

Statistics on cumulative expenditure of JICA technical cooperation by project in the Republic of Singapore.

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

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

- (NOTES) (1) The data herein describe the cumulative expenditure for JICA Technical Cooperation made in the Republic of Singapore as well as its breakdown by thereof 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) Expenses 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) Singapore

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	2,047,603		19,991				2,067,594
	1984	343,438		2,703				346,141
	1985	331,135		8,327				339,462
	1986	277,809		7,966				285,775
	1987	217,904		3,274				221,178
	Cumulative Total		3,217,889		42,261			
(Total for Trainee Acceptance Projects)		(3,217,889)		(42,261)				(3,260,150)
(Expert Dispatch Programme)	-1983		1,253,723			96,126		1,349,849
	1984		98,556			13,717		112,273
	1985		102,278			7,786		110,064
	1986		123,113	253		5,175		128,541
	1987		56,381	339		4,896		61,616
	Cumulative Total		1,634,051		592		127,700	
(Total for Projects Requiring the Dispatch of Technical Advisers)			(1,634,051)	(592)		(127,700)		(1,762,343)
(Equipment Supply Programme)	-1983			329		56,885		57,214
	1984					12,534		12,534
	1985					1,915		1,915
	1986			724				724
	1987					2,724		2,724
	Cumulative Total				1,053		74,058	
(Total for Equipment Supply Programme)				(1,053)		(74,058)		(75,111)

(NATION) Singapore

P.2
(Unit: 1,000 yen)

Name of programme or item	Fiscal year	Trainees	Experts	Survey team	Volunteers	Equipment Supply	Other	Total
(Youth Invitation Programme)	-1983							
	1984	185,782		4,808			17,464	208,054
	1985	207,084		5,410			17,090	229,584
	1986	192,625		4,082			18,236	214,943
	1987	192,597		3,246			17,143	212,986
	Cumulative Total	778,088		17,546			69,933	865,567
(Total for youth invitation programme)		(778,088)		(17,546)		(69,933)	(865,567)	
(Public Welfare Programme for Experts)	-1983						30,264	30,264
	1984			595			4,536	5,131
	1985						4,853	4,853
	1986			761			9,351	10,112
	1987			1,795			6,190	7,985
	Cumulative Total			3,151			55,194	58,345
(Total for Public Welfare Programme for Experts)				(3,151)		(55,194)	(58,345)	
(Programme for Recruiting and Training Experts)	-1983			4,800			63,955	68,755
	1984						16,803	16,803
	1985						17,684	17,684
	1986			880			22,479	23,359
	1987						20,485	20,485
	Cumulative Total			5,680			141,406	147,086
(Total for Programme for Training and Retaining Experts)				(5,680)		(141,406)	(147,086)	

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					
Prototype Production Training Center Type of Agreement: Agreement Date Signed: 10.15, 1966 Cooperation Term: Initial) 10, 1966 - 10, 1970 Extension) 10, 1970 - 10, 1972	In September 1962, the Singaporean Government requested Japan to establish a centre for developing prototypes of metal and machinery products and to provide engineers to engage in such work. Japan responded to the request by sending a preliminary survey team in March 1965, an implementation survey team in June 1966, respectively, and after due consideration, decided on the cooperation to establish the said centre. The agreement was signed on October 15, 1966. This centre is administered by the EIDA, and consists of Production and Designing Divisions. The two divisions' mutual objective is, under close cooperation between them, to place engineers, technicians, skilled workers, and semi-skilled workers on production sites, and to provide them with consistent and well-organized training for learning to design, manufacture, and finish development prototypes of metal machinery products. The fields of Technical Cooperation are as follows: (1) metal working: to design and manufacture machinery and tools (2) development and improvement of production technique	1965											
		1965	Field survey		5	2,345							2,345
		1966					-	11	25,590		124,348		149,938
		1968						11	1	38,119		29,998	68,117
		1969					175	12	-	43,852		29,906	73,933
		1970						12	2	41,782			41,782
		1971						7	1	20,889		10,486	31,375
		1972	Evaluation (Survey)		(2)	(287)	7	-	11,849				(287)
		1973						2*	-	448			448
			Cumulative total				(2,805)			182,529		194,738	380,074

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]	1982	Evaluation (Survey)	11.22, 1982 - 12.9, 1982	5	3,765	14	7	189,329	Drilling machine electric furnace Rockwell hardness tester, etc.	12,968	206,062														
	<table border="1"> <thead> <tr> <th>Fiscal year</th> <th>'78</th> <th>'79</th> <th>'80</th> <th>'81</th> <th>'82</th> <th>'83</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>7</td> <td>4</td> <td>4</td> <td>4</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Fiscal year	'78	'79	'80	'81	'82	'83	No.	7	4	4	4	1	1	1983					14	-	56,539			56,539
Fiscal year	'78	'79	'80	'81	'82	'83																				
No.	7	4	4	4	1	1																				
		Cumulative total				15,387			661,012		603,349	1,279,748														

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>or the developmental period, starting in fiscal 1986.</p> <p>Eleven fields of cooperation were defined, including administrative supervision, training, labour management, etc., and pragmatic cooperative efforts were emphasized by actively introducing OJT for counterpart training.</p> <p>Evaluations of cooperative effectiveness made in September 1987 and February 1988 confirmed a high degree of achievement by the project as a whole. Further cooperation is being planned for the fields in which objectives have not yet been achieved.</p> <p>[Number of counterparts accepted]</p> <table border="1" data-bbox="626 1266 1101 1381"> <tr> <td>Fiscal year</td> <td>'81</td> <td>'82</td> <td>'83</td> <td>'84</td> <td>'85</td> </tr> <tr> <td>No.</td> <td>4</td> <td>4</td> <td>38</td> <td>33</td> <td>26</td> </tr> </table> <table border="1" data-bbox="626 1436 899 1554"> <tr> <td>Fiscal year</td> <td>'86</td> <td>'87</td> </tr> <tr> <td>No.</td> <td>27</td> <td>28</td> </tr> </table>	Fiscal year	'81	'82	'83	'84	'85	No.	4	4	38	33	26	Fiscal year	'86	'87	No.	27	28	1985	Itinerant technical advisory survey	1.12, 1986 - 1.16, 1986 4.2, 1986 - 4.9, 1986	3 8	17,577	11	21	216,674	(G)6,489	240,749
		Fiscal year	'81	'82	'83	'84	'85																						
		No.	4	4	38	33	26																						
		Fiscal year	'86	'87																									
No.	27	28																											
1986	"	3.9, 1987 - 3.17, 1987	5	16,243	8	35	263,921		10,826	290,990																			
1987	Evaluation (Survey)	10.1, 1987 - 10.9, 1987 2.1, 1988 - 2.10, 1988	14	42,437	16	27	267,937	Personal computer, etc.	18,534	328,908																			
			Cumulative total		119,702			1,077,724	53,703	1,251,129																			

Object 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					
(structure structural corrosion research Pan-ASEAN science and technology cooperation) operation in: (initial) 10.1, 1987 - 9.30, 1990	<p>In 1983 Prime Minister Nakasone advocated technical cooperation with ASEAN nations, and emphasized, that the Japanese need to share their scientific technology with ASEAN countries. It was suggested that each ASEAN nations establish its own national project in material science so as to be able to host other countries for that particular theme. The results achieved can then be shared among ASEAN nations. As its national research project Singapore expressed its desire to execute corrosion preventive measures against (1) high-structured drinking water tanks, and (2) harbor structural constructions.</p> <p>The cooperation will extend over a three-year period from 1 December 1987 - 30 December 1990, implementing research on the corrosion of - (1) building structures (especially high-structure water tank), and (2) reinforced concrete structures in harbors, namely on (1) state of deterioration and method of its survey and (2) preventive measures against corrosion of reinforcing steel in marine environments (state of deterioration and method of its survey, and development of anti-corrosion measures.) The correspondent Singaporean agency is the Singaporean Committee of Sciences.</p>	1985	Pre-liminary survey	8.4, 1985 - 8.13, 1985	(7)	(2,920)		5	...			(2,920)	
		1987	Field survey	8.10, 1987 - 8.15, 1987	5	2,879		7	6,961	Corosometer, etc.	30,618	40,458	
			Cumulative total				5,799			6,961		30,618	43,378

(Total of Technical Cooperation Center Programmes)

(230,007)

(3,598,286)

(2,138,452) (5,966,745)

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				
Elimination of high scope		1976					-	2	1,679			1,679
scopy		1978					-	1	721		(G) 440	1,161
rhea		1980					-	1	497			497
estinal tract ragious ease		1980					-	1	497			497
iatrics		1983				(B) 129	-	1	662		(G) 935	1,726
		1985				(B) 41	-	4	3,481		(G) 1,545	5,067
		Cumulative total				170			4,143		2,480	6,793
	(Total of Health and Medicine Cooperation Programmes)					(170)			(7,537)		(2,920)	(10,627)

Agriculture & Forestry Cooperation Programme

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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			
Survey for comparing standards for Asian & Pacific	(Thailand, Philippines, Singapore) See the section on Asia in general for details.	1983	Basic survey	2.5, 1984 - 2.19, 1984	(6)	(4,996)					(4,996)
(Total of Agriculture & Forestry Cooperation Programmes)						(4,996)					(4,996)

Industry Development Cooperation Programme

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			
Preliminary survey of Natural Rubber development technical cooperation	(Indonesia, Malaysia, Singapore, Philippines, Thailand) See the section on Asia in general for details.	1975	Pre-liminary survey	1.19, 1976 - 2.17, 1976	(4)	(922)					(922)
(Total of Industry Development Cooperation Programmes)						(922)					(922)

Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
Industrial Land Development Plan & Survey	Survey for building and improving industrial land in the Southwest Jurong District.	1960		11. 1960 - 12. 1960	6	2,220
Jurong City Japanese Garden Building Plan. Execution Plan. Construction Management	Preparation of detailed design and construction management of the Japanese garden design programme, a part of Jurong City planning, based on the basic design prepared by the expert dispatched under the Colombo Plan.	1970	Detailed design (Survey)	1. 7, 1971 - 3. 31, 1971	4	33,681
		1971	Detailed design (Survey)	4. 1, 1971 - 9. 6, 1971	(4)	14,698
		"	Detailed design (Survey)	8. 10, 1971 - 8. 19, 1971	1	
Shoal Dredging Plan and Survey	The vital navigation route between the Straits of Malacca and Singapore is within the Singaporean territorial waters, and it is the main passage for large tankers that link Japan and the Middle East. The maintenance of security in the passage is of top priority for the countries along its coast and those making use of it as a navigational route. Widening of the navigable breadth of the strait raised the need for dredging the shoals nearby. Studies of the costs and methods of eliminating such shoals, of the earth filling to be made available for land reclamation planned for housing land development, and of method of land reclamation were conducted simultaneously as a preliminary survey of "shoal" and "reclamation." A full survey was then conducted based on the preliminary survey, and a final report was prepared and submitted.	1978	Preliminary survey	6. 25, 1978 - 7. 8, 1978	8	10,259
		"	Field survey	9. 21, 1978 - 3. 8, 1978	25	113,913
		Cumulative total				

Cumulative total
48,379

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
4	Preparation of a Consolidated Chart of Malacca and Singapore Straits - Phase II	See the section on Asia in general for details.	1981	Field survey	9. 17, 1981 - 10. 18, 1981	(7)	(4,019)
			1982	"	(Preparation of report)	0	(1,966)
			Cumulative total				(5,985)
5	Productivity Promotion Plan (ASEAN Personnel Development Programme)	<p>In order to achieve the Singaporean objective of developing capital-intensive and technology-intensive industries, and thus become able to manufacture and export industrial products of higher added value, the country to must further develop human resources, introduce and propagate productivity, promoting techniques inclusive of management and quality control. In view of such requirements, the Singaporean government is keenly interested in the Japanese productivity movement, and has requested Japanese assistance in this field.</p> <p>A basic design survey of the equipment and material required for implementation of the requested project was conducted in response to the request. For the project-type cooperation of this programme, refer to the Technical Cooperation Center Programme; and for aid grant cooperation, refer to the Grant-in-aid programme.</p>	1982	(J)	12. 27, 1982 - 3. 12, 1982	4	5,300
			"	(J)	3. 17, 1983 - 3. 29, 1983	1	
			1983	(J)	5. 29, 1983 - 6. 18, 1983	8	36,620
			"	(J)	8. 25, 1983 - 9. 3, 1983	4	
			Cumulative total				41,920

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
6	Economic Technical Cooperation Survey	In the annual consultation, Japanese economical and technical cooperation performance was reviewed, views were exchanged on various problems encountered in implementing the cooperation, and the economical and technical cooperation projects to be implemented in fiscal 1982 were selected and confirmed. (Annual Consultation)	1982	Preliminary survey	8. 25, 1982 - 9. 1, 1982	(6)	998
7	Economic Technical Cooperation Survey	Fiscal 1983 annual consultation.	1983	Preliminary survey	7. 2, 1983 - 7. 5, 1983	(7)	1,278
8	ASEAN Economical and Technical Cooperation Comprehensive Survey	(Thailand, Philippines, Singapore, Indonesia, Malaysia)	1983	Preliminary survey	10. 30, 1983 - 11. 12, 1983	(2)	428
9	CENTOSA Satellite Earth Station Renovation Programme	This survey relates to the renovation of the INTELSAT Indian Ocean earth station. In line with the contact survey implemented in fiscal 1984, a preliminary survey was executed in fiscal 1985. An S/W was then concluded, a full-scale survey was conducted, and a progress report was compiled. The final report was prepared and submitted in fiscal 1986.	1984	Preliminary survey	10. 8, 1984 - 10. 13, 1984	3	1,790
			1985	"	2. 2, 1986 - 2. 7, 1986	3	10,665
			"	Field survey	3. 18, 1986 - 3. 31, 1986	6	
			1986	"	(Preparation of report)		14,188
			Cumulative total				26,641
10	Economic Technical Cooperation Survey	Fiscal 1985 annual consultation	1985	(L)	5. 9, 1985 - 5. 16, 1985	(6)	1,342

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)
11	Urban Transportation Improvement Programme Survey	A summary review was made of the feasibility of introducing a new transportation system for a large-scale, new town. A detailed case study was made of a specific area thereof, and an on-site survey was conducted in fiscal 1987, findings of which were made into an interim report and submitted.	1986	Preliminary survey	2. 8, 1987 - 5. 16, 1987	8	9,057
			1987	Field survey	9. 3, 1987 - 4. 30, 1988	28	128,511
			Cumulative total				137,568
12	Economic Technical Cooperation Survey	Fiscal 1986 annual consultation	1986	(L)	8. 12, 1986 - 8. 19, 1986	(6)	(1,555)
13	Economic Technical Cooperation Survey	Fiscal 1987 annual consultation	1987	(L)	8. 16, 1987 - 8. 22, 1987	(4)	(1,299)
14	Economic Technical Cooperation Evaluation Survey	Evaluation survey conducted by experts	1987	Aid evaluation	9. 6, 1987 - 9. 13, 1987	(2)	(673)
15	Research and Basic Survey on Tourism Development Plan	Inland survey of tourism development potential and anticipated problems in developing nations.	1987	Project study	-	-	(1,205)
		(Total of Development Survey Programme)					395,663

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	Six Southeast Asian Countries - Iron and Steel Industry Development/Expansion Programme Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand, Taiwan)	1968	(N)	6. 19, 1968 - 7. 11, 1968	(8)	(2,014)
			"	(N)	7. 22, 1968 - 8. 14, 1968	(8)	
2	Southeast Asian Mining Industry Project Selection Confirmation Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1972	(N)	5. 31, 1972 - 6. 20, 1972	(2)	(238)
3	Survey of Environmental Effect from Construction and Operation of Coal Thermal Power Plant and Integrated Steel Mills	This survey is to fully evaluate the current state of environmental pollution on Seraya Island on the west coast off Jurong and on Tekon Island on the east coast off Changi, the planned sites of a coal thermal power plant and integrated steel mill, respectively. An appraisal of the effects of sulfur dioxide (SO ₂) generated by such establishment on the environment at the present industrial zones, residential areas, recreational areas, and Changi New International Airport, as well as on the quality of water in the sea surrounding Singapore Island was made, and the data thus obtained were submitted to Singaporean government as essential reference material for its review of environmental pollution countermeasures. An on-site survey of water flow-rate, water temperature and salinity, water quality, etc., was implemented in fiscal 1981. Two more on-site surveys were conducted on the remainder of survey task, such as data collection from smoke sources, maintenance and retrieval of equipment, etc. Analytical work on the data was conducted in Japan, and a draft report of findings was compiled.	1980	(N)	12. 8, 1980 - 12. 20, 1980	8	8,198
			"	(N)	2. 15, 1981 - 3. 26, 1981	12	38,904
			1981	(N)	6. 15, 1981 - 7. 14, 1981	10	67,061
			"	(N)	10. 25, 1981 - 10. 31, 1981		
			"	(N) (report)	2. 1, 1982 - 2. 11, 1982	2	
			1982	(N)	5. 23, 1982 - 5. 29, 1982	6	45,135
			"	(N)	7. 15, 1982 - 7. 24, 1982		
			1983	(N) (report)	5. 29, 1983 - 6. 5, 1983	4	6,013

Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	Equip-ment supply
	On-site briefings were made of the report, and the final report was prepared in fiscal 1983. Consultations with the Singaporean government were held in fiscal 1983 regarding the extend and method of a survey on the effect of coarse particles, and subsequently, the state of pollution from them was observed at 20 fixed observation spots in the country. Based on the data thus obtained, together with separately collected data on their generating sources, a forecast was made of the pollution from the currently planned coal thermal power plant and integrated steel mill, and submitted to the government as data for environmental measures to be taken against coarse particles.	1983	(N) (pre-liminary)	6. 1, 1983 - 6. 7, 1983	2	48,952	22,933
		"	(N)	11. 23, 1983 - 12. 25, 1983	14		
		"	(N)	2. 27, 1984 - 3. 25, 1984			
		1984	(N)	1. 11, 1984 - 7. 8, 1984	17	70,646	
		"	(N)	9. 3, 1984 - 9. 30, 1984			
		1985	(N) (report)	10. 13, 1985 - 10. 19, 1985	4	11,582	
		Cumulative total					296,491
4 ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Philippines, Thailand, Malaysia, Singapore)	1982	(N)	6. 27, 1982 - 9. 2, 1982	(4)	(503)	
5 ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1983	(N)	6. 26, 1983 - 7. 27, 1983	(4)	(387)	
6 ASEAN Countries Mining Industry Project Selection Confirmation Survey (plant renovation)	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1983	(N)	10. 30, 1983 - 11. 12, 1983	(4)	(828)	

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	Mining and Manufacturing Industries Project Selection and Confirmation Survey	<p>In order to effectively facilitate the survey related to mining and manufacturing industries in Singapore, the potential for co-operation in the projects being requested and those for which such requests are likely to arise were studied from the overall perspective of economic development of the country. The most feasible projects and the data pertinent to them are being determined.</p> <p>The survey conducted in fiscal 1984 consisted of (1) clarification of the nature of the economic development plan and especially that of mining and manufacturing industries, and the state of progress of related projects, (2) the cases for which cooperation from Japan is requested related to mining and manufacturing industries projects in Singapore, (3) the survey and selection of cases in which Japan is able to render cooperation among such industries, and (4) the collection of related data.</p>	1984	(N)	3. 18, 1985 - 3. 23, 1985	7	4,504
8	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1985	(N)	5. 7, 1985 - 5. 16, 1985	(1)	(351)
9	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Thailand, Singapore)	1986	(N)	8. 12, 1986 - 8. 19, 1986	(1)	(245)
10	Mining and Manufacturing Industries Project Selection and Confirmation Survey (Annual consultation)	(Malaysia, Singapore)	1987	(N)	8. 16, 1987 - 8. 22, 1987	(1)	(245)

(Total of Overseas Development Plan Survey Programmes)

Survey team Equipment supply Total

[Development Cooperation-Type Technical Cooperation]
Development Basic Survey

P.25

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	Development of Wood Energy Utilization	(Philippines, Malaysia, Singapore)	1982	Basic primary survey	2. 21, 1983 - 3. 11, 1983	(6)	(2,031)
			1983	"	(Preparation of report)		(241)
2	Cooperation to Develop Southeast Asian Indigenous Forestry Products Survey on Investment and Finance, etc.	(Singapore, Malaysia, Thailand)	1985	Basic primary survey	11. 8, 1985 - 12. 3, 1985	(4)	(1,173)

Appraisal and Survey for Investment and Finance

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	Appraisal and Survey on National Housing Experimentation Projects, etc.	(Indonesia, Singapore)	1977	Financial cooperation	2. 20, 1978 - 3. 4, 1978	(3)	(804)
2	Appraisal and Survey on Mining Industry Investment and Finance	(Indonesia, Malaysia, Singapore)	1977	Financial cooperation	2. 22, 1978 - 3. 4, 1978	(4)	(651)
3	Financial Cooperation	(Malaysia, Singapore)	1979	Financial cooperation	3. 12, 1979 - 3. 22, 1979	(4)	(1,021)
			1980				(8)
4	Appraisal and Survey on Mining Industry Investment and Finance	(India, Malaysia, Singapore)	1982	Financial cooperation	10. 6, 1982 - 10. 20, 1982	(4)	(1,484)

Development Cooperation Technical Guidance
Part 1. Dispatch of Experts

P.27

Project name	Fiscal year	Number of specialists	Terms of dispatching	Specialist Actual expenditures (1000 yen)	Contents of technical instructions
Malacca Strait Maritime Navigational Aids (Indonesia, Malaysia, Singapore)	1981	(1)	2. 3, 1982 - 2. 17, 1982	(205)	Technical guidance on the construction plan, maintenance, and administration of the Malacca Strait navigational aids for which improvement has been planned by the Malacca Strait Council (Foundation) in compliance with the IMO recommendations.
		(1)	2.15, 1982 - 3. 2, 1982		
	1982	(1)	7. 7, 1982 - 7. 24, 1982	(617)	
		(1)	7. 8, 1982 - 8. 16, 1982		
		(1)	7.22, 1982 - 8. 9, 1982		
		(1)	11.10,1982 - 11.18, 1982		
		(1)	11.17,1982 - 11.12, 1982		
		(1)	2. 19,1983 - 3. 6, 1983		
	1983	(1)	8. 9, 1983 - 9. 8, 1983	(693)	
		(1)	10.25,1983 - 11.27, 1983		
		(1)	11.27,1983 - 12.14, 1983		
		(1)	11.30,1983 - 12.14, 1983		
		(1)	2. 5, 1984 - 3. 6, 1984		
	1984	(1)	7. 17,1984 - 8. 5, 1984	(1,040)	
		(1)	8. 1, 1984 - 8. 31, 1984		
		(1)	11.1, 1984 - 11.16, 1984		
		(1)	1. 22,1985 - 2. 22, 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	Actual expenditures (1000 yen)	Contents of technical instructions	
	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, 1985 - 3. 13, 1985			
		(1)	3. 19, 1985 - 3. 30, 1985			
	1986	(1)	7. 14, 1986 - 8. 13, 1986	(910)		
		(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, 1986 - 2. 21, 1986			
	1987	(1)	6. 15, 1987 - 7. 18, 1987	(1,061)		
		(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			(5,274)		

(Total of Development Cooperation Programmes)

(Survey team)

8,682

(Experts) 5,274

(Total) 13,956

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	Productivity Promotion Plan	Granting material and aids necessary for establishing a training and information center that forms a part of the productivity movement being promoted by Singaporean government.	12.7, 1983	8.1	1982	Preliminary survey	12.27, 1982 - 3.12, 1983	4	
			6.27, 1984	4.0	"	"	3.27, 1983 - 3.29, 1983	1	
			10.28, 1985	13.27	1983	Basic design	5.29, 1983 - 6.18, 1983	8	
					"	Explanation of reports	8.25, 1983 - 9.3, 1983	4	
					"	Expediting the execution (Survey)	1.11, 1984 - 1.22, 1984	(2)	(460)
					1985	"	4.25, 1985 - 5.4, 1985	(1)	
					"	"	2.4, 1985 - 2.8, 1985	3	1,530
					1986	"	9.11, 1986 - 9.13, 1986	2	455
		Cumulative total					2,445		

(Total of Grant Aid Cooperation Programmes)

(Survey team) 2,445

(Total of all programmes)

(Trainees)
3,955,977

(Experts)
5,245,148

(Survey team)
1,018,974

(Volunteers)
0

(Equipment supply)
2,366,063

(Other)
266,533

(Total)
12,892,695

