. Under the column of "Reference", export credit total is the total by government and private capital for export credit (over 1 year). Similarly, direct investment total is the total by direct investment loan and direct investment.

**Fig. 2. Expenditure of Technical Cooperation by Programme (1977)**



Basis: DAC  
Unit: Thousand US\$

**Fig. 3. Performance of Technical Cooperation by Programme (1977)**



Basis: DAC  
Unit: Person





Japan International Cooperation Agency Annual Report 1978

---

昭和54年9月30日 発行◎

定価 2,500円

編集・監修 国際協力事業団

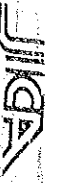
発行 財団法人 国際協力サービス・センター

東京都新宿区西新宿2丁目1番  
新宿三井ビル内 私書箱216号  
〒160 (346)5394

---

落丁・乱丁本はお取替えいたします。

印刷 十美江印刷



JAPAN INTERNATIONAL COOPERATION AGENCY

annual report