

STATISTICS ON CUMULATIVE EXPENDITURE OF JICA TECHNICAL COOPERATION  
BY PROJECT IN THE REPUBLIC OF MALAYSIA

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STATISTICS ON CUMULATIVE EXPENDITURE OF JICA TECHNICAL COOPERATION  
BY PROJECT IN THE REPUBLIC OF MALAYSIA

- (NOTES) (1) The data herein describe the cumulative expenditure for JICA Technical Cooperation made in the Republic of Malaysia as well as its breakdown by activity, project, and type of cooperation starting from the fiscal year in which JICA's technical cooperation was initiated for that country to fiscal year 1987.
- (2) The compiled data has been based on both the "JICA Economic and Technical Cooperation Performance by Country (as of the end of fiscal year 1985", and actual performance for fiscal 1987, etc.
- (3) In the rearrangement of the budgetary accounts, some differences in the statistical compilation procedures for each project before and after fiscal 1981, etc. have resulted in deviations to some extent between the cumulative amount of each project as of the end of fiscal 1987 described in "JICA Economic and Technical Cooperation Performance" (Reference Data No. 107) and the data contained in this document.
- (4) Various codes and symbols used herein are further described in the attachment immediately following this page.

(Reference Data)

- . Table of JICA Activities Performance (as of March 31, 1988: Reference Data No. 107)
- . Table of JICA Performance by Project (Reference Data Nos. 74, 77, 78, 84, 94, and 108)
- . JICA Economic and Technical Cooperation Performance by Country (First Volume, Fiscal 1954 - 1985)

December 1988

Information and Statistics Division, General Affairs Department

#### Description of Codes and Symbols Used in This Document

- Performance of grant aid assistance (such as reparations, etc.)
- Experts dispatched for project technical cooperation, such as the Technical Cooperation Center Programme, whose expenses were covered by the Expert Dispatch Programme of JICA.
- ... Unidentifiable
- ) Cost allocation of the actual total amount spent on surveys, etc., conducted on a plural number of countries simultaneously through simple averaging of the total
- ( ) The number of survey team personnel who conducted surveys on two or more projects at one time in a country, or the expenses incurred on such an occasion
- + ( ) Participating personnel from the locality
- f ( ) Foreign Ministry personnel who went on the trip
- (A) The number of experts covered by the funds for dispatching university teaching staff, and the amount of expenses thus incurred
- (B) Expense for preparing the implementation programmes
- (C) Expenses incurred for technical matters
- (D) Expenses for preparing reports
- (E) Expenses incurred in the on-site operations
- (F) Compensatory payments to personnel who forfeited salaries and wages from the employers by participating in the surveys, etc.
- (G) Expenses incurred from transporting the equipment
- (H) Expenses for providing equipment on case-by-case basis
- (I) Aftercare survey
- (J) Special project survey
- (K) Project research survey
- (L) Project formulation basic survey
- (M) Aid evaluation survey
- (N) Survey by Overseas Development Plan Survey Team
- (O) Survey by Basic Resources Development Cooperation Survey Team

(NATION) Malaysia

P.1  
(Unit: 1,000 yen)

Name of programme or item	Fiscal year	Trainees	Experts	Survey team	Volunteers	Equipment Supply	Other	Total
(Training Programme for Overseas Trainees)	-1983	2,846,824		20,588				2,867,412
	1984	708,417		6,883				715,300
	1985	912,836		5,500				918,336
	1986	778,940		13,701				792,641
	1987	987,862		10,373				998,235
	Cumulative Total	6,234,879		57,045				6,291,924
(Total for Trainee Acceptance Projects)		(6,234,879)		(57,045)				(6,291,924)
(Expert Dispatch Programme)	-1983		1,985,075			185,479		2,170,554
	1984		391,735			40,178		431,913
	1985		383,083			29,414		412,497
	1986		299,448	460		28,254		328,162
	1987		356,587	1,611		59,029		417,227
	Cumulative Total		3,415,928	2,071		342,354		3,760,353
(Total for Projects Requiring the Dispatch of Technical Advisers)			(3,415,928)	(2,071)		(342,354)		(3,760,353)
(Equipment Supply Programme)	-1983			7,017		245,058		252,075
	1984			866		11,789		12,655
	1985			923		83,589		84,512
	1986			6,476		76,627		83,103
	1987			2,175		56,908		59,083
	Cumulative Total			17,457		473,971		491,428
(Total for Equipment Supply Programme)				(17,457)		(473,971)		(491,428)

Name of programme or item	Fiscal year	Trainees	Experts	Survey team	Volunteers	Equipment Supply	Other	Total
(Youth Invitation Programme)	-1983							
	1984	188,310		3,345			18,785	210,440
	1985	189,016		5,026			13,695	207,737
	1986	187,746		4,082			16,204	208,032
	1987	180,352		4,938			14,769	200,059
	Cumulative Total	745,424		17,391			63,453	826,268
(Total for youth invitation programme)		(710,552)		(16,379)			(63,453)	(826,268)
(Public Welfare Programme for Exports)	-1983			1,366			65,629	66,995
	1984						15,396	15,396
	1985						12,145	12,145
	1986						17,520	17,520
	1987			358			16,587	16,945
	Cumulative Total			7,724			127,277	129,001
(Total for Public Welfare Programme for Exports)				(1,724)			(127,277)	(129,001)
(Programme for Recruiting and Training Experts)	-1983			9,355			207,064	216,419
	1984						45,682	45,682
	1985			400			35,661	36,061
	1986			2,227			51,538	53,765
	1987						54,894	54,894
	Cumulative Total			11,982			394,839	406,821
(Total for Programme for Training and Retaining Exports)				(11,982)			(394,839)	(406,821)
(Volunteer Dispatch Programme)	-1983			14,720	2,528,049	166,907		2,709,676
	1984			1,761	318,089	10,819		330,669
	1985			1,109	347,304	14,376		362,789
	1986			3,340	334,132	49,052		386,524
	1987			2,962	357,851	30,526		391,339
	Cumulative Total			23,892	3,885,425	271,680		4,180,997
(Total for Volunteer Dispatch Programme)				(23,892)	(3,885,425)	(271,680)		(4,180,997)

Project name	Summary	Fiscal year	Survey teams			Experts		Equipment supply		Grand total of expenditures (1,000 yen)		
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts	Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)	
				On-going	New							
The Marine Engineering Training Project at Ungku Omar Politechnic  Type of Agreement: Agreement  Date Signed: 12.3, 1973  Cooperation Term: (Initial) 12.3, 1973 - 12.2, 1977  (Extension) 12.3, 1977 - 6.2, 1980  (Follow-up) 6.3, 1980 - 6.2, 1982	The government of Japan was asked by the government of Malaysia in June, 1971, to render technical aid for carrying out a marine engineering training project. The purpose of the project was to train engineers, who are already qualified by the Malaysian government as marine engineers, to work for ocean-going liners. The governments of Japan and Malaysia signed the project agreement in December, 1973. To help the Marine Engineering Training Project embodied at Ungku Omar Politechnic in July, 1972, Japan started project-type technical aid through expert dispatch, acceptance of trainees and supply of equipment. The agreement was effective until December 2nd, 1977, then it was extended to June 2, 1980. But for four years after that, experts were sent independently of the terms of the agreement. In July, 1985, a post-survey team was sent to see how the project in question worked out and if there were any problems so that any future project could be improved. Another objective of the team was to study how project-type technical aid should be performed and how effectively it can be carried out in the future. As stated above, though the original project ended in December 2nd, 1977, the project type technical aid was continued for three and	1971	Preliminary survey	3.22, 1972 - 4.15 1972	*4	...				...		
		1972	Field survey		5	1,892		*2	...		1,892	
		1973				528						
		"						*2 Change (2)	3	9,553	742	10,823
		1974	Itinerant technical advisory survey	9.17, 1974 - 5.11, 1974	(2)	(400)	5	-	26,760		126,395	(400) 153,155
		1975	Itinerant technical advisory survey	5.11, 1975 - 5.24, 1975	(2)	(687)	5	3	41,583		48,304	(687) 89,887
		1976				64						60,787
		"	Equipment repair	2.1, 1987 - 2.10, 1987	2	1,450	7	3	46,098		13,175	

Project name	Summary	Fiscal year	Survey teams			Experts			Equipment supply		Grand total of expenditures (1,000 yen)																	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)																
							On-going	New																				
	<p>a half years and a year passed after the completion of the follow-up programme by experts dispatched. Another after-care survey team was sent in June, 1986. It was assigned to assist in supply of extra equipment items.</p> <p>[Number of counterparts accepted]</p> <table border="1"> <tr> <td>Fiscal year</td> <td>'75</td> <td>'76</td> <td>'77</td> <td>'78</td> <td>'79</td> </tr> <tr> <td>No.</td> <td>4</td> <td>7</td> <td>4</td> <td>4</td> <td>0</td> </tr> </table> <table border="1"> <tr> <td>Fiscal year</td> <td>'82</td> </tr> <tr> <td>No.</td> <td>0</td> </tr> </table>	Fiscal year	'75	'76	'77	'78	'79	No.	4	7	4	4	0	Fiscal year	'82	No.	0	1987	Evaluation	8.31, 1987 - 9.18, 1987	4	2,907	5	10	53,563		14,496	70,966
		Fiscal year	'75	'76	'77	'78	'79																					
		No.	4	7	4	4	0																					
		Fiscal year	'82																									
		No.	0																									
		1978					(B)2	5	3	38,733		(G) 771	39,506															
		1979						4	-	34,392		(G) 414	34,806															
		1980					(B)60	4	3	32,415	Automatic control training device	(G) 146 4,710	37,331															
		1981						2	-	18,488	Spare parts for diesel engines and others	4,354	22,842															
1982						2	-	3,485			3,485																	
1985		Post survey	7.14, 1985 - 7.20, 1985	3	1,728	-	-	152			1,880																	
1986		(I)	6.25, 1986 - 7.1, 1986	3	1,840	-	-	137	Engine parts	6,096	8,073																	
1987						-	2	3,669	Engine parts; CO <sub>2</sub> gas analyzer	11,047	14,716																	





Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)								
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)							
							On-going	New											
	In March, 1981, an after-care survey team was sent to meet the requirements for new supply of repair parts and new items for the measuring instruments and experimental equipment provided to the Malaysian government. They investigated the status of the equipment in use.	1981				(D) 119				10,251	10,370								
	[Number of counterparts accepted]	Cumulative total				6,566			30,470	89,229	126,265								
	<table border="1"> <tr> <td>Fiscal year</td> <td>'73</td> <td>'74</td> <td>'75</td> </tr> <tr> <td>No.</td> <td>1</td> <td>2</td> <td>4</td> </tr> </table>	Fiscal year	'73	'74	'75	No.	1	2	4	1/	The team made a tour of the Slaweshi Vocational Training Center Indonesia, the MARA Vocational Training Institute, Malaysia, and the Marine Engineering Training Programme Center for giving technical advice. See data on Asia nations in general. Expenses were one third.								
Fiscal year	'73	'74	'75																
No.	1	2	4																

Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Names of major equipment items	Expenditures (1,000 yen)		
							On-going	New				
<p>MARA Vocational Training Institute, Johore Bahru</p> <p>Type of agreement: R/D</p> <p>Date signed: 9.14, 1976</p> <p>Cooperation term: (Initial) 9.14, 1976 - 9.13, 1980 (Extension) 9.14, 1980 - 9.13, 1981</p>	<p>In February, 1976, a preliminary survey team was sent to comply with the request for technical cooperation to MARA, which was established to develop manpower resources among Malaysians, provide employment opportunities for them and lessen income gaps among them. The necessity and validity of the technical cooperation were investigated. The preliminary surveys revealed that the project was indispensable for the economical growth of Malaysia, especially the training of skilled laborers and that it is suitable as one of the technical cooperation programmes through use of our center. Thus, in August, 1976, the implementation team discussed with the Malaysian authorities the details of our cooperation and of concrete cooperation plans. What was discussed was all written down in the discussion proceeding (R/D) and signed.</p> <p>The details included implementation lasting four years from September 14, 1976, regarding three courses: (1) vessel and engine; (2) welding (shipbuilding); (3) electroplating. The evaluation team was sent a year before completion in July 1980, of the cooperation programme. It was found that the initial goals were reached as far as the vessel and engine courses and the welding</p>	1975	Preliminary survey	2.16, 1976 - 3.4, 1976	4	2,815					2,815	
		1976	Field survey	8.30, 1976 - 9.16, 1976	4	2,936						2,963
		1977				22	-	4	12,874		90,214	103,110
		1978				44	3	1	31,405		29,404	60,851
		1979	Itinerant technical advisory survey	11.8, 1979 - 11.30, 1979	2	3,422	4	4	37,869		47,541	88,832
		1980					4	3	25,303		(G)1,586	26,889
		1981					36	1	-	4,963	Motor (G) 375 4,708	10,082
		1983	(I)	6.13, 1983 - 6.25, 1983	3	2,929	-	2	2,806	Arc welder for hydraulic rudder; portable PH meter and others	19,827	25,562
		Cumulative total					12,231			115,218	193,655	321,104







Project name	Summary	Fiscal year	Survey teams			Experts			Equipment supply		Grand total of expenditures (1,000 yen)																			
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items																				
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Fiscal year	'78	'79	'80	'81	'82																									
No.	6	6	6	6	7																									
Fiscal year	'83	'84																												
No.	3	3																												
Project on the National Metrology Laboratory	The Malaysian government established the National Metrology Laboratory in order to strengthen the basis of industrialization, thereby contributing to the growth of its industries by guaranteeing the accuracy of metrologies through the realization of meterage programmes. In answer to their request, the Japanese government signed the R/D in December, 1981, to assist in their programme implementation. Implementation of the project was made as follows: For items such as mass, length, volume, temperature and electricity, (1) a standard supply system was established, (2) levels and measuring instruments were completed and (3) engineers who can measure and calibrate were trained. In fiscal 1982, two experts were sent for a long stay, major standard measuring	1981	Preliminary survey	7.13, 1981 - 8.1, 1981	5	3,727						7,454																		
Type, of agreement: R/D		"	Deliberation for implementation	12.6, 1981 - 12.20, 1981	5	3,727																								
Date Signed: 12.17, 1981 Cooperation term: (Initial) 12.17, 1981 - 12.16, 1985		1982	Mutual consultation (survey)	3.6, 1983-3.20, 1983	4	6,000 (D) 268	-	5	33,386	Gauge blocks, portable flow meter testing equipment and other	94,155	133,809																		



Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)			
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Names of major equipment items	Expenditures (1,000 yen)				
							On-going	New						
Cooperating Organization in Malaysia: Ministry of Science and Technology and Environment	instruments were supplied and three trainees were accepted. Thus full-scale cooperation was started.	1983				(D) 193 (B) 11,734	4	5	39,666	Tape measure benches piston pull pars, and LPG dispenser testing machines	(G) 2,339 67,320	121,252		
	In fiscal 1983, the same persons sent a year earlier were again sent and an expert in electricity standard was sent for a long stay, together with four experts on short stay. Piston pull pars and LPG dispenser testing machines were supplied.	1984	Itinerant technical advisory survey	6.20, 1984 - 6.30, 1984	3	5,533	3	8	63,351	Levels and measuring instruments	(G) 3,587 93,256	165,727		
	In fiscal 1984, 12 experts were sent and the leader were replaced, while an expert in electrical mass standards was sent for a long stay, together with six short-stay experts. Three-dimensional measuring instruments and He-Ne interferometers were supplied.	"	"	2.27, 1985 - 3.6, 1985	1									
	In September 1985, an evaluation team was sent to make an investigation and evaluation of the projects. It was confirmed that the projects were going smoothly.	1985	Evaluation	9.28, 1985 - 10.6, 1985	5	3,135	5	7	54,377	Universal counters, He-Ne interferometers and others	(G) 2,114 56,431	116,057		
	A 2.5-month follow-up was performed in order to teach how to install the equipment items, some of which were not supplied in time for the end of the cooperation term. In February 1986, the cooperation ended.	Cumulative total										34,317	190,780	319,202





Project name	Summary	Fiscal year	Survey teams				Experts		Expenditures (1,000 yen)	Equipment supply		Grand total of expenditures (1,000 yen)
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts			Names of major equipment items	Expenditures (1,000 yen)	
							On-going	New				
Cooperating Organization in Malaysia: Manpower Resource Department, Ministry of Labor and Manpower Resource	to discuss grant aid assistance for the building and facilities for the CIAST to be built in Sha Alam. In August of the same year, the draft explanation mission was sent and agreement was reached on grant aid assistance. In view of the April preliminary surveys, a technical cooperation consultation team was sent and both governments signed the R/D on August 20, 1982. In November 30, 1982, exchange documents regarding the grant aid assistance were signed. Thus, the grant and assistance and the technical cooperation were jointly and comprehensively carried out.	1983	Mutual consultation (survey)	4.9, 1984 - 4.19, 1984	3	2,299	-	8	49,803	Copiers, Printing machines, and office supplies	(G) 2,787 9,974	64,863
		1984	Itinerant technical advisory survey	2.11, 1985 - 2.17, 1985	4	2,222	5	10	194,312	Sets of OHP, floppy disks, transmission and other	(G) 12,905 7,077	216,516
		1985	Itinerant technical advisory survey	2.12, 1986 - 2.22, 1986	4	3,792	14	7	254,096		(G) 6,102 21,054	285,044
Cooperating organization in Japan: Vocational training Bureau, Ministry of Labor	According to the projects, our grant aid assistance was used to build training rooms, classrooms, dormitories, etc., under the project-type technical cooperation programmes. The building site was at Sha Alam, 20 kilometers from Kuala Lumpur. In the above facilities, the following cooperation was to be made for strengthening and increasing cooperation within ASEAN through vocational training and the promotion of advanced skill training: 1) Instruction skill and training of vocational training instructors	1986	Mutual consultation (survey)	11.18, 1986 - 11.26, 1986	5	3,584	15	10	241,519	High performance transistor ignition devices	58,378	303,481
		1987	Evaluation	7.7, 1987 - 7.16, 1987	5	5,241	15	12	209,779	Second-hand cars and other	85,537	300,557

Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)														
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Names of major equipment items	Expenditures (1,000 yen)															
							On-going	New																	
	<p>2) Supervisory skill training for vocational training instructors, supervisors and skilled laborers</p> <p>3) Advanced skill training of vocational training instructors, supervisors and skilled laborers for the following items:            (1) cars; (2) machine tools and molds; (3) heavy engineering;            (4) electrical and electronics;            (5) instrumental and automatic control; and            (6) metal machining.</p> <p>In 1984, the first three courses, covering instruction methods, supervisory methods and cars were started and by February of 1986 all courses were started, including metal mold and rubber making method courses.</p> <p>In addition, the evaluation survey team sent in July, 1987 discovered that the technology transfer envisioned at the initial stage of the project had been almost completed. Yet it came to a conclusion that about a 2.5-year extension would be required to redevelop new modules suited to industrial needs.</p> <p>[Number of counterparts accepted]</p> <table border="1"> <thead> <tr> <th>Fiscal year</th> <th>'82</th> <th>'83</th> <th>'84</th> <th>'85</th> <th>'86</th> <th>'87</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>9</td> <td>11</td> <td>9</td> <td>8</td> <td>8</td> <td>8</td> </tr> </tbody> </table>	Fiscal year	'82	'83	'84	'85	'86	'87	No.	9	11	9	8	8	8	Cumulative total				38,099			951,923	208,646	1,198,668
Fiscal year	'82	'83	'84	'85	'86	'87																			
No.	9	11	9	8	8	8																			





Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply	Grand total of expenditures (1,000 yen)										
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)									
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	<table border="1"> <thead> <tr> <th>Fiscal year</th> <th>'84</th> <th>'85</th> <th>'86</th> <th>'87</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>0</td> <td>5</td> <td>3</td> <td>4</td> </tr> </tbody> </table>	Fiscal year	'84	'85	'86	'87	No.	0	5	3	4										
Fiscal year	'84	'85	'86	'87																	
No.	0	5	3	4																	
Japan-ASEAN Science and Technology Cooperation	Preliminary surveys were made about the concrete contents of the co-operation in material science in Malaysia.	1985	Pre-liminary survey	8.18, 1986 - 8.22, 1986	4	2,130			-		-	2,130									
		1986					-		600		247	847									
		Cumulative total					2,130		600		247	2,977									
Itinerant Technical Advisory Survey	(Indonesia, Malaysia)	1974	Itinerant technical advisory survey	9.17, 1974 - 10.6, 1974	(3)	(600)						(600)									
Itinerant Technical Advisory Survey	(Malaysia, Thailand)	1975	Itinerant technical advisory survey	5.11, 1975 - 5.24, 1975	(3)	(687)						(687)									





Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)		
							On-going	New					
Medical Teams Type of agreement: R/D Date signed: 2.24, 1967 Cooperation term: 4, 1966 - 3, 1968 Cooperating organization in Japan: The Japan Red Cross Society, Toyama University	It was decided that medical teams would be sent to help flood victims in Malaysia during the period from the end of 1966 to early 1967. In February, 1967, an implementation survey team was sent and the R/D to send seven members from Japan for three months was signed.  As a result, for three months from June 1967, a medical team consisting of doctors, nurses, and X-ray engineers was sent for medical assistance, and medical supplies and equipment were provided.	1966	Field survey	2.12, 1967 - 2.26, 1967	-	1,842				Medical supplies	988	2,830	
		1967						-	-	...	Medical supplies	4,470	4,470
		Cumulative total					1,842					5,458	7,300
General Hospital Type of agreement: None	One expert in charge of stomach camera diagnosis and another in charge of brain surgery were sent to seven general hospitals in Malaysian prefectures for medical advice on tour. Such supplies as gastrocameras and ultrasonic diagnostic equipment were provided.  In March, 1970, a preliminary survey team for medical cooperation was sent to see the effect of the project and had talks about further cooperation possibilities.	1967						-	2	...	Gastro-cameras and ultrasonic diagnostic equipment	3,518	3,518
		1969	Contact mission	3.1, 1970 - 3.17, 1970	4	1,730							1,730
		Cumulative total					1,730					3,518	5,248







Project name	Summary	Fiscal year	Survey teams			Experts			Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		
							On-going	New				
The Japan Red Cross Society		1978								Ambulance	9,780	9,780
Health Ministry		1979								Blood pumps and dialytic liquid supply devices	11,328	11,328
Phsein National Eye Doctor's		1985								Eye microscope	20,399	20,399
	(Total of Health and Medicine Cooperation Programmes)					(3,572)			(8,299)		(50,488)	(62,359)





Project name	Summary	Fiscal year	Survey teams			Experts			Equipment supply		Grand total of expenditures (1,000 yen)		
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items			
						On-going	New						
<p>Agriculture Mechanization Cooperation</p> <p>Type of Agreement: Agreement</p> <p>Date signed: 12.29, 1970</p> <p>Cooperation term:</p> <p>(Initial) 12, 1970 - 12, 1973</p> <p>(Extension) 12, 1973 - 12, 1975</p>	<p>The Malaysian government established the first 5-year economical plan and the second 5-year plan in which it aimed to increase the rice self-sufficiency rate and modernize agricultural production. It asked the Japanese government to provide cooperation for completion of irrigation facilities and mechanization of agriculture. Agreements with the Malaysian government for close cooperation in rice crop on-the-spot application tests of farm machinery were concluded in 1970 and extended until 1975, with the exact term of the agreements totaling five years and nine months. The rice crop mechanizing training and on-the-spot application tests of farm machinery were extended to farm advisors, agricultural college graduates and farmers selected from nearby farm-houses in the agricultural mechanization training center at Bullbonlima adjoining the areas where the semiannual crop of rice paddies, most needed, would be expected to appear.</p> <p>In fiscal 1975, the evaluation surveys were made to find whether the projects had been carried out in accordance with the agreements by looking back upon the past after implementation of the agreements or to evaluate how the agreements</p>	1967	Pre-liminary survey	9.4, 1967 - 11.24, 1967	(11)	(22,078)					(22,078)		
		1968	Field survey	6.24, 1968 - 7.23, 1968	5	(B) 77 3,276						3,353	
		1969										0	
		1970					(B) 237	2	1,309		79,703	81,249	
		1971					(B) 95	2	11,051		4,694	15,840	
		1972	Itinerant technical advisory survey	8.22, 1972 - 9.5, 1972	3	(B) 231 1,392	2		10,679		11,406	23,708	
		1973	Evaluation (Survey)	8.12, 1973 - 9.1, 1973	4	(B) 279 1,686	1		12,416		8,375	22,756	
		1974					(B) 56	1	1	8,172		10,223	18,451
		1975	Evaluation (Survey)	9.28, 1975 - 10.30, 1975	4	(B) 170 4,870	1		7,173		12,639	24,852	
		1976									5,173	5,173	







Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)
							On-going	New				
	<p>and performed preliminary surveys in fiscal 1975 about the possibility of Japanese agricultural technology cooperation. Moreover, in fiscal 1976, a survey team was sent to implement the project and R/D was signed. Finally, the cooperation started. The purpose of the project was to complete irrigation facilities in each farm-house as needed to spread the semiannual crop cultivation in order to increase rice production and train water management staff. The following steps were taken to make it possible:</p> <p>(1) The training center and the demonstration farm (4 ha) related to the center were made to form water management basic technology and train water management staff.</p> <p>(2) The pilot farm (20 ha x 4 places) was made to give guidance and advice on the spread of the water management technology among farmers.</p> <p>In fiscal 1983, the entire facilities of the training center were completed to put training into full-scale practice. The follow-up cooperation was started in September 1984; the goals were reached as scheduled; the project ended on March 31, 1986.</p>	1978	Itinerant technical advisory survey	10.24, 1978 - 11.3, 1978 2.1, 1979 - 2.16, 1979	(5)	1/ (1,469)						
		1979				(D) (361)						
		"	Itinerant technical advisory survey	10.18, 1979 - 11.4, 1979	(5)	2/ (1,803)						(2,164) 73,359
		"				(B) 172	7	1	38,859	Agricultural machines, Equipment and supplies for rice paddies	(G)1,290 33,038	
		1980	Itinerant technical advisory survey	10.13, 1980 - 11.1, 1980	(6)	3/ (2,331)	4	6	40,668	Agricultural machines, Audio-visual supplies	(G)1,783 10,087	(2,331) 52,538
1981	Mutual consultation (Survey)	3.3, 1982 - 3.16, 1982	4	2,523	7	1	47,939	Agricultural machines, Educational equipment and supplies	(G)1,834 27,370	79,666		

Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)																						
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)																							
							On-going	New																										
	{Number of counterparts accepted}  <table border="1"> <tr> <td>Fiscal year</td> <td>'77</td> <td>'78</td> <td>'79</td> <td>'80</td> <td>'81</td> </tr> <tr> <td>No.</td> <td>4</td> <td></td> <td>3</td> <td>2</td> <td>1</td> </tr> </table> <table border="1"> <tr> <td>Fiscal year</td> <td>'82</td> <td>'83</td> <td>'84</td> <td>'85</td> </tr> <tr> <td>No.</td> <td>2</td> <td>2</td> <td>2</td> <td>3</td> </tr> </table>	Fiscal year	'77	'78	'79	'80	'81	No.	4		3	2	1	Fiscal year	'82	'83	'84	'85	No.	2	2	2	3	1982	Evaluation (Survey)	6.8, 1982 - 6.25, 1982	5	7,466	6	5	59,631	Agricultural machines, Agricultural chemicals, Physical and chemical appliances and vehicles	(G) 13,810, 24,654	9,651
		Fiscal year	'77	'78	'79	'80	'81																											
		No.	4		3	2	1																											
		Fiscal year	'82	'83	'84	'85																												
		No.	2	2	2	3																												
1983	Itinerant technical advisory survey	7.11, 1983 - 7.25, 1983	3	2,521	5	4	66,759	Researching, measuring and analyzing instruments, and agricultural machines	(G) 3,311, 34,880	107,471																								
1984	Evaluation (Survey)	6.14, 1984 - 6.29, 1985	4	8,823	5	4	57,185	Rice seedling planters, thrashers, meteorological observation equipment and other	(G) 1,850, 35,394	103,252																								
1985	(Preparation of reports on the above)			2,121	2	4	38,630	Agricultural chemicals, Spare parts and vehicles	(G) 1,898, 16,540	59,189																								
1986	-	-	-	-	303	-	-	2,778	Transportation cost carried over	2,038	5,119																							

Project name	Summary	Fiscal year	Survey teams			Experts		Equipment supply		Grand total of expenditures (1,000 yen)		
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts	Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)	
		Cumulative total										
Forest Products Research Project  Type of Agreement: R/D  Date signed: 3.25, 1985  Cooperation term: (Initial) 4.1, 1985 - 3.31, 1990  Acceptance organization in Malaysia: Forestry Experiment Station, First Ministry of Agriculture  Cooperating Organization in Japan: Forestry Agency, Ministry of Agriculture and Forestry	The Malaysian government included in its fourth economical society development plan, which lasted five years, the promotion of effective use of timber to secure forest products. The reason was that their forest products research was yet to be made. Thus, they asked the Japanese government to provide cooperation in terms of forest products research in the Malaysian Forestry Laboratory. Japan consulted with them about the method of cooperation on the Japanese side. Because of problems about the rights of research results, which had to be owned by them or by Japan, the R/D was not signed before April 1, 1985. During the years, talks had been held to find an agreement. In January 1985, the contact team was sent; between February and March of the same year, a long-term survey team and an implementation discussion team were sent. The R/D was signed on April 1, 1985, the contents of which would last five years. Activities to strengthen the forest products research department of the above laboratory were stated.	1980	Pre-liminary survey	12.7, 1980 - 12.25, 1980	5	(B) 21 3,804					3,825	
		1981	(Preparation of reports on the above)				(D) 204					3,645
		"	Deliberation for implementation (Survey)	8.11, 1981, 8.25, 1981	5	3,441						
		1984	Mutual consultation (Survey)	1.21, 1985 - 1.31, 1985	4	8,353	7	6	2,457		(G) 171	10,981
		1985	Mutual consultation (Survey)	4.2, 1986 - 4.11, 1986	4	2,673	0	4	24,965	Equipment items for timber collection, analyzers and other	(G) 2,380 15,200	45,218
		Cumulative total				61,154		447,452		335,347	843,953	



Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)	
							On-going	New				
Development Project of the Faculty of Fisheries & Marine Science, University of Pertanian Malaysia  Type of agreement: R/D  Date signed: 8.29, 1984  Cooperation term: (Initial) 10.1, 1984 - 9.30, 1989  Cooperating Organization in Malaysia: The Faculty of Fisheries & Marine Science, University of Pertanian Malaysia	One of the important national policies of the Malaysian government is the strengthening of fisheries and marine science as well as promotion of the economic power of fishermen.	1983	Pre-liminary survey	8.13, 1983 - 8.23, 1983	5	4,801						4,801
	The Faculty of Fisheries and Marine Science, University of Pertanian Malaysia, was first found in 1979 as an advanced educational organization in forestry and fishery fields. To increase the technical levels of professors and researchers, the Malaysian government made a request for cooperation from Japan, which is ahead of other nations in terms of research in marine science. In August 1984, the R/D was signed and cooperation was started in October, 1984.	1984	Deliberation for implementation (Survey)	8.16, 1984 - 8.31, 1984	5	5,704	0	6	24,172	Practice ships, tanks for culturing seeds and seedlings, and vehicles.	(G)2,185 23,874	55,935
		1985	Mutual consultation (Survey)	6.25, 1985 - 7.4, 1985	4	14,588	4	6	68,845	Small vessels, high speed chromatographs and other	(G)3,325 98,918	185,676
		1986	Itinerant technical advisory survey	7.10, 1986 - 7.24, 1986	3	3,855	5	13	71,928	Personal computers, etc.	86,896	162,679
		1987	Itinerant technical advisory survey	11.10, 1987 - 11.21, 1987	3	3,572	4	8	53,316	Photometers, mud collecting machines and germ-culture appliances	56,828	113,716

Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)									
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)										
							On-going	New													
Cooperating organization in Japan: Ministry of Education (Kagoshima University)	In fiscal 1985, texts for fishing, oceanography, and navigation were made and technical guidance on them was given.	Cumulative total				32,520			218,261		272,026	522,807									
	In fiscal 1986 and 1987, texts for fishing, oceanography and navigation were made and guidance on them was given.  [Number of counterparts accepted]																				
	<table border="1"> <thead> <tr> <th>Fiscal year</th> <th>'84</th> <th>'85</th> <th>'86</th> <th>'87</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>3</td> <td>4</td> <td>3</td> <td>4</td> </tr> </tbody> </table>	Fiscal year	'84	'85	'86	'87	No.	3	4	3	4										
Fiscal year	'84	'85	'86	'87																	
No.	3	4	3	4																	
Agricultural Machines Advisory Tour Guidance  Survey terms: 3.17, 1975 - 4.2, 1975	(Malaysia, Laos)	1974	Itinerant technical advisory survey	3.17, 1975 - 4.2, 1975	(5)	(1,372)						(1,409)									
		"				(D) (37)															
		Cumulative total					(1,409)						(1,409)								









Project name	Summary	Fiscal year	Survey teams			Experts		Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts	Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)
						On-going	New				
Traveling Guidance on Malaysian Water Management Training Programme and Thailand Irrigation Agriculture Development Programme  Survey Terms:  (First time) 10.24, 1978 - 11.3, 1978  (Second time) 2.1, 1979 - 2.16, 1979	(Malaysia, Thailand)	1978	Itinerant technical advisory survey	10.24, 1978 - 11.3, 1978	(1)					(1,470)	
		"	Itinerant technical advisory survey	2.1, 1979 - 2.26, 1979	(4)					(1,470)	
		1979	(Reports on the above)								(361)
		Cumulative total									(1,831)
Traveling Guidance on Agriculture Development Programme  Survey Terms: 10.18, 1979 - 11.14, 1979	(Malaysia, Thailand)	1979	Itinerant technical advisory survey	10.18, 1979 - 11.4, 1979	(5)					(1,803)	



Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)	
							On-going	New				
Southeast Asian Agriculture and Forestry Cooperation (Livestock)	<p>Along with the production increase in poultry in ASEAN, Newcastle disease, Mareck disease and the spread of other infectious diseases became problematic. The ASEAN Forum of May 1983 decided to request from Japan a plan to build an ASEAN Poultry Disease Research Training Center used to study poultry diseases and train field experts in the ASEAN world.</p> <p>The Japanese survey team made a thorough examination of the balance between the Veterinary Institute in Ipor, Malaysia, which would be the site of the center, and research and training by and for outsiders, the willingness on the part of Malaysia government to prepare for the plan, the condition of the site, and understanding of the details requested during the discussion with the Malaysian government.</p>	1984	Pre-liminary survey	...		...					...	





Project name	Summary	Fiscal year	Survey teams			Experts			Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items		Expenditures (1,000 yen)
						On-going	New					
Survey for Afforestation Traveling Guidance		1986				1,550			-		-	1,550
	(Total of Agriculture & Forestry Cooperation Programmes)					(281,730)			(957,901)		(1,172,113)	(2,411,744)

Project name	Summary	Fiscal year	Survey teams			Experts		Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts	Expenditures (1,000 yen)	Names of major equipment items		
						On-going	New				
Preliminary Survey for Natural Rubber Development Technology Cooperation	(Indonesia, Malaysia, Singapore, Philippine, Thailand)	1975	Pre-liminary survey	1.19, 1976 - 2.17, 1976	(4)	(922)					(922)
Survey Terms: 1.19, 1976 - 2.17, 1976											
Southeast Asian Project Finding Survey	(Indonesia, Malaysia)	1976	Pre-liminary survey	3.3, 1977 - 3.17, 1977	(3)	(883)					(883)
Survey Terms: 3.3, 1977 - 3.17, 1977											
Casting Technology Center		1987	Pre-liminary survey	9.21, 1987 - 10.8, 1987	5	3,670					3,670
	(Total of Industry Development Cooperation Programmes)					(5,475)					(5,475)



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
1	Survey for Completion Plan of Electric Communication Network Within Southeast Asia	(Indonesia, Laos, Malaysia, Philippine, Thailand, Taiwan, Vietnam) Refer to Asia in general.	1967	Investment	10. 7, 1967 - 11. 11, 1967	(9)	(693)
2	Preliminary Survey for Harbor Facilities	(Malaysia, Pakistan) Refer to Asia in general.	1970	Preliminary survey	6. 10, 1970 - 7. 2, 1970	(3)	(901)
3	Survey for Confirmation of Selection of Development Research Project	(1) (Malaysia, Philippine, Thailand) Refer to Asia in general.	1966	Investment	7. 19, 1966 - 8. 12, 1966	(3)	(972)
		(2) (Indonesia, Malaysia, Philippine) Refer to Asia in general.	1975	Preliminary survey	7. 8, 1975 - 7. 26, 1975	(2)	(492)
4	Economic Survey	Member Nations of the Federal Republic of Malaysia conducted surveys of economic conditions of the member nations of the Federal Republic of Malaysia and Brunei and the possibility of promotion of industrization was studied.	1962	Investment	9. 3, 1962 - 9. 25, 1962	17	6,170
5	Survey of Plan for Microline Network Construction	Basic survey was made as to selection of stations and electric wave diffusion tests regarding the microwave line construction from Kuala Lumpur via the east coast of Kuwantan to Kotapal.	1965	Investment	9. 29, 1965 - 1. 6, 1966	5	7,103
6	Survey of Plan for Kuchin Harbor Construction	Surveys and implementation programmes were made as to the possibility of a ton-class vessel coming alongside the pier by making piers for imported sundries and oil at Pending, down the Kuchin Harbor, which enable 1,000 - 3,000 - ton vessels to anchor.	1966	Investment	3. 10, 1967 - 7. 19, 1967	8	7,067
			1967	Investment		0	11,990
			1968	Detailed design	3. 3, 1969 - 6. 11, 1969	12	9,049
			1969	Detailed design	7. 6, 1969 - 7. 20, 1969	7	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1969	Detailed design	1. 10, 1970 - 1. 29, 1970	8	
			1970	Detailed design	6. 21, 1970 - 7. 5, 1970	5	9,440
			Cumulative total				81,563
7	Survey for OH Network Construction Programme	Survey was made for communication network construction with outside radio waves by looking between Johore Bahru and Kuchin.	1967	Investment	8. 7, 1967 - 11. 21, 1967	13	15,916
8	Survey for Water and Sewage Construction Programme	Feasibility survey was made as to water and sewage construction in the districts of Doungun, Toreganuh, and Kemaman.	1967	Investment	8. 21, 1967 - 9. 29, 1967	7	9,304
9	Surveys for Plans for Port Construction in East Coast of West Malaysia	(1) Fishing port construction plan  Basic survey was conducted as to finishing ports in Kuala Besut, Kuantan, Mersing and Kuala in the eastern coast of west Malaysia and related land facilities, and a conclusion about construction possibilities and priorities was reached.	1968	Investment	1. 27, 1969 - 3. 8, 1969	8	6,087
			1969	Investment		0	1,078
		(2) Kuantan fishing port construction plan  Survey for large type trawling and round haul net fishing ports construction programme.	1969	Investment	8. 25, 1969 - 11. 7, 1969	14	21,335
			1970	Investment		0	886

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		(3) Kuantan commercial port construction programme	1970	Field survey	9. 1, 1970 - 10. 3, 1970	7	11,069
			1970	Explanation of reports	3. 31, 1970 - 4. 6, 1971	3	
			1971	Explanation of reports		0	
			Cumulative total				
10	Surveys for Paddy Drying Storage Facility Construction Programmes	Feasibility survey of paddy drying for storage facilities construction in dam planned district	1970	Field survey	5. 18, 1970 - 6. 22, 1970	6	11,104
			"	Explanation of reports	12. 20, 1970 - 12. 29, 1970	2	
11	Surveys for Penang Sewage and Drain Programms	The Malaysian government mapped out plans for building sewage and drain facilities at Butterworth in Penang and Bukitmetaljam, where various development programmes were under way, as the development center, 2nd next to Kuala Lumpur, providing more healthy living facilities for an increasing population. They asked the Japanese government to conduct a feasibility study on making the master plan for the above programmes and for programmes in urgently needed districts. It was complied with at once. In fiscal 1978, the draft final reports of the feasibility study made in fiscal 1977 were explained to the Malaysian government and discussed with them. Then the final drafts were made and given to them.	1976	Preliminary survey	5. 17, 1976 - 6. 6, 1976	6	6,181
			"	Field survey	10. 27, 1976 - 12. 31, 1976	20	105,946
			1977	Explanation of reports	5. 9, 1977 - 5. 18, 1977	7	5,793
			"	Field survey	9. 19, 1977 - 12. 17, 1977	20	75,615
			"	Explanation of reports	12. 7, 1977 - 12. 17, 1977	5	
			1978			0	116,249
			1978	Explanation of reports	9. 24, 1978 - 10. 1, 1978	3	25,116
			Cumulative total				334,900

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
12	Survey of Programme for Laying a Submarine Cable between West Malaysia and East Malaysia	The Malaysian government planned to greatly improve the services of the main communication lines between east and west Malaysia by laying a submarine cable with a long-distance submarine coaxial cable system. The cable was to be laid between Kuantan in west Malaysia and Kuchin in east Malaysia, amounting to about 600 kilometers, having 1,000 telephone lines, as one of their long-distance telephone networking plans. In reply to their request, marine surveys were made to confirm the feasibility of the programme; the draft final reports were explained to people concerned over there and after discussion with them, the final reports were made and given to them.	1977	Field survey	7. 17, 1977 - 9. 30, 1977	13	107,229
			1977	Explanation of reports	12. 6, 1977 - 12. 17, 1977	4	
13	Surveys for Salawak Trunk Road Construction Programmes	The Malaysia government asked the Japanese government to investigate the feasibility of trunk road construction connecting Beruru, Lonrama and Linban over a 230-kilometer distance under the second trunk road construction programme in Salawak. In fiscal 1977, preliminary surveys were made to confirm the background of the request, to have discussions of the S/W and to conduct fact-finding ahead of full-scale survey. The road construction requested was given the highest priority in the 2nd Trunk Road Network Construction Plan made for the economic development of the central part of Salawak and for closer connection between the eastern area and the rest of Salawak.	1977	Preliminary survey	2. 21, 1978 - 3. 17, 1978	5	4,015
			1978	Preliminary survey		0	198
			"	Field survey	7. 9, 1978 - 3. 15, 1979	26	142,093
			1979	Explanation of reports	12. 10, 1979 - 12. 18, 1979	4	39,375
			1980	Explanation of reports		0	491
			Cumulative total				186,172

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
14	Surveys for the Toreganu Swamp Agriculture Development Programme	The purpose of the swamp development programme, one of the regional comprehensive development projects under way in the southern part of Toreganu on the east side of the Malaysian islands, was to have unemployed and low-income people settle there in order to help solve their poverty problems. Following the fiscal 1977 preliminary survey, in fiscal 1978, 1,700 ha of Buki Bau district, an inland swamp among 73,000-acre swamp scattering in Toreganu was designated as a pilot project district. From August, topographical maps were made. In September, a feasibility survey of the development programme mainly related to agriculture was conducted and reports were completed in March.	1977	Preliminary survey	2. 1, 1978 - 2. 21, 1978	7	8,223
			1978			0	999
			1978	Field survey	8. 9, 1978 - 3. 8, 1979	22	102,980
			1978	Explanation	3. 11, 1979 - 3. 22, 1979	3	
			1979			0	176
			1979	Field survey	6. 17, 1979 - 2. 9, 1980	17	113,981
				Cumulative total			
15	Surveys for Arrowstar Sewage and Drain Programmes	Arrowstar in Keda is situated in the Muda Plains where semiannual rice crop is harvested on a large scale. The topography of the plains is without ups and downs; water and sewage facilities are so poor there that waste water from plants is left without suitable treatment. The goal of the project was to anticipate increased population in 2,000 of 300,000 and to build facilities to meet requirements for various types of waste water and filthy water from every household, treatment of effluents from factories, and drainage of surface flowing water. There were M/P and F/S in the programme. In fiscal 1978, a preliminary survey was made and based on the results, stage 1 of the spot survey's master plan was carried out. In fiscal 1979, the M/P interim reports were completed.	1978	Preliminary survey	10. 1, 1978 - 10. 14, 1978	4	24,518
			1978	Field survey	2. 20, 1979 - 3. 31, 1979	10	
			1979	Field survey	7. 24, 1979 - 8. 3, 1979	2	128,394
			1979	Field survey	11. 25, 1979 - 1. 13, 1980	12	
			1980	Field survey	7. 12, 1980 - 7. 20, 1980	6	83,761
			1980	Field survey	12. 12, 1980 - 12. 20, 1980	6	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		The final reports were prepared on the basis of the interim reports of the master plan and of feasibility studies in fiscal 1980.	1981	Field survey		0	327
			Cumulative total				237,000
16	Surveys for George Town-Butterworth Road Programmes	Penang consists of Penang island, where George Town is situated, and Wellslee, which contains Butterworth and Buki Meltajam. George Town is the center of politics and commerce at Penang; on the other hand, Buki Meltajam is expected to become a big industrial region and free-trade district. There is a ferry service between George Town and Butterworth, but the distance between them is to be bridged soon. The district now under investigation has much traffic congestion. The purpose of the project is to lay out a metropolitan traffic long-term plan slated for 2,000 and to make another is to make a F/S to find out the technical and economical possibility of the project. In fiscal 1978, ahead of the full-scale surveys, preliminary surveys were carried out to get comments and an on-the-spot investigation was also made. Implementation policies for full-scale surveys were discussed. In fiscal 1979, the draft reports of the metropolitan traffic long-term programmes were made. In fiscal 1980, the F/S surveys for the outer beltway of George Town were made.	1978	Preliminary survey	11. 12, 1978 - 11. 26, 1978	5	3,826
			"	Field survey	3. 25, 1979 - 3. 31, 1979	6	9,284
			1979	Field survey	4. 1, 1979 - 5. 31, 1979	(6)	183,453
			"	Field survey	4. 15, 1979 - 5. 31, 1979	2	
			"	Field survey	7. 29, 1979 - 3. 31, 1980	16	
			"	Explanation of reports	3. 7, 1980 - 3. 20, 1980	2	
			1980	Field survey	4. 1, 1980 - 5. 31, 1980	(3)	185,686
			"	Field survey	4. 16, 1980 - 5. 31, 1980	2	
			"	Field survey	6. 1, 1980 - 3. 15, 1981	12	
			"	Field survey	5. 31, 1980 - 6. 9, 1980	2	
			"	Field survey	7. 29, 1980 - 8. 6, 1980	3	
			"	Field survey	9. 23, 1980 - 9. 27, 1980	1	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
17	Surveys for National Water Resources Comprehensive Development Programmes	The water resources in the Malaysian peninsula were partially surveyed, but the Malaysian government asked the Japanese government to give technical cooperation regarding water resources investigation of the entire peninsula, preparation of a water resources supply-and-demand programme, river systems and completion of administration. In fiscal 1978, ahead of the full-scale surveys, preliminary surveys were carried out to collect data for S/W discussion. In fiscal 1979, data regarding part of the peninsula was collected and inception reports were made. In fiscal 1980, fact-finding at each basin of the peninsula and at each states was performed and demand forecasts for 2,000 were attempted. In fiscal 1981, concerning Phase II (Malaysian peninsula) incoming and outgoing water by basin was studied according to the results obtained a year earlier and by-state water resources optimum supply and demand programmes and a master plan were mapped out. Discussions went on with the federal government and each state government and D/F was made. In regard to Phase III (Sabah Salawak state), fact-finding about each department was carried out; P/R was made; water income and outcome by basin and water resources optimum supply and demand programmes by state were mapped out on the basis of mutual talks and evaluation was made to perform domestic analysis work in preparation of each draft of the master action plan. In fiscal 1982, the final reports were completed and given to the Malaysian government.	1978	Preliminary survey	12. 10, 1978 - 3. 11, 1979	9	4,520
			1979	Field survey	10. 10, 1979 - 1. 2, 1980	6	62,741
			"	Field survey	1. 25, 1980 - 1. 31, 1980	5	
			1980	Field survey	6. 30, 1980 - 1. 31, 1981	20	227,400
			"	Field survey	11. 2, 1980 - 1. 31, 1981	4	
			"	Field survey	12. 1, 1980 - 1. 31, 1981	2	
			"	Field survey	1. 11, 1981 - 1. 31, 1981	1	
			"	Field survey	1. 21, 1981 - 1. 31, 1981	3	
			1981	Field survey	6. 1, 1981 - 12. 25, 1981	25	324,967
			"	Field survey	6. 10, 1981 - 6. 24, 1981	2	
			"	Field survey	7. 10, 1981 - 10. 3, 1981	1	
			"	Field survey	10. 25, 1981 - 11. 1, 1981	4	
			"	Field survey	11. 24, 1981 - 12. 23, 1981	2	
			"	Field survey	12. 23, 1981 - 12. 20, 1981	2	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1981	Field survey	3. 11, 1981 - 3. 25, 1981	2	
			"	Field survey	3. 18, 1981 - 3. 25, 1981	2	
			1982	Field survey	5. 16, 1982 - 7. 30, 1982	18	
			"	Field survey	9. 12, 1982 - 9. 24, 1982	2	244,291
			"	Field survey	12. 13, 1982 - 3. 31, 1983	2	863,959
			Cumulative total				863,959
18	Surveys for Housing Development Programme Using Land Reclaimed from Tin Mine	The population of Kuala Lumpur was rapidly on the increase. Land for housing was inadequate, making the housing shortage acute. The Malaysian government planned to reclaim the tin mine around the town into a residential district. Thus the Japanese government was requested to comply with their needs. In fiscal 1978, ahead of the full-scale surveys, S/W discussions were held. In fiscal 1979, data for the fundamental method of construction and development design of buildings in SENTUL and KAMPONG PADAN districts was collected as the Phase I investigation and their surveys were carried out. In fiscal 1980, the framework of project implementation was mapped out as Phase II, and the final reports were completed.	1978	Preliminary survey	3. 6, 1979 - 3. 18, 1979	5	2,328
			1979	Field survey	12. 9, 1979 - 12. 15, 1979	5	
			"	Explanation of reports	3. 21, 1980 - 3. 26, 1980	3	45,484
			1980	Field survey	8. 17, 1980 - 8. 23, 1980	5	
			"	Field survey	11. 4, 1980 - 11. 13, 1980	2	
			"	Field survey	1. 7, 1981 - 2. 28, 1981	1	71,880
			"	Field survey	2. 1, 1981 - 2. 28, 1981	3	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1980	Field survey	3. 23, 1981 - 3. 29, 1981	4	
			1981	Field survey	6. 21, 1981 - 7. 10, 1981	1	13,294
			Cumulative total				132,986
19	Surveys for Water Resources Development Programme in the Eastern Part of Sabah	The Malaysian government asked the Japanese counterpart to provide technical cooperation for mapping out comprehensive water development plans in the eastern part of Sabah, as part of their third five-year development programme. The region's staple products are farm products and timber or primary products, and it had been the least developed. There was great potential for regional development in sectors such as power energy obtained by making effective use of water resources from the River Cabatan, a main river of the future, by development of industry and agriculture using river water and by completion of infrastructure for residents living there (electricity transmission, water and sewage). In fiscal 1978, ahead of the full-scale surveys, S/W discussions were held.	1978	Preliminary survey	3. 13, 1979 - 3. 31, 1979	6	5,302
			1979			0	185
			Cumulative total				5,487
20	Surveys for Kerantan Port Programme	Kerantan is situated in the north eastern part of west Malaysia, having a population of 800,000 or so; with about 350,000 and 200,000 living near Kotabal, the capital, and in the town district, respectively. The district is farthest away from Kuala Lumpur, the location of the Federal Government. This district is the least fortunate in receiving benefits from the central government and economically, it is on the smallest scale. The state government put utmost emphasis	1979	Preliminary survey	5. 17, 1979 - 5. 30, 1979	6	6,706
			"	Field survey	9. 26, 1979 - 12. 3, 1979	12	65,660
			1980	Field survey	5. 14, 1980 - 6. 19, 1980	5	
			"	Field survey	6. 10, 1980 - 8. 27, 1980	6	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		on the development of the infrastructure, with greatest emphasis on port construction which would trigger state development of the mine industry, agriculture and forestry in the southern part of the province as a center. In fiscal 1979, master plan was made following the preliminary surveys and in fiscal 1980, the first phase of the F/S was carried out.	1980	Field survey	9. 24, 1980 - 10. 3, 1980	4	117,755
	"		Field survey	12. 15, 1980 - 12. 24, 1980	4		
	Cumulative total						190,121
21	Survey for Bintulu Port Construction Programme	The Bintulu Port in Sarawak, where a natural gas field was discovered, became a port from which 6 million tons of gas were obtained, the total output, and shipped to Japan in 1983; it was also intended as a shipping port included in the ASEAN project. LNG is an especially valuable source of foreign currency for Malaysia, so the Malaysian government tried to complete the port by the end of 1982 so as not to lose prestige. The implementation design work of the project was completed and it was divided into five contracts to proceed under tender work. The Japanese government sent survey teams to give guidance and advice about on-site construction, about a supervisory system when construction was started, and about examination and evaluation of tender documents.	1979	Field survey	1. 21, 1980 - 2. 28, 1980	4	14,481
22	Surveys for Flood Forecast/Warning System in Sabah-Sarawak	Flood forecast and warning systems have been completed covering the four big rivers in the peninsula, Kuching, Tasek, Pagan and Perak. On the other hand, in Sabah Sarawak province, they have the N.E. monsoons from November to March, which always bring great floods, causing serious damage to life and property. The same system as in the peninsula had to be set up as soon as possible.	1979	Field survey	8. 5, 1979 - 8. 14, 1979	3	51,035
	"	Field survey	10. 26, 1979 - 12. 23, 1979	8			
	"	Explanation of reports	3. 6, 1980 3. 13, 1980	4			
			1980	Field survey		0	6,098

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		Thus, Japan was asked for assistance. In fiscal 1979, a S/W regarding the flood forecast and warning systems in Sadon River basin and Kinabatan, Sabah, was made and F/S surveys were carried on a large scale.	Cumulative total				57,133
23	Surveys for FM Broadcasting Network Programmes	Broadcasting systems in Malaysia consist of three medium-wave radio broadcasting stations and two TV broadcasting stations throughout the country. The government of Malaysia asked Japan to assist in the diversification of their broadcasting programmes and in planning implementation of quality audio broadcasting. In answer to this request, in fiscal 1979, Japan made preliminary surveys for broadcasting programmes on an FM stereo network by UHF band constructed for the entire area of west Malaysia. The scope and implementation policy of the project were confirmed. In fiscal 1980, full-scale surveys, including transmission tests to map out station construction and channel plans were conducted.	1979	Preliminary survey	2. 18, 1980 - 3. 2, 1980	5	2,781
			1980	Field survey		0	498
			"	Field survey	6. 15, 1980 - 7. 30, 1980	12	50,961
			"	Explanation of reports	2. 17, 1981 - 2. 27, 1981	4	
			1981			0	84
			Cumulative total				54,324
24	Surveys for Kinabatangan Basin Development Program	The purpose of the program was to study the feasibility of a flood control programme calling for agriculture development and power development through dam construction in Kinabatangan in the eastern part of Sabah. In fiscal 1980, feasibility surveys on water control, agriculture, power and regional development were made. In fiscal 1981, fact-finding and domestic analytical work were done to make final reports, which were given to the government.	1980	Field survey	10. 31, 1980 - 11. 10, 1980	6	62,190
			"	Field survey	12. 14, 1980 - 1. 27, 1981	9	
			"	Field survey	1. 18, 1981 - 1. 29, 1981	3	
			1981	Field survey	9. 15, 1981 - 11. 13, 1981	9	86,193
			"	Field survey	11. 4, 1981 - 11. 13, 1981	4	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1983	Field survey	4. 20, 1983 - 12. 13, 1983	18	138,979
			1984	Field survey	5. 3, 1984 - 5. 9, 1984	2	1,855
			Cumulative total				443,511
26	Surveys for Kuran Underground Water Drain Programmes	The master plan for the Kuran area slated for the year 2.000 was mapped out and a feasibility survey slated for 1990 in the area, with top priority given to development, was carried out.	1980	Preliminary survey	12. 10, 1980 - 12. 21, 1980	4	2,347
			1980	Field survey	3. 17, 1981 - 6. 16, 1981	10	27,706
			1981	Preliminary survey		0	223
			1981	Field survey	4. 17, 1981 - 6. 16, 1981	2	155,765
			1981	Field survey	5. 18, 1981 - 6. 16, 1981	1	
			1981	Field survey	6. 7, 1981 - 6. 13, 1981	3	
			1981	Field survey	9. 16, 1981 - 12. 25, 1981	12	
			1981	Field survey	10. 27, 1981 - 12. 25, 1981	1	
			1981	Field survey	11. 26, 1981 - 12. 25, 1981	1	
			1981	Field survey	12. 14, 1981 - 12. 20, 1981	3	
			1981	Field survey	3. 16, 1982 - 3. 25, 1982	8	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1982	Field survey	6. 28, 1982 - 7. 3, 1982	3	54,265
			1982	Field survey	9. 1, 1982 - 9. 10, 1982	8	
			Cumulative total				
27	Surveys for Tatau-Kapit Trunk Road Programmes	Traffic in the inland area of Salawak, in Kapit, which has rich forest and mineral resources, was mainly by water and air. Construction of roads connecting the inland area and the coastal area was urgently needed. The Malaysian government planned the second trunk road construction programme. In view of the government's wishes, F/S surveys regarding technical, economical and social points related to construction of the 180-kilometer road between Tatau and Kapit were carried out.	1981	Preliminary survey	2. 1, 1982 - 2. 18, 1982	5	5,012
			1982	Preliminary survey	(Preparator of report)	0	576
			1982	Field survey	7. 6, 1982 - 9. 11, 1982	18	104,683
			1982	Field survey	12. 16, 1982 - 12. 25, 1982	6	
			1983	Field survey	4. 29, 1983 - 5. 19, 1983	9	21,725
			1984	Field survey	5. 28, 1984 - 8. 10, 1984	8	101,072
			1984	Field survey	10. 8, 1984 - 11. 21, 1984	10	
			1984	Field survey	2. 25, 1985 - 3. 6, 1985	6	
			1985	Field survey	(Work done in Japan)	0	9,225
			Cumulative total				242,293

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
20	Surveys for East Malaysian FM Broadcasting Network Construction Programmes	Completion of a national broadcasting network and a regional broadcasting network was mapped out and F/S for construction of FM broadcasting stations on ultrashort wave band for eastern Malaysia was carried out.	1981	Preliminary survey	3. 10, 1982 - 3. 24, 1982	5	3,857
			1982	Field survey	6. 15, 1982 - 8. 3, 1982	12	49,994
			1982	Field survey	2. 28, 1983 - 3. 11, 1983	5	
			1983	Field survey	(Preparation of report)	0	1,357
			Cumulative total				55,208
29	Surveys on Comprehensive Development Programmes for The South Area of Trenggam	The Malaysian government had been developing agriculture in the south area (inland) of Trenggam. Oil and natural gas were discovered in the seabed 200 kilometers off Trenggam and industrial development along the coast had to be planned and performed. To achieve harmonious development of the area, Malaysia advanced a request to Japan for the preparation of a master plan for development. In answer to the request the Japanese government mapped out the master plan with a preliminary F/S for priority project to be performed in the year 2000.	1981	Preliminary survey	1. 27, 1982 - 2. 6, 1982	5	8,271
			1981	Preliminary survey	4. 6, 1982 - 4. 20, 1982	7	
			1982	Preliminary survey	(Preparation of report)	0	925
			1983	Field survey	1. 8, 1984 - 3. 28, 1984	16	73,664
			1984	Field survey	5. 28, 1984 - 9. 24, 1984	25	137,581
			1984	Field survey	2. 11, 1985 - 5. 26, 1985	11	
			1985	Field survey	4. 27, 1985 - 5. 26, 1985	5	75,235
			Cumulative total				296,676



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
30	Fishery Survey Training Ship Programme	The fundamental design survey regarding the grant of a fishery survey training ship requested as part of the 100th anniversary of Sabah development was carried out.	1981	(J)	8. 9, 1981 - 8. 29, 1981	5	14,446
31	Malacca-Singapore Straits Unified Navigational Chart Preparation (Phase 11)	Refer to Asia in general.	1981	Field survey	9. 17, 1981 - 10. 18, 1981	(7)	(4,019)
			1982	Field survey	(Preparation of report)	0	(1,967)
			Cumulative total				
32	Surveys for Housing Development from land reclaimed from Tin Mine (II)	Following the survey (I), preliminary surveys were made to map out ways of research on the possibility of housing development using land reclaimed from tin mine in Kuala Lumpur and housing development plans in a priority district.	1982	Preliminary survey	11. 24, 1982 - 12. 1, 1982	5	2,715
33	Surveys for Railway Construction Programmes	Based on the Malaysian National Railways Construction (master plan), the F/S was carried out for the west line (new railway along existing one) construction programme along the west coast and for the West and East Line (new line) programmes connecting the west coast and Kuala Lumpur.	1982	Preliminary survey	4. 20, 1982 - 4. 29, 1982	5	246,082
			1982	Preliminary survey	8. 15, 1982 - 8. 28, 1982	5	
			1982	Field survey	9. 28, 1982 - 12. 29, 1982	34	
			1982	Field survey	1. 3, 1983 - 2. 28, 1983	14	
			1983	Field survey	5. 31, 1983 - 10. 2, 1983	36	339,028
			1983	Field survey	11. 1, 1983 - 11. 30, 1983	7	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1983	Field survey	2. 8, 1984 - 2. 18, 1984	9	
			1984	Field survey	7. 14, 1984 - 9. 1, 1984	19	
			1984	Field survey	10. 15, 1984 - 11. 10, 1984	16	174,631
			1984	Field survey	1. 5, 1985 - 1. 12, 1985	14	
			1985	Field survey	8. 4, 1985 - 8. 13, 1985	11	75,011
			Cumulative total				834,752
34	Perulis Port Development Programme	The perulis port development programme was mapped out with F/S performed too.	1982	Preliminary survey	3. 16, 1983 - 3. 27, 1983	4	2,550
			1983	Field survey	7. 18, 1983 - 9. 24, 1983	10	
			1983	Field survey	11. 21, 1983 - 12. 2, 1983	5	140,273
			1983	Field survey	2. 21, 1984 - 3. 3, 1984	5	
			1984	Field survey	(Work done in Japan)	0	2,986
			Cumulative total				145,809
35	Perulis, Keda Penang Regional Water Resources Development Programmes	The comprehensive master plans for water resources in three provinces: Perulis, Keda and Prawn-Penang, were mapped out and the F/S survey of the Pelis Dam, the most urgent of the programmes, was carried out.	1982	Preliminary survey	9. 12, 1982 9. 26, 1982	4	
			1982	Field survey	12. 13, 1982 - 3. 31, 1983	25	160,689

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1983	Field survey	11. 7, 1983 - 11. 17, 1983	3	183,708
			1983	Field survey	12. 5, 1983 - 3. 21, 1984	8	
			1984	Field survey	5. 16, 1984 - 7. 30, 1984	7	126,835
			1984	Field survey	1. 17, 1985 - 1. 31, 1985	5	
			Cumulative total				471,232
36	Bekonka (Sabah) Area Afforestation Programmes	Sabah province in Malaysia is one of Japan's leading suppliers of timber resources like the U.S.A. and the U.S.S.R. Programmes were mapped out to afforest 36,000 ha of the Bekonka district and to develop village in order to maintain timber production, to re-develop treed areas after they had been burned for harvest and to help farmers settle there. The F/S and implementation of the project in question were mapped out and reports were compiled.	1982	Preliminary survey	4. 10, 1983 - 4. 19, 1983	3	2,192
			1983	Preliminary survey	9. 5, 1983 - 9. 17, 1983	5	40,819
			1983	Field survey	2. 3, 1984 - 3. 18, 1984	9	
			1984	Field survey	8. 20, 1984 - 9. 8, 1984	5	79,956
			Cumulative total				122,967
37	Programmes for Vocational Training Instructors and Advanced Skill Training Center Construction	Fundamental design surveys were made for construction of facilities to train vocational training instructors and those who are currently in charge of vocational training jobs and to improve the skills of supervisors and skilled workers for the purpose of developing job competence in skilled laborers.	1982	(J)	4. 8, 1982 - 4. 22, 1982	2	35,702
			1982	(J)	6. 6, 1982 - 6. 26, 1982	8	
			1982	(J)	8. 4, 1982 - 8. 13, 1982	4	

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
38	Malaysian University's Japanese Language School Building Construction Programme	Fundamental design surveys for construction of a Japanese Language school building in Malaysian University were made.	1982	(J)	10. 10, 1982 - 10. 29, 1982	5	16,173
			"	(J)	2. 15, 1983 - 2. 24, 1983	2	
			1983	(J)	(Reports sent)	0	22
			Cumulative total				16,195
39	Economic Technical Cooperation Survey	See "The World In General".	1982	Preliminary survey	8. 25, 1982 - 9. 1, 1982	(6)	998
40	South Johore Regional Water Resources Development Programmes	Comprehensive water resources development programmes (M/P) consisting of water supply, flood protection and water pollution prevention measures in about 7,700Km <sup>2</sup> of the southern part of Johore were made.	1983	Preliminary survey	2. 23, 1984 - 3. 3, 1984	4	2,064
			1984	Field survey	7. 16, 1984 - 10.13, 1984	22	195,323
			"	Field survey	11. 1, 1984 - 3. 21, 1985	13	
			1985	Field survey	7. 19, 1985 - 8. 17, 1985	13	98,223
			Cumulative total				296,608
41	Economic Technical Cooperation Survey		1983	Preliminary survey	7. 19, 1983 7. 27, 1983	(6)	(1,481)
42	ASEAN Economical Technical Cooperation Surveys		1983	Preliminary survey	10. 30, 1983 - 11. 12, 1983	(2)	(428)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
43	Cranvalley Traffic Programmes	The purpose of the Programmes was to investigate the state of traffic in Cranvalley, the great metropolitan block in Malaysia, and to map out the traffic M/P envisioned for the year 2.000, based on the development strategy of the district. In fiscal 1984, 1985 and 1986, full-scale surveys were made there and final reports were given to the government.	1984	Preliminary survey	8. 20, 1984 - 8. 31, 1984	5	92,765
			"	Field survey	12. 4, 1984 - 3. 11, 1985	14	
			1985	Field survey	4. 16, 1985 - 5. 15, 1985	5	165,048
			"	Field survey	4. 16, 1985 - 10. 27, 1985	13	
			"	Field survey	10. 11, 1985 - 3. 15, 1985	9	
			1986	Field survey	5. 20, 1986 9. 5, 1986	1	116,335
			"	Field survey	5. 20, 1986 - 12. 21, 1986	1	
			"	Field survey	6. 3, 1986 - 9. 5, 1986	1	
			"	Field survey	6. 3, 1986 - 9. 14, 1986	1	
			"	Field survey	6. 17, 1986 - 9. 14, 1986	1	
			"	Field survey	9. 30, 1986 - 10. 7, 1986	4	
			"	Field survey	9. 30, 1986 - 12. 20, 1986	1	
			"	Field survey	9. 30, 1986 - 12. 14, 1986	1	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	
			1986	Field survey	8. 23, 1986 - 8. 30, 1986	2		
			1986	Field survey	11. 25, 1986 - 12. 2, 1986	7		
			Cumulative total					287,749
48	City Penang Traffic Computer Control System Programme	The purpose of the programme was to map out plans for completion of a computerized traffic control system for the main streets of Penang City so as to lessen its traffic congestion and to perform its F/S. In fiscal 1985, preliminary surveys were made; in fiscal 1986 and 1987, full-scale surveys on site and domestic analytical work were done. Final drafts were made and approved, then submitted.	1985	Preliminary survey	2. 21, 1986 - 3. 1, 1986	5	3,692	
			1986	Field survey	7. 22, 1986 - 8. 6, 1986	1		
			"	Field survey	7. 22, 1986 - 12. 7, 1986	1		
			"	Field survey	7. 22, 1986 - 12. 22, 1986	1		
			"	Field survey	7. 26, 1986 - 7. 30, 1986	1		
			"	Field survey	7. 23, 1986 - 7. 30, 1986	1		
			"	Field survey	8. 1, 1986 - 11. 15, 1986	1		
			"	Field survey	8. 19, 1986 - 9. 17, 1986	1		
			"	Field survey	11. 1, 1986 - 12. 5, 1986	1		
			"	Field survey	11. 12, 1986 - 12. 26, 1986	3		
								113,135





No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1987	Field survey	7. 6, 1987 - 8. 4, 1987	1	57,162
			1987	Field survey	7. 6, 1987 - 8. 19, 1987	1	
			1987	Field survey	7. 6, 1987 - 8. 25, 1987	2	
			1987	Field survey	7. 17, 1987 - 8. 15, 1987	1	
			1987	Field survey	8. 1, 1987 - 8. 21, 1987	1	
			1987	Field survey	8. 1, 1987 - 8. 29, 1987	1	
			1987	Field survey	9. 4, 1987 - 10. 3, 1987	1	
			1987	Field survey	9. 18, 1987 - 9. 25, 1987	3	
			1987	Field survey	9. 24, 1987 - 10. 3, 1987	1	
			Cumulative total				173,989

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
49	Tanjohnkaran Irrigation Programmes	The purpose of the programmes was to map out plans for irrigation of about 20,000 ha of the Tanjonkaran region which is situated in Sabak Bernam and Kuala Selangor districts, Selangor. In fiscal 1985, the Malaysian government's requests for the Tanjohnkaran Irrigation Programmes were confirmed; preliminary surveys such as collection of data required for the F/S and preliminary discussions were made. In fiscal 1986, based on other concluded S/W, full-scale surveys were made; in fiscal 1987, final reports were made to be given to the government.	1985	Preliminary survey	3. 3, 1986 - 3. 15, 1987	5	4,021
			1986	Field survey	6. 1, 1986 - 7. 9, 1986	1	211,779
			1986	Field survey	6. 1, 1986 - 8. 11, 1986	1	
			1986	Field survey	6. 1, 1986 - 8. 29, 1986	3	
			1986	Field survey	6. 1, 1986 - 12. 24, 1986	2	
			1986	Field survey	6. 11, 1986 - 6. 18, 1986	4	
			1986	Field survey	6. 16, 1986 - 8. 29, 1986	2	
			1986	Field survey	6. 16, 1986 - 1. 5, 1987	2	
			1986	Field survey	7. 31, 1986 - 8. 29, 1986	2	
			1986	Field survey	10. 29, 1986 - 11. 27, 1986	2	
			1986	Field survey	10. 29, 1986 - 1. 20, 1987	4	
			1986	Field survey	11. 2, 1986 - 11. 7, 1986	2	
			1986	Field survey	11. 13, 1986 - 12. 24, 1986	6	
1986	Field survey	11. 13, 1986 - 1. 20, 1987	2				

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
			1986	Field survey	1. 6, 1987 - 1. 20, 1987	1	
			1986	Field survey	3. 15, 1987 - 3. 21, 1987	1	
			1986	Field survey	3. 16, 1987 - 3. 21, 1987	4	
			1987	Work done in Japan			6,566
			Cumulative total				272,366
50	Salawak Underground Water Development Programme	The purpose of the programme was to map out a city water supply plan for people living in villages along the coast in the 1st, 2nd, 3rd and 6th county, Salawak. In fiscal 1985, preliminary surveys (contact) were made, but an S/W was not concluded.	1985	Preliminary survey	7. 15, 1985 - 8. 3, 1985	3	6,579
51	Survey of Activities by Japan Overseas Cooperation Volunteers	(Philippine, Malaysia) See the section on Asia in general for details.	1985	(M)	8. 28, 1985 - 9. 11, 1985	3	2,900
52	Economic Technical Cooperation Survey	Annual consultation	1985	(L)	7. 9, 1985 - 7. 20, 1985	(6)	(1,684)
50	Economic Technical Cooperation Survey	Annual consultation	1986	(L)			(1,967)
51	Economic Technical Cooperation Survey	Evaluation surveys by sector	1986	(M)			(2,887)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
52	Kuran Basin Water Control Programmes	The increased population in the downstream of the Kuran River through Kuala Lumpur has added to flood damage. The purpose of the programme was to map out water control plans in the River basin and to select which plans had to be given high priority and to implement F/S. In fiscal 1986, the contact and preliminary survey teams were sent and an S/W was signed. In fiscal 1987, the master plan was mapped out, and reports were submitted.	1986	Preliminary survey	12. 5, 1986 - 3. 12, 1987	(Total) 6	5,407
			1987	Field survey	10. 1, 1987 - 3. 30, 1988	(Total)21	148,974
			Cumulative total				154,381
53	Industrial Field Development Promotion Technical Cooperation Programmes	To develop and promote various types of industries in Thailand and Malaysia, high priority industries were selected, and fact-finding in each field of technology, products, management and marketing in said industries was made. Thus, consultations were held on the details of mutual cooperation and on ways of implementing cooperation so as to map out plans for promoting such preferred industries.	1986	(L)	9. 27, 1986 - 10. 4, 1986	(4)	(1,232)
54	Comprehensive Regional Development Programmes	The purpose of the programme was to map out guidelines for making sightseeing development plans and to perform F/S of the candidate areas. In fiscal 1987, fact-finding was made following 1986 surveys. Tourism development guidelines were made as Phase 1.	1986	Preliminary survey	9. 21, 1986 - 12. 5, 1986	(Total)11	32,080
			1987	Field survey	6. 15, 1987 - 12. 17, 1987	(Total)27	180,482
			Cumulative total				212,562
55	Clanvalley Regional Metropolitan Traffic Facilities Programmes	F/S was made regarding the concrete project lasting for a short period proposed in the Clanvalley Comprehensive Traffic programme (M/P) ended in Fiscal 1986. In fiscal 1987, full-scale surveys were started on the spot.	1986	Preliminary survey	3. 8, 1987 - 3. 18, 1987	(Total) 7	5,587
			1987	Field survey	10. 19, 1987 - 3. 8, 1988	(Total)23	184,903
			Cumulative total				190,490

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Surveys for Private Enterprise Cooperation Promotion	(China, Pakistan, Indonesia, Malaysia, Philippine)	1987	Business efficiency promotion	5. 27, 1987 - 6. 18, 1987	(9)	(1,520)
	Non-Grain Belt Rationalization and Planting Diversification Programme	The purpose of the programme was to map out concrete plans for improving and developing the entire non-grain belt in Malaysia; in fiscal 1987, preliminary surveys were made.	1987	Preliminary survey	4. 6, 1988 - 4. 15, 1988	5	3,036
	Fundamental Programme for Penang Industrial Waste Treatment	The purpose of the programme was to map out the M/P on industrial waste treatment in Penang as the first model case related to treatment of industrial waste as solid body and to implement F/S of urgent projects. Following the fiscal 1987 preliminary survey, fact-finding was started.	1987	Preliminary survey	10. 29, 1987 - 11. 8, 1987	4	51,729
	Economical Technical Cooperation Evaluation survey	Learned Persons' Survey on Evaluation (2)	1987	(M)	9. 6, 1987 - 9. 13, 1987	(2)	(673)
	Economic Technical Cooperation Survey	Annual consultation (Malaysia, Singapore)	1987	(L)	8. 16, 1987 - 8. 22, 1987	(4)	(1, 299)
	Kurantan Basin Water Control Programme	The purpose of the programme was to map out M/P regarding comprehensive water control of the Kurantan basin (15,000 km <sup>2</sup> , 85 per cent of Kurantan province) in the northeastern part of Malaysian Peninsula and to implement F/S on dam construction so as to prevent floods in the upstream. In fiscal 1987, preliminary surveys were made and fact-finding was started.	1987	Preliminary survey	11. 19, 1987 - 11. 28, 1987	5	85,842
		(Total of Development Survey Programmes)					(8,268,620)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
1	Surveys for Steel Industry Development and Expansion in Six	(Indonesia, Malaysia, Philippine, Singapore, Thailand, Taiwan)	1968	(N)	6. 19, 1968 - 7. 11, 1968	(8)	(2,014)
			1968	(N)	7. 22, 1968 - 8. 14, 1968	(8)	
2	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(1) (Malaysia, Philippine, Thailand)	1966	(N)	7. 19, 1966 - 8. 12, 1966	(4)	(1,196)
		(2) (Indonesia, Malaysia, Philippine, Singapore, Thailand)	1972	(N)	5. 31, 1972 - 6. 20, 1972	(2)	(238)
		(3) (Indonesia, Malaysia, Philippine, Vietnam, Papua New Guinea)	1974	(N)	10. 30, 1974 - 11. 15, 1974	(2)	(585)
		(4) (Indonesia, Malaysia, Nepal, Thailand)	1975	(N)	2. 22, 1976 - 3. 15, 1976	(2)	(488)
		Cumulative total					
3	Surveys on Laupu Electric Power Development Programmes	To cope with increases in demand for electric power in the industrialized western district, including Kuala Lumpur as a chief district, feasibility surveys of electric power development plans in Laupu, about 120 km northeast of Kuala Lumpur, were made.	1965	(N)	3. 1, 1966 - 5. 29, 1966	7	8,335
			1966	(N)		0	4,998
			Cumulative total				
4	Surveys for Oil Industry Development Programmes	Before 1974, the development of oil in Malaysia was not active. The Oil Development Act set forth in 1974 established the National Oil Corporation, Petronas. Preparation of a master plans for the entire oil and petrochemical industry was begun under the third five-year plan. Japan was asked to provide cooperation. The survey covered so wide an area that JICA made the first survey of the upstream sector only. Down-stream sector including fertilizer was decided to be handled by private firms. In fiscal 1976 and 1977,	1976	(N)	7. 11, 1976 - 1. 17, 1977	23	128,459
			1977	(N)	6. 27, 1977 - 7. 3, 1977	5	96,065
			1977	(N)	11. 7, 1977 11. 13, 1977	6	
			Cumulative total				

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		surveys were carried out. In fiscal 1976, inspection reports were prepared, and a data analysis mission and site-survey mission were sent. In fiscal 1977, domestic work was done like a year earlier and reports were prepared for the government of Malaysia.					
5	Surveys for Lebill Hydroelectric Power Development Programmes	The purpose of the programme was to study the possibility of hydroelectric power development along the Lebill River, a branch of the Kerantan River in West Malaysia. In fiscal 1978, detailed fact-finding as well as preliminary surveys was carried out. The final scale of development of the hydroelectric power facilities was determined in view of multipurpose elements on the basis of data thus obtained. The validity of the project was studied from the technical and economic standpoints. In fiscal 1979, part of site surveys required for the above study was carried out. See "No.18 Lebill Dam Programmes".	1978	(N) (Preliminary)	12. 5, 1978 - 12. 14, 1978	1	2,107
			1978	(N)	3. 7, 1979 - 3. 31, 1979	8	11,480
			1979	(N)	4. 1, 1979 - 8. 3, 1979	(6)	164,132
			1979	(N)	6. 3, 1979 - 12. 20, 1979	13	
			1980	(N) (Report)	11. 24, 1980 - 12. 5, 1980	2	3,939
			1981	(N)	11. 1, 1981 - 11. 7, 1981	3	1,499
			Cumulative total				
6	Surveys for ASEAN Urea Fertilizer Plant Construction Programmes	F/S surveys were made for construction of a plant producing 1,000 tons of ammonia and 1,500 tons of urea per day using natural gas produced in the central Lukonia district in the offing of Binturu, Sarawak in Malaysia. The project was part of the ASEAN Five Big Industrial Projects and it was by yen credit. In fiscal 1980, domestic work was done to study technical problems and to make an economic evaluation.	1979	(N)	9. 2, 1979 - 10. 1, 1979	14	56,301
			1979	(N) (Report)	1. 14, 1980 - 1. 20, 1980	3	
			1980	(N)	(Work done in Japan)		5,159
			Cumulative total				61,460

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
7	Surveys for Tekai River Hydroelectric Power Programme	The purpose of the Programme was to review the surveys of the Papan Basin conducted by the Australian government from 1972 to 1974 and to present a substitute draft regarding the Tekai site development. Surveys were made on the industrialization of electric power supply to plants and densely populated districts by constructing two dams with a maximum output of about 104 MW and 12 MW at two points, one in the upstream and one in the downstream of the Tekai River. In fiscal 1980, a survey team was sent to hold an S/W consultation and sign its drafts. Fact-finding and data collection required to make fundamental surveys possible at the sites were made. In fiscal 1981 and 1982, fact-finding and domestic work such as surveying, topography, water and boring were made to prepare the interim reports, which were explained at the local sites. In fiscal 1983, with the domestic work finished, final reports were prepared and sent to the Malaysian government.	1980	(N) (Preliminary)	10. 27, 1980 - 11. 5, 1980	4	5,712
			1980	(N) (Preliminary)	2. 16, 1981 - 2. 21, 1981	2	
			1980	(N)	3. 1, 1981 - 3. 25, 1981	10	29,237
			1981	(N)	6. 17, 1981 - 12. 24, 1981	10	218,107
			1981	(N)	6. 17, 1981 - 10. 25, 1981	7	
			1981	(N) (Report)	2. 14, 1982 - 2. 23, 1982	3	
			1982	(N)	5. 16, 1982 - 12. 16, 1982	25	391,877
			1982	(N) (Report)	3. 6, 1983 - 3. 15, 1983	2	
			1983	(N) (Report)	7. 20, 1983 - 7. 29, 1983	2	50,660
	Cumulative total				695,593		
8	Surveys for Cement Plant Construction Programme in Kerantan	The purpose of the Programme was to study the supply and demand of cement and the possibility of exporting it in view of other new programmes of cement plant construction in Malaysia and to find out the possibility of implementing the cement plant construction project by using limestone found in the province. In fiscal 1981, F/S surveys for a yearly output of 740,000 tons of cement (Case A) at Talamera and 1,200,000 tons	1981	(N)	5. 11, 1981 - 6. 6, 1981	10	47,163
			1981	(N) (Report)	12. 21, 1981 - 12. 27, 1981	2	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		(Case B) at Gumsan were made. It was found that both cases had implementation possibilities. (Case B would be more profitable than Case A.)					
9	ASEAN Countries Mining Industry Project Selection Confirmation Survey		1982	(N)	6. 27, 1982 - 9. 2, 1982	(4)	(503)
10	Tennonpangi Hydroelectric Power Development Programme	The purpose of the Programme was to expand the hydroelectric project carried out in the Tennon valley of the Padas River. Its outline was to add to a 44-MW power plant in the lower part of the Pangli Power Station, to build a reservoir at Sook 50 Km up the Pangli Power station and to construct a Sook Power Station right under the reservoir. In fiscal 1983, the contents of the request were understood in a more concrete manner; and the will of the Malaysian government about the project in question was confirmed. A preliminary survey team was sent to survey the related sites and confirm major data required. In fiscal 1984, the survey plans were confirmed with the Malaysian side, and the sites were surveyed; also data on the present state of works being done by them were collected. In fiscal 1985, on-the-spot surveys including survey of the topography, materials, geological features, power circumstances, social and economical factors were carried out. Thus the interim reports were prepared, followed by domestic work and study of optimum development drafts.	1983	(N) (Preliminary)	12. 8, 1983 - 12. 17, 1983	5	8,619
			1984	(N)	3. 17, 1985 - 3. 29, 1985	7	9,732
			1985	(N)	6. 17, 1985 - 11. 13, 1985	19	149,380
			1986	(N) (Report)	8. 4, 1986 - 8. 17, 1986	5	75,685
			Cumulative total				
11	ASEAN Countries Mining Industry Project Selection Confirmation Survey		1983	(N)	6. 26, 1983 - 7. 27, 1983	(4)	(387)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
12	ASEAN Countries Mining Industry Project Selection Confirmation Survey (Plant renovation)	See "Asia In General".	1983	(N)	10. 30, 1983 - 11. 12, 1983	(4)	(828)
13	Salawak Small Hydroelectric Power Development Programme	The purpose of the Programme was to select a suitable place for a small-scale hydroelectric power station to supply electricity to the four towns of Kapito, Sllaman, Salikei and Limban in Salawak, and to study them from the technical and economic standpoints. In fiscal 1984, consultations with the Salawak Power Supply Public Corporation were made; site surveys were performed to carry out preliminary investigation of the validity and urgency of the programmes in question. The necessity of sending a preliminary survey team was confirmed. In fiscal 1985, rivers in the area of Kapito and Limban were surveyed and discussions with Malaysia were held about the S/W of the full-scale survey. In fiscal 1987, the topography and geological features of Muko and Mudamit II, hydroelectric power points chosen in fiscal 1986, were surveyed. Domestic analysis according to the obtained results was done; final reports were prepared and explained to the those concerned in Malaysia.	1984	(N) (Preliminary)	1. 24, 1985 - 2. 6, 1985	5	5,461
			1985	(N)	10. 8, 1985 - 10. 27, 1985	5	8,300
			1986	(N)	8. 5, 1986 - 1. 24, 1987	(Total)10	41,294
			1987	(N)	5. 25, 1987 - 3. 9, 1988	(Total)21	92,068
			Cumulative total				147,123
14	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Indonesia, Malaysia, Thailand, Philippine) See "Asia In General".	1984	(N)	8. 18, 1984 - 8. 22, 1984	1	533

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
15	Mining and Manufacturing Industry Project Follow-Up Surveys	(Malaysia, Bangladesh)	1984	(N)	3. 11, 1985 - 3. 23, 1985	(4)	(2,049)
			1985	(N)	(Preparation of report)	0	165
			Cumulative total				(2,214)
16	Kuranvalley Town Gas Supply Development Programme	The purpose of the programme was to map out plans for the development of a town gas supply system to the Kuranvalley district, which was making rapid growth as a municipal block, in order to effectively use natural gas produced in the Trengganu offing in the eastern part of the Malaysian peninsula. In fiscal 1985, preliminary surveys were made and an S/W was signed. In fiscal 1986, a demand survey was made, as well as fact-finding about the gas supply system. The results of the domestic work were written in final reports, which were then submitted to the Malaysian government.	1985	(N) (Preliminary)	1. 16, 1986 - 1. 25, 1986	5	5,974
			1986	(N)	5. 21, 1986 - 2. 28, 1987	(Total)22	110,936
			1987	(N)	(Reports sent)		208
			Cumulative total				117,118
17	ASEAN Countries Mining Industry Project Selection Confirmation Survey		1985	(N)	7. 10, 1985 - 7. 20, 1985	(1)	(370)
18	Lebill Dam Programmes	After presentation of the interim reports to the Malaysian government in March 1981, the surveys were suspended because the area to be submerged would be in violation of the Agricultural Project. Nevertheless, the Malaysian government asked Japan to resume surveys of the Programme in question. To confirm their request and to hold S/W consultations, a survey team was sent in	1986	(N) (Preliminary)	12. 8, 1986 - 3. 31, 1987	(Total)15	32,679
			1987	(N)	5. 5, 1987 - 3. 15, 1988	(Total)15	133,301
			Cumulative total				165,980

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
		December 1986. Then in March 1987, a full-scale survey team was sent to review the interim reports, survey the sites and layout the optimum development plans. The final reports were submitted to the National Electric Power Agency. In fiscal 1987, the topography was surveyed; the geological features and environment were investigated. The optimum development plans were prepared into interim reports and explanation meetings were held in Malaysia.					
19	Surveys for Confirmation of Mining and Manufacturing Industry Project	(Malaysia and several other nations)	1986	(N)	7. 15, 1986 - 7. 23, 1986 9. 27, 1986 - 10. 4, 1986	(1) (3)	(1,095)
			1987	(N)	8. 16, 1987 - 8. 22, 1987	(1)	246
			Cumulative total				1,341
20	Industrial Field Development/Promotion Programme	The purpose of the Programme was to survey the present conditions of industries and types of businesses that would be promising many years later when exports boomed and to find out any problems in developing Malaysian industries and in promoting exports. Finally, comprehensive programmes for improvements were to be mapped out. In fiscal 1987, preliminary surveys were carried out and implementation details were concluded; fact-finding was performed accordingly.	1987	(N) (Preliminary)	7. 27, 1987 - 8. 5, 1987	7	65,039

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
21	Affairs Related to Settlement of Survey Programmes	<p>(Malaysia, Indonesia)</p> <p>To cope with larger scales of overseas development plan survey programmes in much more detail, and to request diversifying cooperation each year, affairs under discussion were investigated to collect data from the nation, which made requests and neighboring nations related to the programmes and learned persons as much as possible so as to map out survey plans.</p> <p>In fiscal 1987, the following was conducted:</p> <p>(1) Various types of data were printed.</p> <p>(2) Copiers used to rationalize planning and various procedures were maintained and managed; supplies were bought.</p> <p>(3) To smooth overseas survey programmes, adjustments with government organizations in overseas offices were made, and reports were taken back.</p>	1987	(N)	3. 4, 1988 - 3. 9, 1988	(4)	(789)
		(Total of Overseas Development Plan Survey Programmes)					(1,975,392)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	
1	Project Selection Surveys	The Geological Survey Bureau, Malaysia, decided on the Bau district in Salawak as one of the mineral resources surveying projects under the fourth Malaysian Programme (1981 - 1985) but it was not materialized. Hence this district was included in the technical cooperation projects, and planning and programming were carried out for it. Necessary formalities were carried out in November 23, 1981 with E.P.U. to make requests to Japan about the project. On the other hand, KETENGAH (Central Torenaganu Special Development Agency) planned to make requests to Japan for technical cooperation in mineral resources surveys in Torenaganu. It was reported to E.P.U. But to make effective use of the surveys, the Japanese cooperation systems had to be explained to them and the most suitable place for the cooperation survey had to be selected. Thus, the project selection team was sent to discuss the projects.	1981	(O)	2. 12, 1982 - 2. 18, 1982	4	2,024	
2	Salawak District Resources Development Surveys	The Bau district to be surveyed under the survey programmes in question was part of the fourth mineral resources survey programme in Malaysia. Through Japanese cooperation, an attempt was made to explain geological features geological features with the help of geological surveys, geological-chemical surveys, physical surveys and boring methods. In fiscal 1982, geological features in over 540 km <sup>2</sup> of Bau district were surveyed. In fiscal 1984, geological surveys and geological-chemical surveys (close investigation) were made over 3.8 km <sup>2</sup> , as well as a physical survey (IP Engineering Method) over 9.9 km <sup>2</sup> and three holes 690 meters each were bored out.	1982	(O)	7. 29, 1982 - 2. 25, 1982	11	78,735	12,217
			1983	(O)	5. 11, 1983 - 1. 21, 1984	14	101,875	989
			1984	(O)	6. 4, 1984 - 12. 28, 1984	13	83,350	0
			1985	(O)	(Equipment supply)	0	0	4,013
			Cumulative total					263,960

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	Equipment supply
		In fiscal 1985, supplies for surveys were sent to Malaysia and surveys were finished.						
3	Sabah District Mineral Resources Development Surveys	The purpose of the surveys was to see discover copper deposits in Sabah. In fiscal 1985, the first year of the three-year plan, geological, geological-chemical (semisurvey of 8 km <sup>2</sup> ), physical (CSAMT 100 km <sup>2</sup> of foil), boring (eight holes; 2,700 m) surveys were made to find copper and molybdenum deposits. In fiscal 1986, geological, geological-chemical (56 km <sup>2</sup> ) and boring (three holes; 1100 m) surveys were made, and it was assumed that the range of copper deposit formation would be about 600 m across north and south, about 300 m across west and east, forming an (oval-shaped) adamelomacle rock body in the area of Panbangan. In fiscal 1987, boring surveys (five holes; 1500 m) were made.	1985	(O)	5. 19, 1985 - 5. 28, 1985	1	111,730	7,662
			1985	(O)	8. 4, 1985 - 3. 31, 1986	29		
			1986	(O)	4. 22, 1986 - 9. 21, 1986	5	246,407	2,915
			1986	(O)	9. 14, 1986 - 3. 24, 1987	8		
			1987	(O)	7. 1, 1987 - 11. 14, 1987	9	75,212	0
					Cumulative total			
4	Surveys for Project Selection Confirmation	The purpose of the surveys in question was to investigate the various conditions regarding the implementation of resources development surveys including the contents of requests, the nation's ability to accept cooperation, actual condition of geological features and deposits, and the contents of the surveys already done for nations which will promote mineral resources development or developing nations which would like to request cooperation to enable such development.	1987	(O)	3. 2, 1988 - 3. 12, 1988	5	2,492	
		(Total for Basic Survey for Resources Development Cooperation)			(Survey team) 701,825	(Equipment supply) 27,796	(Total) 729,621	

No.	Project name	Summary of project	E/N date signed	Amount of money (100 million yen)	Year of survey	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1000 yen)	
1	Fishery Survey Training Programme	Grant of fishery survey training ships with the object of fishery development in Sabah	1.14, 1982	3.5	1981	Basic design	8.9, 1981 - 8.29, 1981	5	Development survey	
					"	Expediting the execution (Survey)	3.13, 1982 - 3.18, 1982	1	499	
2	Construction Plan for Vocational Training Instructors and Advanced Skill Training Center	Construction of the Center where vocational training instructors and methods of supervisory and guidance in firms are taught to promote modern industrialization.	11.30, 1982	17.4	1982	Preliminary survey	4.8, 1982 - 4.22, 1982	2	Development survey  (Cumulative total) 2,702	
			12.16, 1983	20.6	"	Basic design	6.6, 1982 - 6.26, 1982	8		
					"	Explanation of reports	8.4, 1982 - 8.13, 1982	4		
					"	Expediting the execution (Survey)	10.13, 1982 - 10.22, 1982	(2)		(517)
					1983	Expediting the execution (Survey)	1.11, 1983 - 1.22, 1983	(2)		(461)
		1985	(M)	1.23, 1986 - 2.2, 1986	3	1,724				
3	Malaya University Japanese Language Center Construction Programme	In accordance with the "Look East" policy, as part of national development, students and vocational trainees are sent to Japan for study. A center to give Japanese language instruction to them before coming to Japan had to be built.	3.3, 1983	3.9	1982	Basic design	10.20, 1982 - 10.29, 1982	5	Development survey	
					"	Explanation of reports	2.15, 1983 - 2.24, 1983	2		
					1984	Expediting the execution (Survey)	8.7, 1984 - 8.20, 1984	(2)		729



No.	Project name	Summary of project	E/N date signed	Amount of money (100 million yen)	Year of survey	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1000 yen)
4	National Shrimp Seed Production Institute Construction Programme	Construction of facilities where tests, research and training should be given regarding mass production of shrimp seeds.	7.22, 1985	12.98	1984	Preliminary survey	7.4, 1984 - 7.18, 1984	3	Development survey
					"	Basic design	10.24, 1984 - 11.13, 1984	6	
					"	Explanation of reports	2.13, 1985 - 2.19, 1985	4	
					1985	Expediting the execution (Survey)	9.11, 1985 - 9.18, 1985	(1)	1,175
					"	Expediting the execution (Survey)	12.16, 1985 - 12.24, 1985	(1)	
5	ASEAN Poultry Disease Training Center Construction Programme	Construction of a center to study poultry diseases and train experts on poultry diseases.	9.10, 1986	8.73	1985	Preliminary survey	7.15, 1985 - 7.26, 1985	2	13,295
					"	Basic design	11.28, 1985 - 12.19, 1985	7	
					"	Explanation of reports	3.27, 1986 - 4.4, 1986	5	
					1986	Expediting the execution (Survey)	1.11, 1987 - 1.17, 1987	1	14,483
						Cumulative total			

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Malaya University Japanese Language School Building Expansion	The Japanese Language Center, opened to give Japanese language instruction to students going to Japan for study, did not have enough facilities to house all the students due to increasing numbers of students. Thus, it had to be expanded and augmented.	1987	Preliminary survey	10. 25, 1987 - 10. 31, 1987	4	10,520
				Basic design	1. 28, 1988 - 2. 11, 1988	7	
		(Total of Grant Aid Cooperation Programmes)					(43,403)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	
	Cacao Development Cooperation Programmes in Sabah	(1) Primary Basic Survey for Development From 1960 the Sabah government worked hard to reforest areas with Oil palm and Cacao trees. They hoped to develop and produce products from such trees to cope with increasing demands worldwide. Thus Japan sent survey teams to exchange views with the Malaysian authorities, perform fact-finding there, and conduct processing and marketing surveys. The possibility of Japanese firms' participating in the development programmes in question was investigated.	1977	Primary basic survey for development	2. 20, 1978 - 3. 12, 1978	9	8,395	
			1978		(Preparation of reports on the above)	0	393	
			1978	Secondary basic Survey for development	9. 7, 1978 - 10. 6, 1978	7	8,542	
			1979		(Preparation of reports on the above)	0	1,387	
		(2) Secondary Basic Survey for Development In view of the above results, 100,000 acres of land around Kinabatangan, Sabah, was chosen as the survey target area. Investigation of concrete conditions of investment was made. Surveys of natural conditions (weather, soil, vegetation, etc.), social-economical conditions (construction of plantations, labor force, and infrastructure) and of cultivation were also made. The basic development plans were mapped out.	1979	Development project survey	3. 2, 1980 - 3. 16, 1980	7	7,120	
			1980		(Preparation of reports on the above)	0	673	
			Cumulative total					26,510

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Unused Forestry Development Cooperation	(Thailand, Malaysia)	1978	Primary basic survey for development	4. 1, 1979 - 4. 30, 1979	(6)	(2,690)
			1979		(Preparation of reports on the above)		(418)
			"		(Survey of the previous year)		(198)
			Cumulative total				(3,306)
	Sago Palm Development Cooperation	(Indonesia, Malaysia)	1980	Basic primary survey	6. 3, 1980 - 6. 18, 1980	(6)	(2,549)
	Cacao Cultivation in Malaya Peninsula	This survey was made to map out development plans about a pilot farm business for producing good cacao beans. In fiscal 1980, marketing and distribution conditions were surveyed and surveys of plantations and of promotion plans were made.	1980	Development project survey	9. 18, 1980 - 10. 2, 1980	6	5,495
	Development Cooperation of Palm and the Like in Malaya Peninsula	This survey was made to observe the use of sagò palms thus far by the Sago Palm Group, including understanding of economical and technical problems in cultivation and to study the possibility of coconut palm plantations in districts lying on the east coast, which was given much attention. The Coconut Palm Group was in charge of the latter undertaking.	1980	Basic primary survey	(Sago Palm Group) 4. 9, 1980 - 4. 18, 1980	3	4,916
				Basic primary survey	(Coconut Palm Group) 4. 9, 1980 - 4. 28, 1980	4	
			1981		(Preparation of reports on the above)	0	403
			Cumulative total				5,319

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Papaya Cultivation Development Cooperation in Sabah	This survey was made to find the possibilities for a papaya cultivation business and to select suitable sites in deforested areas of Sandakan, Sabah, from where Japan was to harvest papaya. In fiscal 1981, surveys of the agricultural investment environment in the above district of the nature of a candidate area, of economic conditions and other related matters were made.	1981	Basic secondary survey	12. 8, 1981 - 12. 23, 1981	6	5,267
			1982	Basic secondary survey	(Preparation of report)		479
			Cumulative total				5,746
	Sago Palm Development Cooperation	The rich content of starch inside the trunks of sago palms has attracted much attention for use as food and as material for isomerism. The purpose of the cooperation was to map out the master plans for test business to establish a new artificial technology for effectively using sago palms in the Muka district, Salawak, where they are found in a semi-natural state. To make this possible, fact-finding about the sago palms current conditions, the manufacture of starch, and the distribution or cultivation state was carried out. As a result, it was found that there were many possibilities for development by improving food starch manufacturing technics and processing technology to give added value to palms and to improve facilities.	1982	Basic secondary survey	3. 29, 1983 - 4. 9, 1983	6	4,147
			1983	Basic secondary survey	(Work done in Japan)	0	2,010
			Cumulative total				6,157
	Development of Wooden Energy Use	(Philippine, Malaysia, Singapore)	1982	Basic primary survey	2. 21, 1983 - 3. 11, 1983	(6)	(2,031)
			1983	Basic primary survey	(Preparation of report)	0	241
			Cumulative total				2,272

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Southeast Asian Special Forestry Development Cooperation	(Singapore, Malaysia, Thailand)	1985	Basic primary survey	11. 8, 1985 - 12. 3, 1985	(4)	(1,174)

Project name	Summary	Fiscal year	Survey teams				Experts			Equipment supply		Grand total of expenditures (1,000 yen)	
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Expenditures (1,000 yen)	Names of major equipment items	Expenditures (1,000 yen)		
							On-going	New					
Experimental Development Plan for Effective Use of Limestone	<p><b>Purpose:</b> To map out a plan for development of experimental business regarding light quality calcium carbonate added to high-class paint or paper, there by making effective use of limestone produced in Perulis or other districts.</p> <p><b>Outline:</b> The above business concept was explained to the Malaysian government and related organizations; and collection of information on raw materials, on deposits, on business plans, and other general items was made for carrying out a basic survey.</p> <p><b>Result:</b> Items and problems pertaining to the above survey were understood and the possibility of the business was shown.</p>	1986	Development project survey	3.4, 1987 - 3.21, 1987	6	10,302						10,302	
		1987	Preparation of report	-	-		335						335
		Cumulative total						10,637					

Project name	Summary	Fiscal year	Survey teams				Experts		Equipment supply		Grand total of expenditures (1,000 yen)
			Type of survey	Survey terms	Number of staff members	Expenditures (1,000 yen)	Number of experts		Names of major equipment items	Expenditures (1,000 yen)	
							On-going	New			
Spice Crop Cultivation Development Cooperation Plan	<p><b>Outline:</b> Surveys of the cultivation environment of crops to be developed, of the investment environment, and of the cultivation state of spice crops in Malaysia were carried out.</p> <p><b>Result:</b> The direction for implementing the plan in question and the effect of the development cooperation were clarified.</p> <p><b>Purpose:</b> The possibility of making a commercial business through the production of spice crops, which would be new farm products for the Malaysian government, was studied. Spice crops include jasmine, kananga and chuberose.</p>	1986	Basic primary survey	6.16, 1986 - 6.28, 1986	5	4,283				4,283	



No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Experimental Plan for Effective Use of Palm Oil	<p><b>Purpose:</b> To map out an experimental business plan to supply electric power to non-electrified districts by using palm oil (especially low quality palm oil) and palm waste oil as electrical fuel.</p> <p><b>Outline:</b> The above plan was briefed to the Malaysian government and related authorities and basic surveys were made as required to map out implementation of the above plan covering business implementation site, raw materials, economical analysis, etc.</p> <p><b>Result:</b> Use of low quality palm oil as electric power in remote areas was recognized by the Malaysian government as meaningful and the possibility of the business plan was shown.</p>	1987	Development project survey	11. 5, 1987 - 11. 20, 1987	6	11,082

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Survey on Loan to Related Facilities Completion Plan	(Malaysia, Philippine)	1974	Financial cooperation	2. 10, 1975 - 2. 26, 1975	(3)	(846)
	Survey on Loan to Related Facilities Completion Plan	(Malaysia, Philippine)	1975	Financial cooperation	4. 24, 1975 - 5. 5, 1975	(3)	(651)
	Survey on Scrutiny of Treasury Investment and Loan on Agriculture Development	(Malaysia, Thailand)	1975	Financial cooperation	10. 14, 1975 - 11. 2, 1975	(3)	(894)
	Financial cooperation	(Malaysia, Thailand)	1976	Financial cooperation	11. 7, 1976 - 11. 21, 1976	(3)	(861)
	Survey on Loan to Related Facilities Completion Plan	(Indonesia, Malaysia)	1976	Financial cooperation	12. 2, 1976 - 12. 17, 1976	(2)	(841)
	Survey on Scrutiny of Treasury Investment and Loan for Kotakinapal New Port Land Development Plan	Survey before loan to scrutinize the effect of economical cooperation and the validity of the business plan on loaning construction capital for roads bridges and related facilities of the Kotakinapal New Port Land Development Plan in Sabah Malaysia	1976	Financial cooperation	3. 22, 1977 - 3. 30, 1977	2	1,166
	Appraisal and Survey on Mining Industry Investment and Finance	(Indonesia, Malaysia, Singapore)	1977	Financial cooperation	2. 22, 1978 - 3. 4, 1978	(4)	(651)
	Survey after Loan on Infrastructure Related to Kotakinapal and for Discovery of Any Would-be Partner for Treasury Investment and Loan	(Malaysia, Sri Lanka)	1978	Financial cooperation	11. 26, 1978 - 12. 10, 1978	(3)	(935)

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Financial Cooperation	Survey after loan for administering related facilities together with the copper mine development programme in the Smute, Sabah	1979	Financial cooperation	3. 3, 1980 - 3. 11, 1980	3	1,271
	Financial Cooperation	(Malaysia, Singapore)	1979	Financial cooperation	3. 12, 1980 - 3. 22, 1980	(4)	(1,021)
			1980				(8)
			Cumulative total				(1,021)
	Financial Cooperation	Post-loan survey of the experimental business in spice cultivation (pepper, cloves, etc.) in Johre	1980	Financial cooperation	12. 11, 1980 - 12. 19, 1980	4	2,044
			"				36 (Preparation of report on carried over expenses)
			Cumulative total				2,080
	Financial Cooperation	(Malaysia, Thailand)	1981	Financial cooperation	11. 21, 1981 - 12. 5, 1981	(3)	(1,354)
	Financial Cooperation	(Philippine, Malaysia)	1981	Financial cooperation	10. 13, 1981 - 10. 31, 1981	(3)	(946)
	Experimental Business in Soft Ground Improvement Method	Before-Loan Survey of Experimental Business in Soft Ground Improvement Method	1982	Financial cooperation	2. 17, 1983 - 2. 23, 1983	4	2,161
	Survey for Treasury Investment and Loan to Penang	Post-Loan survey of facilities associated with polyster staple development business	1982	Financial cooperation	8. 11, 1982 - 8. 21, 1983	(3)	1,602

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
	Appraisal and Survey on Mining Industry Investment and Finance	(India, Malaysia, Singapore) Explanation of treasury investment and loan system and of searching out new clients	1982	Financial cooperation	10. 6, 1982 - 10. 20, 1982	(4)	(1,484)
	Survey on Scrutiny of Forestry Development Treasury Investment and Loan, etc.	(Malaysia, Thailand)	1982	Financial cooperation	8. 2, 1982 - 8. 16, 1982	(4)	(1,628)
	Financial Cooperation	(Indonesia, Malaysia) Explanation of treasury investment and loan system and of searching out new clients	1983	Financial cooperation	3. 20, 1984 - 3. 31, 1984	(4)	(1,484)
	Survey on Scrutiny of Forestry Development Treasury Investment and Loan, etc.	Post-loan survey of facilities associated with para rubber development in Malacca and forestry development in Salwak	1984	Financial cooperation	5. 6, 1984 - 5. 16, 1984	3	2,193
	Appraisal and Survey on Mining Industry Investment and Finance	Before-Loan Survey of facilities associated with Trengganu Complete Steel Manufacturing Plan and Malaysian Plate Glass Plant, Experimental Business of Karion Development and Tin Mine Application Development	1984	Financial cooperation	10. 11, 1984 - 10. 23, 1984	5	3,417
	Appraisal and Survey on Asian Investment and Finance	(Malaysia, Singapore, Hong Kong) Explanation of treasury investment and loan system and of searching out new clients	1985	Financial cooperation	4. 7, 1986 - 4. 19, 1986	(5)	(1,263)
1986							6
Cumulative total							1,269



Project name	Fiscal year	Number of specialists	Terms of dispatching	Specialist Actual expenditures (1000 yen)	Contents of technical instruction
Technical Guidance on Strait of Malacca Navigation Assisting Facilities Construction	1976	1	11. 22, 1976 - 12. 22, 1976		
"	1977	1	10. 24, 1977 - 11. 13, 1977		
"	"	1	2. 14, 1978 - 3. 6, 1978		
"	1978	3	3. 20, 1979 - 3. 29, 1979		
"	1979	1	7. 24, 1979 - 8. 17, 1979	812	
"	"	2	3. 9, 1980 - 3. 28, 1980		
Navigation of Strait of Malacca (Indonesia, Malaysia, Singapore)	1981	(1)	2. 3, 1982 - 2. 17, 1982	(205)	
"	"	(2)	2. 15, 1982 - 3. 2, 1982		
Navigation of Strait of Malacca (Indonesia, Malaysia, Singapore)	1982	(1)	7. 7, 1982 - 7. 24, 1982	(617)	
		(1)	7. 8, 1982 - 7. 16, 1982		
		(1)	7. 22, 1982 - 8. 9, 1982		
		(1)	11. 10, 1982 - 11. 18, 1982		

Project name	Fiscal year	Number of specialists	Terms of dispatching	Specialist Actual expenditures (1000 yen)	Contents of technical instruction
Navigation of Strait of Malacca (Indonesia, Malaysia, Singapore)	1982	(1)	11. 17, 1982 - 12. 17, 1982		
	"	(1)	2. 19, 1983 - 3. 6, 1983		
Malacca Strait Maritime Navigation Aids (Indonesia, Malaysia, Singapore)	1983	(1)	8. 9, 1983 - 9. 8, 1983	(693)	Association of Strait of Malacca gives technical guidance on construction plans, maintenance and control regarding beacon completion in the Strait of Malacca based on the recommendation of the Intergovernment Maritime Organization (IMO).
	"	(1)	10. 25, 1983 - 11. 27, 1983		
	"	(1)	11. 17, 1983 - 12. 14, 1983		
	"	(1)	11. 30, 1983 - 12. 14, 1983		
	"	(1)	2. 5, 1984 - 3. 6, 1984		
Malacca Strait Maritime Navigation Aids (Indonesia, Malaysia, Singapore)	1984	(1)	7. 17, 1984 - 8. 5, 1984	(1,041)	Do.
	"	(1)	8. 1, 1984 - 8. 31, 1984		
	"	(1)	11. 1, 1984 - 11. 16, 1984		
	"	(1)	1. 22, 1985 - 2. 21, 1985		
	"	(1)	3. 7, 1985 - 3. 30, 1985		
	"	(2)	3. 11, 1985 - 3. 30, 1985		

Project name	Fiscal year	Number of specialists	Terms of dispatching	Specialist Actual expenditures (1000 yen)	Contents of technical instruction
Navigation of of Strait of Malacca (Indonesia, Malaysia, Singapore)	1985	(2)	7. 30, 1985 - 8. 24, 1985	(748)	
		(1)	9. 16, 1985 - 10. 2, 1985		
		(1)	1. 22, 1985 - 2. 22, 1985		
		(1)	3. 7, 1986 - 3. 15, 1986		
		(1)	3. 19, 1986 - 3. 30, 1986		
Construction of Facilities Assisting Navigation in the Strait of Malacca (Indonesia, Malaysia, Singapore)	1986	(1)	7. 14, 1986 - 8. 13, 1986	(911)	
		(1)	8. 13, 1986 - 8. 22, 1986		
		(1)	10. 25, 1986 - 11. 30, 1986		
		(1)	11. 21, 1986 - 11. 30, 1986		
		(1)	11. 28, 1986 - 12. 14, 1986		
		(1)	12. 3, 1986 - 12. 14, 1986		
		(1)	1. 19, 1987 - 2. 21, 1987		

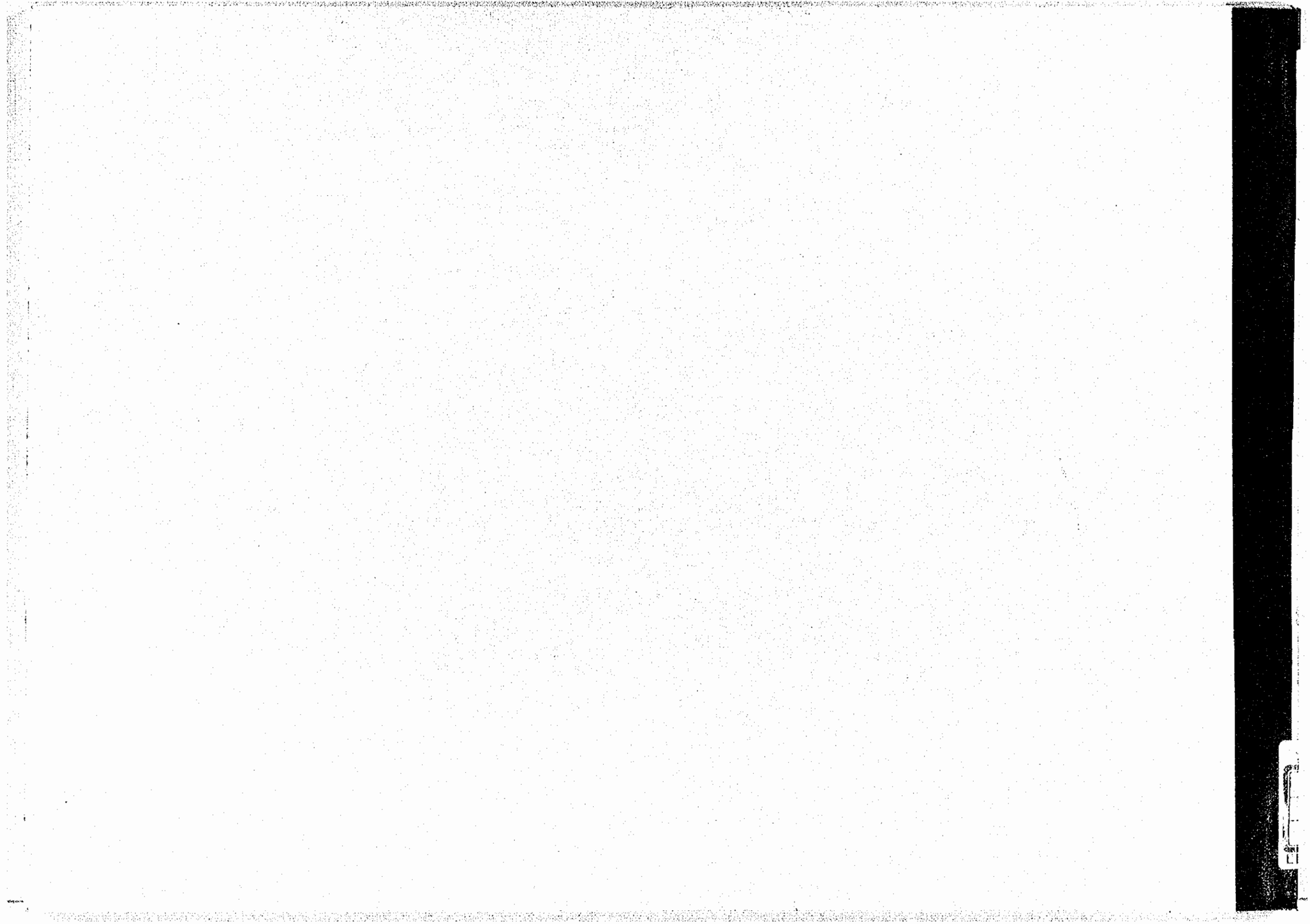


Project name	Fiscal year	Number of specialists	Terms of dispatching	Specialist Actual expenditures (1000 yen)	Contents of technical instruction
Construction of Facilities Assisting Navigation in the Strait of Malacca (Indonesia, Malaysia, Singapore)	1987	(1)	6. 15, 1987 - 7. 18, 1987	(663)	
		(1)	11. 18, 1987 - 12. 21, 1987		
		(1)	1. 31, 1988 - 2. 11, 1988		
		(1)	2. 29, 1988 - 3. 14, 1988		
		(1)	2. 29, 1988 - 3. 14, 1988		
	Cumulative total			(5,690)	

Training subject	Fiscal year	Number of trainees	Training terms	Training Institute	Actual cost (thousand yen)
Training of Agricultural Development Project Leaders through a Agricultural Cooperative	1974	2	3. 5, 1975 - 3. 28, 1975	Promotion Organization of Asian Agricultural Cooperative Associations	1,440
Training of Forestry Development Project Leaders	"	2	3. 8, 1975 - 3. 31, 1975	Japan Forestry Development Association	
Oil Palm Joint Venture	1975	1	2. 10, 1976 - 3. 6, 1976	Overseas Agricultural Development Association	444
Extermination of Diseases and Harmful Insects (Fruit and Vegetables)	1978	1	7. 3, 1978 - 8. 2, 1978	Tomatsu Plantation	1,006
	Cumulative total				2,890

	(Trainees)	(Experts)	(Survey Team)	(Total)
(Total of Development Cooperation Programmes)	2,890	5,690	116,941	125,521

	(Trainees)	(Experts)	(Survey Team)	(Volunteers)	(Equipment supply)	(Other)	(Total)
(Malaysia, Total for All Business Programmes)	6,983,193	6,632,427	11,674,710	3,885,425	4,450,462	585,569	34,211,786



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