

STATISTICS ON CUMULATIVE EXPENDITURE OF JICA TECHNICAL COOPERATION

BY PROJECT IN THE REPUBLIC OF SINGAPORE

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- (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

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

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

Project-Type Technical Cooperation]
Chnical Cooperation Center Programme

	}		Sur	vey teams	3		Exper	ts	Equipment	Supply	Grand
Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	1	of	Expendi- tures (1,000 yen)	Names of major	Expendi- tures	total of expendi- tures (1,000 yen)
In September 1962, the Singaporean Government requested Japan to esta-	1965										75
totypes of metal and machinery pro-	1965	Field survey		5	2,345						2,345
engage in such work. Japan responded to the request by sending a pre-						_	11	25,590		124,348	149,938
an implementation survey team in						11	1	38,119		29,998	68,117
due condideration, decided on the					175	12	-	43,852		29,906	73,933
centre. The agreement was signed on						12	2	41,782	,		41,782
This centre is administered by						7	1	20,889	1	10,486	31,375
and Designing Divisions. The two divisions' mutual objective is,	1972	Evalua- tion (Survey)		(2)	(287)	7 Change (*2)	-	11,849			(287) 11,849
them, to place engineers, techni- cians, skilled workers, and semi-	1973					2*	-	448			448
and to provide them with consistent and well-organized training for learning to design, manufacture, and	Cumu- lative total				(2,805)			182,529		194,738	380,074
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											
	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 condideration, decided on the cooperation to establish the said centre. The agreement was signed or 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 semiskilled 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	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 condideration, 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. 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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 condideration, 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 semiskilled 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	In September 1962, the Singaporean Government requested Japan to establish a centre for developing protoctypes 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 condideration, 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. 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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 condideration, 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 semiskilled workers, and semiskilled 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	Summary Fiscal year Type of year Type of year Survey Surv	Summary Fiscal year Type of survey Survey Fiscal year Type of survey Sur	Summary Fiscal year Type of survey Fiscal year Type of survey Fiscal year Fiscal year Fiscal year Fiscal year Type of survey Fiscal year Fiscal year	Summary Fiscal year Type of survey Survey

				Sur	vey teams	3		Exper	ts	Equipment	Supply	Grand
coject name	Summary	Fiscal year	Type of survey		Number of staff members		Number exper On- going	of ts	Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total o expendi tures (1,000
	(3) to train engineers in the following specialities: (a) machining, (b) tool dies, (c) machine and metal designing (d) galvanizing, (e) welding, (f) shipbuilding consulting, (g) heat treatment (h) forging, (i) diecastng. [Number of counterparts acccepted] Fiscal 1965 year No. 7 (Graduates) Fiscal '69 '70 '71 '72 '73 year No. 41 137 95 35 21											yen)

				Sur	vey teams			Experi	ts	Equipment	supply	Grand
Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going		Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000
ne Japan- Ingapore raining Centre	In an effort to develop human resources for advancement of the national industrial structure, the Singaporean Government requested	1977	Pre- liminary survey	11.9, 1977 - 11.22, 1977	5	2,863					245,575	<u>yen)</u> 2,863
ype of greement: R/D ate Signed: 6. 29 1978	Japanese cooperation in establishing a technical cooperation centre for training cadres industrial technicians. Implementation of this project was decided based on the agenda of discussions dated June 1978.	1978	Delibe- ration for imple- menta- tion (survey)	6.17, 1978 - 7.6, 1978	7	5,779					245,575	251,354
erm: (nitial) 6.29, 1978 - 6.28, 1983 coperating (ganization	The centre plans to develop manufacturing industry technicians of foreman skill level by providing them with two years of training within the center, and another two years of on-the-job training. Its three fields of speciality are instrumentation control, machinery, and electric/electronics. All the trainees are provided with Japanese language training as well. The first term of the training commenced in November 1979. The third term trainees completed training within the centre in April 1983, and proceeded to on-the-job training.	1979	Itiner- ant techni- cal advisory survey		(3)		-	20	110,729		254,577	365,306
Singapore: EIDA coperating ganization Japan: Ministry of Labor Employment		1980	Itiner- ant techni- cal advisory survey	3.9, 1981 - 3.21, 1981	(4)	(D) 312 2,523	16	3	137,350	Oscillo- scope machine tools	(G)2,626 11,478	154,28
Promotion Corporation	The evaluation survey conducted in February 1983 proved that the said project achieved its originally intended objective, and is ready to be transferred to the Singaporeans. The cooperation project was thus terminated, on schedule, in June 1983.	1981				145	14	11	167,065	Digital control system color pattern generator	(G)2,641 73,484	243,335

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1				Sur	vey teams			Expert		Equipment		Grand
Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going		Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000
	[Number of counterparts accepted] Fiscal '78 '79 '80 '81 '82 '83 year No. 7 4 4 4 1 1	1982	Evalua- tion (Survey)	11.22, 1982 - 12.9, 1982	5	3,765	14	7	189,329	Drilling machine electric furnace Rockwell hardness tester, etc.	12,968	yen) 206,062
		1983					14	_	56,539			56,539
		Cumu- lative total				15,387			661,012		603,349	1,279,748
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				Sur	vey teams	3		Experi	s	Equipment	supply	Grand
Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going	ts	Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000 yen)
he Japan- ingapore hstitute of oftware echnology I	Confronted with the urgent need to convert its industry from a conventional labour-intensive structure to a knowledge-intensive structure in	1979	Pre- liminary survey	2.10, 1980 - 2.17, 1980	6	2,272						2,272
ype of greement: R/D ate signed: 12.18, 1980	concert with the rapid advancement of its economy, the Singaporean accommic Development Board (EBD) requested the Japanese government's singapore Technical Cooperation annual Consulttion mission, on its risit to Singapore in August 1979, or Japanese-project type technical cooperation for cultivating	1980	Delibe- ration for imple- menta- tion (survey)	12.8, 1980 - 12.20, 1980	6	3,512	-	5	4,492			8,004
operation	personnel in the information data	1981				(D) 220		· · · · · ·	·		<u>-</u>	
erm: Initial) 12.18, 1980 - 12.17, 1985		1981	Mutual consul- tation (Survey)	3.19, 1982 - 3.28, 1982	5	2,815	_	7	57,639	A set of computer	(G)3,475 286,735	350,884
collow-up) 12.18, 1985 - 1.12, 1986		1982	Mutual consul- tation (Survey)	11.20, 1982 - 11.30, 1982	7	28,709	7	5	98,098	Computer and related equipment	19,563	146,430
ganization	graduates or equivalents (two-	1982				(D) 60						
Singapore: EIDA operating ganization Japan: Ministry of Commerce and Industry	year diploma course), and the other	1983	Itiner- ant techni- cal advisory survey	3.9, 1984 - 3.16, 1984	2	(D) 84 1,665	7		223,694	Software for personal computers, etc.	(G)6,742 51,882	284,067
Ministry of Posts and Tele- communications												

							Sur	vey teams	· · · · · · · · · · · · · · · · · · ·		Expert		Equipment	supply	Grand
								Number	Expendi-	Number		Expendi-	Names of	Expendi-	total of
roject name	!	Summary			Fiscal	Type of	Survey	of	tures	exper		tures	major	tures	expendi-
					year	survey	terms	staff	(1,000	On-		(1,000	equipment	(1,000	tures
	į				ļ			members	yen)	going	New	yen)	items	yen)	(1,000
															yen)
	Fiscal '80 '8 year No. 0 6	31 '82	'83 '	84 '85 7 2	1984	Itiner- ant techni- cal advisory survey	3.11, 1985 - 3.20, 1985	6	3,853	13	25	220,931	Multi- processor devices SEAI develop- ment tools,etc.	67,525	292,309
					1985	Evalua- tion (Survey)	7.13, 1985 - 7.21, 1985	7	6,791	11	9	143,735	Personal computer parts	(G) 414 10,524	161,464
					Cumu- lative total				49,981			748,589		446,860	1,245,43

3		J	<u> </u>	Sur	vey teams	·	<u> </u>	Experi	-s	Equipment	Supply	Grand
Pr oject name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going	of	Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000 yen)
roductivity evelopment roject ype of	On his visit to ASEAN nations in January 1981, Prime Minister Suzuki advocated the development of human resources as essential for building up a nation. Frequenct consulta-	1981	Contact mission I	8.11, 1981 - 8.18, 1981	7	3,271						3,271
greement: R/D ete Signed: 6, 1983	tions were held between governments in order to formualte a cooperative project to that effect, and the Productivity Enhancement Project, which is a Singaporean national	1982	Pre- liminary survey	11.21, 1982 - 12.2, 1982	12	6,544	-	9	7,308			13,852
Coperation erm: Initial) 16.11, 1983 - 16.10, 1988	proposition, was taken up as the country's ASEAN Participatory Human Development Project, to be promoted through Japanese technical cooperation and aid grant. Since the concept of this project is inseparably related to organiza-	1983	Delibe- ration for imple- menta- tion (Survey)	6.5, 1983 - 6.13, 1983	9	(D) 522 20,308	•	34	99,510	Word- processor etc.	(G)5,885 6,319	132,544
cceptance fganization f Singapore National Productivity	tional expansion of the Singaporean National Productivity Board (NPB), asssistance to to reinforce the organizational strength and to develop career personnel in that	1984	Mutual consul- tation (Survey)	5.16, 1984 - 5.23, 1984	8							
Bureau poperating rganization n Japan Ministry of Commerce and Industry	board is urgently needed. The development of expert personnel for the advancement of productivity and qualitative and quantitative expansion of training courses, which are being currently conducted, were therefore required.	1984	Itiner- ant techni- cal advisory survey (I)	3.4, 1985 - 3.11, 1985	4	12,800	8	34	222,374		(G)5,650	240,740
Ministry of Labor Ministry of Posts and Telecommunica- tions	The first three years, as the First Phase, were spent for preparation and establishment of the fundamentals in accordance with the R/D, and cooperative efforts were carried forward to the Second Phase,	1985	(II)	4.2, 1985 - 4.9, 1985	8							

		F		Sur	vey teams			Exper	ts	Equipment	supply	Grand
Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going		Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000 yen)
	or the developmental period, starting in fiscal 1986. 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. Evaluations of cooperative effectiveness mode 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. [Number of counterparts accepted]	1985	Itiner- ant techni- cal advisory survey	1.12, 1986 - 1.16, 1986 4.2, 1986 - 4.9, 1986	8	17,577	11	21	216,674		(G)6,489	240,749
		1986	It	3.9, 1987 - 3.17, 1987	5	16,243	8	35	263,921		10,826	290,990
		1987	Evalua- tion (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
	Fiscal '81 '82 '83 '84 '85 year No. 4 4 38 33 26	Cumu- lative total				119,702			1,077,724		53,703	1,251,12
	Fiscal '86 '87 year No. 27 28							į				

				Sur	vey teams			Expert	s	Equipment	supply	Grand
o ject name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff	Expendi- tures (1,000	Number exper		Expendi- tures (1,000	Names of major equipment	Expendi- tures (1,000	total o expendi- tures
					members	yen)	going	New	yen)	items	yen)	(1,000 yen)
an-Singapore hnical titute	The Singaporean government planned to establish a technical centre for training technicians for further	1982	Pre- liminary survey	2.17, 1983 - 3.3,	7	4,777	-	-				4,777
e of	advancement of the nation's in- dustrial structure, and requested			1983								
eement: /D e Signed: .16, 1983 peration m:	Japan in June 1978 for technical cooperation. Japanese assistance took the form of upgrading the Japan-Singapore Training Centre, to which Japan had provided cooperation over the past 5 years since June 1978, in such a way as to enable the centre to execute training at	1983	Delibe- ration for imple- menta- tion (Survey)	6.7, 1983 - 6.18, 1983	6	4,633	-	6	77,785	Wire-cut electric discharge machine Electronic circuit tester, etc.	(G)3,154 14,407	99,979
itial) .29, 1983 .28, 1988 perating anization Singapore	This project plans to institute three training courses: one in mechatronics, in industrial electronics, and in instrumentation control, and to enroll a total of 125 trainees every half year to	1984	(Prepa- ration of reports on the above)			2 042				Logic circuit exercise device Model		
IDA perating anization Japan	give them two years of training (with a total enrollment capacity of 500). A graduate of the course will be qualified as an Industrial Technician.	1984	Mutual consul- tation (Survey)	11.1, 1984 - 11.9, 1984	4	3,047	6	2	130,330	computer, etc.	(G)1,760 198,976	334,113
inistry of abor mployment romotion	The first-term trainees were enrolled in November 1983, in 1987, 220 trainees enrolled in the 8th term in June, and 80 trainees	1985	Itiner- ant techni- cal advisory survey	11.24, 1985 - 11.30, 1985	4	2,668	8	6	160,724	Computer training kit, IC board, etc.	3,343 82,500	249,235
orporation	ined in December as the 9th term rollees. Some 153 trainees of e 4th term graduated in May, and trainees of the 5th term graduatin November.											

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	1		<u> </u>	Sur	vey teams			Expert		Equipment		Grand
		İ	Ì		Number		Number		Expendi-	Names of	Expendi-	total of
roject name	Summary	Fiscal	Type of	Survey	of	tures	exper	ts	tures	major	tures	expendi-
1		year	survey	terms	staff	(1,000	On-		(1,000	equipment	(1,000	tures
		-	-		members	yen)	going	New	yen)	items	yen)	(1,000
			ļ]	3049		''''	1 2000	10,	yen)
<u> </u>								<u> </u>		<u> </u>		yen
	[Number of counterparts accepted]	1986	Mutual	5.18,	4	2,405	9	6	130,860	Automatic	51,171	184,436
	[trumper or counterpares accepted]	1,000	consul-	1986 -	77	2,403	,	["	130,800		31,1/1	104,430
						İ	ĺ			program-		. [
3		i !	tation	5.25,			ļ		ł	ming		
3	Fiscal '82 '83 '84 '85 '86 '87	! :	(Survey)	1986		Į.	i	ľ	•	device		1
	year	1				}	}	ŀ		Personal		}
	No. 0 2 4 4 4 4 4					}	ŀ			computer	j	1
i i							İ		l	system,		· }
]							1	etc.		İ
									<u> </u>			
		1987	Evalua-	9.9,	4	5,110	8	6	107,970	CPU	155,504	268,584
		li	tion	1987 -] .		Ì	training		ĺ
			(Survey)				ļ,			board,		ŀ
		[1987				İ		etc.		1
		Cumu-										
		lative				22,640	·		607,669		510.815	1,141,124
		total				25,010			00,,003		310,013	
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co ject name	Summary	Fiscal	Type of	Survey	vey teams Number of	Expendi- tures	Number exper		Expendi- tures	Equipment Names of major	supply Expendi- tures	Grand total of expendi-
		year	survey	terms	staff members	(1,000 yen)	On- going	New	(1,000 yen)	equipment items	(1,000 yen)	tures (1,000 yen)
EJapan- ngapore stitute of ftware chnology II pe of reement: R/D	The Singaporean government requested extension of Phase I cooperation which covered the period of December 1980 through December 1985. From the outcome of the evaluation survey on Phase I, conducted in	1985	Delibe- ration for imple- menta- tion (Survey)	1.8, 1986 - 1.14, 1986	7	3,732	*4	0		_		3,732
te Signed: 1.13, 1986	July 1985, and as a result of consultation with the Singaporean side on the nature of cooperation requested for Phase II held at the time of that survey, Japan decided to carry forward its co-		incurr expert	ed due t s who st	o extensi	ty of component on of the rom Phase I.	dwelling	perio	d for	s		
im: initial) 1.13, 1986 -	operation into Phase II in order to further enhance the achievements of Phase I. While cooperation for follow-up was provided from December 1985 to January 1986, the	1986	Mutual consul- tation (Survey)	3.4, 1987 - 3.10, 1987	4	3,079	4	19	135,773	CPU I/O control device	259,251	398,103
1.12, 1991 Coperating Control Control Control Control Coperating Coperating	R/D for Phase II was signed in January 1986 to effect the cooperation for training system programmers from among graduates of the JSIST analyst programmer course (2-year diploma course) or their equivalents. Phase II is to	1987	Itiner- ant techni- cal advisory survey	4.2, 1988 - 4.9, 1988	4	5,139	14	6	178,029	Software packages, etc.	39,118	222,286
canization Japan Kinistry of Commerce and	enroll 25 trainees in a full-day, one-year Advanced Diploma Course for Analyst Programmer every 6 months. Some experts were dis-	Cumu- ative total				11,950			313,802		298,369	624,121
Industry Ministry of Posts and Telecommunica- tions	patched in April and November of 1986 to revise the training curriculum and teaching materials in time for the opening of the course in August 1987. Since the ADDI course is being carried on smoothly, the introduc-									,		

24.0		,	,									
		1		Sur	vey teams			Expert		Equipment		Grand
					Number	Expendi-	Number	of	Expendi-	Names of	Expendi-	total of
ro ject name	Summary	Fiscal	Type of	Survey	of	tures	exper	ts	tures	major	tures	expendi-
		year	survey	terms	staff	(1,000	On-		(1,000	equipment	(1,000	tures
		Ì		ŀ	members	yen)	going	New	yen)	items	уел)	(1,000
												yen)
anuation rvey	tion of a night course is being reviewed. The administration of this project was transferred from the Singaporean EDB to the Singapore Polytechnic as of 1 April 1987.											
aluation nvey	(Philippines, Singapore) See the section on Asia in general for details.	1972	Evalua- tion (Survey)		(2)	(287)						(287)
utheast Asia	(Philippines, Malaysia, Singapore,	1979	Itiner-	11.7,	(6)	(859)						(859)
Cuit	Thailand)	-2.2	ant	1979 -	(0)	(0337						(039)
dance Tour	See the section on Asia in general		techni-	12.1,								
	for details.		cal	1979								
rvey terms:			advisory									j
11.7, 1979 –			survey			·						
22.1, 1979												}
inputer inputer ichnology	(Singapore, Malaysia, Sri Lanka)	1983	Basic	3.26,	(2)	595	_					595
c hnology	See the section on Asia in general		survey	1984 -		ļ			1			
Ta ining	for details.			4.8,		}						
entre				1984		į						
achnology faining entre												
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		i]	Sur	vey teams			Expert	s	Equipment	supply	Grand
ect name	Summary	Fiscal year	Type of survey]	Number of staff members		Number exper On- going	of ts	Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000 yen)
struction uctural rosion earch pan-ASEAN	In 1983 Prime Minister Nakasone advocated technical cooperation with ASEAN nations, and emphasized, that the Japanese need to share their scientific technology with ASEAN	1985	Pre- liminary survey	8.4, 1985 - 8.13, 1985	(7)	(2,920)		5	•••			(2,920)
ience and innology peration)	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.		Field survey	8.10, 1987 - 8.15, 1987	5	2,879		7	6,961	Coroso- meter, etc.	30,618	40,458
peration fm: nitial) 10.1, 1987 - 9.30, 1990	The results achieved can then be com- 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.	Cumu- lative total				5,799			6,961		30,618	43,378
	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.											

8		<u> </u>		Sur	vey teams			Expert	s	Equipment	supply	Grand
gect name	Summary	Fiscal year	Type of survey	Survey terms		Expendi- tures (1,000 yen)	Number exper On- going	ts	Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000 yen)
mination ough oscope scopy		1976			- -		-	2	1,679			1,679
эс ору		1978					_	1	721		(G) 440	1,161
rhea		1980					-	1	497			497
crhea stinal tract agious ase		1980					_	1	497			497
atrics		1983		l		(B) 129	-	1	662		(G) 935	1,726
		1985				(B) 41	-	4	3,481		(G)1,545	5,067
		Cumu- lative total			•	170			4,143		2,480	6,793
atrics	(Total of Health and Medicine Cooperation Programmes)					(170)			(7,537)		(2,920)	(10,627

4				Sur	vey teams			Expert	:s	Equipment	supply	Grand
		ļ		ļ	Number	Expendi-	Number	of	Expendi-	Names of	Expendi-	total of
oject name	Summary	Fiscal	Type of	Survey	of	tures	exper	ts	tures	major	tures	expendi-
		year	survey	terms	staff	(1,000	On-		(1,000	equipment	(1,000	tures
			ì		members	yen)	going	New	yen)	items	yen)	(1,000
				ļ								yen)
vey for paring ndards for Asian & th 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)
										I		

(Total of Agriculture & Forestry Cooperation Programmes)

(4,996) (4,996)

istry Development Cooperation Programme

		<u> </u>		Sur	vey teams			Expert	s	Equipment	supply	Grand
roject name	Summary	Fiscal year	Type of survey	Survey terms	Number of staff members	Expendi- tures (1,000 yen)	Number exper On- going		Expendi- tures (1,000 yen)	Names of major equipment items	Expendi- tures (1,000 yen)	total of expendi- tures (1,000
refit		<u> </u>			· . · . · . · . · . · . · · · · · · · ·			ļ <u></u>				yen)
eliminary Invey of Icural Rubber Velopment Connical Coperation Invey Terms: 1.19, 1976	(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)
Tvey Terms: 1.19, 1976 - 2.17, 1976												

ical Cooperation through Development Surveys]

pment Survey Projects

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 E Survey	Survey for building and improving industrial land in the Southwest Jurong District.	1960		11. 1960 - 12. 1960	6	2,220	1 • • •
urong City Japanese Garden Building Plan. Execution Plan.	tion management of the Japanese garden design	1970	Detailed design (Survey)	1. 7, 1971 - 3. 31, 1971	4	33,681	lative
Construction Manage- ment	based on the basic design prepared by the expert dispatched under the Colombo Plan.	1971	Detailed design (Survey)	4. 1, 1971 - 9. 6, 1971	(4)		total 48,379
		u	Detailed design (Survey)	8. 10, 1971 - 8. 19, 1971	1	14,698	
Shoal Dredging Plan and Survey	The vital navigation route between the Straits of Malacca and Singapore is within the Singaporean territorial waters, and it	1978	Preliminary survey	6. 25, 1978 - 7. 8, 1978	8	10,259]
•	is the main passage for large tankers that Iink Japan and the Middle East. The mainte- nance of security in the passage is of top	и	Field survey	9. 21, 1978 - 3. 8, 1978	25	113,913	
	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.	Cumulative total				124,172	
	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.						

NG.	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	See the section on Asia in general for details.	1981	Field survey	9. 17, 1981 - 10. 18, 1981	(7)	(4,019)
	of Malacca and Singapore Straits - Phase II		1982	11	(Preparation of report)	0	(1,966)
			Cumulative total				(5,985)
5	Productivity Promo- tion Plan (ASEAN Personnel	In order to achieve the Singaporean objective of developing capital-intensive and tech-nology-intensive industries, and thus	1982	(J)	12. 27, 1982 - 3. 12, 1982	4	F 200
	Development Programme)	become able to manufacture and export industrial products of higher added value, the country to must further develop human	н	(J)	3. 17, 1983 - 3. 29, 1983	1	5,300
		resources, introduce and propagate productivity, promoting techniques inclusive of management and quality control. In view of	1983	(J)	5. 29, 1983 - 6. 18, 1983	8	36,620
		such requirements, the Singaporean govern- ment is keenly interested in the Japanese productivity movement, and has requested	11	(J)	8. 25, 1983 - 9. 3, 1983	4	30,020
		Japanese assistance in this field. A basic design survey of the equipment and	Cumulative total				41,920
NO		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.					

io,	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 implement-	1982	Preliminary survey	8. 25, 1982 - 9. 1, 1982	(6)	998
		ing the cooperation, and the economical and technical cooperation projects to be implemented in fiscal 1982 were selected and confirmed. (Annual Consultation)					
7	Economic Technical Cooperation Survey	Fiscal 1983 annual consultation.	1983	Preliminary survey	7. 2, 1983 - 7. 5, 1983	(7)	1,278
7 8 9	ASEAN Economical and Technical Coopera- tion 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	1984	Preliminary survey	10. 8, 1984 - 10. 13, 1984	3	1,790
	Actiovacion riogianine	in fiscal 1984, a preliminary survey was executed in fiscal 1985. An S/W was then concluded, a full-scale survey was conduct-	1985	n	2. 2, 1986 - 2. 7, 1986	3	10.665
		ed, and a progress report was compiled. The final report was prepared and submitted in fiscal 1986.	t	Field survey	3. 18, 1986 - 3. 31, 1986	6	10,665
		113ca1 1700.	1986	rt	(Preparation of report)		14,188
			Cumulative total				26,641
10	Economic Technical Cooperation Survey	Piscal 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	1986	Preliminary survey	2. 8, 1987 - 5. 16, 1987	8	9,057
		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	1987	Field survey	9. 3, 1987 - 4. 30, 1988	28	128,511
		interim report and submitted.	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 Evalua- tion 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 trourism development potential and anticipated problems in developing nations.	1987	Project study	-	-	(1,205)
12 13 14		(Total of Development Survey Programme)					395,663

2							
NO. 2	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	(Indonesia, Malaysia, Philippines, Singapore, Thailand, Taiwan)	1968	(N)	6. 19, 1968 - 7. 11, 1968	(8)	(2.03.4)
	and Steel Industry Development/Expansion Programme Survey		81	(N)	7. 22, 1968 - 8. 14, 1968	(8)	(2,014)
2	Southeast Asian Mining Industry	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1972	(N)	5. 31, 1972 - 6. 20, 1972	(2)	(238)
	Project Selection Confirmation Survey						
3	Survey of Environ- mental Effect from	This survey is to fully evaluate the current state of environmental pollution on Seraya	1980	(N)	12. 8, 1980 - 12. 20, 1980	8	8,198
	Construction and Operation of Coal Thermal Power Plant	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	78	(N)	2. 15, 1981 - 3. 26, 1981	12	38,904
	and Integrated Steel Mills	plant and integrated steel mill, respective- ly. An appraisal of the effects of sulfur dioxide (SO2) generated by such establish-	1981	(N)	6. 15, 1981 - 7. 14, 1981	10	
		ment on the environment at the present industrial zones, residential areas, recreational areas, and Changi New	II	(N)	10. 25, 1981 - 10. 31, 1981	10	67.061
		International Airport, as well as on the quality of water in the sea surrounding Singapore Island was made, and the data	11	(N) (report)	2. 1, 1982 - 2. 11, 1982	2	67,061
	,	thus obtained wre submitted to Singaporean government as essential reference material for its review of environmental pollution	1982	(N)	5. 23, 1982 - 5. 29, 1982	6	45,135
	;	An on-site survey of water flow-rate, water	It	(N)	7. 15, 1982 - 7. 24, 1982		43,135
		temperature and salinity, water quality, etc., was implemented in fiscal 1981.	1983	(N) (report)	5. 29, 1983 - 6. 5, 1983	4	6,013
		Two more on-site surveys were conducted on the remainder of survey task, such as data collection from smoke sources, maintenance and retrieval of equiment, etc. Analytical work on the data was conducted in Japan, and a draft report of findings was compiled.					

مرزين سرواطية ومداه والمتعاصدة كا		On-site briefings ware	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen)	
The section of the se		On-site briefings were made of the report, and the final report was prepared in fiscal 1983.	1983	(N) (pre- liminary)	6. 1, 1983 - 6. 7, 1983	2		Equi ment
		Consultations with the Singaporean government were held in fiscal 1983 regarding the	"	(N)	11. 23, 1983 - 12. 25, 1983		48,952	22,9
		of coarse particles, and subsequently, the	11	(N)	2. 27, 1984 - 3. 25, 1984	14	70,646	
		Based on the data thus obtained, together with separately collected data.	1984	(N)	1. 11, 1984 - 7. 8, 1984			
		the pollution from the currently planned coal thermal power plant and intermed	11	(N)	9. 3, 1984 - 9. 30, 1984	17	70,646	
		mill, and submitted to the government as data for environmental measures to be taken against coarse particles.	1985	(N) (report)	10. 13, 1985 - 10. 19, 1985	4	11,582	
-	ACEAN C		Cumulative total				296,491	22,93
	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Philippines, Thailand, Malaysia, Singapore)	1982	(N)	6. 27, 1982 - 9. 2, 1982	(4)	(503)	
M P	SEAN Countries lining Industry Project Selection confirmation Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1983	(N)	6. 26, 1983 - 7. 27, 1983	(4)	(387)	
M P	SEAN Countries ining Industry roject Selection onfirmation Survey	(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1983	(N)	10. 30, 1983 - 11. 12, 1983	(4)	(828)	
(1	plant renovation)							

7	Project name Mining and Manu-	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen
	facturing Industries Project Selection and Confirmation Survey	In order to effectively facilitate the survey related to mining and manufacturing industries in Singapore, the potential for cooperation 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. 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	l	(N)	3. 18, 1985 - 3. 23, 1985	7	4,504
8		cases in which Japan is able to render cooperation among such industries, and (4) the collection of related data.					
		(Indonesia, Malaysia, Philippines, Singapore, Thailand)	1985	(N)	5. 7, 1985 - 5. 16, 1985	(1)	(351)
	ASEAN Countries Mining Industry Project Selection Confirmation Survey	(Thailand, Singapore)	1986	(N)	8. 12, 1986 - 8. 19, 1986	(1)	(245)
	Mining and Manu- (facturing Industries Project Selection and Confirmation Survey (Annual consultation)	Malaysia, Singapore)	1987	(N)	8. 16, 1987 - 8. 22, 1987	(1)	(245)

[Development Cooperation-Type Technical Cooperation]
Development Basic Survey

No.	Project name	Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members	Survey team actual expenditure
1	Development of Wood Energy Utilization	(Philippines, Malaysia, Singapore)	1982	Basic primary survey	2. 21, 1983 - 3. 11, 1983	dispatched (6)	(1,000 yen) (2,031
	0		1983	n n	(Preparation of report)		(241
	Cooperation to Develop Southeast Asian Indigenous Forestry Products	(Singapore, Malaysia, Thailand)	1985	Basic primary survey	11. 8, 1985 - 12. 3, 1985	(4)	(1,173
ł	Survey on Investment and Finance, etc.						

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 year)
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)	(65)
3	Financial Coopera- tion	(Malaysia, Singapore)	1979	Financial cooperation	3. 12, 1979 - 3. 22, 1979	(4)	(1,02)
			1980				(8
	Appraisal and Survey on Mining Industry Investment and Finance	(India, Malaysia, Singapore)	1982	Financial cooperation	10. 6, 1982 - 10. 20, 1982	(4)	(1,484

No.	Project name						P.26
		Summary	Fiscal year	Type of survey	Survey terms	Number of survey team members dispatched	Survey team actual expenditure (1,000 yen
5	Appraisal and Survey on Asian Investment and Finance	(Malaysia, Singapore, Hong Kong)	1985	Financial cooperation	4. 7, 1986 - 4. 19, 1986	(5)	(1,26
			1986	ıı .			((
			Cumulative total				(1,269
							
			İ				
	į						

					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	1981	(1)	2. 3, 1982 - 2. 17, 1982		Technical guidance on the construction plan,
(Indonesia, Malaysia, Singapore)		(1)	2.15, 1982 - 3. 2, 1982	(205)	maintenance, and administration of the Malacca Strait navigational aids for which improvement has
	1982	(1)	7. 7, 1982 - 7. 24, 1982		been planned by the Malacca Strait Council (Foundation) in compliance with the IMO recommenda-
		(1)	7. 8, 1982 - 8. 16, 1982		tions,
		(1)	7.22, 1982 - 8. 9, 1982		
		(1)	11.10,1982 - 11.18, 1982	(617)	
		(1)	11.17,1982 - 11.12, 1982		
		(1)	2. 19,1983 - 3. 6, 1983		
	1983	(1)	8. 9, 1983 - 9. 8, 1983		
		(1)	10.25,1983 - 11.27, 1983		
	1	(1)	11.27,1983 - 12.14, 1983	- 12.14, 1983 (693)	
		(1)	11.30,1983 - 12.14, 1983		
		(1)	2. 5, 1984 - 3. 6, 1984		
	1984	(1)	7. 17,1984 - 8. 5, 1984		
		(1)	8. 1, 1984 - 8. 31, 1984		
		11.1, 1984 - 11.16, 1984	(3.000)		
		1. 22,1985 - 2. 22, 1985	(1,040)		
		(1)	3. 7, 1985 - 3. 30, 1985		
		(2)	3. 11,1985 - 3. 30, 1985		

	T				F.20
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		
		(1)	9. 16, 1985 - 10. 2, 1985		
		(1)	1. 22, 1985 - 2. 22, 1985	(748)	
		(1)	3. 7, 1985 - 3. 13, 1985		
		. (1)	3. 19, 1985 - 3. 30, 1985		
	1986	(1)	7. 14, 1986 - 8. 13, 1986		
		(1)	8. 13, 1986 - 8. 22, 1986		
		(1)	10.25, 1986 - 11.30, 1986	ļ	
		(1)	11.21, 1986 - 11.30, 1986		
		(1)	11.28, 1986 - 12.14, 1986	(910)	
		(1)	12. 3, 1986 - 12.14, 1986		
		(1)	1. 19, 1986 - 2. 21, 1986		
	1987	(1)	6. 15, 1987 - 7. 18, 1987		
		(1)	11.18, 1987 - 12.21, 1987		
ļ		(1)	1. 31, 1988 - 2. 11, 1988	(1,061)	
ļ		(1)	2. 29, 1988 - 3. 14, 1988		
		(1)	2. 29, 1988 - 3. 14, 1988		
	Cumu- lative total			(5,274)	

(Total of Development Cooperation Programmes)

(Survey 8,682 (Experts) 5,274 (Total) 13,956 team)

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		12.7, 1983	8.1	1982	Preliminary survey	12.27,1982 - 3.12, 1983	4	
		being promoted by Singaporean government.	6.27, 1984	4.0	11	II .	3.27, 1983 - 3.29, 1983	1	
			10.28, 1985	13.27	1983	Basic design	5.29, 1983 - 6.18, 1983	8	
					п	Explanation of reports	8.25, 1983 - 9. 3, 1983	4	
					11	Expediting the execution (Survey)	1.11, 1984 - 1.22, 1984	(2)	(460)
					1985	10	4.25, 1985 - 5. 4, 1985	(1)	1 500
					11	и .	2. 4, 1985 - 2. 8, 1985	3	1,530
					1986	11	9.11, 1986 - 9.13, 1986	2	455
				į	Cumu- lative 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) (Equipment supply) 0 2,366,063

(Other) 266,533

(Total) 12,892,695

