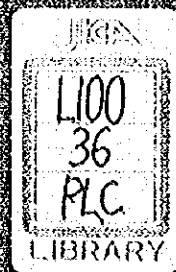


英文ファクト・シート No. 1

平成6年度

アジア地域・中近東地域



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# 平成六年度

## 英文フアクト・シート

N O . 1

### [ アジア地域 ]

バングラデシュ	ブータン	ブルネイ	カンボディア	中国
インド	インドネシア	韓国	ラオス	マレーシア
モルディヴ	モンゴル	ミャンマー	ネパール	バキスタン
フィリピン	シンガポール	スリ・ランカ	タイ	ヴェトナム

### [ 中近東地域 ]

アルジェリア	バハレーン	エジプト	イラン	イラク
イスラエル	ジョルダン	クウェイト	モロッコ	オマーン
カタール	サウディ・アラビア	スーダン	シリア	チュニジア
トルコ	アラブ首長国連邦	イエメン		

国際協力事業団

企 画 部

I. Background Information  
1. Basic Data

Country	People's Republic of Bangladesh
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Land Area	144 thousand km <sup>2</sup>	GDP	\$ 23,783 millions (1992)	Principal Exports	Jute Products, Materials Fish-Shrimp, etc.,	
Population	119.29 millions (1992)	GNP per capita	\$ 220 (1992)	Exports to Japan	\$ 74 millions (1993)	
Date of Independence	March 26, 1971	Sectoral Distribu- tion of GDP	Agri. 34 %, Min. & Indus. 17 % Services 49 % (1992)	Imports from Japan	\$ 826 millions (1993)	
Regime	Republic			Gross International Reserves	\$ 1,853 millions (1992)	
Ethnic Composition	Bengali (98%)	Sectoral Distribu- tion of Employment	Agri. 59 %, Min. & Indus. 13 % Services 28 % (1990~1992)	Total External Debt	\$ 13,189 millions (1992)	
Religion, Language	Muslim, Hindu, Christianity, Buddhism / Bengali, English			Merchan- dise	Exports	\$ 1,903 millions (1992)
Currency, Exchange Rate	1US\$ = 40.080 TK (1994. 2)	Trade	Imports	\$ 2,527 millions (1992)	Net ODA Receipts (as % of GNP)	7.0 % (1991)

2. The Flow of Japan's Bilateral ODA to Bangladesh

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	19.98	9	3	131.66	1	1	221.94	7	1	373.57	5	1
1991	22.11	9	4	122.41	1	2	-29.53	-	-	114.98	17	1
1992	28.47	11	4	163.59	1	1	-28.63	-	7	163.43	8	1

A : Place of Bangladesh among Japan's ODA Recipients B : Place of Japan's Bilateral ODA to Bangladesh among DAC Countries

3. Economic Cooperation of DAC Countries to Bangladesh (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
	(1)	Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	871.1 (100.0%)	216.0 (100.0%)	-17.8 ( %)	853.2 (100.0%)	1.2	854.4
① Japan	192.1 ( 22.1%)	28.5 ( 13.2%)	-28.6 ( %)	163.4 ( 19.2%)	8.8	172.2
② U.S.A.	118.0 ( 13.5%)	58.0 ( 26.9%)	12.0 ( %)	130.0 ( 15.2%)	-	130.0
③ Canada	108.9 ( 12.5%)	15.3 ( 7.1%)	- ( %)	108.9 ( 12.8%)	-	108.9
④ U.K.	102.9 ( 11.8%)	35.1 ( 16.3%)	-0.9 ( %)	102.1 ( 12.0%)	17.7	119.8
Multilat. Assis. Major Donors	238.9 (100.0%)	98.3 (100.0%)	729.8 (100.0%)	968.7 ( %)	-22.1	946.6
① AsDB				319.7 ( %)	-0.2	319.5
② IDA				307.2 ( %)	-	307.2
Arab Countries	13.3	-	-0.7	12.6	-	12.6
Total	1,123.2	314.3	711.3	1,834.6	-21.0	1,813.6

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1973. 3.24

5. Agencies Responsible for Coordinating Assistance

Tech. Coop :  
Grant Aid : Economic Relations Division (ERD)  
JOVC :

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.



JICA's Activities in People's Republic of Bangladesh

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993		
Technical Cooperation Disbursement	¥ 22,706 million (s)		¥ million (s)		
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	11 Case (s) 11 Case (s) 4 Person (s) 3 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	1 Case (s) 3 Case (s) 2 Person (s) 3 Person (s)	
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )  Annex	23 Project (s) 22 Project (s)	Carried-over Projects 1. Geodetic Survey Study 2. Operation and Maintenance Study for FCD/I Project (now Interrupted)  New Projects 1. Industrial Development of Chittagong Region	2 Project (s) (1990-1994) (1992~ )  1 Project (s) (1993-1995)	
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	40 Project (s)	Carried-over Projects 1. Project for Construction Multipurpose Cyclone Shelters  New Projects 1. Improvement of National Textile Design, Traomong and Research Center 2. Rehabilitation of Dhaka T.V. 3. Portable Steel Bridges for Rural Roads 4. Project for Construction of Cyclone Shelter	1 Project (s) (1992-1993)  4 Project (s) (1993-1993) (1993-1993) (1993-1993)	
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Central Extension Resources Development Institute 2. Citrus and Vegetable Research 3. Family Planning 4. Cardiovascular Diseases Control 5. Institute of Postgraduate Studies in Agriculture Project	7 Project (s) 5 Project (s) (1974-1983) (1977-1983) (1975-1984) (1978-1985) (1985-1990)	Carried-over Projects 1. Pilot Project on Control of Rheumatic Fever & Rheumatic Heart Diseases 2. Institute of Postgraduate Studies in Agriculture Project Phase II  New Projects	2 Project (s) (1988-1993)  0 Project (s)	
Individual Experts Dispatch Program	150 Person (s) ( Agriculture & Forestry Economic Infrastructure Mining & Industry	80 Person (s) 53.33 % 36 Person (s) 24.00 % 12 Person (s) 8.00 %	23 Person (s) Carried over New	7 Person (s) ( Long-term Short-term 16 Person (s) ( Long-term Short-term	5 Person (s) 2 Person (s) 3 Person (s) 13 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project (s)	Carried-over Projects 1. Rural Development Experiment (Action Research Project)  New Projects	1 Project (s) (1991-1995)  0 Project (s)	

JICA's Activities in People's Republic of Bangladesh

	Cumulative Data ( FY 1954-1992 )	Performance in FY 1993																														
Non-project Equipment Supply	¥ 554 million(s)	1 Case(s) 1. Equipment for Skill Development Training Purposes ¥ 56 million(s)																														
Non-project Medical Equipment Supply	7 Case(s) ¥ 356 million(s)	0 Case(s) ¥ million(s)																														
Technical Training Program	General 1,802 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding-right: 10px;">Economic Infrastructure</td> <td>431 Person(s) 23.92%</td> </tr> <tr> <td>Agriculture &amp; Forestry</td> <td>386 Person(s) 21.42%</td> </tr> <tr> <td>Development Planning · Public Administration</td> <td>271 Person(s) 15.04%</td> </tr> </table> Youth Invitation Program 40 Person(s) Trainees through International Organizations 74 Person(s)	Economic Infrastructure	431 Person(s) 23.92%	Agriculture & Forestry	386 Person(s) 21.42%	Development Planning · Public Administration	271 Person(s) 15.04%	Total 187 Person(s) Carried over 26 Person(s) New 161 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding-right: 10px;">Group Training Course</td> <td>61 Person(s)</td> </tr> <tr> <td>Individual Training Course</td> <td>39 Person(s)</td> </tr> <tr> <td>(ordinary individual training)</td> <td>3 Person(s)</td> </tr> <tr> <td>(special courses)</td> <td>18 Person(s)</td> </tr> <tr> <td>(special programs)</td> <td>0 Person(s)</td> </tr> <tr> <td>(cost-sharing)</td> <td>0 Person(s)</td> </tr> <tr> <td>(counterpart training)</td> <td>14 Person(s)</td> </tr> <tr> <td>(trainees through international organizations)</td> <td>4 Person(s)</td> </tr> <tr> <td>Private-Sector Skilled Worker C/P Program</td> <td>0 Person(s)</td> </tr> <tr> <td>In-Country Training</td> <td>0 Person(s)</td> </tr> <tr> <td>Third Country Training Program</td> <td>41 Person(s)</td> </tr> <tr> <td>Youth Invitation Program</td> <td>20 Person(s)</td> </tr> </table>	Group Training Course	61 Person(s)	Individual Training Course	39 Person(s)	(ordinary individual training)	3 Person(s)	(special courses)	18 Person(s)	(special programs)	0 Person(s)	(cost-sharing)	0 Person(s)	(counterpart training)	14 Person(s)	(trainees through international organizations)	4 Person(s)	Private-Sector Skilled Worker C/P Program	0 Person(s)	In-Country Training	0 Person(s)	Third Country Training Program	41 Person(s)	Youth Invitation Program	20 Person(s)
Economic Infrastructure	431 Person(s) 23.92%																															
Agriculture & Forestry	386 Person(s) 21.42%																															
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(trainees through international organizations)	4 Person(s)																															
Private-Sector Skilled Worker C/P Program	0 Person(s)																															
In-Country Training	0 Person(s)																															
Third Country Training Program	41 Person(s)																															
Youth Invitation Program	20 Person(s)																															
Third Country Training Program	Completed Projects( FY 1977~1992 ) 0 Course(s)	Carried over 0 Course(s) New 1 Course(s) 1. International Seminar on DPI Leadership Training (1993~1993)																														
Japan Overseas Cooperation Volunteers	506 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding-right: 10px;">Agriculture &amp; Forestry</td> <td>211 Person(s) 41.70 %</td> </tr> <tr> <td>Human Resources Development</td> <td>113 Person(s) 22.33 %</td> </tr> <tr> <td>Mining &amp; Industry</td> <td>78 Person(s) 15.42 %</td> </tr> </table>	Agriculture & Forestry	211 Person(s) 41.70 %	Human Resources Development	113 Person(s) 22.33 %	Mining & Industry	78 Person(s) 15.42 %	Total 100 Person(s) Carried over 70 Person(s) New 30 Person(s)																								
Agriculture & Forestry	211 Person(s) 41.70 %																															
Human Resources Development	113 Person(s) 22.33 %																															
Mining & Industry	78 Person(s) 15.42 %																															
Emigration Services																																
Development Investment & Financial Program	0 Project(s) ¥ million(s)	0 Project(s) ¥ million(s)																														
International Disaster Relief Program	FY 1985-1992 3 Case(s)	0 Case(s)																														

II. Annex ( FY 1954-1992 )

Development Study	
Completed Projects ( FY 1954-1992 )	23 Project(s)
Completed Projects ( FY 1974-1992 )	22 Project(s)
1. Narayananj-Narsingdi Irrigation Project	(1976~1978 )
2. Television Studio Construction Project	(1977~1977 )
3. Construction Project of Automobile Repair & Maintenance Workshop	(1977~1979 )
4. Construction of Bheramana Barisal Transmission	(1978~1979 )
5. Replacement & Expansion of Kaninaphuri Rayon & Chemicals Ltd.	(1978~1979 )
6. Development Plan of Small Scale Industries	(1979~1980 )
7. Kaptai Hydro Power Station Extension Project	(1979~1980 )
8. Erection of Jute Pulp Mill	(1981~1981 )
9. Negna-Gunti Bridges Construction Project	(1983~1984 )
10. Establishment of Railway Carriage and Wagon Manufacturing Plant	(1983~1985 )
11. Water Drainage System Improvement Project in Dhaka	(1985~1987 )
12. North Rajshahi Irrigation Project	(1985~1987 )
13. Development Project of Dhaka & Narayananj Ports	(1985~1987 )
14. Optimization of Capacity Utilization & Improvement of Performance of Chittagong Dry Dock	(1987~1989 )
15. Model Rural Development Project for Homna & Daudkandi Upazila	(1987~1989 )
16. Development of Chittagong Airport	(1988~1989 )
17. Development Project of Container Terminal at Dhaka-Narayananj Port	(1989~1990 )
18. Kurigram Irrigation & Flood Control Project (North Unit) Port	(1989~1990 )
19. Model Rural Development Project Phase II - FCDI	(1989~1991 )
20. Greater Dhaka Protection Project (Study in Dhaka Metropolitan Area of Bangladesh Flood Action Plan 8A)	(1990~1992 )
21. Northwest Regional Study (Bangladesh Flood Action Plan No.2)	(1990~1992 )
22. Kurigram Irrigation & Flood Control Project (South Unit)	(1991~1992 )

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Capital Assistance to People's Republic of Bangladesh

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	118 Project (s)	1,352.55	35 Project (s)	3,435.69
FY 1988	15 Project (s) 1. Debt Relief 2. Project for the Construction of the Meghna Bridge 3/5 3. Food Aid 4. Project for the Construction and Rehabilitation of the Sewerage System 5. Disaster Relief (4 projects) etc.,	137.61 ( 52.32 ) ( 19.99 ) ( 19.00 ) ( 16.30 ) ( 11.65 )	6 Project (s) 1. Jamuna Fertilizer Project 2. Commodity Loan 3. Ghorasal Urea Fertilizer Factory Renovation Project 4. Emergency Commodity Loan 5. Chittagong Caustic Soda Plant Rehabilitation Project etc.,	475.13 ( 138.53 ) ( 133.00 ) ( 103.43 ) ( 75.00 ) ( 20.76 )
FY 1989	11 Project (s) 1. Debt Relief 2. Food Aid 3. Aid for Increased Food Production 4. Project for the Construction of the Meghna Bridge 4/5 5. Construction & Rehabilitation of the Sewerage System 2/3 etc.,	158.59 ( 93.19 ) ( 13.00 ) ( 4.00 ) ( 19.36 ) ( 18.21 )	2 Project (s) 1. Jamuna Fertilizer Project-II 2. Commodity Loan	275.00 ( 185.00 ) ( 90.00 )
FY 1990	12 Project (s) 1. Debt Relief 2. Food Aid 3. Narayanganj Narsingdi Irrigation Project 2/3 4. Construction & Rehabilitation of the Sewerage system 3/3 5. Project for the Construction of the Meghna Bridge 4/5 etc.,	175.29 ( 103.30 ) ( 13.00 ) ( 17.96 ) ( 15.71 ) ( 8.41 )	4 Project (s) 1. Greater Dhaka Telecommunication Network Improvement Project 2. Jamuna Fertilizer Project-III 3. Commodity Loan 4. Energy Sector Adjustment Program	312.41 ( 147.61 ) ( 84.80 ) ( 42.00 ) ( 38.00 )
FY 1991	15 Project (s) 1. Grant Aid for Debt Relief 2. Grant Aid for Increased Food Production 3. Disaster Relief 4. Project for the Construction of the Meghna Gumti Bridge 5. Storm Water Drainage System Improvement Project in Dhaka City etc.,	199.20 ( 116.73 ) ( 15.00 ) ( 12.26 ) ( 11.68 ) ( 11.58 )	1 Project (s) 1. Commodity Loan for the Cyclone Disaster Relief and Economic Reconstruction	122.00 ( 122.00 )
FY 1992	12 Project (s) 1. Debt Relief 2. Project for the Construction of the Meghna Gumti Bridge 3. Aid for Increased Food Production 2/5 4. Revetment on the Bank of Meghna River 5. Model Rural Development Project for Homma and Daudkandi Upazila etc.,	217.05 ( 136.63 ) ( 20.93 ) ( 14.00 ) ( 11.22 ) ( 8.49 )	0 Project (s)	

I. Background Information  
1. Basic Data

Country	Kingdom of Bhutan
---------	-------------------

Land Area	47 thousand km <sup>2</sup>	GDP	\$ 238 millions (1992)	Principal Exports	Timber, Cement, Electric Power
Population	1.61 millions (1992)	GNP per capita	\$ 180 (1992)	Exports to Japan	\$ 0.5 millions (1993)
Date of Independence	December 17, 1907	Sectoral Distribution of GDP	Agri. 42 %, Min. & Indus. 27 % Services 31 % (1992)	Imports from Japan	\$ 13 millions (1993)
Regime	Constitutional Monarchy			Gross International Reserves	\$ 78 millions (1992)
Ethnic Composition	Bhutanese, Nepali, etc.,	Sectoral Distribution of Employment	Agri. 92 %, Min. & Indus. 3 % Services 5 % (1990~1992)	Total External Debt	\$ 84 millions (1992)
Religion, Language	Buddhism, Hindu/Dzongkha, English			Debt Service Ratio	6.9 % (1992)
Currency, Exchange Rate	1US\$=31.45 N (1994. 2)	Merchandise Trade	Exports \$ 999 millions (1992)	Net ODA Receipts (as % of GNP)	25.9 % (1991)
			Imports \$ 1,692 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Bhutan

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	2.32	--	--	4.70	--	--	--	--	--	7.02	--	--
1991	1.84	--	--	15.11	30	--	--	--	--	16.94	--	--
1992	2.17	--	--	10.25	--	--	--	--	--	12.41	--	--

A : Place of Bhutan among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Bhutan among DAC Countries

3. Economic Cooperation of DAC Countries to Bhutan (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①	( %)	( %)	( %)	( %)		
②	( %)	( %)	( %)	( %)		
③	( %)	( %)	( %)	( %)		
④	( %)	( %)	( %)	( %)		
Multilat. Assis. Major Donors	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①				( %)		
②				( %)		
Arab Countries						
Total						

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1987. 4.23

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : } Ministry of Finance  
Grant Aid : }  
JOCV : Royal Civil Service Committee

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Kingdom of Bhutan

II. Performance

	Cumulative Data ( FY 1954-1992 )	Performance in FY 1993
Technical Cooperation Disbursement	¥ 2,035 million(s)	¥ million(s)
Improvement of Aid Efficiency & Effectiveness	Project Identification Study 1 Case(s) Project Formulation Study 0 Case(s) Project Formulation Advisor 0 Person(s) Local Technical Advisor 0 Person(s)	Project Identification Study 0 Case(s) Project Formulation Study 0 Case(s) Project Formulation Advisor 0 Person(s) Local Technical Advisor 0 Person(s)
Development Study	Completed Projects ( FY 1954-1992 ) 1 Project(s) Completed Projects ( FY 1974-1992 ) 1 Project(s) 1. Lhutshi and Monger Integrated Agricultural Development Project (1986-1988)	Carried-over Projects 0 Project(s)  New Projects 1 Project(s) 1. Groundwater Development in Wangduephodrang District
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 ) 7 Project(s)	Carried-over Projects 0 Project(s)  New Projects 0 Project(s)
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) 0 Project(s) Completed Projects ( FY 1974-1992 ) 0 Project(s)	Carried-over Projects 0 Project(s)  New Projects 0 Project(s)
Individual Experts Dispatch Program	16 Person(s) ( Human Resources Development 8 Person(s) 50.00 % Energy 4 Person(s) 25.00 % Agriculture & Forestry 3 Person(s) 18.75 % )	1 Person(s) Carried over 1 Person(s) ( Long-term 1 Person(s) Short-term 0 Person(s) New 0 Person(s) ( Long-term 0 Person(s) Short-term 0 Person(s) )
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 ) 0 Project(s)	Carried-over Projects 0 Project(s)  New Projects 0 Project(s)



JICA's Activities in Kingdom of Bhutan

	Cumulative Data ( FY 1954-1991 )		Performance in FY 1993	
Non-project Equipment Supply		¥ 133 million(s)	0 Case(s)	¥ million(s)
Non-project Medical Equipment Supply	0 Case(s)	¥ million(s)	0 Case(s)	¥ million(s)
Technical Training Program	General	210 Person(s)	Agriculture & Forestry 63 Person(s) 30.00 % Development Planning 49 Person(s) 23.33 % Public Administration Economic Infrastructure 37 Person(s) 17.62 %	Total 40 Person(s) Carried over 4 Person(s) New 36 Person(s) Group Training Course 13 Person(s) Individual Training Course 7 Person(s) (ordinary individual training 1 Person(s)) (special courses 1 Person(s)) (special programs 0 Person(s)) (cost-sharing 0 Person(s)) (counterpart training 5 Person(s)) (trainees through international organizations 0 Person(s)) Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 11 Person(s) Youth Invitation Program 5 Person(s)
	Youth Invitation Program	10 Person(s)		
	Trainees through International Organizations	13 Person(s)		
Third Country Training Program	Completed Projects( FY 1977~1992 )		0 Course(s)	Carried over 0 Course(s)
				New 0 Course(s)
Japan Overseas Cooperation Volunteers	46 Person(s)	Economic Infrastructure 14 Person(s) 30.43 % Development Planning 7 Person(s) 15.22 % Public Administration Public Health & Medicine Welfare 7 Person(s) 15.22 %	Total 34 Person(s) Carried over 23 Person(s) New 11 Person(s)	
Emigration Services				
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)
International Disaster Relief Program	FY 1985-1992		0 Case(s)	0 Case(s)

Capital Assistance to Kingdom of Bhutan

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	10 Project (s)	31.95	0 Project (s)	
FY 1988	1 Project (s) 1. Aid for Increased Food Production	2.50 ( 2.50 )	0 Project (s)	
FY 1989	4 Project (s) 1. Aid for Increased Food Production 2. Project for the Construction of the Micro Hydro Power Facilities-1/2 3. Paro Valley Comprehensive Agriculture Development Program-1/3 4. Cultural Grant (Audio Equipment)	17.97 ( 2.50 ) ( 8.74 ) ( 6.25 ) ( 0.48 )	0 Project (s)	
FY 1990	3 Project (s) 1. Aid for Increased Food Production 2. The Project for the Construction of the Micro Hydro Power Facilities Stage-2/2 3. Paro Valley Agricultural Development Project-2/3	12.51 ( 2.50 ) ( 5.67 ) ( 4.34 )	0 Project (s)	
FY 1991	3 Project (s) 1. Project for the Development of the Domestic Tele-communication Network-1/3 2. Aid for Increased Food Production 3. Fumigation Equipment to the National Library	18.86 ( 15.40 ) ( 3.00 ) ( 0.46 )	0 Project (s)	
FY 1992	3 Project (s) 1. Project for the Development of the Domestic Tele-communication Network-2/3 2. Aid for Increased Production 3. Small-Scale Grant Aid (1 project)	18.22 ( 15.67 ) ( 2.50 ) ( 0.05 )	0 Project (s)	

I. Background Information  
1. Basic Data

Country	Negara Brunei Darussalam
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Land Area	5,765 km <sup>2</sup>	GDP	a) \$ 4,200 millions (1990)	Principal Exports	Oil, Natural Gas, Food Stuff	
Population	0.27 millions (1992)	GNP per capita	\$ 14,016 (1990)	Exports to Japan	\$ 1,408 millions (1993)	
Date of Independence	January 1, 1984	Sectoral Distribution of GDP	Agri. 2.2%, Min. & Indus. 47.1% Services 50.7% (1988)	Imports from Japan	\$ 127 millions (1993)	
Regime	Constitutional Monarchy			Gross International Reserves	-- millions (1992)	
Ethnic Composition	Malay, Chinese, etc.	Sectoral Distribution of Employment	Agri. -- %, Min. & Indus. -- % Services -- % (1990~1992)	Total External Debt	-- millions (1992)	
Religion, Language	Muslim/Malay, English, Chinese			Debt Service Ratio	-- % (1992)	
Currency, Exchange Rate	1US\$=1.5817 B\$ (1994. 2)	Merchandise Trade	Exports	\$ 2,365 millions (1992)	Net ODA Receipts (as % of GNP)	-- % (1992)
		Imports	\$ 2,281 millions (1992)			

a) Estimate

2. The Flow of Japan's Bilateral ODA to Brunei

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	3.11	--	--	--	--	--	--	--	--	3.11	--	--
1991	2.96	--	--	--	--	--	--	--	--	2.96	--	--
1992	4.41	--	--	--	--	--	--	--	--	4.41	--	--

A : Place of Brunei among Japan's ODA Recipients B : Place of Japan's Bilateral ODA to Brunei among DAC Countries

3. Economic Cooperation of DAC Countries to Brunei (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①	( %)	( %)	( %)	( %)		
②	( %)	( %)	( %)	( %)		
③	( %)	( %)	( %)	( %)		
④	( %)	( %)	( %)	( %)		
Multilat. Assis. Major Donors	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①				( %)		
②				( %)		
Arab Countries						
Total						

4. Agreement on Technical Cooperation, etc.

- (1) Agreement on Tech. Coop.  
(2) E/N on Dispatching JOCV : Signed on . . .

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : Economic Cooperation Bureau  
Ministry of Foreign Affairs  
Grant Aid :  
JOCV :

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.



JICA's Activities in Negara Brunei Darussalam

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
Technical Cooperation Disbursement	¥ 2,800 million(s)		¥ million(s)			
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case(s) 1 Case(s) 0 Person(s) 1 Person(s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case(s) 0 Case(s) 0 Person(s) 0 Person(s)		
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Establishment of a Cement Factory 2. Improvement of Brunei Government Printing Department 3. Public Transport System in Nagara 4. Detailed Design of Cement Plant in Nagara Brunei Darussalam (Phase II)	4 Project(s) 4 Project(s) (1982~1982) (1983~1983) (1983~1985) (1985~1985)	Carried-over Projects 1. Study on Forestry Resources  New Projects	1 Project(s) (1991~1993)  0 Project(s)		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	0 Project(s)	Carried-over Projects  New Projects	0 Project(s)  0 Project(s)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Forestry Research Project 2. ASEAN Project on Corrosion of Reinforced Concrete Structure	2 Project(s) 2 Project(s) (1985~1992) (1987~1992)	Carried-over Projects  New Projects	0 Project(s)  0 Project(s)		
Individual Experts Dispatch Program	24 Person(s)	( Economic Infrastructure 9 Person(s) 37.50 % Development Planning 5 Person(s) 20.83 % Public Administration Human Resources Development 5 Person(s) 20.83 % )	2 Person(s) Carried over  New	0 Person(s)  2 Person(s)	( Long-term Short-term ( Long-term Short-term	0 Person(s) 0 Person(s) 0 Person(s) 2 Person(s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project(s)	Carried-over Projects  New Projects	0 Project(s)  0 Project(s)		

JICA's Activities in Negara Brunei Darussalam

	Cumulative Data ( FY 1964-1992 )		Performance in FY 1992																															
Non-project Equipment Supply		¥ million (s)	0 Case (s)	¥ million (s)																														
Non-project Medical Equipment Supply	0 Case (s)	¥ million (s)	0 Case (s)	¥ million (s)																														
Technical Training Program	General 284 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Economic Infrastructure</td> <td style="padding-left: 5px;">91 Person (s) 32.04 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Development Planning: Public Administration</td> <td style="padding-left: 5px;">71 Person (s) 25.00 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Agriculture &amp; Forestry</td> <td style="padding-left: 5px;">42 Person (s) 14.79 %</td> </tr> </table>	Economic Infrastructure	91 Person (s) 32.04 %	Development Planning: Public Administration	71 Person (s) 25.00 %	Agriculture & Forestry	42 Person (s) 14.79 %		Total 99 Person (s) Carried over 2 Person (s) New 97 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Group Training Course</td> <td style="padding-left: 5px;">23 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Individual Training Course</td> <td style="padding-left: 5px;">8 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(ordinary individual training)</td> <td style="padding-left: 5px;">3 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special courses)</td> <td style="padding-left: 5px;">4 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special programs)</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(cost-sharing)</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(counterpart training)</td> <td style="padding-left: 5px;">1 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(trainees through international organizations)</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Private-Sector Skilled Worker C/P Program</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">In-Country Training</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Third Country Training Program</td> <td style="padding-left: 5px;">18 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Youth Invitation Program</td> <td style="padding-left: 5px;">48 Person (s)</td> </tr> </table>	Group Training Course	23 Person (s)	Individual Training Course	8 Person (s)	(ordinary individual training)	3 Person (s)	(special courses)	4 Person (s)	(special programs)	0 Person (s)	(cost-sharing)	0 Person (s)	(counterpart training)	1 Person (s)	(trainees through international organizations)	0 Person (s)	Private-Sector Skilled Worker C/P Program	0 Person (s)	In-Country Training	0 Person (s)	Third Country Training Program	18 Person (s)	Youth Invitation Program	48 Person (s)	
Economic Infrastructure	91 Person (s) 32.04 %																																	
Development Planning: Public Administration	71 Person (s) 25.00 %																																	
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Group Training Course	23 Person (s)																																	
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(counterpart training)	1 Person (s)																																	
(trainees through international organizations)	0 Person (s)																																	
Private-Sector Skilled Worker C/P Program	0 Person (s)																																	
In-Country Training	0 Person (s)																																	
Third Country Training Program	18 Person (s)																																	
Youth Invitation Program	48 Person (s)																																	
Third Country Training Program	Completed Projects ( FY 1977~1992 ) 1 Course (s) 1. Regional Training Course (Workshop) on Meteorological Satellite (1991~1991) Date		Carried over 0 Course (s) New 0 Course (s)																															
Japan Overseas Cooperation Volunteers	0 Person (s)		Total 0 Person (s) Carried over 0 Person (s) New 0 Person (s)																															
Emigration Services																																		
Development Investment & Financial Program	0 Project (s)	¥ million (s)	0 Project (s)	¥ million (s)																														
International Disaster Relief Program	FY 1985-1992	0 Case (s)		Case (s)																														

Capital Assistance to Negara Brunei Darussalam

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	0 Project(s)		0 Project(s)	
FY 1988	0 Project(s)		0 Project(s)	
FY 1989	0 Project(s)		0 Project(s)	
FY 1990	0 Project(s)		0 Project(s)	
FY 1991	0 Project(s)		0 Project(s)	
FY 1992	0 Project(s)		0 Project(s)	



I. Background Information  
1. Basic Data

Country	Kingdom of Cambodia
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Land Area	181 thousand km <sup>2</sup>	GDP	a) \$ 930 millions (1991)	Principal Exports	Crude rubber, Timber, Maize, Soybean
Population	9.06 millions (1992)	GNP per capita	\$ 200 (1992)	Exports to Japan	\$ 86 millions (1993)
Date of Independence	November 9, 1953	Sectoral Distribution of GDP	Agri. 44.8%, Min. & Indus. 16.4% Services 38.8% (1991)	Imports from Japan	\$ 50 millions (1993)
Regime	Constitutional Monarchy	Sectoral Distribution of Employment	Agri. 74%, Min. & Indus. 7% Services 19% (1990~1992)	Gross International Reserves	— (1992)
Ethnic Composition	Khmer, Vietnamese, Chinese			Total External Debt	\$ 1,000 millions (1992)
Religion, Language	Buddhism etc. / Cambodian	Merchandise Trade	Exports \$ 25 millions (1991)	Debt Service Ratio	— (1992)
Currency, Exchange Rate	1US\$=3,486.14 KR (1994. 1)	Imports	\$ 178 millions (1991)	Net ODA Receipts (as % of GNP)	— (1992)

a) Estimate

2. The Flow of Japan's Bilateral ODA to Kampuchea

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	0.15	—	6	—	—	—	—	—	—	0.15	—	13
1991	0.48	—	7	—	—	—	—	—	—	0.48	—	13
1992	4.06	—	5	0.65	—	8	—	—	—	4.71	—	8

A : Place of Kampuchea among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Kampuchea among DAC Countries

3. Economic Cooperation of DAC Countries to Kampuchea (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans	Total ODA Net	Other Offic. & Private Flows	Total Eco. Coop. Net
	(1)	(2)				
	Tech. Coop.	(1)	(2)	(1)+(2)=(3)	(4)	(3)+(4)=(5)
Bilateral Assis. <sup>2)</sup>	94.8 (100.0%)	41.3 (100.0%)	— ( %)	94.8 (100.0%)	0.4	95.2
Major Donor Coun.						
① Sweden	18.5 ( 19.5%)	— ( %)	— ( %)	18.5 ( 19.5%)	—	18.5
② Netherlands	13.6 ( 14.3%)	6.9 ( 16.7%)	— ( %)	13.6 ( 14.3%)	—	13.6
③ U.S.A.	13.0 ( 13.7%)	11.0 ( 26.6%)	— ( %)	13.0 ( 13.7%)	—	13.0
④ Japan	4.7 ( 5.0%)	4.1 ( 9.9%)	— ( %)	4.7 ( 5.0%)	—	4.7
Multilat. Assis.	112.0 (100.0%)	66.8 (100.0%)	-0.6 ( %)	111.4 (100.0%)	—	111.4
Major Donors						
① UNHCR				39.8 ( 35.7%)	—	39.8
② WFP				23.2 ( 20.8%)	—	23.2
Arab Countries	—	—	—	—	—	—
Total	206.9	108.0	-0.6	206.2	0.4	206.6

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on 1959. 3. 2  
(2) E/N on Dispatching JOCV : Signed on 1965.12.20  
( year departed : 1970. 5 )  
( year re-entered : 1992. 6 )

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : }  
Grant Aid : } Council for Development of Cambodia  
JOCV : } (C. D. C.)

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Kingdom of Cambodia

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
Technical Cooperation Disbursement	¥ 2,654 million (s)		¥ million (s)			
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	2 Case (s) 4 Case (s) 4 Person (s) 0 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case (s) 5 Case (s) 2 Person (s) 0 Person (s)		
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )	10 Project (s) 0 Project (s)	Carried-over Projects 1. Phnom Penh Water Supply System 2. Integrated Agricultural and Rural Development Project in the Suburbs of Phnom Penh 3. Rehabilitation and Reconstruction of Electricity Supply in Phnom Penh and Siem Reap New Projects 1. Angkor and Siem Reap Regional Development 2. Telecommunications Network for Phnom Penh City	3 Project (s) (1992~1993) (1992~1994) (1992~1993) 2 Project (s) (1993~1995) (1993~1995)		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	2 Project (s)	Carried-over Projects 1. Project for Rehabilitation of the Tuol Samrong Agricultural Technical Center 2. Project for Rehabilitation of the Port of Phnom Penh 3. Project for Rehabilitation of National Road Route 6A New Projects 1. Project for Establishment of Road Construction Center	3 Project (s) (1992~1993) (1992~1993) (1992~1993) 1 Project (s) (1993~1993)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )	5 Project (s) 0 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)		
Individual Experts Dispatch Program	130 Person (s)	( Economic Infrastructure 53 Person (s) 40.77 % Agriculture & Forestry 45 Person (s) 34.62 % Human Resources Development 11 Person (s) 8.46 % )	13 Person (s) Carried over New	5 Person (s) 8 Person (s)	( Long-term Short-term ) ( Long-term Short-term )	2 Person (s) 3 Person (s) 3 Person (s) 5 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)		

JICA's Activities in Kingdom of Cambodia

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993	
Non-project Equipment Supply		¥ 51 million(s)	0 Case(s)	¥ million(s)
Non-project Medical Equipment Supply	1 Case(s)	¥ 10 million(s)	2 Case(s) 1. Medical Equipment for Infectious Diseases Control 2. Special Medical Equipment	¥ 129 million(s) ( 83 ) ( 46 )
Technical Training Program	General 536 Person(s) <ul style="list-style-type: none"> <li>( Agriculture &amp; Forestry 172 Person(s) 32.09 % )</li> <li>( Economic Infrastructure 127 Person(s) 23.69 % )</li> <li>( Development Planning 76 Person(s) 14.18 % )</li> <li>· Public Administration</li> </ul>		Total 91 Person(s) Carried over 7 Person(s)  New 84 Person(s) Group Training Course 18 Person(s) Individual Training Course 51 Person(s) <ul style="list-style-type: none"> <li>( ordinary individual training 3 Person(s) )</li> <li>( special courses 6 Person(s) )</li> <li>( special programs 26 Person(s) )</li> <li>( cost-sharing 0 Person(s) )</li> <li>( counterpart training 16 Person(s) )</li> <li>( trainees through international organizations 0 Person(s) )</li> </ul>	
	Youth Invitation Program	0 Person(s)		
	Trainees through International Organizations	10 Person(s)		
Third Country Training Program	Completed Projects ( FY 1977~1992 )	0 Course(s)	Carried over	0 Course(s)
			New	0 Course(s)
Japan Overseas Cooperation Volunteers	22 Person(s) <ul style="list-style-type: none"> <li>( Human Resources Development 10 Person(s) 45.45 % )</li> <li>( Agriculture &amp; Forestry 7 Person(s) 31.82 % )</li> <li>( Development Planning 2 Person(s) 9.09 % )</li> <li>· Public Administration</li> <li>( Public Health &amp; Medicine 2 Person(s) 9.09 % )</li> <li>· Welfare</li> </ul>		Total 18 Person(s) Carried over 1 Person(s) New 17 Person(s)	
Emigration Services				
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)
International Disaster Relief Program	FY 1985-1992	1 Case(s)		0 Case(s)

Capital Assistance to Kingdom of Cambodia

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987 )	7 Project(s)	26.38	1 Project(s)	15.17
FY 1988	0 Project(s)		0 Project(s)	
FY 1989	0 Project(s)		0 Project(s)	
FY 1990	0 Project(s)		0 Project(s)	
FY 1991	3 Project(s) 1. Emergency Relief 2. Small-Scale Grant Aid (2 projects)	1.39 ( 1.29 ) ( 0.10 )	0 Project(s)	
FY 1992	6 Project(s) 1. Project for the Restoration of Chreuy Chamgwar Bridge 2. Food Aid 3. Medical Equipment in the Phnom Penh City 4. Aid for Increased Food Production 5. Small-Scale Grant Aid(2 Projects) etc..	61.20 ( 27.94 ) ( 23.00 ) ( 5.17 ) ( 5.00 ) ( 0.09 )	0 Project(s)	

I. Background Information  
1. Basic Data

Country	People's Republic of China
---------	----------------------------

Land Area	9,597 thousand km <sup>2</sup>	GDP	\$ 506,075 millions (1992)	Principal Exports	Textile Products, Crude Oil, Machines	
Population	1,185.17 millions (1993)	GNP per capita	\$ 470 (1992)	Exports to Japan	\$ 20,563 millions (1993)	
Date of Independence	October 1, 1949	Sectoral Distribution of GDP	Agri. 27 %, Min. & Indus. 34 % Services 38 % (1992)	Imports from Japan	\$ 17,281 millions (1993)	
Regime	Socialist Republic			Gross International Reserves	\$ 21,199 millions (1992)	
Ethnic Composition	Han (92%), Ethnic Groups (55)	Sectoral Distribution of Employment	Agri. 73 %, Min. & Indus. 14 % Services 13 % (1990~1992)	Total External Debt	\$ 69,321 millions (1992)	
Religion, Language	Buddhism, Muslim, etc.,/Chinese			Debt Service Ratio	10.3 % (1992)	
Currency, Exchange Rate	1US\$ = 8.7044 Y (1994. 2)	Merchandise Trade	Exports	\$ 91,770 millions (1993)	Net ODA Receipts (as % of GNP)	0.5 % (1991)
			Imports	\$ 103,950 millions (1993)		

2. The Flow of Japan's Bilateral ODA to China

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
<sup>1)</sup> 1990	163.49	1	1	37.82	10	1	521.71	2	1	723.02	2	1
1991	137.48	1	1	56.61	5	1	391.21	6	1	585.29	4	1
1992	187.30	1	1	72.05	5	1	791.23	3	1	1,050.58	2	1

A : Place of China among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to China among DAC Countries

3. Economic Cooperation of DAC Countries to China (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	618.3 (100.0%)	363.9 (100.0%)	1,458.9 ( )	2,077.2 (100.0%)	2,077.2	4,461.0
① Japan	259.5 (42.0%)	187.5 (51.5%)	791.2 ( )	1,050.8 (50.6%)	882.0	1,932.8
② Italy	19.7 (3.2%)	3.4 (0.9%)	181.9 ( )	201.6 (9.7%)	434.1	635.7
③ Germany	113.0 (18.3%)	93.8 (25.8%)	79.8 ( )	192.8 (9.3%)	-83.5	109.3
④ Spain	1.2 (0.2%)	0.2 (0.1%)	190.7 ( )	191.8 (9.2%)	-	191.8
Multilat. Assis. Major Donors	163.8 (100.0%)	91.9 (100.0%)	803.6 (100.0%)	967.4 (100.0%)	523.7	1,491.1
① IDA				789.9 (81.7%)	-	789.9
② UNDP				44.9 (4.6%)	-	44.9
Arab Countries	0.6	-	19.4	20.0	-	20.0
Total	782.7	455.7	2,281.9	3,064.6	2,907.4	5,972.0

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . .  
(2) E/N on Dispatching JOCV: Signed on 1985.10.

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : State Science & Technology Commission  
Grant Aid : Ministry of Foreign Trade and Economic Cooperation  
JOVC : State Science & Technology Commission

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.



JICA's Activities in People's Republic of China

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
	¥ 55,862 million(s)		¥ million(s)			
Technical Cooperation Disbursement						
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	6 Case (s) 7 Case (s) 2 Person (s) 0 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	1 Case (s) 0 Case (s) 1 Person (s) 0 Person (s)		
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) Annex 1	109 Project (s) 109 Project (s)	Carried-over Projects Annex 1	16 Project (s)		
			New Projects Annex 1	14 Project (s)		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	18 Project (s)	Carried-over Projects 1. Project for Providing the Equipments for Ming River Flood Forecasting System	1 Project (s) (1991~1993)		
			New Projects 1. Eradication of Poliomyelitis 2. Import and Export Food Inspection and Research Center Project 3. Improvement of Equipment in Tianjin Prevention and Control of Metabolic Disease	3 Project (s) (1993~1993) (1993~1993) (1993~1994)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1993 ) Completed Projects ( FY 1974-1993 )	14 Project (s) 14 Project (s)	Carried-over Projects Annex 2	15 Project (s)		
	1. Family Planning 2. Meat Food Research Center 3. Enterprise Management Center 4. Beijing Posts and Telecommunications Training Center 5. Promotion for Computer Systems on National Railway Management College 6. Integrated Wood Utilization Research Project in HeilongJiang 7. Education System Development Project for Chinese Patent Information Retrieval 8. China Mining Research Center for Non-Ferrous Metals 9. Sino-Japan Friendship Hospital 10. Sanjiang Plain Agricultural Research Center Project 11. Shanghai Fish Processing Technique Development Center in China 12. Road Traffic Cadre Training Center 13. Research and Development on Resin Application 14. Rehabilitation Research Center	(1982~1987) (1985~1990) (1983~1991) (1985~1991) (1987~1991) (1984~1991) (1986~1991) (1986~1991) (1981~1992) (1985~1992) (1985~1992) (1988~1993) (1990~1994) (1986~1993)	New Projects Annex 2	5 Project (s)		
Individual Experts Dispatch Program	1,062 Person (s)	Economic Infrastructure Development Planning 421 Person (s) 39.64 % Public Administration 171 Person (s) 16.10 % Agriculture & Forestry 116 Person (s) 10.92 %	73 Person (s) Carried over New	9 Person (s) 64 Person (s)	( Long-term Short-term Long-term Short-term	9 Person (s) 0 Person (s) 3 Person (s) 61 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 ) 1. Architecture (Urban Housing) (J)	1 Project (s) (1989~1992)	Carried-over Projects 1. Beef Cattle and Forage Production (J)	1 Project (s) (1990~1994)		
			New Projects	0 Project (s)		

JICA's Activities in People's Republic of China

		Cumulative Data ( FY 1964-1992 )		Performance in FY 1993	
Non-project Equipment Supply			¥ 794 million(s)	0 Case(s)	¥ 0 million(s)
Non-project Medical Equipment Supply	11 Case(s)		¥ 490 million(s)	1 Case(s) 1. Special Medical Equipment	¥ 1 million(s) ( 1 )
Technical Training Program	General 3,435 Person(s) Youth Invitation Program 848 Person(s) Trainees through International Organizations 641 Person(s)	( Economic Infrastructure 650 Person(s) 18.92 % Public Health & Medicine 502 Person(s) 14.61 % Welfare Agriculture & Forestry 465 Person(s) 13.54 % )		Total Carried over New Group Training Course Individual Training Course (ordinary individual training (special courses (special programs (cost-sharing (counterpart training (trainees through international organizations Private-Sector Skilled Worker C/P Program In-Country Training Third Country Training Program Youth Invitation Program	677 Person(s) 89 Person(s) 588 Person(s) 140 Person(s) 228 Person(s) 35 Person(s) 25 Person(s) 45 Person(s) 19 Person(s) 99 Person(s) 5 Person(s) 0 Person(s) 0 Person(s) 23 Person(s) 197 Person(s)
Third Country Training Program	Completed Projects ( FY 1977~1992 ) 1. International Seminar on DPI Leadership Training		1 Course(s) (1992~1992)	Carried over New	0 Course(s) 0 Course(s)
Japan Overseas Cooperation Volunteers	164 Person(s)	( Human Resources Development 89 Person(s) 54.27 % Public Health & Medicine 20 Person(s) 12.20 % Welfare Agriculture & Forestry 18 Person(s) 10.98 % Mining & Industry 18 Person(s) 10.98 % )		Total Carried over New	105 Person(s) 76 Person(s) 29 Person(s)
Emigration Services					
Development Investment & Financial Program	7 Project(s)		¥ 3,396 million(s)	1 Project(s)	¥ 36 million(s)
International Disaster Re- lief Program	FY 1985-1992		6 Case(s)		0 Case(s)

JICA's Activities in People's Republic of China

II. Annex 1

Development Study	
Completed Projects ( FY 1979-1992 )	109 Project (s)
1. Port Construction	(1979-1979 )
2. Railway Modernization Project	(1979-1981 )
3. Review on the Wuqianxi Hydro Electric Power Development Project.	(1979-1980 )
4. Sanjiang Plain Agricultural Development Project	(1981-1983 )
5. Factory Modernization (Refrigerator, Washing Machine)	(1981-1982 )
6. Factory Modernization (Electronics)	(1981-1982 )
7. Factory Modernization (Plastics)	(1981-1982 )
8. Mineral Resources Exploration in Anjin	(1981-1986 )
9. Oh River Hydroelectric Power Development Project	(1982-1983 )
10. Factory Modernization (Mechanism, Speaker)	(1982-1983 )
11. Factory Modernization (Plastics)	(1982-1983 )
12. Factory Modernization (Furniture)	(1983-1983 )
13. Factory Modernization (Optics)	(1983-1983 )
14. Factory Modernization (Glass)	(1983-1983 )
15. Factory Modernization (Poly-Variable Condenser)	(1983-1983 )
16. Double Tracking & Electrification Project of Railway between Hengyang & Guangzhou, and Electrification Project of Railways between Zhengzhou & Baoji	(1983-1984 )
17. Improvement Project of Qinhuangdao, Lianyung & Qingdao Ports	(1983-1984 )
18. Tianjin, Shanghai & Guangzhou Telecommunication Project	(1983-1984 )
19. Factory Modernization (Thyristor)	(1983-1984 )
20. Factory Modernization (Ballpen, Ink)	(1983-1984 )
21. Factory Modernization (Measuring Instruments)	(1984-1984 )
22. Factory Modernization (Rectifiers)	(1984-1984 )
23. Factory Modernization (Steel)	(1984-1985 )
24. Factory Modernization (Heavy Machinery)	(1984-1985 )
25. Basic Plan on the Sanjiang Plain Agricultural Experiment Station	(1984-1984 )
26. Shanghai Urban High-speed Transportation System Project	(1984-1986 )

Development Study	
27. Development of Patent Reference System	(1984-1985 )
28. Energy Conservation Promotion Project	(1984-1986 )
29. Factory Modernization (Daye Copper Refining)	(1984-1985 )
30. Factory Modernization (Dalian Chemistry)	(1984-1985 )
31. Factory Modernization (Jinxi Chemistry)	(1984-1985 )
32. Factory Modernization (Nanjing Chemistry)	(1984-1985 )
33. Factory Modernization (Cement)	(1984-1985 )
34. Factory Modernization (Dice)	(1985-1985 )
35. Factory Modernization (Heavy Machinery)	(1985-1986 )
36. Shanghai-Nanjing Expressway Construction Project	(1985-1987 )
37. Port Development Project in Dapeng Bay	(1985-1986 )
38. Beljiang Feilaixia Multipurpose Dam Construction Project	(1985-1987 )
39. Shanghai Air Pollution Control	(1985-1987 )
40. Ground water Development Project in Tianjin City	(1985-1987 )
41. Hainan Island Integrated Development Plan	(1985-1988 )
42. Mineral Resources Exploration	(1985-1987 )
43. Factory Modernization (Steel)	(1985-1986 )
44. Factory Modernization (Steel)	(1985-1986 )
45. Factory Modernization (Steel)	(1985-1986 )
46. Factory Modernization (Electric Cable)	(1985-1986 )
47. Factory Modernization (Piston)	(1985-1986 )
48. Factory Modernization (Glass)	(1985-1986 )
49. Dalian Port Development Project	(1986-1988 )
50. Huangpu River Bridge Construction Project	(1986-1987 )
51. Guanying Dam Construction Project	(1986-1988 )
52. Modernization Program for Guangxi Copper Mine	(1986-1987 )
53. Factory Modernization (Fefei Chemical Works)	(1986-1987 )
54. Factory Modernization (Aluminium)	(1986-1987 )
55. Factory Modernization (Xiang Bearing Plant)	(1986-1987 )
56. Factory Modernization (Tractor)	(1986-1987 )

II. Annex 1

Development Study	
(Continued)	
57. Factory Modernization (Shenyang Grinding Wheels Plant)	(1986~1987 )
58. Factory Modernization (Foundry)	(1986~1987 )
59. Factory Modernization (Pump)	(1986~1987 )
60. Irrigation Development Project in Northern Hubei	(1987~1988 )
61. Beijing Airport International Terminal Area Development	(1987~1988 )
62. Lujingxiang Model Stock Farming Project in Gansu Province	(1987~1988 )
63. Development Program of Die & Mold Manufacturing Industry	(1987~1988 )
64. Development of Qingdao Export Processing Zone	(1987~1988 )
65. Factory Modernization (Chongqing Phenol Resin Plant)	(1987~1988 )
66. Factory Modernization (Zhengzhou Hole Made Machine Plant)	(1987~1988 )
67. Factory Modernization (Shen Yang Medical Machine Plant)	(1987~1988 )
68. Factory Modernization (Nanchang Valve Works)	(1987~1988 )
69. Factory Modernization (Mixer)	(1987~1988 )
70. Factory Modernization (Hunan Printing Press Plant)	(1987~1988 )
71. Study on Groundwater Development Project in Urumqi	(1987~1990 )
72. Integrated Agricultural Infrastructure Development in Dong Ting Lake Area in Hunan Province	(1988~1989 )
73. Construction Project of Wuhan Tianhe Civil Airport	(1988~1989 )
74. Study on the Factory Modernization (Shanghai Mechanical Works)	(1988~1988 )
75. Study on the Factory Modernization (Li Feng Plastic Molder Factory)	(1988~1988 )
76. Factory Modernization (Construction Project of the Three Ports)	(1988~1990 )
77. Solid Waste Management System Improvement Project in Xian City	(1988~1990 )
78. New Railway Project in Tianjin	(1988~1990 )
79. Haizi Dam Agricultural Water Development Project	(1988~1990 )
80. Shisanling Pumped Storage Power Development Project	(1988~1990 )
81. Factory Modernization (Yangchow Print)	(1988~1990 )
82. Factory Modernization (Dan Dong Hydraulic Press Works)	(1988~1990 )
83. Factory Modernization (Nanjing Second Steel Mill)	(1989~1990 )

JICA's Activities in People's Republic of China

Development Study	
(Continued)	
84. Factory Modernization (Xianglan Compressor Factory)	(1989~1990 )
85. Factory Modernization (Jiangbei Machine Factory)	(1989~1990 )
86. Factory Modernization (Changzhou Insulation Materials Factory)	(1989~1990 )
87. Factory Modernization (Liaoyang Pharmaceutical Machine Factory)	(1989~1990 )
88. Automatic Telephone System in Dehui Prefecture, Jilin Province	(1990~1991 )
89. Embankment Improvement and Agricultural Development in Qinzhou District in Guangxi Zhuang Zu Autonomous Region	(1989~1991 )
90. Industrial Wastewater Treatment and Recycling Project	(1988~1991 )
91. Factory Modernization (The Third Beijing Cotton Mill)	(1989~1991 )
92. Factory Modernization (Anshan Tractor)	(1990~1991 )
93. Factory Modernization (Steel Pipe)	(1990~1991 )
94. Factory Modernization (Santon General Tool)	(1990~1991 )
95. Factory Modernization (Hubei Machine Factory)	(1990~1991 )
96. Factory Modernization (Shanghai Heald Frame)	(1990~1991 )
97. Factory Modernization (Shenyang Towel)	(1990~1991 )
98. Factory Modernization (Guangzhou Oil and Fat Chemical Engineering)	(1990~1991 )
99. Flood Forecasting System for the Hanjiang River Basin	(1990~1992 )
100. Fengman Dam Improvement Project	(1990~1992 )
101. Liao He Delta Agricultural Resources Intergrated Development Project in the Liaoning Province	(1990~1992 )
102. Intergrated Agriculture and Livestock Development Project in Xiangxinanzhi Mountain Range	(1990~1992 )
103. Factory Modernization Loting Ramie	(1991~1992 )
104. Factory Modernization Taiyuan Xishan Gypsum	(1991~1992 )
105. Factory Modernization Jiaying Wollen	(1991~1992 )
106. Factory Modernization Puyuan Construction Machinery	(1991~1992 )
107. Factory Modernization Beijin Thermal Supply Corporation	(1991~1992 )
108. Rare Metal Exploration in Heilongjiang and Guangdong	(1987~1992 )
109. Quality Control System Plan for Shenfu-Dongsheng Coal Field	(1989~1992 )

JICA's Activities in People's Republic of China

II. Annex 1

Development Study	
Carried over Projects ( FY 1993 )	16 Project(s)
1. Water Pollution Control Plan for the Lake Poyang	(1989~1993 )
2. Development Plan of Wai-gao area in Shanghai Pu-Dong New Area	(1991~1993 )
3. Road Network Development Study in Zhejiang Province	(1991~1994 )
4. Facilities Improvement Project in Second Irrigation Section in Qianguo Area in Jilin Province	(1991~1993 )
5. Regional Development Plan for Jujiang City	(1991~1993 )
6. Light Rail Transit System in Chongqing City	(1991~1993 )
7. Waste Water Treatment Project in Dexing Cooper Mine	(1992~1995 )
8. Factory Modernization(The First Si-chuan Cotton Mill and Printing)	(1992~1993 )
9. Factory Modernization (Shenyang Construction Machine)	(1992~1993 )
10. Factory Modernization (Wuxi Machine Tool)	(1992~1993 )
11. Factory Modernization (Wuxi Engine)	(1992~1993 )
12. Factory Modernization (Emlo Calcium Carbonate)	(1992~1993 )
13. West-Buound Trunk Construction Project in Municipality of Xiamen	(1992~1994 )
14. Integrated Agriculture Development Project in Heilongjiang	(1992~1994 )
15. Complex of the Shenmu Coal	(1992~1995 )
16. Integrated Air Quality Management Study for the City of Liuzhou	(1992~1995 )

Development Study	
New Projects ( FY1993 )	14 Project(s)
1. Comprehensive Transportation System in Dalian City	(1993~1994 )
2. Improvement Project of Drainage System in Qixing-polder in Shunde city	(1993~1994 )
3. Water Management Plan for Taihn River Basin	(1993~1995 )
4. Shanghai Pu dong International Airport	(1993~1994 )
5. Factory Modernization (Yangzhou Diesel Engine)	(1993~1994 )
6. Factory Modernization (Dang Dong Filter)	(1993~1994 )
7. Factory Modernization (Nang Tong Fan)	(1993~1994 )
8. Factory Modernization (Changzhou Forklift)	(1993~1994 )
9. Factory Modernization (Hefei, Mining, Machinery)	(1993~1994 )
10. Factory Modernization (Shenyang Electric Machinery)	(1993~1994 )
11. Factory Modernization (Wuxi Waste Water Treatment Equipment)	(1993~1994 )
12. Factory Modernization (Dong Fang Insulating Material)	(1993~1994 )
13. Factory Modernization (Shanghai Roots Blower)	(1993~1994 )
14. Yangzi River Western Basin development Plan	(1993~ )



## II. Annex 2

Project-type Technical Cooperation	
Carried-over Projects ( FY 1992 )	15 Project (s)
1. Project of Road Traffic Managing Staff Training Center	(1988~1993 )
2. Reseach and Development on Resin Application	(1989~1993 )
3. Project on China Rehabilitation Research Center	(1986~1993 )
4. The Sino-Japan Medical Education Center Project	(1989~1994 )
5. Beijing Vegetable Research Center Project	(1989~1994 )
6. Watershed Management Training Project on the Loess Plateau	(1991~1996 )
7. Tianjin Dairy Farming Development Project	(1989~1994 )
8. Polio Control	(1991~1996 )
9. Forestry Development Project in Fujian Province	(1991~1996 )
10. Shanghai Modern Molding Die Technology Training Center	(1991~1995 )
11. Siro-China Friendship Environmental Protection Center	(1992~1995 )
12. Laboratory Animal Science and Technology Training Center	(1992~1997 )
13. Technology and Training Project for Repair and Maintenance of Agricultural Machinery	(1992~1996 )
14. Dalian Energy Conseration Training Center	(1992~1997 )
15. Technical Cooperation for China Research Center for Water Pollution and Water Rentilization	(1992~1997 )
New Projects ( FY 1993 )	5 Project (s)
1. The Computer Software Technology Training Center of SSTC	(1993~1998 )
2. The Tianjin Drug Quality Control Project	(1993~1998 )
3. The Rice and Wheat Research Project in the Yellow River Basin	(1993~1997 )
4. The Pilot Scheme for Technological Development on River Information System Project	(1993~1998 )
5. The Irrigation and Drainage Engineering Development and Training Center Project	(1993~1998 )

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Capital Assistance to People's Republic of China

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987.)	45 Project(s)	428.47	53 Project(s)	6,122.00
FY 1988	12 Project(s) 1. Aid for Increased Food Production 2. Project for the Establishment of Japan-China Youth Center·3/3 3. Hedan City Childhood Welfare and Education Center Construction Project 4. Project for the Improvement of the Television Studio Equipment for the Japanese Language Program for China Central Television 5. Project for the Improvement of the Equipment for the Second People's Hospital of Si Chuan Province etc.,	79.58 ( 5.00 ) ( 51.04 ) ( 10.19 ) ( 5.93 ) ( 4.91 )	16 Project(s) 1. Export Industries Promotion Program 2. Qingdao Port Expansion Project 3. Datong-Qinhuangdao Railway Construction Project 4. Beijing Water Supply Project 5. Lianyungang Port Expansion Project etc.,	1,615.21 ( 700.00 ) ( 130.43 ) ( 121.31 ) ( 106.14 ) ( 82.97 )
FY 1989	9 Project(s) 1. Aid for Increased Food Production 2. Project for the Improvement of the Equipment for China Beijing Television Station 3. Project to Improve the Equipment of the Sixth People's Hospital, Shanghai 4. Emergency Relief 5. Project for the Improvement of the Equipment for Science and Technology Education in Ningxia etc.,	56.88 ( 5.00 ) ( 30.00 ) ( 16.08 ) ( 2.00 ) ( 1.35 )	11 Project(s) 1. Qingdao Port Expansion Project 2. Tianshengqiao Hydroelectric Power Project 3. Guanyingge Multipurpose Dam Construction Project·II 4. Four Cities Gas Improvement Project 5. Liyun Port Expansion Project etc.,	971.79 ( 265.14 ) ( 192.35 ) ( 89.34 ) ( 89.31 ) ( 74.90 )
FY 1990	11 Project(s) 1. Aid for Increased Food Production 2. Project for the Improvement of the Equipment of Norman Bethune Medical University of Medical Science 3. Project for the Improvement of Drinking Water Supply in Guizhou State 4. Project for the Improvement of the Changchun Purification Facilities·1/2 5. Project for the Improvement of the Equipment of the Harbin Institute of Technology etc.,	66.06 ( 5.00 ) ( 26.00 ) ( 15.00 ) ( 9.81 ) ( 4.52 )	17 Project(s) 1. 9 Provinces and Cities Telecommunication Network Expansion Project·I 2. Beijing Shisanling Pumped Storage Power Station Construction Project 3. Qingdao (Highway, Telecommunication) Development Project 4. Hainan (Highway-Telecommunication) Development Project 5. Urban Water Supply Project (Tianjin, Hefei, Anshan) etc.,	1,225.24 ( 178.00 ) ( 130.00 ) ( 128.34 ) ( 97.63 ) ( 88.66 )

Capital Assistance to People's Republic of China

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
FY 1991	22 Project(s) 1. Project for Improvement of Agricultural Water supply in North District of Hubei Province 2. Project for the Improvement of Equipment for Fire Services in Beijing 3. Project for Improvement of Equipment of Hunan Wuling University 4. Project for the Improvement of the Changchun Purification Facilities 5. Aid for Increased Food Production etc.,	66.52 ( 16.35 ) ( 12.39 ) ( 9.31 ) ( 9.03 ) ( 6.00 )	22 Project(s) 1. Nine Provinces and Cities Telecommunication Network Expansion Project II 2. Urban Water Supply Project (Xiamen, Chongqing, Kunming) 3. Shenmu-Shuoxian Railway Construction Project II 4. Baoji-Zhongwei Railway Construction Project II 5. Wuqiangxi Dam Construction Project IV etc.,	1,296.07 ( 115.76 ) ( 104.03 ) ( 99.40 ) ( 93.00 ) ( 81.00 )
FY 1992	27 Project(s) 1. Project for Establishment of Japan-China Friendship Environment Protection Center 2. Project for the Improvement of Equipment of Fire Fighting in Beijing 3. Project for Improving the Equipment of the Television Station of Henan Province 4. Project for the Construction of Dunhuang Cave Cultural Asset Preservation Research and Exhibition Center-2/2 5. Aid for Increased Food Production etc.,	82.37 ( 19.14 ) ( 12.46 ) ( 10.00 ) ( 8.55 ) ( 6.00 )	21 Project(s) 1. Weihe Fertilizer Plant Construction Project III 2. Nine Provinces and Cities Telecommunication Network Expansion Project III 3. Baoji-Zhongwei Railway Construction Project III 4. Nanning-Kunming Railway Construction Project II 5. Air Navigation and Air Traffic Control Modernization Project III etc.,	1,373.28 ( 162.62 ) ( 143.58 ) ( 129.01 ) ( 99.04 ) ( 98.96 )

I. Background Information  
1. Basic Data

Country	India
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Land Area	3,288 thousand km <sup>2</sup>	GDP	\$ 214,598 millions (1992)	Principal Exports	Gen. Jewelry, Clothing, Cotton Yarn
Population	870.00 millions (1992)	GNP per capita	\$ 310 (1992)	Exports to Japan	\$ 2,777 millions (1993)
Date of Independence	August 15, 1947	Sectoral Distribution of GDP	Agri. 32 %, Min. & Indus. 27 % Services 40 % (1992)	Imports from Japan	\$ 1,530 millions (1993)
Regime	Federal Republic			Gross International Reserves	\$ 9,539 millions (1992)
Ethnic Composition	Indo-Aryan (majority) Dravidian, Mongoloid, etc..	Sectoral Distribution of Employment	Agri. 62 %, Min. & Indus. 11 % Services 27 % (1990~1992)	Total External Debt	\$ 76,983 millions (1992)
Religion, Language	Hindu, Muslim, Christianity / Hindi, English			Debt Service Ratio	25.3 % (1992)
Currency, Exchange Rate	1US\$ = 31.45 Rs (1994. 2)	Merchandise Trade	Exports \$ 19,796 millions (1992)	Net ODA Receipts (as % of GNP)	1.1 % (1991)
			Imports \$ 22,530 millions (1992)		

2. The Flow of Japan's Bilateral ODA to India

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	11.72	24	6	22.17	19	7	53.38	16	2	87.26	16	4
1991	13.17	23	6	25.79	18	7	852.09	2	1	891.05	2	1
1992	16.59	19	6	23.94	23	6	384.64	4	1	425.17	4	1

A : Place of India among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to India among DAC Countries

3. Economic Cooperation of DAC Countries to India (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans	Total ODA Net	Other Offic. & Private Flows	Total Eco. Coop. Net
	(1)	(2)				
	(1)	(2)	(2)	(1) + (2) = (3)	(4)	(3) + (4) = (5)
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	782.6 (100.0%)	329.1 (100.0%)	415.5 ( %)	1,198.0 ( %)	312.0	1,510.0
① Japan	40.6 ( 5.2%)	16.6 ( 5.0%)	384.6 ( %)	425.2 ( %)	84.3	509.5
② Germany	59.2 ( 7.6%)	37.3 ( 11.3%)	215.2 ( %)	274.4 ( %)	121.7	396.1
③ U.K.	210.7 ( 26.9%)	67.5 ( 20.5%)	-60.3 ( %)	150.3 ( %)	-43.5	106.8
④ Netherlands	134.5 ( 17.2%)	70.9 ( 21.5%)	-40.3 ( %)	94.2 ( %)	-14.6	79.6
Multilat. Assis. Major Donors	233.3 (100.0%)	107.2 (100.0%)	1,031.2 (100.0%)	1,264.4 ( %)	688.1	1,952.5
① IDA				1,033.4 ( %)	--	1,033.4
② CEC				77.7 ( %)	--	77.7
Arab Countries	1.1	--	-13.2	-12.1	--	-12.1
Total	1,017.0	436.3	1,433.4	2,450.4	1,000.1	3,450.5

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . . . .  
(2) E/N on Dispatching JOCV : Signed on 1966. 8.12

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : }  
Grant Aid : } Ministry of Finance  
JOCV : }

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in India

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
	¥ 10,314 million(s)		¥ million(s)			
Technical Cooperation Disbursement						
Improvement of Aid Efficiency & Effectiveness	Project Identification Study	4 Case(s)	Project Identification Study	1 Case(s)		
	Project Formulation Study	6 Case(s)	Project Formulation Study	2 Case(s)		
	Project Formulation Advisor	2 Person(s)	Project Formulation Advisor	0 Person(s)		
	Local Technical Advisor	0 Person(s)	Local Technical Advisor	0 Person(s)		
Development Study	Completed Projects ( FY 1954-1992 )	12 Project(s)	Carried-over Projects	1 Project(s)		
	Completed Projects ( FY 1974-1992 )	10 Project(s)	1. Industrial Model Town	(1992~1993)		
	1. Feasibility Study on Modernization of Burnpur Works of Indian Iron & Steel Co., Ltd	(1985~1987)	New Projects	3 Project(s)		
	2. Modernization of Rollig Stock Workshop	(1986~1987)	1. Industrial Model Town	(1993~1995)		
	3. Railway Improvement Plan of Transport Capacity & Train Speed on Delhi-Kampur Section	(1986~1987)	2. Construction of Worli-Searock Link Bridge	(1993~1993)		
	4. Development of Calcutta & Haldia Dock Systems of Calcutta Port	(1987~1989)	3. Pumped Storage Hydroelectric Power Development in Maharashtra	(1993~1996)		
	5. Development Plan for the New Delhi Railway Station	(1988~1989)				
	6. Improvement Plan of New Mangalore Port	(1988~1990)				
	7. Irrigation and Drainage Development of Sharda Canal CAD Project	(1989~1991)				
	8. The Solvent Refined Coal Development Project in India	(1989~1992)				
	9. HMT Restructuring and Development Program	(1990~1992)				
10. The Transport Infrastructure Development Project	(1990~1992)					
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	10 Project(s)	Carried-over Projects	0 Project(s)		
			New Projects	2 Project(s)		
			1. Project for Exploitation of Ground Water	(1993~1993)		
			2. Augmentation of Medical Services in the Institute of Medical Science Banaras Hindu University	(1993~1993)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 )	8 Project(s)	Carried-over Projects	2 Project(s)		
	Completed Projects ( FY 1974-1992 )	1 Project(s)	1. Sanjay Gandhi Post Graduate Institute of Medical Science:SGPGI	(1990~1995)		
	1. Japanese Encephalitis Vaccine Production	(1981~1986)	2. Bivoltine Sericulture Technology Development Project	(1991~1996)		
			New Projects	0 Project(s)		
Individual Experts Dispatch Program	110 Person(s)	( Agriculture & Forestry 35 Person(s) 31.82 % )	4 Person(s) Carried over	1 Person(s)	( Long-term 1 Person(s) )	
		( Fisheries 23 Person(s) 20.91 % )			( Short-term 0 Person(s) )	
		( Economic Infrastructure 22 Person(s) 20.00 % )	New	3 Person(s)	( Long-term 0 Person(s) )	
					( Short-term 3 Person(s) )	
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project(s)	Carried-over Projects	0 Project(s)		
			New Projects	0 Project(s)		



JICA's Activities in India

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																							
Non-project Equipment Supply		¥ 157 million (s)	0 Case (s)	¥ million (s)																						
Non-project Medical Equipment Supply	1 Case (s)	¥ 30 million (s)	0 Case (s)	¥ million (s)																						
Technical Training Program	General 2,328 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Agriculture &amp; Forestry</td> <td style="padding-left: 5px;">561 Person (s)</td> <td style="padding-left: 5px;">24.10 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Economic Infrastructure</td> <td style="padding-left: 5px;">465 Person (s)</td> <td style="padding-left: 5px;">19.97 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Development Planning</td> <td style="padding-left: 5px;">413 Person (s)</td> <td style="padding-left: 5px;">17.74 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Public Administration</td> <td></td> <td></td> </tr> </table> Youth Invitation Program 59 Person (s) Trainees through International Organizations 361 Person (s)	Agriculture & Forestry	561 Person (s)	24.10 %	Economic Infrastructure	465 Person (s)	19.97 %	Development Planning	413 Person (s)	17.74 %	Public Administration			Total 154 Person (s) Carried over 14 Person (s) New 140 Person (s) Group Training Course 57 Person (s) Individual Training Course 40 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(ordinary individual training)</td> <td style="padding-left: 5px;">1 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special courses)</td> <td style="padding-left: 5px;">8 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special programs)</td> <td style="padding-left: 5px;">5 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(cost-sharing)</td> <td style="padding-left: 5px;">10 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(counterpart training)</td> <td style="padding-left: 5px;">16 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(trainees through international organizations)</td> <td style="padding-left: 5px;">0 Person (s)</td> </tr> </table> Private-Sector Skilled Worker C/P Program 0 Person (s) In-Country Training 0 Person (s) Third Country Training Program 13 Person (s) Youth Invitation Program 30 Person (s)	(ordinary individual training)	1 Person (s)	(special courses)	8 Person (s)	(special programs)	5 Person (s)	(cost-sharing)	10 Person (s)	(counterpart training)	16 Person (s)	(trainees through international organizations)	0 Person (s)
Agriculture & Forestry	561 Person (s)	24.10 %																								
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Development Planning	413 Person (s)	17.74 %																								
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(cost-sharing)	10 Person (s)																									
(counterpart training)	16 Person (s)																									
(trainees through international organizations)	0 Person (s)																									
Third Country Training Program	Completed Projects ( FY 1977~1992 )	0 Course (s)	Carried over	0 Course (s)																						
			New	0 Course (s)																						
Japan Overseas Cooperation Volunteers	131 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Agriculture &amp; Forestry</td> <td style="padding-left: 5px;">84 Person (s)</td> <td style="padding-left: 5px;">64.12 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Human Resources Development</td> <td style="padding-left: 5px;">17 Person (s)</td> <td style="padding-left: 5px;">12.98 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Public Health &amp; Medicine</td> <td style="padding-left: 5px;">11 Person (s)</td> <td style="padding-left: 5px;">8.40 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Welfare</td> <td></td> <td></td> </tr> </table>	Agriculture & Forestry	84 Person (s)	64.12 %	Human Resources Development	17 Person (s)	12.98 %	Public Health & Medicine	11 Person (s)	8.40 %	Welfare			Total 0 Person (s) Carried over 0 Person (s) New 0 Person (s)												
Agriculture & Forestry	84 Person (s)	64.12 %																								
Human Resources Development	17 Person (s)	12.98 %																								
Public Health & Medicine	11 Person (s)	8.40 %																								
Welfare																										
Emigration Services																										
Development Investment & Financial Program	0 Project (s)	¥ million (s)	0 Project (s)	¥ million (s)																						
International Disaster Relief Program	FY 1985-1992	0 Case (s)	1 Earthquake	1 Case (s)																						

Capital Assistance to India

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	44 Project(s)	396.04	65 Project(s)	8,624.62
FY 1988	5 Project(s) 1. Debt Relief 2. Aid for Increased Food Production 3. Project for the Improvement of Medical Equipment of Regional Cancer Centers·2/3 4. Project for the Improvement of Educational Technology Equipment of the Indira Gandhi National Open University 5. Audio-Visual Equipment to the Indira Gandhi National Art Center	30.02 ( 11.09 ) ( 6.00 ) ( 6.41 ) ( 6.11 ) ( 0.41 )	10 Project(s) 1. Raichur Thermal Power Station Expansion Project 2. Small Scale Industries Development Project · I 3. Ghatghar Pumped Storage Project 4. Ramgundam Fertilizer Plant Rehabilitation Project 5. Modernization Project of Burnpur Steel Works (E/S) etc.,	933.80 ( 231.42 ) ( 195.00 ) ( 114.14 ) ( 111.32 ) ( 55.46 )
FY 1989	11 Project(s) 1. Debt Relief 2. Aid for Increased Food Production 3. Project for the Improvement of Medical Equipment of Regional Cancer Centers·3/3 4. Development of Ground Water·1/2 5. Improvement of Fire-Fighting and Rescue Equipment·1/2 etc.,	31.12 ( 9.73 ) ( 6.00 ) ( 6.16 ) ( 5.00 ) ( 3.70 )	9 Project(s) 1. Electric Power Supply Systems Improvement & Small Hydro-Electric Power Plants 2. Anpara Power Transmission System Project · II 3. Integrated Land Use Management Project in Kaataka State 4. Gandhar Gas-Based Combined Cycle Power Project · I 5. Basin-Bridge Gas Turbine Project etc.,	911.64 ( 243.79 ) ( 193.18 ) ( 160.50 ) ( 130.46 ) ( 114.50 )
FY 1990	12 Project(s) 1. Debt Relief 2. Aid for Increased Food Production 3. Project for the Improvement of Educational Program 4. Production Equipment of Broadcast in Jamia Millia Islamia University 5. Improvement of Fire-Fighting and Rescue Equipment·2/2 etc.,	36.22 ( 8.41 ) ( 6.00 ) ( 9.81 ) ( 4.01 ) ( 3.76 )	6 Project(s) 1. Anpara 'B' Thermal Power Station Construction Project · III 2. Small Scale Industries Development Project · II 3. Quality Control of Health Technologies Project 4. Afforestation and Pasture Development Project along Indira Gandhi Canal Area 5. Teesta Canal Hydro-Electric Project · II etc.,	1,048.26 ( 498.01 ) ( 300.00 ) ( 79.64 ) ( 78.69 ) ( 62.22 )
FY 1991	10 Project(s) 1. Project for Providing Equipment for the Government College of Engineering, Pune 2. Debt Relief 3. Aid for Increased Food Production 4. Audio-Visual Equipment for Producing Teaching Materials of Japanese Language to the Jawaharlal Nehru University 5. Small-Scale Grant Aid (6 projects)	20.99 ( 7.19 ) ( 7.12 ) ( 6.00 ) ( 0.45 ) ( 0.23 )	7 Project(s) 1. Gandar Gas Based Combined Cycle Power Project · II 2. Commodity Loan 3. Small-scale Industries Development Program · III 4. Afforestation Project in Aravalli Hills 5. Urban City Water Supply Project etc.,	1,065.94 ( 425.59 ) ( 202.56 ) ( 202.56 ) ( 80.85 ) ( 67.88 )

Capital Assistance to India
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III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
FY 1992	15 Project(s) 1. Project for the Exploitation of Groundwater 2. Project for Upgrading Training Equipment for Nautical and Marine Engineering Education-1/2 3. Project for Construction of Fishing Vessels for Deep Sea and Offshore Fisheries 4. Debt Relief 5. Aid for Increased Production etc.,	42.77 ( 10.05 ) ( 9.92 ) ( 9.47 ) ( 6.05 ) ( 6.00 )	6 Project(s) 1. Hydrocarbon Sector Loan 2. Udyogamandal Ammonia Plant Replacement Project 3. Gandhar Gas Based Combined Cycle Power Project-III 4. Yamuna Action Plan 5. Anpara B Thermal Power Station Construction Project-IV etc.,	1,119.08 ( 330.85 ) ( 244.82 ) ( 195.38 ) ( 177.73 ) ( 132.24 )

I. Background Information  
1. Basic Data

Country	Republic of Indonesia
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Land Area	1,906 thousand km <sup>2</sup>	GDP	\$ 126,364 millions (1992)	Principal Exports	Oil, National Gas, Timber Product
Population	191.17 millions (1992)	GNP per capita	\$ 670 (1992)	Exports to Japan	\$ 12,478 millions (1993)
Date of Independence	August 17, 1945	Sectoral Distribution of GDP	Agri. 19 %, Min. & Indus. 40 % Services 40 % (1992)	Imports from Japan	\$ 6,002 millions (1993)
Regime	Republic			Gross International Reserves	\$ 11,482 millions (1992)
Ethnic Composition	Malay, Chinese, Indian, etc.,	Sectoral Distribution of Employment	Agri. 56 %, Min. & Indus. 14 % Services 30 % (1990~1992)	Total External Debt	\$ 84,385 millions (1992)
Religion, Language	Muslim, Christianity / Indonesian			Debt Service Ratio	32.1 % (1992)
Currency, Exchange Rate	1US\$ = 2,136 Rp (1994. 2)	Merchandise Trade	Exports: \$ 33,815 millions (1992)	Net ODA Receipts (as % of GNP)	1.6 % (1991)
			Imports: \$ 27,280 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Indonesia

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	108.68	2	1	58.38	5	1	700.72	1	1	867.78	1	1
1991	133.07	2	1	79.73	3	1	852.71	1	1	1,065.51	1	1
1992	141.69	2	1	85.73	3	1	1,129.26	1	1	1,356.68	1	1

A : Place of Indonesia among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Indonesia among DAC Countries

3. Economic Cooperation of DAC Countries to Indonesia (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
	(1)	Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	640.9 (100.0%)	385.1 (100.0%)	1,330.5 ( )	1,971.4 ( )	1,648.80	3,620.2
① Japan	227.5 ( 35.5%)	141.7 ( 36.8%)	1,129.3 ( )	1,356.7 ( )	111.5	1,468.2
② France	14.8 ( 2.3%)	13.8 ( 3.6%)	154.0 ( )	168.8 ( )	-91.6	77.2
③ Germany	64.3 ( 10.0%)	50.3 ( 13.1%)	52.0 ( )	116.4 ( )	307.6	424.0
④ Austria	1.5 ( 0.2%)	0.4 ( 0.1%)	193.3 ( )	104.8 ( )	31.7	136.5
Multilat. Assis. Major Donors	88.1 (100.0%)	51.8 (100.0%)	32.3 (100.0%)	120.4 ( )	782.0	902.4
① AsDB				49.8 ( )	452.3	502.1
② UNDP				19.0 ( )	-	19.0
Arab Countries	5.5	-	7.5	13.0	-	13.0
Total	734.5	436.9	1,370.2	2,104.8	2,430.7	4,535.5

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on  
(2) E/N on Dispatching JOCV : Signed on 1987. 8. 7

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : Project-Type Technical Cooperation  
Development Study/BAPPENAS/Others/  
Secretariat of Technical Cooperation  
Coordinating Committee

Grant Aid : BAPPENAS  
(National Development Planning Agency)

JOCV : SEKKAB (Secretary of Cabinet)

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Republic of Indonesia

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																							
Technical Cooperation Disbursement	¥ 138,067 million(s)		¥ million(s)																							
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	5 Case(s) 17 Case(s) 4 Person(s) 5 Person(s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case(s) 3 Case(s) 5 Person(s) 4 Person(s)																						
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )  Annex 1~4	217 Project(s) 180 Project(s)	Carried-over Projects  Annex 4  New Projects  Annex 4	15 Project(s)   11 Project(s)																						
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	51 Project(s)	Carried-over Projects 1. Project for the Establishment of Japanese Studies Center in the University of Indonesia 2. Project for the Supplementary Improvement of Training Facilities for Ujung Pandang Rating School  New Projects 1. Project for the Improvement of Training Equipment for South-south Cooperation 2. Refreshment of Vocational Training Equipment	2 Project(s) (1991~1992) (1992~1993)  2 Project(s) (1993~1993) (1993~1993)																						
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )  Annex 5	44 Project(s) 30 Project(s)	Carried-over Projects  Annex 5  New Projects  Annex 5	20 Project(s)   2 Project(s)																						
Individual Experts Dispatch Program	2,133 Person(s)	<table border="0"> <tr> <td>Economic Infrastructure</td> <td>955 Person(s)</td> <td>44.77 %</td> </tr> <tr> <td>Agriculture &amp; Forestry</td> <td>279 Person(s)</td> <td>13.08 %</td> </tr> <tr> <td>Development Planning</td> <td>217 Person(s)</td> <td>10.17 %</td> </tr> <tr> <td>Public Administration</td> <td></td> <td></td> </tr> </table>	Economic Infrastructure	955 Person(s)	44.77 %	Agriculture & Forestry	279 Person(s)	13.08 %	Development Planning	217 Person(s)	10.17 %	Public Administration			301 Person(s)	Carried over	112 Person(s)	<table border="0"> <tr> <td>( Long-term</td> <td>101 Person(s)</td> </tr> <tr> <td>( Short-term</td> <td>11 Person(s)</td> </tr> <tr> <td>( Long-term</td> <td>48 Person(s)</td> </tr> <tr> <td>( Short-term</td> <td>141 Person(s)</td> </tr> </table>	( Long-term	101 Person(s)	( Short-term	11 Person(s)	( Long-term	48 Person(s)	( Short-term	141 Person(s)
Economic Infrastructure	955 Person(s)	44.77 %																								
Agriculture & Forestry	279 Person(s)	13.08 %																								
Development Planning	217 Person(s)	10.17 %																								
Public Administration																										
( Long-term	101 Person(s)																									
( Short-term	11 Person(s)																									
( Long-term	48 Person(s)																									
( Short-term	141 Person(s)																									
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 ) 1. Economic Development in the Indonesia and Economic Technological Cooperation with Japan 2. Interaction of Mankind and Tropical Rain Forest 3. Housing Research 4. Joint Study Project on Geology of Quaternary Environment 5. Joint Study for Strengthening Research on Diseases of Industrial Crops in Indonesia	5 Project(s) (1977~1977) (1979~1981) (1974~1986) (1988~1991) (1990~1992)	Carried-over Projects 1. Riam Kanan Pilot Farm  New Projects	1 Project(s) (1992~1995)  0 Project(s)																						



JICA's Activities in Republic of Indonesia

	Cumulative Data ( FY 1954-1992 )	Performance in FY 1993
Non-project Equipment Supply	¥ 1,742 million (s)	6 Case (s) ¥ 116.3 million (s) 1. Equipment for Vocational Training for Disabilities ( 0.3 ) 2. Equipment for the Directorate for Industrial Safty and Health ( 4 ) 3. Provision of Radio Wave Propagation Test Equipment ( 11 ) 4. Provision of Radio Equipment Mesuring Facilities ( 18 ) 5. Equipment for R/D Centre for Limnology ( 42 ) 6. Provision of Maritine Rescue Equipment ( 41 )
Non-project Medical Equipment Supply	3 Case (s) ¥ 80 million (s)	1 Case (s) ¥ 20 million (s) 1. Medical Equipment ( 20 )
Technical Training Program	General 8,903 Person (s) ( Economic Infrastructure 2,235 Person (s) 25.10 % Agriculture & Forestry 1,667 Person (s) 18.72 % Mining & Industry 1,150 Person (s) 12.92 % )  Youth Invitation Program 1,344 Person (s)  Trainees through International Organizations 306 Person (s)	Total 812 Person (s) Carried over 102 Person (s)  New 710 Person (s) Group Training Course 175 Person (s) Individual Training Course 233 Person (s) ( ordinary individual training 6 Person (s) special courses 46 Person (s) special programs 7 Person (s) cost-sharing 0 Person (s) counterpart training 161 Person (s) ( trainees through international organizations 13 Person (s) Private-Sector Skilled Worker C/P Program 30 Person (s) In-Country Training 44 Person (s) Third Country Training Program 79 Person (s) Youth Invitation Program 149 Person (s)
Third Country Training Program	Completed Projects ( FY 1977~1992 ) 10 Course (s)  Annex 6	Carried over 5 Course (s)  Annex 6  New 4 Course (s)  Annex 6
Japan Overseas Cooperation Volunteers	85 Person (s) ( Human Resources Development 32 Person (s) 37.65 % Public Health & Medicine 26 Person (s) 30.59 % Welfare Economic Infrastructure 10 Person (s) 11.76 % )	Total 80 Person (s) Carried over 48 Person (s) New 32 Person (s)
Emigration Services		
Development Investment & Financial Program	44 Project (s) ¥ 15,244 million (s)	0 Project (s) ¥ million (s)
International Disaster Relief Program	FY 1985-1992 0 Case (s)	1. Earthquake 1 Case (s)

Capital Assistance to Republic of Indonesia

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	93 Project (s)	899.57	380 Project (s)	14,173.09
FY 1988	11 Project (s) 1. Aid for Increased Food Production 2. Project for the Construction of the Water Supply and Environmental Sanitation Training Center 3. Project for the Establishment of the Training Facility for Integrated Improvement of Post Harvest and Quality of Rice 4. Project for Malaria Control Program 1/4 5. Project for the Improvement of the Equipment for the Emergency Medical Services etc.,	71.50 ( 23.00 ) ( 11.14 ) ( 8.45 ) ( 7.08 ) ( 5.89 )	16 Project (s) 1. Sector Program Loan 2. Commodity Loan 3. Road Rehabilitation Project 4. Local Currency Cost Financing of the Project 5. Local Currency Cost Financing of the Project etc.,	1,976.29 ( 724.00 ) ( 381.00 ) ( 295.38 ) ( 125.02 ) ( 118.55 )
FY 1989	15 Project (s) 1. Aid for Increased Food Production 2. Project for the Construction of the Facilities for Live Attenuated Oral Poliomyelitis and Measles Vaccine Production 3. Project for the Improvement of the Institute of Human Institute of Human Settlements 1/2 4. Project for the Construction of the Emergency Hospital at Bali 5. Project for the Improvement of the Equipment for the Strengthening of the Animal Production and Health Institution etc.,	81.53 ( 17.00 ) ( 20.75 ) ( 14.41 ) ( 13.36 ) ( 5.44 )	14 Project (s) 1. Parallel Co-Finance with the Private Sector Development Loan from the World Bank 2. Sector Program Loan 3. Rehabilitation of Irrigation Schemes and Flood Alleviation Works Project 4. Second Roads Rehabilitation Project in Nine Provinces 5. ASEAN-Japan Development Fund etc.,	1,784.07 ( 455.00 ) ( 325.00 ) ( 215.18 ) ( 210.40 ) ( 193.96 )
FY 1990	14 Project (s) 1. Aid for Increased Food Production 2. Project for the Construction of the Facilities for Live Attenuated Oral Poliomyelitis and Measles Vaccine Production 2/2 3. Pilot Project for Multiplication and Distribution of High Quality Seed Potato 4. Project for the Expansion of Multimedia Training Center 5. Project for the Improvement of the Institute of Human Settlements 2/2 etc.,	83.09 ( 18.50 ) ( 16.64 ) ( 9.41 ) ( 8.30 ) ( 7.16 )	17 Project (s) 1. Parallel Co-Finance with the Private Sector Development Loan from the World Bank 2. Sector Program Loan 3. Local and Urban Road Development Project 4. Kotapanjang Hydroelectric Power and Associated Transmission Line Project I 5. Professional Human Resource Development Project etc.,	1,815.82 ( 381.225 ) ( 381.225 ) ( 167.72 ) ( 125.00 ) ( 124.39 )

Capital Assistance to Republic of Indonesia

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
FY 1991	19 Project(s) 1. Non-Project Grant Aid 2. Project for the Improvement of IKK's Rural Water Supply in Sulawesi Island 3. Project for the construction of National Medical Center for Infectious Diseases·1/2 4. Project for the establishment of Environmental Management Center·1/2 5. Project for the Improvement of the Equipment of Higher Education Development Support etc.,	96.87 ( 20.00 ) ( 9.63 ) ( 9.53 ) ( 8.88 ) ( 8.64 )	20 Project(s) 1. Sector Program Loan 2. Kotapunjang Hydroelectric Power and Associated Transmission Line Project· II 3. Java Bali Power Transmission Line and Substation Project (East Java) 4. Renun Hydroelectric Power and Associated Transmission Line Project· I 5. Mount Kelud Urgent Volcanic Disaster Mitigation Project etc.,	1,612.46 ( 675.20 ) ( 175.25 ) ( 76.71 ) ( 54.60 ) ( 32.46 )
FY 1992	14 Project(s) 1. Establishment of Environmental Management Center·2/2 2. Aid for Increased Food Production 3. Construction of National Medical Center for Infectious Diseases·2/2 4. Project for the Improvement of IKK's Rural Water Supply in Sulawesi Island·2/2 5. Project for the Strengthening of the Information, Education and Communication Activities in Family Planning Program etc.,	65.08 ( 17.99 ) ( 17.00 ) ( 15.06 ) ( 11.75 ) ( 5.66 )	18 Project(s) 1. Sector Program Loan 2. Bill-Bill Multipurpose Dam Project· II Surrounding Areas Project· I 3. ASEAN-Japan Development Fund 4. Jabotabek Area Railway Project· IX 5. Surabaya Urban Development Project· I etc.,	1,742.49 ( 661.70 ) ( 207.98 ) ( 162.44 ) ( 153.47 ) ( 112.51 )

JICA's Activities in Republic of Indonesia

II. Annex 1 ( FY 1964-1993 )

Development Study	
Completed Projects ( FY 1964-1992 )	217 Project(s)
Completed Projects ( FY 1974-1992 )	180 Project(s)
1. Solo River Basin Development aftercare	(1974~1974 )
2. Java Regional Study, East Java	(1974~1975 )
3. Wonogiri Multipurpose Dam Project	(1974~1975 )
4. Rehabilitation & Development of Town Gas	(1974~1975 )
6. Consolidation Program Survey of Electronic Navigation Systems	(1974~1977 )
6. Sadang River Bakaru Hydropower Development Project	(1974~1977 )
7. Geological Survey of Central Kalimantan	(1974~1977 )
8. Central & East Java Road Betterment Project	(1975~1976 )
9. Wonogiri Irrigation & Upper Solo River Improvement Project	(1975~1976 )
10. Wonogiri Irrigation Project	(1975~1976 )
11. Development Plan of the Banjarmasin Port	(1975~1977 )
12. Ular River Improvement Project	(1975~1978 )
13. Feasibility Study for Industrial Estate Project in Ujung Pandang	(1976~1976 )
14. Java Regional Study : Central Java	(1976~1977 )
15. Jakarta Ring Road Project	(1976~1977 )
16. Expansion Project of the Bitung Port	(1976~1977 )
17. Forest Inventory for Management and Logging in Central Java	(1976~1977 )
18. North & West Sumatra Tourism	(1976~1978 )
19. Land Erosion & Volcanic Debris Control	(1976~1979 )
20. Central South Sulawesi Water Resources Development Project	(1976~1979 )
21. Brantas River Basin Development Plan aftercare	(1977~1977 )
22. Brantas Middle Reaches River Improvement Project aftercare	(1977~1977 )
23. Shipbuilding Industry Development	(1977~1978 )
24. Development Plan of the Port of Semarang · I	(1977~1978 )
25. Hospital Facilities Improvement Project	(1977~1978 )
26. The Construction of Urea-Plant in Aceh	(1977~1978 )

Development Study	
27. Survey for the Construction of Bukie Asam Coalfining Thermal Power Plant	(1977~1978 )
28. Riam Kanan Irrigation Project	(1977~1979 )
29. The Survey for the Rehabilitation of the Ombine Coal Mine	(1977~1979 )
30. Watershed Management Plan in Upper Musi Watershed South Sumatra	(1977~1980 )
31. Joint Production of Common Datum Charts of the Straits of Malacca and Singapore	(1977~1982 )
32. Wonogiri Irrigation & River Improvement Project (follow-up)	(1978~1978 )
33. Joint Hydrographic Survey in Malacca and Singapore Straits (One Fathom Bank Area)	(1978~1978 )
34. Southern Coast Development Plan, East Java	(1978~1979 )
35. Removal of Sunken Vessels	(1978~1979 )
36. Expansion Project of the Port of Balikpapan	(1978~1979 )
37. Borobudur Prambanan National Archeological Parks	(1978~1979 )
38. Jakarta-Merak Highway Project : Jakarta/Tongerang Freeway Financial Study aftercare	(1978~1979 )
39. Medan Area Transportation	(1978~1980 )
40. Low Cost Housing Project in Cengkareng	(1978~1980 )
41. Improvement of Telephone Network in the City of Jakarta	(1978~1980 )
42. Feasibility Study for the Maung Hydroelectric Power Development	(1978~1980 )
43. Data Bank Program on Energy Supply and Consumption	(1978~1980 )
44. Lower Jeneberang River Flood Control Project	(1978~1981 )
45. Feasibility Study on the Komerang- I Irrigation Development Project	(1978~1981 )
46. Survey for the Petroleum Exploration and Production Data Bank System	(1978~1981 )
47. Small & Medium-sized Town Water Supply Projects in Sulawesi	(1979~1980 )
48. Reinforcement & Expansion Plan of P.T. Iki Makassar Shipyard	(1979~1980 )
49. Madlun River Urgent Improvement Project	(1979~1980 )
50. Telecommunication Network in Developing Areas Surrounding Medan & Pandang	(1979~1980 )

JICA's Activities in Republic of Indonesia

II. Annex 2 ( FY 1954-1993 )

Development Study	
61. Local Roads Support Works in Seven Provinces	(1979-1980 )
62. Lang Keme Irrigation Project	(1979-1980 )
63. North Sumatra Transmission Line Project	(1979-1980 )
64. Urban/Suburban Railway Transportation in "Jabotabek" Area	(1979-1981 )
65. Development Project of the Port of Sorong	(1979-1981 )
66. Jakarta Bay Road Project	(1979-1981 )
67. Geological Survey of West Kalimantan	(1979-1981 )
68. Long Term Development Plan of Maritime Communication System	(1980-1980 )
69. Long Term Development Plan of Maritime Communication System	(1980-1981 )
70. Padang Airport Development	(1980-1981 )
71. Establishment Program of Medan Foundry Center	(1980-1981 )
72. Ombilin Coal Mine Rehabilitation Project	(1980-1981 )
73. Bila Irrigation Project	(1980-1982 )
74. Asahan No.1 and No.3 Hydroelectric Power Development Project	(1980-1982 )
75. Riam Kiwa Hydroelectric Power Development Project	(1980-1982 )
76. Lempur Geothermal Development Project	(1980-1983 )
77. Local Condom Production Project	(1981-1981 )
78. Electrification Project of Main Railway Lines in Java	(1981-1982 )
79. Urban Development Planning on Cerbang Ketosusila Region (Surabaya Metropolitan Area)	(1981-1982 )
80. Telecommunications Network Development in the Eastern Part	(1981-1982 )
81. Bali International Airport Development	(1981-1982 )
82. Postharvest Losses	(1981-1982 )
83. Rice Pest Forecasting & Control Project	(1981-1982 )
84. Rice Seed Production and Distribution Project	(1981-1982 )
85. Sanrego Irrigation Project	(1981-1982 )
86. Technical Cooperation for the Energy Supply Demand Planning System	(1981-1982 )
87. The Master Plan Study for Strengthening of Data Processing & Information of Trade & Cooperatives	(1981-1982 )

Development Study	
78. North Banten Water Resources Development Project	(1981-1983 )
79. Long-Term Development Programs of International Telecommunications	(1981-1983 )
80. Urban Renewal Housing Project in Jakarta	(1981-1983 )
81. K-C-C Irrigation Development Project	(1981-1983 )
82. Kotapajang Hydroelectric Power	(1981-1983 )
83. Volcanic Pebris Control and Water Conservation Project in the South-Eastern Slope of Mt. Semeru	(1981-1984 )
84. Development Project of Domai Port	(1982-1983 )
85. Padang Area Flood Control Project	(1982-1983 )
86. Integrated Radio and Television Development	(1982-1983 )
87. Nusa Tenggara Terrestrial Transmission Network	(1982-1983 )
88. Medan-Colombo Submarine Cable System	(1982-1983 )
89. Development of Sugarcane Molasses Fermentation Industry	(1982-1983 )
90. Water Supply Development Project in Jakarta	(1982-1984 )
91. Urban/Suburban Railway Transportation in the "JABOTABEK" Area (Detailed Design on the New Railway Line for Cengkareng Airport)	(1982-1984 )
92. Urban/Suburban Railway Transportation in the "JABOTABEK" Area (Grade Separated Crossing in Manggari Station, Track Addition & Other Improvements on Merak Line & Track Addition & Other Improvement on Tangerang Line)	(1982-1984 )
93. Cooperative Mineral Exploration of Northern Sumatra (Tin, Gold, Copper, Lead, Zinc)	(1982-1984 )
94. Urban/Suburban Railway Transportation in the "JABOTABEK" Area (Railway Improvement in the Kampung Bandan Station Area)	(1982-1985 )
95. Topographic Mapping Project in the Upstream Area of the Negara River Basin	(1982-1985 )
96. Mosaic Photo-Map of the Downstream Area in the Negara River Basin	(1982-1985 )
97. Master Plan on the Development of Aids to Navigation System	(1983-1984 )
98. Renun Hydroelectric Power Development Project	(1983-1984 )

II. Annex 3 ( FY 1954-1993 )

Development Study	
99. East Java Power Expansion Project	(1983~1984 )
100. Plant (Paper and Pulp) Renovation	(1983~1984 )
101. Renovation of Caustic Soda Plant of P.T. Industry Soda Indonesia	(1983~1984 )
102. Rural Telecommunication Network	(1983~1985 )
103. Water Supply Development Project in Ujung Pandang	(1983~1985 )
104. Widas Flood Control and Drainage Project	(1983~1985 )
105. Karian Multipurpose Dam Construction Project	(1983~1985 )
106. Airport Development Project in Central Java and Jogjakarta	(1984~1986 )
107. Plant (Spinning Mill) Renovation	(1984~1984 )
108. Development of Plant Processing Equipments Industry	(1984~1984 )
109. Lower Asahan River Basin Development Project	(1984~1985 )
110. Local Road Development Project	(1984~1985 )
111. Regional Development Project in the Western Part of Java	(1984~1985 )
112. Improvement Project on Telephone Network in Medan, Semarang and Solo	(1984~1985 )
113. Thermal Power Plant Renovation Project	(1984~1985 )
114. Development Plan of the Port of Semarang II	(1984~1986 )
115. Surabaya-Banjarmasin Submarine Cable Project	(1984~1986 )
116. Electric Power System Development Program in Central Sumatra	(1984~1986 )
117. Arterial Road System Development in the Jakarta Metropolitan Area	(1984~1987 )
118. Solid Waste Management System Improvement Project in Jakarta City	(1984~1987 )
119. National Iron and Steel Development for the Second Generation	(1984~1987 )
120. Batang Kuma Irrigation Project	(1984~1988 )
121. Effective Utilization of Banko Coal	(1984~1988 )
122. Lower Asahan River Basin Development Project	(1984~1990 )
123. Development of Linkage-type Industries	(1985~1985 )
124. Plant (Cep Oil Refinery) Renovation	(1985~1985 )
125. Plant Renovation (Jakarta Foundry Center)	(1985~1985 )
126. Development of Telecommunication System	(1985~1986 )
127. Renovation of Medari Fabric Factory	(1985~1986 )

JICA's Activities in Republic of Indonesia

Development Study	
128. Regional Development Project in the Western Part of Java	(1985~1986 )
129. Runau Hydroelectric Power Development Project	(1985~1987 )
130. Mineral Resources Exploration	(1985~1987 )
131. Future Demand of Inter-island Traffic	(1986~1987 )
132. Trans-Sumatra Terrestrial Digital Transmission System	(1986~1987 )
133. Upgrading of Dayeuhkolot Workshop	(1986~1987 )
134. Master Plan for the Development of Maritime Search and Rescue and Prevention of Marine Accidents	(1986~1988 )
135. Flood Control Plan of the Upper Citarum Basin	(1986~1988 )
136. Disaster Prevention Project in Southeastern Slope of Mt. Galunggung	(1986~1988 )
137. Kalimantan-Sulawesi Submarine Cable System I · II	(1986~1988 )
138. Karinci Geothermal Development Project	(1986~1989 )
139. Ayung Hydroelectric Power Development Project	(1986~1989 )
140. Multiplication and Distribution of Improved Soybean Seed and Seed Potato	(1987~1987 )
141. Ujung Pandang Area Highway Development Study	(1987~1988 )
142. Urgent Bali Beach Conservation Project	(1987~1988 )
143. Implementation of Intra-City Digital Microwave Subscriber System	(1987~1988 )
144. Feasibility Study on Utilization of Small Scale Natural Gas in Jambi Province	(1987~1988 )
145. Feasibility Study on Cipsang Hydroelectric Power Development Project	(1987~1988 )
146. Feasibility Study on Establishment of Testing Laboratory & Quality Improvement	(1987~1988 )
147. Feasibility Study on Establishment of the Center for Industrial Technology Information	(1987~1988 )
148. Integrated Regional Development Plan for Northern Part of Sumatra	(1987~1989 )
149. Long-Term & Plan for Telecommunications Network in Jabocabek Area	(1987~1989 )
150. Kemayoran Urban Housing Development Project	(1987~1989 )



II. Annex 4 ( FY 1954-1993 )

Development Study	
151. Cikampek Cirebon Tollway Project	(1987~1989 )
152. Negara River Basin Overall Irrigation Development Plan	(1987~1989 )
153. Feasibility Study on Industrial Plantation Forest	(1987~1989 )
154. Chidanau and Chibanten Water Resources Development	(1987~1990 )
155. Feasibility Study on Sipansihaporas Hydroelectric Power Development Project	(1987~1990 )
156. Maintenance and Dredging of Access Channel of Banjarmasin Port	(1987~1990 )
157. Integrated Transportation System Improvement by Railway and Feeder Services in Jabotubek Area	(1987~1990 )
158. Improvement of Rice Post Harvest & Marketing in Farmer Groups	(1988~1989 )
159. Bogor-Bandung Road Project	(1988~1990 )
160. Airport Maintenance and Rehabilitation	(1988~1990 )
161. Urban Drainage and Waste Water Disposal Project In the City of Jakarta	(1988~1990 )
162. Feasibility Study on Air Selagan Irrigation Project in Bengkulu Province	(1988~1990 )
163. Radio and Television Development Project	(1988~1989 )
164. Mineral Exploration, Rare Metal and Rare Earth Metal Exploration in the Pegunungan Tigapuluh Area	(1989~1990 )
165. Telecommunications Network in Surabaya and Surrounding Area	(1989~1990 )
166. Surabaya-Mojokerto Toll Road Project	(1989~1991 )
167. Belawan-Padang Integrated River Basin Development	(1989~1991 )
168. Nias Island Irrigated Agriculture Development Project	(1989~1991 )
169. Industrial Sub-sector Development in the Republic of Indonesia	(1988~1991 )
170. Rehabilitation of Cipadung and Banjaran Spinning Mills, PT Industry Sandang	(1990~1991 )
171. Chindanau and Chibanten Water Resources Development	(1989~1992 )
172. IKK System Water Supply Project in Provinces of Central Java, East Java and Bali	(1989~1992 )
173. Wastewater Disposal for Denpasar	(1990~1992 )
174. The Integrated Regional Development Plan for the Southern Part of Sumatra	(1990~1992 )
175. Nation Wide Ferry Service Routes	(1990~1992 )
176. Coastal Roads in East Coast of Sumatra	(1990~1992 )
177. Land Development Project-Improvement of Land and Irrigation System at Farm Level	(1989~1992 )
178. Rokan River Basin Overall Irrigation Development Plan Study	(1990~1992 )
179. Wampu Hydroelectric Power Development Project	(1989~1992 )
180. Telecommunications Network Development Plan for REPELITA--VI	(1991~1992 )

JICA's Activities in Republic of Indonesia

Development Study	
Carried-over Projects ( FY 1993 )	15 Project(s)
1. Solid Waster Management Improvement for Surabaya City	(1990~1993 )
2. Upland Plantation and Land Development at Chitarik Watershed	(1990~1993 )
3. Utilization of Photovoltaic Hybrid System in Rural Areas	(1988~1993 )
4. Mine Mouth Coal Fired Power Plant in South Sumatra	(1990~1993 )
5. Mineral Exploration in Toraja Area	(1991~1993 )
6. Water Resources Development and Feasibility Study for Urgent Flood Control and Urban Drainage for Semarang City and Suburbs	(1991~1994 )
7. Formulation of Irrigation Development Program	(1991~1993 )
8. Upper Cisokan Pumped-Storage Hydroelectric Power Development Project	(1991~1994 )
9. Integrated Sea Transportation Development Plan	(1991~1994 )
10. Coastal Resources Inventory Management & Development	(1991~1994 )
11. Urban Arterial Road System Development	(1992~ )
12. Ciujun-Cidurian Integrated Water Resources	(1992~1994 )
13. Gilirang Irrigation Project	(1992~1994 )
14. Land Rehabilitation Plan of Semi Arid Zone in East Nusa Tenggara	(1992~1994 )
15. Development of Legal Metrology System	(1992~1995 )
New Projects ( FY 1993 )	11 Project(s)
1. Rural Electrification in Aceh & North Sumatra Provinces	(1993~1995 )
2. Kampar-Indragiri River Basin Development	(1993~1995 )
3. Wastewater Disposal and Solid Waste Management	(1993~1995 )
4. Container Cargo Handling Ports & Dry Ports and its Connecting Railway	(1993~1995 )
5. Engineering Manpower Development Planning	(1993~1995 )
6. Warsamson Hydroelectric Power Development	(1993~1995 )
7. Industrial Standardization and Promotion of Quality Control	(1993~1996 )
8. Ujung Pandang Cool Fired Steam Power Plant Development	(1993~1995 )
9. Land Rehabilitation of Semi Arid Zone in East Nusa Tenggara	(1993~1996 )
10. Air Pollution Control Counter measure	(1993~1995 )
11. Electric Power Development	(1993~1995 )

JICA's Activities in Republic of Indonesia

II. Annex 5 ( FY 1954-1993 )

Project-type Technical Cooperation	
Completed Projects ( FY 1954-1992 )	44 Project(s)
Completed Projects ( FY 1974-1992 )	30 Project(s)
1. Central Biological Research Institute	(1975~1981 )
2. Sericultural Development Project in South Sulawesi	(1975~1984 )
3. Project on South Sulawesi Regional Agriculture Development Planning	(1976~1982 )
4. Animal Health Improvement Program	(1977~1984 )
5. Agricultural Products Processing Pilot Plant Project	(1977~1984 )
6. Promotion of Health in North Sumatra	(1978~1988 )
7. Mountain Logging Practice Project	(1978~1982 )
8. Technical Cooperation on the Development of Building Materials	(1978~1983 )
9. Mariculture Research and Development	(1978~1985 )
10. Research on Strengthening of Legumes in Relation to Cropping System	(1978~1985 )
11. Nursing Education	(1978~1985 )
12. Middle Level Agricultural Technician Training Project	(1978~1987 )
13. Trial Plantation Project in Bunakat, South Sumatra	(1979~1987 )
14. Remote Sensing Engineering Project	(1980~1986 )
15. Plant Protection Project	(1980~1986 )
16. Construction Guidance Service Center	(1981~1987 )
17. Sumatra Chemical Industry Training and Development Center	(1981~1989 )
18. Biomass Energy Research and Development Center	(1982~1986 )
19. Center for Vocational and Extension Service Training	(1982~1990 )
20. Drug Quality Control	(1983~1988 )
21. Volcanic Sabo Technical Center	(1982~1989 )
22. Veterinary Drug Control Project	(1984~1990 )
23. Tropical Rain Forest Research Project	(1984~1989 )
24. Strengthening of Pioneering Research for Palawija Crop Production	(1986~1990 )
· III	
25. Telephone Outside Plant Maintenance and Training Center	(1986~1990 )
26. Food Crops Protection Project Phase II	(1987~1991 )
27. Research & Development of Indonesian Low Grade Nickel Laterities	(1987~1991 )
28. Radio and Television Training Center	(1983~1992 )
29. ASEAN Project on Characterization of Polymeric Materials	(1987~1992 )
30. Academic Development of the Graduate Program at the Faculty of Agricultural Engineering and Technology, Institute Pertanian Bogor	(1988~1992 )

Project-type Technical Cooperation	
Carried-over Projects ( FY 1992 )	20 Project(s)
1. Electronic Engineering Polytechnic Institute	(1987~1993 )
2. Strengthening the Research and Development of Coastal Aquaculture Project	(1988~1993 )
3. Center for Development of Appropriate Agricultural Engineering Technology	(1987~1993 )
4. Image Processing Laboratory for Oil and Gas Study	(1989~1994 )
5. Higher Education Development Support Project-HEDS	(1990~1995 )
6. Fundamental Technology Transfer Project for Production of Live Attenuated Measles and Poliomylitis Vaccines	(1989~1994 )
7. Family Planning and Maternal and Child Health	(1989~1994 )
8. Strengthening of Artificial Insemination Center Project	(1986~1994 )
9. Remote Sensing Engineering Project Phase II for the Development of Agricultural Infrastructure	(1988~1993 )
10. Forest Conservation Project in South Sulawesi	(1988~1993 )
11. Tropical Rain Forest Research Project Phase II	(1989~1994 )
12. Integrated Agricultural and Rural Development Project in Southeast Sulawesi Province	(1990~1995 )
13. Export Training Center : IETC	(1988~1993 )
14. Water Supply and Environmental Sanitation Training Center	(1991~1995 )
15. Sabo Technical Center Project	(1992~1997 )
16. CEVEST Vocational Training Center Development	(1992~1997 )
17. Forest Tree Improvement	(1992~1997 )
18. Environmental Management Center	(1992~1997 )
19. Modernization of Perunka's Education and Training System in Jabotabek	(1992~1997 )
20. Seed Potato Multiplication and Training Project	(1992~1997 )
New Projects ( FY 1993 )	2 Project(s)
1. Appropriate Technology for Multi-Story Residential Building	(1993~1998 )
2. Training in Industrial Pollution Prevention Technology	(1993~1998 )

JICA's Activities in Republic of Indonesia

II. Annex 6 ( FY 1954-1993 )

Third Country Training Program	
Completed Projects ( FY 1977-1992 )	10 Course(s)
1. Production Technology of Petroleum and Gas	(1985~1985)
2. Maritime Education and Training	(1986~1986)
3. Material Science	(1986~1986)
4. Livestock Hygiene	(1985~1989)
5. Planting System	(1986~1986)
6. International Advanced Course on Seismology and Earthquake Engineering for Building Engineers	(1981~1989)
7. International Course on Diagnosis of Animal Diseases and their Control Program	(1984~1990)
8. Dietetics (Master Course)	(1988~1990)
9. Third Country Training Course on Housing Strategies for Urban Low Income Groups	(1987~1991)
10. International Training Course in Sabo Engineering	(1988~1992)
Carried over ( FY 1993 )	5 Course(s)
1. International Training Course in Irrigation Engineering	(1985~1994)
2. International Training Course on Pest Surveillance and Forecasting	(1990~1994)
3. International Training Course on Agricultural Extension Methodology	(1990~1994)
4. International Advance Course on Integrated Technology for Housing Strategy	(1992~1996)
5. International Training Course on Veterinary Drug Improvement	(1992~1996)
New ( FY 1993 )	4 Course(s)
1. International Advanced Course on Earthquake Disaster Prevention for Building Engineers	(1993~1997)
2. Erosion and Sediment Control Engineering	(1993~1997)
3. Information, Education and Communication in Family Planning	(1993~1997)
4. Electronic Engineering Education	(1993~1997)

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I. Background Information  
1. Basic Data

Country	Republic of Korea
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Land Area	99 thousand km <sup>2</sup>	GDP	\$ 296,136 millions (1992)	Principal Exports	Electric & Electronic Apparatus, Textile Products
Population	43.66 millions (1992)	GNP per capita	\$ 6,790 (1992)	Exports to Japan	\$ 11,678 millions (1993)
Date of Independence	August 15, 1948	Sectoral Distribution of GDP	Agri. 8 %, Min. & Indus. 45 % Services 47 % (1992)	Imports from Japan	\$ 19,115 millions (1993)
Regime	Republic			Gross International Reserves	\$ 17,228 millions (1992)
Ethnic Composition	Korean	Sectoral Distribution of Employment	Agri. 17 %, Min. & Indus. 36 % Services 47 % (1990~1992)	Total External Debt	\$ 84,385 millions (1992)
Religion, Language	Buddhism, Confucianism Christianity / Korean			Debt Service Ratio	7.4 % (1992)
Currency, Exchange Rate	1US\$ = 808 W (1994. 2)	Merchandise Trade	Exports: \$ 76,394 millions (1992)	Net ODA Receipts (as % of GNP)	0.0 % (1991)
			Imports: \$ 81,413 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Korea

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
<sup>1)</sup> 1990	60.75	6	1	0.19	--	3	-0.57	--	--	50.36	26	1
1991	48.32	6	1	--	--	--	-7.91	--	--	40.41	--	1
1992	72.66	5	1	--	--	1	-56.26	--	5	17.57	--	1

A : Place of Korea among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Korea among DAC Countries

3. Economic Cooperation of DAC Countries to Korea (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
	(1)	Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	118.4 (100.0%)	115.4 (100.0%)	-115.5 ( %)	2.8 ( %)	2,830.0	2,832.8
① Japan	72.7 ( 61.4%)	72.7 ( 63.0%)	-55.1 ( %)	17.6 ( %)	641.7	659.3
② Germany	36.9 ( 31.2%)	34.1 ( 29.5%)	-20.2 ( %)	16.7 ( %)	439.3	456.0
③ Austria	4.6 ( 3.9%)	4.6 ( 4.0%)	-- ( %)	4.6 ( %)	-13.8	-9.2
④ France	3.4 ( 2.9%)	3.4 ( 2.9%)	-- ( %)	3.4 ( %)	-138.3	-134.9
Multilat. Assis. Major Donors	3.2 (100.0%)	3.2 (100.0%)	-3.0 ( %)	0.2 ( %)	-149.3	-149.1
① UNTA				1.4 ( %)	--	1.4
② UNDP				1.0 ( %)	--	1.0
Arab Countries	--	--	--	--	--	--
Total	121.6	118.6	-118.5	3.0	2,680.7	2,683.7

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop. : Signed on . . .
(2) E/N on Dispatching JOCV : Signed on . . .

5. Agencies Responsible for Coordinating Assistance

Tech. Coop :	Ministry of Science and Technology
Grant Aid :	
JOCV :	

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Republic of Korea

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993	
Technical Cooperation Disbursement	¥ 18,458 million (s)		¥ million (s)	
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case (s) 3 Case (s) 0 Person (s) 0 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case (s) 0 Case (s) 0 Person (s) 0 Person (s)
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Rapid Transit Line No.2 Construction Project in Seoul 2. Southwest Coast Agricultural Land Reclamation Project 3. Integrated Water Resources Development Program 4. Long-Term Multipurpose Dam Schemes 5. Seoul Municipal Solid Waste Management Program 6. River Environment for the Tributaries of Han River System in Seoul Municipality	15 Project (s) 6 Project (s) (1976-1977) (1976-1977) (1977-1979) (1977-1979) (1983-1985) (1989-1991)	Carried-over Projects 1. Industrial Waste Water Treatment and Recycling Project  New Projects	1 Project (s) (1990-1993)  0 Project (s)
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	0 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Japan-Korea Joint Research Program on Agriculture 2. Clinical Nutrition Research Center of Chung-Ang University 3. Daejeon Vocational Training Institute 4. Cardiovascular Diseases 5. Agro-meteorological Disaster Research Project 6. Technical Cooperation Project for the Prevention of Coal Mine Accident 7. Maternal and Child Health 8. Industrial Technology Training Institute	12 Project (s) 8 Project (s) (1974-1981) (1975-1979) (1975-1979) (1978-1983) (1982-1987) (1983-1987) (1984-1990) (1986-1992)	Carried-over Projects 1. Promoting Efficiency in the Utilization of Agricultural Lands 2. Improvement in Underground Working Environment of Mine Safety 3. Korean Gerontology Project 4. New Materials Evaluation Center Project 5. Prevention of Occupational Diseases  New Projects 1. Water Renovation System	5 Project (s) (1989-1994) (1989-1993) (1990-1995) (1991-1996) (1992-1997)  1 Project (s)
Individual Experts Dispatch Program	677 Person (s)	( Economic Infrastructure 277 Person (s) 40.92 % Agriculture & Forestry 119 Person (s) 17.58 % Mining & Industry 86 Person (s) 12.70 % )	46 Person (s) Carried over  New 41 Person (s)	5 Person (s) ( Long-term 4 Person (s) Short-term 1 Person (s) 41 Person (s) ( Long-term 1 Person (s) Short-term 40 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 ) 1. Environmental Management at Han River Basin (J)	1 Project (s) (1989-1992)	Carried-over Projects 1. Diagnosis Technical Development of Industrial Electrical Power Apparatus (M)  New Projects	1 Project (s) (1990-1993)  0 Project (s)

JICA's Activities in Republic of Korea

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																									
Non-project Equipment Supply		¥ 419 million(s)	0 Case(s)	¥ million(s)																								
Non-project Medical Equipment Supply	3 Case(s)	¥ 82 million(s)	1 Case(s) 1. Special Medical Equipment	¥ 35 million(s) ( 35 )																								
Technical Training Program	General 4,137 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding-right: 10px;">Mining &amp; Industry</td> <td>780 Person(s)</td> <td>18.85 %</td> </tr> <tr> <td>Agriculture &amp; Forestry</td> <td>764 Person(s)</td> <td>18.47 %</td> </tr> <tr> <td>Development Planning</td> <td>736 Person(s)</td> <td>17.79 %</td> </tr> <tr> <td>Public Administration</td> <td></td> <td></td> </tr> </table> Youth Invitation Program 595 Person(s) Trainees through International Organizations 599 Person(s)	Mining & Industry	780 Person(s)	18.85 %	Agriculture & Forestry	764 Person(s)	18.47 %	Development Planning	736 Person(s)	17.79 %	Public Administration				Total 248 Person(s) Carried over 32 Person(s) New 216 Person(s) Group Training Course 44 Person(s) Individual Training Course 74 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding-right: 10px;">(ordinary individual training)</td> <td>4 Person(s)</td> </tr> <tr> <td>(special courses)</td> <td>15 Person(s)</td> </tr> <tr> <td>(special programs)</td> <td>20 Person(s)</td> </tr> <tr> <td>(cost-sharing)</td> <td>1 Person(s)</td> </tr> <tr> <td>(counterpart training)</td> <td>28 Person(s)</td> </tr> <tr> <td>(trainees through international organizations)</td> <td>6 Person(s)</td> </tr> </table> Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 2 Person(s) Youth Invitation Program 96 Person(s)	(ordinary individual training)	4 Person(s)	(special courses)	15 Person(s)	(special programs)	20 Person(s)	(cost-sharing)	1 Person(s)	(counterpart training)	28 Person(s)	(trainees through international organizations)	6 Person(s)	
Mining & Industry	780 Person(s)	18.85 %																										
Agriculture & Forestry	764 Person(s)	18.47 %																										
Development Planning	736 Person(s)	17.79 %																										
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(cost-sharing)	1 Person(s)																											
(counterpart training)	28 Person(s)																											
(trainees through international organizations)	6 Person(s)																											
Third Country Training Program	Completed Projects ( FY 1977~1992 ) 1. Leadership Training Seminar for Disabled People	1 Course(s) (1986~1986)	Carried over  New	0 Course(s)  0 Course(s)																								
Japan Overseas Cooperation Volunteers	0 Person(s)		Total 0 Person(s) Carried over 0 Person(s) New 0 Person(s)																									
Emigration Services																												
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)																								
International Disaster Relief Program	FY 1985-1992	0 Case(s)		0 Case(s)																								



Capital Assistance to Republic of Korea

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	13 Project(s)	46.72	42 Project(s)	5,110.41
FY 1988	0 Project(s)		6 Project(s) 1. Education Facilities Expansion Project · III 2. Medical Facilities Expansion Project 3. Sea-dyke Construction Works of Yong San Gang Irrigation Project Stage III-1 4. Ulsan City Development Project 5. Sewage Treatment Plant Construction Project etc.,	272.62 ( 59.20 ) ( 56.24 ) ( 44.40 ) ( 44.40 ) ( 41.59 )
FY 1989	1 Project(s) 1. Emergency Relief	0.25 ( 0.25 )	2 Project(s) 1. Dajeon City Water Supply Extension Project · III 2. Small and Medium Industries Modernization Program · II	76.34 ( 14.34 ) ( 62.00 )
FY 1990	1 Project(s) 1. Emergency Relief	0.27 ( 0.27 )	7 Project(s) 1. Seoul Subway Construction Project · II 2. Small and Medium Industries Modernization Program · III 3. Livestock Feedmils Construction Project 4. Medical Facilities Expansion Project 5. Fisheries and Maritime Education Facilities Expansion Project etc.,	995.90 ( 720.00 ) ( 115.20 ) ( 54.14 ) ( 43.20 ) ( 21.60 )
FY 1991	0 Project(s)		0 Project(s)	
FY 1992	0 Project(s)		0 Project(s)	

I. Background Information  
1. Basic Data

Country	Lao People's Democratic Republic
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Land Area	237 thousand km <sup>2</sup>	GDP	\$ 1,195 millions (1991)	Principal Exports	Timber, Timber Products Electric Power	
Population	4.47 millions (1992)	GNP per capita	\$ 250 (1992)	Exports to Japan	\$ 12 millions (1993)	
Date of Independence	July, 1949	Sectoral Distribution of GDP	Agri. 53.3%, Min. & Indus. 18.9% Services 27.6% (1991)	Imports from Japan	\$ 37 millions (1993)	
Regime	People's Republic			Gross International Reserves	\$ 61 millions (1990)	
Ethnic Composition	Laotian	Sectoral Distribution of Employment	Agri. 76%, Min. & Indus. 7% Services 17% (1990~1992)	Total External Debt	\$ 1,952 millions (1992)	
Religion, Language	Buddhism / Laotian			Debt Service Ratio	5.7% (1992)	
Currency, Exchange Rate	1US\$=717.15 KN (1994. 2)	Merchandise Trade	Exports	\$ 91 millions (1992)	Net ODA Receipts (as % of GNP)	12.8% (1991)
			Imports	\$ 241 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Laos

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	3.63	26	1	15.48	--	2	-1.75	--	--	17.36	--	1
1991	7.35	--	1	15.09	--	1	-1.88	--	--	20.56	--	1
1992	7.16	--	2	19.62	--	1	-2.00	--	1	24.78	--	1

A : Place of Laos among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Laos among DAC Countries

3. Economic Cooperation of DAC Countries to Laos (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
	(1)	Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	78.9 (100.0%)	32.4 (100.0%)	-2.0 ( %)	76.9 (100.0%)	0.5	77.4
① Japan	26.8 ( 34.0%)	7.2 ( 22.2%)	-2.0 ( %)	24.8 ( 32.2%)	--	24.8
② Sweden	15.9 ( 20.2%)	7.3 ( 22.5%)	-- ( %)	15.9 ( 20.7%)	--	16.9
③ Australia	10.6 ( 13.4%)	1.8 ( 5.6%)	-- ( %)	10.6 ( 13.8%)	--	10.6
④ France	8.6 ( 10.9%)	5.1 ( 15.7%)	-- ( %)	8.6 ( 11.2%)	0.4	9.0
Multilat. Assis. Major Donors	28.7 (100.0%)	16.7 (100.0%)	60.4 (100.0%)	89.1 ( %)	--	89.1
① IDB				37.7 ( %)	--	37.7
② AsDB				20.7 ( %)	--	20.7
Arab Countries	--	--	--	--	--	--
Total	107.6	49.1	58.4	166.0	0.5	166.5

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1965.11.23

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : }  
Grant Aid : } Committee for Planning and  
JOCV : } Cooperation (CPC)

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Lao People's Democratic Republic

II. Performance

		Cumulative Data ( FY 1954-1991 )		Performance in FY 1993	
		¥ 6,379 million(s)		¥ million(s)	
Technical Cooperation Disbursement					
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	2 Case(s) 4 Case(s) 0 Person(s) 0 Person(s)		Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case(s) 3 Case(s) 0 Person(s) 0 Person(s)
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Improvement of Drainage System in Vientiane 2. Ngon Bridge Construction Project 3. Xe Katam Small-Scale Hydroelectric Power Development Project 4. Solid Waste Management System Improvement Project in Vientiane 5. Integrated Agricultural Rural Development Project in Savannakhet Province	9 Project(s) 5 Project(s) (1988~1989) (1989~1990) (1989~1991) (1990~1992) (1990~1992)		Carried-over Projects 1. Agricultural Development Project to Control Slash and Burn Cultivation in Oudomxay Province 2. Topographic Mapping of Boikhamxai Province 3. Hydroelectric Power Development in the Sekong Basin  New Projects 1. Groundwater Development for Chamedasak and Saravan Provinces	3 Project(s) (1991~1993) (1992~1995) (1992~1994)  1 Project(s) (1993~1995)
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	17 Project(s)		Carried-over Projects  New Projects 1. Groundwater Development Project in Vientiane Province 2. Improvement of the Facility and Equipment of the Higher Technical School of Electrotechnics and Electronics 3. Integrated Agricultural Rural Development in Savannakhet Provinces 4. Reconstruction of Bridges on the National Road Route 13	0 Project(s)  4 Project(s) (1993~1993) (1993~1993) (1993~1993) (1993~1994)
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )	3 Project(s) 0 Project(s)		Carried-over Projects 1. Primary Health Care Project  New Projects	1 Project(s) (1992~1997)  0 Project(s)
Individual Experts Dispatch Program	116 Person(s)	Agriculture & Forestry 40 Person(s) 34.48 % Economic Infrastructure 24 Person(s) 20.69 % Development Planning 19 Person(s) 16.38 % Public Administration		7 Person(s) Carried over 2 Person(s) (Long-term 2 Person(s) Short-term 0 Person(s) New 5 Person(s) (Long-term 4 Person(s) Short-term 1 Person(s)	
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project(s)		Carried-over Projects  New Projects	0 Project(s)  0 Project(s)

JICA's Activities in Lao People's Democratic Republic

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																									
Non-project Equipment Supply		¥ 219 million(s)	0 Case(s)	¥ million(s)																								
Non-project Medical Equipment Supply	5 Case(s)	¥ 202 million(s)	1 Case(s) 1. Medical Equipment for Infectious Diseases Control	¥ 41 million(s) ( 41 )																								
Technical Training Program	General 479 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Agriculture &amp; Forestry</td> <td style="padding-left: 5px;">127 Person(s)</td> <td style="padding-left: 5px;">26.51 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Economic Infrastructure</td> <td style="padding-left: 5px;">114 Person(s)</td> <td style="padding-left: 5px;">23.80 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Development Planning</td> <td style="padding-left: 5px;">86 Person(s)</td> <td style="padding-left: 5px;">17.95 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Public Administration</td> <td></td> <td></td> </tr> </table> Youth Invitation Program 0 Person(s) Trainees through International Organizations 9 Person(s)	Agriculture & Forestry	127 Person(s)	26.51 %	Economic Infrastructure	114 Person(s)	23.80 %	Development Planning	86 Person(s)	17.95 %	Public Administration				Total 79 Person(s) Carried over 9 Person(s) New 70 Person(s) Group Training Course 18 Person(s) Individual Training Course 29 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(ordinary individual training</td> <td style="padding-left: 5px;">1 Person(s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special courses</td> <td style="padding-left: 5px;">5 Person(s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(special programs</td> <td style="padding-left: 5px;">11 Person(s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(cost-sharing</td> <td style="padding-left: 5px;">0 Person(s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(counterpart training</td> <td style="padding-left: 5px;">12 Person(s)</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">(trainees through international organizations</td> <td style="padding-left: 5px;">0 Person(s)</td> </tr> </table> Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 23 Person(s) Youth Invitation Program 0 Person(s)	(ordinary individual training	1 Person(s)	(special courses	5 Person(s)	(special programs	11 Person(s)	(cost-sharing	0 Person(s)	(counterpart training	12 Person(s)	(trainees through international organizations	0 Person(s)	
Agriculture & Forestry	127 Person(s)	26.51 %																										
Economic Infrastructure	114 Person(s)	23.80 %																										
Development Planning	86 Person(s)	17.95 %																										
Public Administration																												
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(cost-sharing	0 Person(s)																											
(counterpart training	12 Person(s)																											
(trainees through international organizations	0 Person(s)																											
Third Country Training Program	Completed Projects( FY 1977~1992 )	0 Course(s)	Carried over	0 Course(s)																								
			New	0 Course(s)																								
Japan Overseas Cooperation Volunteers	278 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Agriculture &amp; Forestry</td> <td style="padding-left: 5px;">106 Person(s)</td> <td style="padding-left: 5px;">38.13 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Economic Infrastructure</td> <td style="padding-left: 5px;">86 Person(s)</td> <td style="padding-left: 5px;">30.94 %</td> </tr> <tr> <td style="border-left: 1px solid black; padding-left: 5px;">Mining &amp; Industry</td> <td style="padding-left: 5px;">28 Person(s)</td> <td style="padding-left: 5px;">10.07 %</td> </tr> </table>	Agriculture & Forestry	106 Person(s)	38.13 %	Economic Infrastructure	86 Person(s)	30.94 %	Mining & Industry	28 Person(s)	10.07 %	Total 43 Person(s) Carried over 24 Person(s) New 19 Person(s)																	
Agriculture & Forestry	106 Person(s)	38.13 %																										
Economic Infrastructure	86 Person(s)	30.94 %																										
Mining & Industry	28 Person(s)	10.07 %																										
Emigration Services																												
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)																								
International Disaster Relief Program	FY 1985-1992	0 Case(s)		0 Case(s)																								

Capital Assistance to Lao People's Democratic Republic

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	54 Project(s)	169.46	2 Project(s)	51.90
FY 1988	5 Project(s) 1. Debt Relief 2. Food Aid 3. Aid for Increased Food Production 4. Project for the Improvement of the Vientiane River Port·2/2 5. Project for the Improving Public Transportation in Vientiane·1/2	17.95 ( 3.42 ) ( 1.00 ) ( 4.00 ) ( 5.28 ) ( 4.25 )	0 Project(s)	
FY 1989	10 Project(s) 1. Debt Relief 2. Aid for Increased Food Production 3. Project for the Improving Public Transportation in Vientiane·2/2 4. Project to Repair Nam Ngum Dam Power Station·1/2 5. Project to Improve the Equipment of Fire Fighting etc.,	22.37 ( 3.37 ) ( 4.00 ) ( 5.82 ) ( 4.87 ) ( 2.50 )	0 Project(s)	
FY 1990	9 Project(s) 1. Debt Relief 2. Aid for Increased Food Production 3. Agricultural, Rural Development Project in Suburbs of Vientiane·1/3 4. Project to Repair Nam Ngum Dam Power Station·2/2 5. Bookmobiles and Equipment to National Library etc.,	22.36 ( 3.32 ) ( 4.00 ) ( 10.74 ) ( 3.96 ) ( 0.21 )	0 Project(s)	
FY 1991	5 Project(s) 1. Second Telecommunication Project·1/2 2. Agricultural, Rural Development Project in Suburbs of Vientiane·2/3 3. Aid for Increased Food Production 4. Debt Relief 5. Project for the Reconstruction of Lao National TV Station·1/2	29.64 ( 9.25 ) ( 6.88 ) ( 4.00 ) ( 3.90 ) ( 3.41 )	0 Project(s)	
FY 1992	13 Project(s) 1. Second Telecommunication Project·2/2 2. Project for the Reconstruction of Lao National TV Station·2/2 3. Aid for Increased Food Production 4. Agricultural, Rural Development Project in Suburbs of Vientiane·3/3 5. Project for the Improvement of Water Supply Facilities in Vientiane etc.,	28.38 ( 8.11 ) ( 5.56 ) ( 4.50 ) ( 4.50 ) ( 2.90 )	0 Project(s)	

I. Background Information  
1. Basic Data

Country	Malaysia
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Land Area	330 thousand km <sup>2</sup>	GDP	\$ 57,568 millions (1992)	Principal Exports	Crude Oil, Timber, Electronic Apparatus, Palm Oil
Population	18.61 millions (1992)	GNP per capita	\$ 2,790 (1992)	Exports to Japan	\$ 7,642 millions (1993)
Date of Independence	August 31, 1957	Sectoral Distribution of GDP	Agri. 16 %, Min. & Indus. 42 % Services 44 % (1992)	Imports from Japan	\$ 9,649 millions (1993)
Regime	Constitutional Monarchy			Gross International Reserves	\$ 18,024 millions (1992)
Ethnic Composition	Malay, Chinese, Indian, etc.,	Sectoral Distribution of Employment	Agri. 26 %, Min. & Indus. 28 % Services 46 % (1990~1992)	Total External Debt	\$ 19,837 millions (1992)
Religion, Language	Muslim, Buddhism etc., / Malay, Chinese			Merchandise Exports	\$ 40,705 millions (1992)
Currency, Exchange Rate	1US\$ = 2.726 RM (1994. 2)	Trade Imports	\$ 38,361 millions (1992)	Net ODA Receipts (as % of GNP)	12.8 % (1991)

2. The Flow of Japan's Bilateral ODA to Malaysia

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	58.54	5	1	1.77	—	4	312.31	4	1	372.62	6	1
1991	60.03	5	1	8.00	—	2	131.82	12	1	199.85	11	1
1992	63.75	6	1	6.42	—	1	86.90	10	1	157.07	9	1

A : Place of Malaysia among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Malaysia among DAC Countries

3. Economic Cooperation of DAC Countries to Malaysia (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans	Total ODA Net	Other Offic. & Private Flows	Total Eco. Coop. Net
	(1)	(2)				
	Tech. Coop.	(2)	(1)+(2)=(3)	(4)	(3)+(4)=(5)	
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	156.4 (100.0%)	111.8 (100.0%)	38.5 ( )	195.0 ( )	158.5	353.5
① Japan	70.2 (44.9%)	63.8 (57.1%)	86.9 ( )	157.1 ( )	335.9	493.0
② U.K.	28.3 (18.1%)	5.2 (4.7%)	-5.9 ( )	22.4 ( )	56.1	78.5
③ Australia	20.0 (12.8%)	18.6 (16.6%)	— ( )	20.0 ( )	27.5	47.5
④ Germany	12.1 (7.7%)	11.6 (10.4%)	-1.1 ( )	11.0 ( )	-30.5	-19.5
Multilat. Assis. Major Donors	14.9 (100.0%)	10.5 (100.0%)	0.8 (100.0%)	15.7 (100.0%)	-8.2	7.5
① UNICR				5.6 (46.5%)	—	5.6
② CEC				2.9 (25.2%)	—	2.9
Arab Countries	0.0	—	-2.1	-2.1	—	-2.1
Total	171.4	122.3	37.2	208.6	150.2	358.8

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop. : Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1965.12.23

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : Economic Planning Unit (EPU), Prime Minister's Department

Grant Aid :

JOVC :

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.



JICA's Activities in Malaysia

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993	
		¥ million (s)		¥ million (s)
Technical Cooperation Disbursement		¥ 57,184 million (s)		
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	4 Case (s) 1 Case (s) 1 Person (s) 2 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case (s) 0 Case (s) 0 Person (s) 1 Person (s)
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )	76 Project (s) 60 Project (s)	Carried-over Projects  Annex New Projects  Annex	8 Project (s)   3 Project (s)
	Annex			
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	8 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. MARA Vocational Training Institute Johor Bahru 2. Water Management Training Project 3. The Metal Industry Technology Center 4. National Calibration Laboratory of Standard and Industrial Research Institute 5. Development for the Faculty of Fisheries and Marine Science, University of Agriculture 6. The Forest Products Research Project 7. The Center for Instructor and Advanced Skill Training (CIAST) 8. The National Computer Institute 9. ASEAN Project on Characterization of Fine Ceramics	13 Project (s) 9 Project (s) (1976~1981) (1977~1985) (1978~1984) (1981~1985) (1984~1989) (1985~1989) (1982~1990) (1985~1990) (1987~1992)	Carried-over Projects 1. The Malaysia ASEAN Poultry Disease Research and Training Project 2. The Malaysia, Sabah Re-afforestation Technical Development and Training Project 3. The Project on Foundry Technology Unit 4. The Radiation Applications Project 5. Development of Biotechnology at the Faculty of Food Science and Biotechnology, UPM 6. Effective Wood Utilization Research Project in Sarawak 7. Project for Research and Development on Diagnosis of Selected Tropical Diseases  New Projects 1. Effective Wood Utilization Research Project in Sarawak 2. Evaluation and Analysis of Hazardous Chemical Substances and Biological Treatment of Hazardous Chemicals	7 Project (s) (1986~1993) (1987~1994) (1988~1993) (1989~1994) (1990~1995) (1992~1997) (1993~1995)  2 Project (s) (1993~1998) (1993~1997)
Individual Experts Dispatch Program	506 Person (s)	( Economic Infrastructure 186 Person (s) 36.76 % Agriculture & Forestry 97 Person (s) 19.17 % Human Resources Development 69 Person (s) 13.64 % )	53 Person (s) Carried over  New	20 Person (s) ( Long-term 16 Person (s) Short-term 4 Person (s) 33 Person (s) ( Long-term 5 Person (s) Short-term 28 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)

JICA's Activities in Malaysia

	Cumulative Data ( FY 1954-1992 )	Performance in FY 1993												
Non-project Equipment Supply	¥ 786 million(s)	4 Case(s) ¥ 145 million(s) 1. Equipment for Planning and Design of Port and Coastal Structures ( 53 ) 2. Equipment for monitoring of air pollution ( 74 ) 3. Equipment for survey and observation on crop fields arrangement plan ( 9 ) 4. Equipment for quality control frozen smashed fish ( 9 )												
Non-project Medical Equipment Supply	1 Case(s) ¥ 70 million(s)	0 Case(s) ¥ million(s)												
Technical Training Program	General 5,345 Person(s) <table border="0"> <tr> <td>( Economic Infrastructure</td> <td>1,435 Person(s)</td> <td>26.85 %</td> </tr> <tr> <td>( Mining &amp; Industry</td> <td>1,056 Person(s)</td> <td>19.76 %</td> </tr> <tr> <td>( Development Planning</td> <td>749 Person(s)</td> <td>14.01 %</td> </tr> <tr> <td>( Public Administration</td> <td></td> <td></td> </tr> </table> Youth Invitation Program 1,345 Person(s) Trainees through International Organizations 166 Person(s)	( Economic Infrastructure	1,435 Person(s)	26.85 %	( Mining & Industry	1,056 Person(s)	19.76 %	( Development Planning	749 Person(s)	14.01 %	( Public Administration			Total 574 Person(s) Carried over 35 Person(s) New 539 Person(s) Group Training Course 135 Person(s) Individual Training Course 204 Person(s) (ordinary individual training 4 Person(s)) (special courses 38 Person(s)) (special programs 0 Person(s)) (cost-sharing 0 Person(s)) (counterpart training 41 Person(s)) (trainees through international organizations 3 Person(s)) (Special Course "Look East Policy" 118 Person(s)) Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 50 Person(s) Youth Invitation Program 150 Person(s)
( Economic Infrastructure	1,435 Person(s)	26.85 %												
( Mining & Industry	1,056 Person(s)	19.76 %												
( Development Planning	749 Person(s)	14.01 %												
( Public Administration														
Third Country Training Program	Completed Projects( FY 1977~1992 ) 8 Course(s) 1. Electronic News Gather/Electronic Field Production Operation and Maintenance (1983~1987) 2. Metalworking (1983~1988) 3. Forestry (1987~1989) 4. Particle Board (1987~1987) 5. Electrical Control (1989~1989) 6. The Board of Audit (1990~19 ) 7. Training Seminar on Regional Rain Acidification Studies (1992~1992) 8. ASEAN Workshop on the Production of Natural Flavor for food (1992~1992)	Carried over 5 Course(s) 1. Operation and Maintenance of ENG/EFP-Advanced Course (1989~1993) 2. ASEAN Course in Basic Diagnostic Techniques on Poultry Diseases (1987~1995) 3. ASEAN Course in Specialized Diagnostic Techniques on Poultry Diseases (1987~1995) 4. Advanced Skill Training on Fuel Injection System Services (1992~1996) 5. Food Technology (1992~1995) New 3 Course(s) 1. Information Systems Management (1993~1997) 2. Programmable Logic Controller (1993~1997) 3. Plant Systematics (1993~1994)												
Japan Overseas Cooperation Volunteers	880 Person(s) <table border="0"> <tr> <td>( Human Resources Development</td> <td>242 Person(s)</td> <td>27.50 %</td> </tr> <tr> <td>( Agriculture &amp; Forestry</td> <td>207 Person(s)</td> <td>23.52 %</td> </tr> <tr> <td>( Mining &amp; Industry</td> <td>121 Person(s)</td> <td>13.75 %</td> </tr> </table>	( Human Resources Development	242 Person(s)	27.50 %	( Agriculture & Forestry	207 Person(s)	23.52 %	( Mining & Industry	121 Person(s)	13.75 %	Total 104 Person(s) Carried over 62 Person(s) New 42 Person(s)			
( Human Resources Development	242 Person(s)	27.50 %												
( Agriculture & Forestry	207 Person(s)	23.52 %												
( Mining & Industry	121 Person(s)	13.75 %												
Emigration Services														
Development Investment & Financial Program	11 Project(s) ¥ 2.350 million(s)	1 Project(s) ¥ 62 million(s)												
International Disaster Relief Program	FY 1985-1992 0 Case(s)	1. Building Collapse 1 Case(s)												

JICA's Activities in Malaysia

II. Annex 1 ( FY 1954-1993 )

Development Study	
Completed Projects ( FY 1954-1992 )	76 Project(s)
Completed Projects ( FY 1974-1992 )	60 Project(s)
1. Establishment of Electronic & Navigational Aid Systems Project	(1974-1977 )
2. Kelantan Port Development Project	(1975-1980 )
3. Sewerage & Drainage System Project	(1976-1978 )
4. Master Plan Study for the Development of Petroleum & Natural Gas Resources	(1976-1977 )
5. Kuantan-Kuching Submarine Cable Project	(1977-1977 )
6. ASEAN Submarine Cable Project: Thailand-Malaysia-Singapore Route	(1977-1978 )
7. Joint Production of Common Datum Charts of the Straits of Malacca & Singapore	(1977-1982 )
8. Beluru/Long Lama/Limbank Trunk Road Construction Project in Sarawak	(1977-1979 )
9. Trengganu Swamp Area Integrated Agricultural Development	(1977-1979 )
10. Joint Hydrographic Survey in Malacca & Singapore Straits (Wan Fazam bank area)	(1978-1978 )
11. Sewerage & Drainage System Project in Alor Setar & its Urban Environs	(1978-1980 )
12. Flood Forecasting & Warning System in Sabah & Sarawak	(1978-1980 )
13. Ex-Mining Land for Housing Development & Other Purposes	(1978-1980 )
14. National Water Resources Study	(1978-1982 )
15. Urban Transport in George Town, Butterworth & Bukit Mentajam	(1978-1982 )
16. Bintulu Deepwater Port Project	(1979-1979 )
17. Kinabatangan River Basin Development Project	(1979-1981 )
18. Feasibility Study on the ASEAN Area Project	(1979-1980 )
19. VHF/FM Broadcast Coverage for Peninsular Malaysia	(1980-1980 )
20. Sewerage & Drainage System Project in Kelang, Port Kelang & its Environs	(1980-1982 )
21. Road Construction & Improvement Project in Johor Bahru and its Construction	(1980-1983 )
22. Tekai Hydroelectric Power Development Project	(1980-1983 )

Development Study	
23. VHF/FM Broadcast Coverage for the States of Sabah & Sarawak	(1981-1982 )
24. Railway Development Plan Study	(1981-1983 )
25. Tatau-Kapit Trunk Road Construction Project	(1981-1984 )
26. Integrated Regional Development of South Trengganu	(1981-1985 )
27. Establishment of Kelantan Cement Factory	(1981-1981 )
28. Development Project of Perlis Port	(1982-1983 )
29. Perlis-Kedah-Pulau Pinang Regional Water Resources	(1982-1984 )
30. Mineral Resources Exploration	(1982-1984 )
31. Regional Water Resources Study of South Johor	(1983-1985 )
32. New East-West Railway Project and the West Coast Railway Project	(1983-1985 )
33. Bengkoka Afforestation/Resettlement Project	(1983-1984 )
34. Tenom Pangi Hydropower Project	(1983-1986 )
35. Kelang Valley Transportation	(1984-1986 )
36. Sarawak Mini Hydroelectric Power Development Project	(1984-1988 )
37. Kuantan-Kota Kinabalu Submarine Cable Project	(1985-1986 )
38. Computerized Area Traffic Control System in Penang	(1985-1987 )
39. Tanjong Karang Irrigation Development and Management Project	(1985-1987 )
40. City Gas Distribution System in Klang Valley Area	(1985-1987 )
41. Mineral Resources Exploration	(1985-1987 )
42. Flood Control of the Klang River Basin	(1986-1988 )
43. Comprehensive National Tourism Development Plan	(1986-1988 )
44. Klang Valley Transportation	(1986-1989 )
45. Lebir Dam Project	(1986-1987 )
46. Solid Waste Management Study for Pulau Pinang and Seberang Perai Municipality	(1987-1989 )
47. Kelantan River Basin-Wide Flood Mitigation	(1987-1989 )
48. Industrial Sector Development	(1987-1990 )
49. Traffic Control & Management System of Malaysian Express Ways and Toll Highways	(1988-1989 )
50. Penang Island Flood Mitigation & Drainage Master Plan Study	(1988-1990 )

JICA's Activities in Malaysia

II. Annex 2 ( FY 1954-1993 )

Development Study	
51. Rationalization and Crop Diversification Study on Non-Grainy Irrigated Area	(1988~1990 )
52. Mineral Exploration in Perak	(1988~1990 )
53. Fish Marketing and Distribution System	(1989~1990 )
54. Feasibility Study on Rail-Based Commuter Services in Klang Valley	(1989~1990 )
55. Development of Rajang Port in Malaysia	(1989~1991 )
56. Establishment of a High-Tech and Electric Industrial Estate	(1990~1991 )
57. Maintenance and Rehabilitation of Bridges in Malaysia	(1989~1992 )
58. Highway Network Development	(1989~1992 )
59. Small Scale Hydroelectric Power Development Project at Upper Liwagu Liver Basin in Sabah	(1990~1992 )
60. Industrial Standardization and Quality Assurance Improvement Program	(1990~1992 )
<b>Carried-over Projects</b>	<b>8 Project (s)</b>
1. Air Quality Management Study for Kelang Valley Region	(1989~1993 )
2. Mineral Exploration : Supra-Regional Survey, Central Sabah Area	(1990~1993 )
3. Improvement Fish Marketing and Distribution System	(1991~1993 )
4. Upgrading the Measurements Center, SIRIM of Malaysia	(1992~1993 )
5. National River Mouth Study in Malaysia	(1990~1994 )
6. Forest Plantation Development in Northern SABAH	(1992~1994 )
7. Introduction of Land Readjustment	(1992~1995 )
8. Small Reservoir Development in Peninsular Malaysia	(1992~1994 )

Development Study	
<b>New Projects</b>	<b>3 Project (s)</b>
1. Standardization of the Bridge Design	(1993~1995 )
2. Comprehensive Management Plan of Muda River Basin	(1993~1995 )
3. Industrial Sector Development-Supporting Industries	(1993~1995 )

Capital Assistance to Malaysia

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	25 Project(s)	82.99	69 Project(s)	2,879.71
FY 1988	2 Project(s) 1. Project to Extend University of Malaya's Japanese Language Center 2. Musical Instruments	3.97 ( 3.83 ) ( 0.14 )	2 Project(s) 1. Peninsular Gas Utilization Project (Stage II) 2. ASEAN-Japan Development Fund	787.87 ( 420.00 ) ( 367.87 )
FY 1989	6 Project(s) 1. Project for the Installation of Planetarium Projector for the National Space Science Education Center 2. Video Editing Machines and Cultural and Educational TV Programs to Radio Television Malaysia 3. Video Dubbing Equipment to the Ministry of Education 4. Small-Scale Grant Aid (3 projects)	3.68 ( 2.89 ) ( 0.50 ) ( 0.21 ) ( 0.08 )	3 Project(s) 1. Rural Development (Poverty Eradication) Project 2. Regional Development (Poverty Eradication) Project 3. Malayan Railway Improvement Project	612.60 ( 324.98 ) ( 93.18 ) ( 194.44 )
FY 1990	4 Project(s) 1. Project for Modernization of Fisheries Training Institute-1/2 2. Equipment for Learning Languages for the Residential Schools 3. Audio-Visual Equipment for the National Library 4. Small Scale Grant Assistance	10.46 ( 9.44 ) ( 0.50 ) ( 0.48 ) ( 0.04 )	0 Project(s)	
FY 1991	4 Project(s) 1. Project for Modernization of Fisheries Training Institute-2/2 2. Audio-visual Mobile Van to the Terrengganu State Museum 3. Audio-visual Equipment to the National University of Malaysia 4. Small-Scale Grant Aid (1 project)	5.77 ( 4.87 ) ( 0.47 ) ( 0.41 ) ( 0.02 )	0 Project(s)	
FY 1992	3 Project(s) 1. Audio-Visual Equipment to the National University of Malaysia 2. Microfilm Equipment, Display System and Video System to Kedah State Public Library 3. Small-Scale Grant Aid	0.78 ( 0.40 ) ( 0.36 ) ( 0.02 )	5 Project(s) 1. Port Klang Power Station Project-Phase III 2. Small and Medium Scale Industry Promotion Program 3. Rural Development (Poverty Eradication) Project-II 4. Higher Education Loan Fund Project 5. Rehabilitation of the Tenom Pangi Hydropower Project	629.31 ( 319.66 ) ( 139.80 ) ( 109.49 ) ( 54.93 ) ( 5.43 )

I. Background Information  
1. Basic Data

Country	Republic of Maldives
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Land Area	298 thousand km <sup>2</sup>	GDP	Approximated \$ 100 millions (1992)	Principal Exports	Marine Products Ready-made Clothes
Population	0.23 millions (1992)	GNP per capita	\$ 500 (1992)	Exports to Japan	\$ 1 millions (1993)
Date of Independence	July 26, 1965	Sectoral Distribution of GDP	Agri. -- %, Min. & Indus. -- % Services -- % (1992)	Imports from Japan	\$ 9 millions (1993)
Regime	Republic			Gross International Reserves	\$ 28.4 millions (1992)
Ethnic Composition	Sinhalese, Dravidian Hybrid of Arab	Sectoral Distribution of Employment	Agri. 25 %, Min. & Indus. 32 % Services 43 % (1990~1992)	Total External Debt	\$ 97.0 millions (1992)
Religion, Language	Muslim (Sunni) / Divehi			Debt Service Ratio	3.7 % (1992)
Currency, Exchange Rate	1US\$=11.061 MaIRF (1994. 2)	Merchandise Trade	Exports \$ 51.1 millions (1992)	Net ODA Receipts (as % of GNP)	-- (1992)
			Imports \$ 161.6 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Maldives

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	1.31	--	--	4.31	--	--	--	--	--	5.61	--	--
1991	1.89	--	--	6.92	--	--	--	--	--	8.81	--	--
1992	2.25	--	--	8.91	--	--	--	--	--	11.15	--	--

A : Place of Maldives among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Maldives among DAC Countries

3. Economic Cooperation of DAC Countries to Maldives (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants	(1)	Loans	Total ODA Net	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①	( %)	( %)	( %)	( %)		
②	( %)	( %)	( %)	( %)		
③	( %)	( %)	( %)	( %)		
④	( %)	( %)	( %)	( %)		
Multilat. Assis. Major Donors	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①				( %)		
②				( %)		
Arab Countries						
Total						

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . . . .  
(2) E/N on Dispatching JOCV : Signed on 1981.12. 6

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : }  
Grant Aid : } Ministry of Foreign Affairs  
JOCV : }

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.



JICA's Activities in Republic of Maldives

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993															
Technical Cooperation Disbursement	¥ 1,733 million (s)		¥ million (s)															
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	1 Case (s) 3 Case (s) 0 Person (s) 0 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	0 Case (s) 0 Case (s) 0 Person (s) 0 Person (s)														
Development Study	Completed Projects ( FY 1954-1991 ) Completed Projects ( FY 1974-1991 ) 1. Seawall Construction Project in Male Island	1 Project (s) 1 Project (s) (1990-1992)	Carried-over Projects	0 Project (s)														
			New Projects	0 Project (s)														
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1991 )	8 Project (s)	Carried-over Projects	0 Project (s)														
			New Projects 1. Atroll Island Electrification Project 2. Seawall Construction Project in Male Island	2 Project (s) (1993-1993) (1993-1993)														
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )	0 Project (s) 0 Project (s)	Carried-over Projects	0 Project (s)														
			New Projects	0 Project (s)														
Individual Experts Dispatch Program	16 Person (s)	<table border="0"> <tr> <td>( Economic Infrastructure</td> <td>9 Person (s)</td> <td>56.25 %</td> </tr> <tr> <td>( Human Resources Development</td> <td>3 Person (s)</td> <td>18.75 %</td> </tr> <tr> <td>( Fisheries</td> <td>2 Person (s)</td> <td>12.50 %</td> </tr> </table>	( Economic Infrastructure	9 Person (s)	56.25 %	( Human Resources Development	3 Person (s)	18.75 %	( Fisheries	2 Person (s)	12.50 %	3 Person (s) Carried over	0 Person (s)	<table border="0"> <tr> <td>( Long-term</td> <td>0 Person (s)</td> </tr> <tr> <td>( Short-term</td> <td>0 Person (s)</td> </tr> </table>	( Long-term	0 Person (s)	( Short-term	0 Person (s)
( Economic Infrastructure	9 Person (s)	56.25 %																
( Human Resources Development	3 Person (s)	18.75 %																
( Fisheries	2 Person (s)	12.50 %																
( Long-term	0 Person (s)																	
( Short-term	0 Person (s)																	
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project (s)	Carried-over Projects	0 Project (s)														
			New Projects	0 Project (s)														
			New	3 Person (s)	<table border="0"> <tr> <td>( Long-term</td> <td>0 Person (s)</td> </tr> <tr> <td>( Short-term</td> <td>3 Person (s)</td> </tr> </table>	( Long-term	0 Person (s)	( Short-term	3 Person (s)									
( Long-term	0 Person (s)																	
( Short-term	3 Person (s)																	

JICA's Activities in Republic of Maldives

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																	
Non-project Equipment Supply		¥ 26 million(s)	0 Case(s)	¥ million(s)																
Non-project Medical Equipment Supply	1 Case(s)	¥ 13 million(s)	0 Case(s)	¥ million(s)																
Technical Training Program	General 170 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td>( Economic Infrastructure Development Planning</td> <td>63 Person(s)</td> <td>37.06 %</td> </tr> <tr> <td>· Public Administration</td> <td>31 Person(s)</td> <td>18.24 %</td> </tr> <tr> <td>Fisheries</td> <td>19 Person(s)</td> <td>11.18 %</td> </tr> </table>	( Economic Infrastructure Development Planning	63 Person(s)	37.06 %	· Public Administration	31 Person(s)	18.24 %	Fisheries	19 Person(s)	11.18 %		Total Carried over 38 Person(s) 3 Person(s)								
( Economic Infrastructure Development Planning	63 Person(s)	37.06 %																		
· Public Administration	31 Person(s)	18.24 %																		
Fisheries	19 Person(s)	11.18 %																		
	Youth Invitation Program	10 Person(s)	New 35 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td>Group Training Course</td> <td>10 Person(s)</td> </tr> <tr> <td>Individual Training Course</td> <td>6 Person(s)</td> </tr> <tr> <td>(ordinary individual training</td> <td>5 Person(s)</td> </tr> <tr> <td>(special courses</td> <td>1 Person(s)</td> </tr> <tr> <td>(special programs</td> <td>0 Person(s)</td> </tr> <tr> <td>(cost-sharing</td> <td>0 Person(s)</td> </tr> <tr> <td>(counterpart training</td> <td>0 Person(s)</td> </tr> <tr> <td>(trainees through international organizations</td> <td>0 Person(s)</td> </tr> </table>	Group Training Course	10 Person(s)	Individual Training Course	6 Person(s)	(ordinary individual training	5 Person(s)	(special courses	1 Person(s)	(special programs	0 Person(s)	(cost-sharing	0 Person(s)	(counterpart training	0 Person(s)	(trainees through international organizations	0 Person(s)	
Group Training Course	10 Person(s)																			
Individual Training Course	6 Person(s)																			
(ordinary individual training	5 Person(s)																			
(special courses	1 Person(s)																			
(special programs	0 Person(s)																			
(cost-sharing	0 Person(s)																			
(counterpart training	0 Person(s)																			
(trainees through international organizations	0 Person(s)																			
	Trainees through International Organizations	4 Person(s)	Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 14 Person(s) Youth Invitation Program 5 Person(s)																	
Third Country Training Program	Completed Projects( FY 1977~1992 )	0 Course(s)	Carried over	0 Course(s)																
			New	0 Course(s)																
Japan Overseas Cooperation Volunteers	86 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td>( Human Resources Development</td> <td>27 Person(s)</td> <td>31.40 %</td> </tr> <tr> <td>Public Health &amp; Medicine</td> <td>19 Person(s)</td> <td>22.09 %</td> </tr> <tr> <td>· Welfare</td> <td></td> <td></td> </tr> <tr> <td>Economic Infrastructure</td> <td>13 Person(s)</td> <td>15.12 %</td> </tr> </table>	( Human Resources Development	27 Person(s)	31.40 %	Public Health & Medicine	19 Person(s)	22.09 %	· Welfare			Economic Infrastructure	13 Person(s)	15.12 %	Total Carried over 27 Person(s) 18 Person(s)						
( Human Resources Development	27 Person(s)	31.40 %																		
Public Health & Medicine	19 Person(s)	22.09 %																		
· Welfare																				
Economic Infrastructure	13 Person(s)	15.12 %																		
			New	9 Person(s)																
Emigration Services																				
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)																
International Disaster Relief Program	FY 1985-1992	1 Case(s)		0 Case(s)																

Capital Assistance to Republic of Maldives

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987 )	23 Project(s)	58.05	0 Project(s)	
FY 1988	3 Project(s) 1. Food Aid 2. Project for the Construction of the Breakwaters on the Southern Coast Male·2/3 3. Telecommunications Development Project·4/4	12.56 ( 0.75 ) ( 6.82 ) ( 4.99 )	0 Project(s)	
FY 1989	3 Project(s) 1. Food Aid 2. Project for the Construction of the Breakwaters on the Southern Coast Male·3/3 3. Project for Support for the Deepening of Island Harbor	10.57 ( 0.75 ) ( 8.72 ) ( 1.10 )	0 Project(s)	
FY 1990	3 Project(s) 1. Food Aid 2. Project for Constructing the Center for Social Education·1/2 3. Project of Mechanization of Additional Fishing Boats	9.09 ( 1.00 ) ( 6.99 ) ( 1.10 )	0 Project(s)	
FY 1991	3 Project(s) 1. Project for Coastal Fisheries Promotion 2. Project for Constructing the Center for Social Education·2/3 3. Grant Aid for Increased Food Production	10.84 ( 5.77 ) ( 4.07 ) ( 1.00 )	0 Project(s)	
FY 1992	2 Project(s) 1. Project for Coastal Fisheries Promotion·2/3 2. Food Aid	9.37 ( 8.37 ) ( 1.00 )	0 Project(s)	

I. Background Information  
1. Basic Data

Country	Mongolia
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Land Area	1,567 thousand km <sup>2</sup>	GDP	a) \$ 1,800 millions (1992)	Principal Exports	Copper, Coal, Leather
Population	2.31 millions (1992)	GNP per capita	a) \$ 548 (1992)	Exports to Japan	\$ 27 millions (1993)
Date of Independence	July 11, 1921	Sectoral Distribution of GDP	Agri. 30 %, Min. & Indus. 38 % Services 32 % (1992)	Imports from Japan	\$ 19 millions (1993)
Regime	Republic			Gross International Reserves	— (1992)
Ethnic Composition	Mongolian, Kazakstan, Others	Sectoral Distribution of Employment	Agri. 40 %, Min. & Indus. 21 % Services 39 % (1990~1992)	Total External Debt	\$ 375 millions (1992)
Religion, Language	Lama / Khaikha Mongolian	Merchandise Trade	Exports \$ 361 millions (1993) Imports \$ 362 millions (1993)	Debt Service Ratio	17.1 % (1992)
Currency, Exchange Rate	1US\$ = 398.417 Tug (1994. 2)			Net ODA Receipts (as % of GNP)	— (1991)

a) Estimate

2. The Flow of Japan's Bilateral ODA to Mongolia

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	1.37	—	—	0.32	—	—	—	—	—	1.70	—	—
1991	3.29	—	—	20.98	21	—	24.47	22	—	48.74	26	—
1992	6.01	—	—	25.46	21	—	12.19	29	—	43.67	—	—

A : Place of Mongolia among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Mongolia among DAC Countries

3. Economic Cooperation of DAC Countries to Mongolia (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1) + (2) = (3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3) + (4) = (5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①	( %)	( %)	( %)	( %)		
②	( %)	( %)	( %)	( %)		
③	( %)	( %)	( %)	( %)		
④	( %)	( %)	( %)	( %)		
Multilat. Assis. Major Donors	(100.0%)	(100.0%)	(100.0%)	(100.0%)		
①				( %)		
②				( %)		
Arab Countries						
Total						

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop. : Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1991. 3.26

5. Agencies Responsible for Coordinating Assistance

Tech. Coop :  
Grant Aid : } Ministry of Trade & Industry  
JOCV : }

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Mongolia

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
	¥ 1,548 million(s)		¥ million(s)			
Technical Cooperation Disbursement						
Improvement of Aid Efficiency & Effectiveness	Project Identification Study	1 Case(s)	Project Identification Study	0 Case(s)		
	Project Formulation Study	2 Case(s)	Project Formulation Study	2 Case(s)		
	Project Formulation Advisor	1 Person(s)	Project Formulation Advisor	0 Person(s)		
	Local Technical Advisor	0 Person(s)	Local Technical Advisor	2 Person(s)		
Development Study	Completed Projects ( FY 1954-1992 )	0 Project(s)	Carried-over Projects	6 Project(s)		
	Completed Projects ( FY 1974-1992 )	0 Project(s)	1. Mineral Exploration in Urdam Tal Area	(1990~1993)		
			2. Improvement Plan for Transshipment Facility at ZAMYU-UUD Station	(1991~1993)		
			3. Water Supply System in Ulaanbaator and Surroundings	(1992~1995)		
			4. Topographic Mapping of Ulaan Tsav Area	(1992~1996)		
			5. Erdenet Mine Modernization and Development Program	(1991~1993)		
			6. Development in Tsav Area	(1992~1994)		
			New Projects	3 Project(s)		
			1. Integrated Agricultural and Rural Development in Genral Region	(1993~1995)		
			2. Forest Resources Management Study	(1993~1996)		
			3. Comprehensive Coal Development and Utilization Plan in Mongolia	(1993~ )		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	5 Project(s)	Carried-over Projects	1 Project(s)		
			1. Project for Re-equipment of Refrigerating System of Darkhan Meat Plant	(1992~1993)		
			New Projects	1 Project(s)		
			1. Improvement of Ulaanbaatar Dairy Plant	(1993~1993)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 )	0 Project(s)	Carried-over Projects	0 Project(s)		
	Completed Projects ( FY 1974-1992 )	0 Project(s)	New Projects	1 Project(s)		
			1. Geological Survey	(1993~1993)		
Individual Experts Dispatch Program	34 Person(s)	( Mining & Industry 20 Person(s) 58.82 % )	21 Person(s) Carried over	2 Person(s)	( Long-term 0 Person(s) )	
		( Development Planning 7 Person(s) 20.59 % )	New	19 Person(s)	( Short-term 2 Person(s) )	
		( Public Administration 4 Person(s) 11.76 % )			( Long-term 2 Person(s) )	
		( Energy )			( Short-term 17 Person(s) )	
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project(s)	Carried-over Projects	0 Project(s)		
			New Projects	0 Project(s)		

JICA's Activities in Mongolia

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																							
Non-project Equipment Supply		¥ 264 million (s)	0 Case (s)	¥ million (s)																						
Non-project Medical Equipment Supply	2 Case (s)	¥ 21 million (s)	0 Case (s)	¥ million (s)																						
Technical Training Program	General 163 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Mining &amp; Industry</td> <td style="padding: 0 5px;">66 Person (s)</td> <td style="padding: 0 5px;">40.49 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Development Planning</td> <td style="padding: 0 5px;">36 Person (s)</td> <td style="padding: 0 5px;">22.09 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">· Public Administration</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Economic Infrastructure</td> <td style="padding: 0 5px;">22 Person (s)</td> <td style="padding: 0 5px;">13.50 %</td> </tr> </table> Youth Invitation Program 10 Person (s) Trainees through International Organizations 11 Person (s)	Mining & Industry	66 Person (s)	40.49 %	Development Planning	36 Person (s)	22.09 %	· Public Administration			Economic Infrastructure	22 Person (s)	13.50 %	Total 83 Person (s) Carried over 10 Person (s) New 73 Person (s) Group Training Course 15 Person (s) Individual Training Course 38 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(ordinary individual training</td> <td style="padding: 0 5px;">7 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(special courses</td> <td style="padding: 0 5px;">6 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(special programs</td> <td style="padding: 0 5px;">12 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(cost-sharing</td> <td style="padding: 0 5px;">0 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(counterpart training</td> <td style="padding: 0 5px;">12 Person (s)</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">(trainees through international organizations</td> <td style="padding: 0 5px;">0 Person (s)</td> </tr> </table> Private-Sector Skilled Worker C/P Program 0 Person (s) In-Country Training 0 Person (s) Third Country Training Program 10 Person (s) Youth Invitation Program 10 Person (s)	(ordinary individual training	7 Person (s)	(special courses	6 Person (s)	(special programs	12 Person (s)	(cost-sharing	0 Person (s)	(counterpart training	12 Person (s)	(trainees through international organizations	0 Person (s)
Mining & Industry	66 Person (s)	40.49 %																								
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(special programs	12 Person (s)																									
(cost-sharing	0 Person (s)																									
(counterpart training	12 Person (s)																									
(trainees through international organizations	0 Person (s)																									
Third Country Training Program	Completed Projects ( FY 1977~1992 )	0 Course (s)	Carried over	0 Course (s)																						
			New	0 Course (s)																						
Japan Overseas Cooperation Volunteers	7 Person (s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Human Resources Development</td> <td style="padding: 0 5px;">4 Person (s)</td> <td style="padding: 0 5px;">57.14 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Development Planning</td> <td style="padding: 0 5px;">2 Person (s)</td> <td style="padding: 0 5px;">28.57 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">· Public Administration</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Economic Infrastructure</td> <td style="padding: 0 5px;">1 Person (s)</td> <td style="padding: 0 5px;">14.29 %</td> </tr> </table>	Human Resources Development	4 Person (s)	57.14 %	Development Planning	2 Person (s)	28.57 %	· Public Administration			Economic Infrastructure	1 Person (s)	14.29 %	Total 11 Person (s) Carried over 7 Person (s) New 4 Person (s) New 4 Person (s)												
Human Resources Development	4 Person (s)	57.14 %																								
Development Planning	2 Person (s)	28.57 %																								
· Public Administration																										
Economic Infrastructure	1 Person (s)	14.29 %																								
Emigration Services																										
Development Investment & Financial Program	0 Project (s)	¥ million (s)	0 Project (s)	¥ million (s)																						
International Disaster Re- lief Program	FY 1985-1992	0 Case (s)		0 Case (s)																						



## Capital Assistance to Mongolia

## III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	3 Project(s)	50.63	0 Project(s)	
FY 1988	0 Project(s)		0 Project(s)	
FY 1989	1 Project(s) 1. Video Equipment to the Ministry of Culture	( 0.47 )	0 Project(s)	
FY 1990	4 Project(s) 1. Project for the Improvement of the Basic Medical Equipment 2. Audio-Visual Equipment to the Mongolian State University 3. Small-Scale Grant Aid (2 projects)	( 4.94 ) ( 4.50 ) ( 0.37 ) ( 0.07 )	0 Project(s)	
FY 1991	8 Project(s) 1. Non-Project Grant Aid 2. Project for the Improvement of Satellite Communications -1/2 3. Food Aid 4. Social Welfare Project 5. Musical instruments to the Mongolian National Orchestra etc.,	33.08 ( 20.00 ) ( 9.48 ) ( 2.00 ) ( 1.00 ) ( 0.50 )	1 Project(s) 1. Commodity Loan	48.36 ( 48.36 )
FY 1992	9 Project(s) 1. Non-Project Grant Aid 2. Rehabilitation Project for Improvement of the Fourth Thermal Power Station in Ulan Bator 3. Project for the Improvement of Satellite Communications -2/2 4. Food Aid 5. Aid for Increased Food Production etc.,	39.08 ( 20.00 ) ( 9.36 ) ( 5.62 ) ( 2.00 ) ( 1.50 )	1 Project(s) 1. Commodity Loan	24.59 ( 24.59 )

I. Background Information  
1. Basic Data

Country	The Union of Myanmar
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Land Area	677 thousand km <sup>2</sup>	GDP	\$ 37,749 millions (1992)	Principal Exports	Light Handicraft, Agricultural Products, Marine Products,
Population	43.67 millions (1992)	GNP per capita	\$ 863 (1992)	Exports to Japan	\$ 71 millions (1993)
Date of Independence	January 4, 1948	Sectoral Distribution of GDP	Agri. 59 %, Min. & Indus. 7 % Services 31 % (1992)	Imports from Japan	\$ 100 millions (1993)
Regime	Federal Republic			Gross International Reserves	\$ 364 millions (1992)
Ethnic Composition	Burmese, Karen, Shan, etc.,	Sectoral Distribution of Employment	Agri. 70 %, Min. & Indus. 9 % Services 21 % (1990~1992)	Total External Debt	\$ 5,326 millions (1992)
Religion, Language	Buddhism(68%) Animism/Burmese			Debt Service Ratio	11.3 % (1991)
Currency, Exchange Rate	1US\$=6.359 K (1994. 2)	Merchandise Trade	Exports \$ 637 millions (1992) Imports \$ 1,075 millions (1992)	Net ODA Receipts (as % of GNP)	0.8 % (1990)

2. The Flow of Japan's Bilateral ODA to Myanmar

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	3.16	--	1	30.18	13	1	27.98	22	1	61.32	23	1
1991	4.54	--	1	37.17	12	1	42.81	17	1	84.52	19	1
1992	4.97	--	1	31.58	18	1	35.51	20	1	72.06	21	1

A : Place of Myanmar among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Myanmar among DAC Countries

3. Economic Cooperation of DAC Countries to Myanmar (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	47.2 (100.0%)	8.4 (100.0%)	35.5 (100.0%)	82.7 (100.0%)	46.0	128.7
① Japan	36.6 (77.5%)	5.0 (59.5%)	35.5 (100.0%)	72.1 (87.2%)	36.3	108.4
② France	3.3 (7.0%)	0.3 (3.6%)	-- ( )	3.3 (4.0%)	-1.9	1.4
③ Germany	3.2 (6.8%)	2.9 (34.5%)	-- ( )	3.2 (3.9%)	18.6	21.8
④ Switzerland	1.9 (4.0%)	-- ( )	-- ( )	1.9 (2.3%)	--	1.9
Multilat. Assis. Major Donors	22.8 (100.0%)	22.7 (100.0%)	9.5 (100.0%)	32.4 ( )	-0.4	32.0
① UNDP				12.6 ( )	--	12.6
② IDA				9.7 ( )	--	9.7
Arab Countries	--	--	--	--	--	--
Total	70.1	31.1	45.0	115.1	45.6	160.7

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on 1963. 3.29  
(2) E/N on Dispatching JOCV: Signed on . . .

5. Agencies Responsible for Coordinating Assistance

Tech. Coop : }  
Grant Aid : } Foreign Economic Relations Department, Ministry of National Planning and Economic Development (FERD)  
JOCV : }

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in The Union of Myanmar

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
Technical Cooperation Disbursement	¥ 15,893 million(s)		¥ million(s)			
Improvement of Aid Efficiency & Effectiveness	Project Identification Study	1 Case(s)	Project Identification Study	0 Case(s)		
	Project Formulation Study	0 Case(s)	Project Formulation Study	0 Case(s)		
	Project Formulation Advisor	0 Person(s)	Project Formulation Advisor	0 Person(s)		
	Local Technical Advisor	0 Person(s)	Local Technical Advisor	0 Person(s)		
Development Study	Completed Projects ( FY 1954-1992 )	19 Project(s)	Carried-over Projects	1 Project(s) (1987~ )		
	Completed Projects ( FY 1974-1992 )	15 Project(s)	1. Hydroelectric Power Development (now interrupted)			
	Annex		New Projects	0 Project(s)		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	29 Project(s)	Carried-over Projects	0 Project(s)		
			New Projects	0 Project(s)		
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 )	11 Project(s)	Carried-over Projects	2 Project(s) (1988~1995)		
	Completed Projects ( FY 1974-1992 )	9 Project(s)	1. Irrigation Technology Center	(1988~1995)		
	1. Forest Development in the Arakan Range	(1977~1982)	2. Central Forestry Development Training Center Project	(1990~1995)		
	2. Pig and Poultry Development Project	(1978~1983)	New Projects	0 Project(s)		
	3. Bridge Engineering Training Centre	(1979~1985)				
	4. Communicable Disease Research and Control	(1980~1984)				
	5. Metallurgical Research and Development Centre	(1980~1984)				
	6. Development Centre for Pharmaceutical Technology	(1981~1985)				
	7. Central Agriculture Development Training Center	(1983~1988)				
	8. Gastroenterology Services Improvement	(1984~1988)				
9. Research on Treatment of Infectious Diseases of the Alimentary System	(1986~1991)					
Individual Experts Dispatch Program	204 Person(s)	Economic Infrastructure	85 Person(s)	41.67 %	0 Person(s) Carried over	0 Person(s) (Long-term)
		Mining & Industry	45 Person(s)	22.06 %		0 Person(s) (Short-term)
		Agriculture & Forestry	31 Person(s)	15.20 %	New	0 Person(s) (Long-term)
						0 Person(s) (Short-term)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project(s)	Carried-over Projects	0 Project(s)		
			New Projects	0 Project(s)		

JICA's Activities in The Union of Myanmar

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993																																	
Non-project Equipment Supply		¥ 522 million(s)	0 Case(s)	¥ million(s)																																
Non-project Medical Equipment Supply	5 Case(s)	¥ 99 million(s)	0 Case(s)	¥ million(s)																																
Technical Training Program	General 1,564 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td>( Economic Infrastructure</td> <td>382 Person(s)</td> <td>24.42 %</td> </tr> <tr> <td>( Agriculture &amp; Forestry</td> <td>345 Person(s)</td> <td>22.06 %</td> </tr> <tr> <td>( Mining &amp; Industry</td> <td>313 Person(s)</td> <td>20.01 %</td> </tr> </table>	( Economic Infrastructure	382 Person(s)	24.42 %	( Agriculture & Forestry	345 Person(s)	22.06 %	( Mining & Industry	313 Person(s)	20.01 %		Total 13 Person(s) Carried over 2 Person(s) New 11 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td>Group Training Course</td> <td>0 Person(s)</td> </tr> <tr> <td>Individual Training Course</td> <td>9 Person(s)</td> </tr> <tr> <td>( ordinary individual training</td> <td>0 Person(s)</td> </tr> <tr> <td>( special courses</td> <td>1 Person(s)</td> </tr> <tr> <td>( special programs</td> <td>0 Person(s)</td> </tr> <tr> <td>( cost-sharing</td> <td>0 Person(s)</td> </tr> <tr> <td>( counterpart training</td> <td>8 Person(s)</td> </tr> <tr> <td>( trainees through international organizations</td> <td>0 Person(s)</td> </tr> <tr> <td>Private-Sector Skilled Worker C/P Program</td> <td>0 Person(s)</td> </tr> <tr> <td>In-Country Training</td> <td>0 Person(s)</td> </tr> <tr> <td>Third Country Training Program</td> <td>2 Person(s)</td> </tr> <tr> <td>Youth Invitation Program</td> <td>0 Person(s)</td> </tr> </table>	Group Training Course	0 Person(s)	Individual Training Course	9 Person(s)	( ordinary individual training	0 Person(s)	( special courses	1 Person(s)	( special programs	0 Person(s)	( cost-sharing	0 Person(s)	( counterpart training	8 Person(s)	( trainees through international organizations	0 Person(s)	Private-Sector Skilled Worker C/P Program	0 Person(s)	In-Country Training	0 Person(s)	Third Country Training Program	2 Person(s)	Youth Invitation Program	0 Person(s)
( Economic Infrastructure	382 Person(s)	24.42 %																																		
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Private-Sector Skilled Worker C/P Program	0 Person(s)																																			
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Third Country Training Program	2 Person(s)																																			
Youth Invitation Program	0 Person(s)																																			
Third Country Training Program	Completed Projects( FY 1977~1992)	0 Course(s)	Carried over	0 Course(s)																																
			New	0 Course(s)																																
Japan Overseas Cooperation Volunteers	0 Person(s)		Total 0 Person(s) Carried over 0 Person(s) New 0 Person(s)																																	
Emigration Services																																				
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)																																
International Disaster Re- lief Program	FY 1985-1992	4 Case(s)	1. Conflagration 2. Conflagration	2 Case(s)																																



Capital Assistance to The Union of Myanmar

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987 )	87 Project (s)	945.89	59 Project (s)	4,029.22
FY 1988	2 Project (s) 1. Debt Relief 2. Emergency Food Aid	37.16 ( 36.55 ) ( 0.61 )	0 Project (s)	
FY 1989	0 Project (s)		0 Project (s)	
FY 1990	1 Project (s) 1. Debt Relief	35.00 ( 35.00 )	0 Project (s)	
FY 1991	2 Project (s) 1. Debt Relief 2. Debt Relief	50.00 ( 30.00 ) ( 20.00 )	0 Project (s)	
FY 1992	2 Project (s) 1. Debt Relief 2. Debt Relief	40.00 ( 20.00 ) ( 20.00 )	0 Project (s)	



I. Background Information  
1. Basic Data

Country	Kingdom of Nepal
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Land Area	141 thousand km <sup>2</sup>	GDP	\$ 2,763 millions (1992)	Principal Exports	Jute Products, Leather, Carpet
Population	19.9 millions (1992)	GNP per capita	\$ 170 (1992)	Exports to Japan	\$ 4 millions (1993)
Date of Independence	1769	Sectoral Distribution of GDP	Agri. 52 %, Min. & Indus. 8 % Services 30 % (1992)	Imports from Japan	\$ 68 millions (1993)
Regime	Constitutional Monarchy			Gross International Reserves	\$ 518 millions (1992)
Ethnic Composition	Indian, Tibetan, etc.,	Sectoral Distribution of Employment	Agri. 93 %, Min. & Indus. 1 % Services 6 % (1990~1992)	Total External Debt	\$ 1,797 millions (1992)
Religion, Language	Hindu, Buddhism, Muslim / Nepali			Debt Service Ratio	11.7 % (1992)
Currency, Exchange Rate	1US\$ = 46.1936 NRs (1994. 2)	Merchandise Trade	Exports \$ 369 millions (1992)	Net ODA Receipts (as % of GNP)	13.8 % (1991)
			Imports \$ 687 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Nepal

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	12.86	23	4	34.27	12	1	8.04	30	2	55.17	24	1
1991	15.52	20	2	44.33	9	1	67.69	16	2	127.54	13	1
1992	24.79	12	1	52.32	9	1	29.51	23	1	106.63	15	1

A : Place of Nepal among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Nepal among DAC Countries

3. Economic Cooperation of DAC Countries to Nepal (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants (1)		Loans (2)	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
		Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	237.7 (100.0%)	89.7 (100.0%)	38.0 ( %)	275.6 (100.0%)	140.5	416.1
① Japan	77.2 ( 32.5%)	24.8 ( 27.6%)	29.5 ( %)	106.7 ( 38.7%)	-8.0	98.7
② Germany	36.9 ( 15.5%)	15.9 ( 17.7%)	-- ( %)	36.9 ( 13.4%)	-0.7	36.2
③ U.K.	25.4 ( 10.7%)	14.3 ( 15.9%)	-0.2 ( %)	25.2 ( 9.1%)	-1.9	23.3
④ Finland	12.8 ( 5.4%)	0.7 ( 0.8%)	8.8 ( %)	21.6 ( 7.8%)	-4.5	17.1
Multilat. Assis. Major Donors	47.1 (100.0%)	37.5 (100.0%)	117.4 (100.0%)	164.5 ( %)	6.3	170.8
① IDA				67.7 ( %)	--	67.7
② AsDB				42.3 ( %)	2.1	44.4
Arab Countries	--	--	-0.8	-0.8	--	-0.8
Total	284.8	127.2	154.5	439.4	146.8	586.2

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop.: Signed on . . . . .  
(2) E/N on Dispatching JOCV : Signed on 1970. 2. 2

5. Agencies Responsible for Coordinating Assistance

Tech. Coop :  
Grant Aid : Foreign Aid & Coordination Division,  
JOCV : Ministry of Finance

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.  
The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Kingdom of Nepal

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993			
	¥ 24,948 million (s)		¥ million (s)			
Technical Cooperation Disbursement						
Improvement of Aid Efficiency & Effectiveness	Project Identification Study	2 Case (s)	Project Identification Study	1 Case (s)		
	Project Formulation Study	2 Case (s)	Project Formulation Study	2 Case (s)		
	Project Formulation Advisor	1 Person (s)	Project Formulation Advisor	1 Person (s)		
	Local Technical Advisor	1 Person (s)	Local Technical Advisor	1 Person (s)		
Development Study	Completed Projects ( FY 1954-1992 )	18 Project (s)	Carried-over Projects	9 Project (s)		
	Completed Projects ( FY 1974-1992 ) Annex	15 Project (s)	Annex New Projects	0 Project (s)		
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	31 Project (s)	Carried-over Projects	1 Project (s)		
			1. The Project for the Expansion of Kantl Children's Hospital (1992~1993)			
			New Projects	9 Project (s)		
			1. Construction of Water Induced Disaster Prevention Technical Center (1993~1994)			
			2. Extension and Reinforcement of Power Transmission and Distribution System in Kathmandu Valley (1993~1994)			
			3. Rajkudwa Irrigation (1993~1994)			
			4. Project for Providing Material & Equipment for the Construction of Primary Schools (1993~1993)			
			5. Reconstruction of Bridges (Phase III) (1993~1993)			
			6. Modernization of Tribhuvan Airport (1993~1993)			
			7. The Project for Expansion of Home Science and Women Development Department of Tribhuvan University (1993~1994)			
			8. Rehabilitation of Kulekhanl Hydro-Power Station (1993~1993)			
			9. The Rural Electrification Project (1993~1993)			
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 )	7 Project (s)	Carried-over Projects	6 Project (s)		
	Completed Projects ( FY 1974-1992 )	5 Project (s)	1. National Tuberculosis Program (1987~1992)			
	1. Janakpur Zone Agricultural Development (1971~1984)		2. Medical Education Project (1989~1994)			
	2. Development of Cottage Industry (1980~1985)		3. Water Induced Disaster Prevention Technical Center (1991~1996)			
	3. Tribhuvan University Medicine Department (1980~1989)		4. Forestry Extension Project (1991~1994)			
	4. Horticultural Development Project (1985~1990)		5. Natural Water Fisheries Development (1991~1994)			
	5. Family Planning · Maternal and Child Health Project (1985~1991)		6. Horticulture Development Project Phase II (1992~1997)			
			New Projects	1 Project (s)		
			1. Primary Health Care Project			
Individual Experts Dispatch Program	169 Person (s)	( Energy 43 Person (s) 25.44 % Agriculture & Forestry 32 Person (s) 18.93 % Mining & Industry 29 Person (s) 17.16 % )	30 Person (s) Carried over	9 Person (s)	( Long-term 8 Person (s) Short-term 1 Person (s)	
			New	21 Person (s)	( Long-term 6 Person (s) Short-term 15 Person (s)	
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1992 )	0 Project (s)	Carried-over Projects	1 Project (s)		
			1. Alternative Energy Research and Development Project (1992~1995)			
			New Projects	0 Project (s)		

JICA's Activities in Kingdom of Nepal

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993												
Non-project Equipment Supply		¥ 392 million(s)	2 Case(s) 1. Equipment for Teaching Vehicle Maintenance 2. Equipment for Construction Materials Examination	¥ 30 million(s) ( 17 ) ( 13 )											
Non-project Medical Equipment Supply	5 Case(s)	¥ 114 million(s)	1 Case(s) 1. Special Medical Equipment	¥ 23 million(s) ( 23 )											
Technical Training Program	General 1,529 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Economic Infrastructure</td> <td style="padding: 0 5px;">319 Person(s)</td> <td style="padding: 0 5px;">20.86 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Agriculture &amp; Forestry</td> <td style="padding: 0 5px;">308 Person(s)</td> <td style="padding: 0 5px;">20.14 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Development Planning</td> <td style="padding: 0 5px;">287 Person(s)</td> <td style="padding: 0 5px;">18.77 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Public Administration</td> <td></td> <td></td> </tr> </table> Youth Invitation Program 19 Person(s) Trainees through International Organizations 53 Person(s)	Economic Infrastructure	319 Person(s)	20.86 %	Agriculture & Forestry	308 Person(s)	20.14 %	Development Planning	287 Person(s)	18.77 %	Public Administration			Total 157 Person(s) Carried over 15 Person(s) New 142 Person(s) Group Training Course 54 Person(s) Individual Training Course 48 Person(s) (ordinary individual training 4 Person(s)) (special courses 8 Person(s)) (special programs 0 Person(s)) (cost-sharing 0 Person(s)) (counterpart training 35 Person(s)) (trainees through international organizations 1 Person(s)) Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 35 Person(s) Youth Invitation Program 1 Person(s)	
Economic Infrastructure	319 Person(s)	20.86 %													
Agriculture & Forestry	308 Person(s)	20.14 %													
Development Planning	287 Person(s)	18.77 %													
Public Administration															
Third Country Training Program	Completed Projects ( FY 1977~1992 )	0 Course(s)	Carried over New	0 Course(s) 0 Course(s)											
Japan Overseas Cooperation Volunteers	544 Person(s) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Human Resources Development</td> <td style="padding: 0 5px;">126 Person(s)</td> <td style="padding: 0 5px;">23.16 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Agriculture &amp; Forestry</td> <td style="padding: 0 5px;">115 Person(s)</td> <td style="padding: 0 5px;">21.14 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Development Planning</td> <td style="padding: 0 5px;">104 Person(s)</td> <td style="padding: 0 5px;">19.12 %</td> </tr> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Public Administration</td> <td></td> <td></td> </tr> </table>	Human Resources Development	126 Person(s)	23.16 %	Agriculture & Forestry	115 Person(s)	21.14 %	Development Planning	104 Person(s)	19.12 %	Public Administration			Total 74 Person(s) Carried over 58 Person(s) New 16 Person(s)	
Human Resources Development	126 Person(s)	23.16 %													
Agriculture & Forestry	115 Person(s)	21.14 %													
Development Planning	104 Person(s)	19.12 %													
Public Administration															
Emigration Services															
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)											
International Disaster Relief Program	FY 1985-1992	1 Case(s)	1. Torrential Rain, Floods	1 Case(s)											

II. Annex ( FY 1954-1992 )

Development Study	
Completed Projects ( FY 1954-1992 )	18 Project (s)
Completed Projects ( FY 1974-1992 )	15 Project (s)
1. Kulekhani No.2 Hydropower Station Project, Kathmandu Transmission & Distribution System Project	(1977~1978 )
2. Construction of Udaipur Cement Plant	(1977~1978 )
3. Sapt Gandaki Hydroelectric Power Development Project	(1980~1982 )
4. Rural Telecommunications Network Project	(1982~1983 )
5. Kosi River Water Resources Development	(1982~1984 )
6. Establishment of Urea Fertilizer Plant	(1983~1984 )
7. Shindali Road Construction Project	(1985~1988 )
8. Establishment of Integrated Textile Mill	(1985~1986 )
9. Development Plan of Television Network	(1986~1987 )
10. Development of Civil Aviation Network in Nepal	(1987~1989 )
11. Integrated Rural Development Project in the Lumbini Zone	(1988~1989 )
12. Groundwater Management Project in Kathmandu Valley	(1988~1990 )
13. Integrated Rural Development Project in the Lumbini Zone	(1986~1990 )
14. Extension and Reinforcement of Power Transmission and Distribution System	(1989~1991 )
15. Urban Transport Study in Kathmandu	(1990~1992 )

Capital Assistance to Kingdom of Nepal

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987 )	72 Project (s)	599.99	6 Project (s)	352.85
FY 1988	9 Project (s) 1. Aid for Increased Food Production 2. Project for Expansion and Development of the Medium Wave Radio Broadcasting Network 3. Construction of River Levee 4. Project for the Improvement of the Transportation Capacity 5. Project for the Water Supply to Urban and Semi-Urban Centers etc.,	55.46 ( 15.50 ) ( 14.60 ) ( 8.45 ) ( 8.25 ) ( 4.05 )	0 Project (s)	
FY 1989	8 Project (s) 1. Aid for Increased Food Production 2. Project for the Expansion and Development of Medium Wave Radio Broadcasting Network 3. Project for the Water Supply to Urban and Semi-Urban Centers 4. Project for the Development of Groundwater in Terai 5. Construction of River Levee etc.,	47.21 ( 6.50 ) ( 14.11 ) ( 11.41 ) ( 4.52 ) ( 4.50 )	0 Project (s)	
FY 1990	8 Project (s) 1. Debt Relief 2. Aid for Increased Food Production 3. Project for the Expansion of Tribhuvan Univ., Institute of Medicine and the Teaching Hospital 1/3 4. Project for the Water Supply to Urban and Semi-Urban Centers 5. Project for the Reconstruction of the Bridges in Kathmandu Valley etc.,	51.27 ( 4.37 ) ( 5.00 ) ( 12.91 ) ( 12.41 ) ( 8.74 )	1 Project (s) 1. Kuiekhani Disaster Prevention Project	27.10 ( 27.10 )

Capital Assistance to Kingdom of Nepal

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
FY 1991	11 Project(s) 1. Project for the Water Supplies to Urban and Semi-Urban Centers 2. Project for the Expansion of Tribhuvan University's Institute of Medicine and the Teaching Hospital 2/3 3. Project for the Expansion of the Rural Telecommunication Network 4. Project for Construction of Bus Terminal in Kathmandu 5. Aid for Increased Food Production etc.,	66.70 ( 15.46 ) ( 14.42 ) ( 9.04 ) ( 7.86 ) ( 5.00 )	0 Project(s)	
FY 1992	15 Project(s) 1. Kathmandu Water Supply Facilities Improvement Project 2. Project for the Extension and Reinforcement of Power Transmission and Distribution System in Kathmandu Valley 3. Project for the Expansion of the Rural Telecommunication Network 4. Debt Relief 5. Aid for Increased Production etc.,	73.25 ( 20.86 ) ( 9.34 ) ( 7.81 ) ( 7.22 ) ( 7.00 )	0 Project(s)	



I. Background Information  
1. Basic Data

Country	Islamic Republic of Pakistan
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Land Area	796 thousand km <sup>2</sup>	GDP	\$ 41,904 millions (1992)	Principal Exports	Rice, Cotton Yarn, Cotton Textile
Population	119.11 millions (1992)	GNP per capita	\$ 420 (1992)	Exports to Japan	\$ 501 millions (1993)
Date of Independence	August 15, 1947	Sectoral Distribution of GDP	Agri. 27 %, Min. & Indus. 27 % Services 46 % (1992)	Imports from Japan	\$ 1,364 millions (1993)
Regime	Republic			Gross International Reserves	\$ 1,524 millions (1992)
Ethnic Composition	Punjabi, Pashtun, Sindhi, Baluchi	Sectoral Distribution of Employment	Agri. 47 %, Min. & Indus. 20 % Services 33 % (1990~1992)	Total External Debt	\$ 24,072 millions (1992)
Religion, Language	Muslim, Christianity, Hindu/Urdu			Debt Service Ratio	23.6 % (1992)
Currency, Exchange Rate	1US\$ = 30.5462 PRs (1994. 4)	Merchandise Trade	Exports: \$ 7,264 millions (1992)	Net ODA Receipts (as % of GNP)	2.7 % (1991)
			Imports: \$ 9,360 millions (1992)		

2. The Flow of Japan's Bilateral ODA to Pakistan

(Net Disbursements: \$ millions)

	Technical Cooperation			Grant Aid			Loan Aid			Total		
	Total	Ranking		Total	Ranking		Total	Ranking		Total	Ranking	
		A	B		A	B		A	B		A	B
1990	11.54	25	5	56.06	6	1	125.96	10	1	193.55	8	1
1991	12.67	25	5	74.13	4	1	40.55	19	1	127.35	14	1
1992	12.82	25	5	59.39	7	2	101.09	8	1	173.30	7	1

A : Place of Pakistan among Japan's ODA Recipients

B : Place of Japan's Bilateral ODA to Pakistan among DAC Countries

3. Economic Cooperation of DAC Countries to Pakistan (1992)<sup>1)</sup>

(Net Disbursements: \$ millions)

	Grants		Loans	Total ODA Net (1)+(2)=(3)	Other Offic. & Private Flows (4)	Total Eco. Coop. Net (3)+(4)=(5)
	(1)	Tech. Coop.				
Bilateral Assis. <sup>2)</sup> Major Donor Coun.	402.2 (100.0%)	214.8 (100.0%)	67.2 ( )	469.4 ( )	262.5	731.9
① Japan	72.2 ( 18.0%)	12.9 ( 6.0%)	101.1 ( )	173.3 ( )	-2.4	170.9
② Germany	42.5 ( 10.6%)	24.0 ( 11.2%)	37.2 ( )	79.6 ( )	84.5	164.1
③ France	4.3 ( 1.1%)	2.0 ( 0.9%)	36.0 ( )	40.3 ( )	32.5	72.8
④ U.S.A.	110.0 ( 27.3%)	110.0 ( 51.2%)	-71.0 ( )	39.0 ( )	-11.0	28.0
Multilat. Assis. Major Donors	277.6 (100.0%)	105.4 (100.0%)	373.8 (100.0%)	601.4 ( )	460.7	1,062.1
① IDA				202.4 ( )	-	202.4
② AsDB				176.3 ( )	181.1	357.4
Arab Countries	0.1	-	5.3	5.4	-	5.4
Total	629.9	320.1	446.3	1,076.2	723.1	1,799.3

4. Agreement on Technical Cooperation, etc.

(1) Agreement on Tech. Coop. : Signed on . . .  
(2) E/N on Dispatching JOCV : Signed on 1992.12.17

5. Agencies Responsible for Coordinating Assistance

Tech. Coop. :  
Grant Aid : } Economic Affairs Division  
JOCV : }

<sup>1)</sup> Calendar year

<sup>2)</sup> Figures are ranked according to ODA Net Disbursements.

The share of each aid type is not calculated if any of the DAC Countries (or organizations) is paid back more than disbursement.

JICA's Activities in Islamic Republic of Pakistan

II. Performance

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993	
		¥ million (s)		¥ million (s)
Technical Cooperation Disbursement		¥ 16,798 million (s)		
Improvement of Aid Efficiency & Effectiveness	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	12 Case (s) 8 Case (s) 4 Person (s) 4 Person (s)	Project Identification Study Project Formulation Study Project Formulation Advisor Local Technical Advisor	1 Case (s) 0 Case (s) 3 Person (s) 1 Person (s)
Development Study	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 )  Annex	42 Project (s) 25 Project (s)	Carried-over Projects 1. National Transport Plan 2. Chashma Right Bank 1st Lift Irrigation Project  New Projects	2 Project (s) (1992~1994) (1992~1994)  0 Project (s)
Basic Design Study for Grant Aid	Completed Projects ( FY 1974-1992 )	40 Project (s)	Carried-over Projects  New Projects 1. Improvement in the Primary Education for North-West Frontier Province 2. Improvement of Medical Equipment in North-West Frontier Province 3. Watershed Management and Irrigation Development in MITRAWAN 4. Watershed Management and Irrigation Development in Mithawan 5. Improvement of the Equipment for Agricultural Land Development in Balochistan	0 Project (s)  5 Project (s) (1993~1993) (1993~1994) (1993~1993) (1993~1993) (1993~1993)
Project-type Technical Cooperation	Completed Projects ( FY 1954-1992 ) Completed Projects ( FY 1974-1992 ) 1. Central Telecommunications Research Laboratory 2. The Pakistan Industrial Technical Assistance Center 3. Construction Machinery Training Center 4. Nursing Education	5 Project (s) 4 Project (s) (1978~1984) (1982~1985) (1985~1990) (1987~1992)	Carried-over Projects 1. The Children Hospital Islamabad 2. Geoscience Laboratory in the Geological Survey of Pakistan  New Projects 1. Genetic Resources Preservation and Research Laboratory	3 Project (s) (1986~1993) (1990~1995)  1 Project (s) (1993~1998)
Individual Experts Dispatch Program	277 Person (s)	( Economic Infrastructure 112 Person (s) 40.43 % Agriculture & Forestry 63 Person (s) 22.74 % Mining & Industry 53 Person (s) 19.13 % )	14 Person (s) Carried over  New	3 Person (s) ( Long-term 2 Person (s) Short-term 1 Person (s) 11 Person (s) ( Long-term 1 Person (s) Short-term 10 Person (s)
Mini-projects & Joint Studies	Completed Projects ( FY 1977-1991 )	0 Project (s)	Carried-over Projects  New Projects	0 Project (s)  0 Project (s)

JICA's Activities in Islamic Republic of Pakistan

	Cumulative Data ( FY 1954-1992 )		Performance in FY 1993													
Non-project Equipment Supply		¥ 401 million(s)	0 Case(s)	¥ million(s)												
Non-project Medical Equipment Supply	1 Case(s)	¥ 30 million(s)	0 Case(s)	¥ million(s)												
Technical Training Program	General 2,064 Person(s)	<table border="0"> <tr> <td>Economic Infrastructure</td> <td>546 Person(s)</td> <td>26.45 %</td> </tr> <tr> <td>Mining &amp; Industry</td> <td>392 Person(s)</td> <td>18.99 %</td> </tr> <tr> <td>Development Planning</td> <td>352 Person(s)</td> <td>17.05 %</td> </tr> <tr> <td>Public Administration</td> <td></td> <td></td> </tr> </table>	Economic Infrastructure	546 Person(s)	26.45 %	Mining & Industry	392 Person(s)	18.99 %	Development Planning	352 Person(s)	17.05 %	Public Administration			Total 171 Person(s) Carried over 21 Person(s) New 150 Person(s) Group Training Course 68 Person(s) Individual Training Course 38 Person(s) (ordinary individual training 2 Person(s)) (special courses 21 Person(s)) (special programs 0 Person(s)) (cost-sharing 0 Person(s)) (counterpart training 15 Person(s)) (trainees through international organizations 0 Person(s)) Private-Sector Skilled Worker C/P Program 0 Person(s) In-Country Training 0 Person(s) Third Country Training Program 24 Person(s) Youth Invitation Program 20 Person(s)	
	Economic Infrastructure	546 Person(s)	26.45 %													
Mining & Industry	392 Person(s)	18.99 %														
Development Planning	352 Person(s)	17.05 %														
Public Administration																
	Youth Invitation Program	40 Person(s)														
	Trainees through International Organizations	97 Person(s)														
Third Country Training Program	Completed Projects( FY 1977~1991 )	1 Course(s)	Carried over	1 Course(s)												
	1. Leadership Training Seminar for Disabled People	(1987~1987)	1. International Training Course in Civil Aviation Transport	(1988~1993)												
			New	0 Course(s)												
Japan Overseas Cooperation Volunteers	0 Person(s)		Total 0 Person(s) Carried over 0 Person(s) New 0 Person(s)													
Emigration Services																
Development Investment & Financial Program	0 Project(s)	¥ million(s)	0 Project(s)	¥ million(s)												
International Disaster Re- lief Program	FY 1985-1991	1 Case(s)		0 Case(s)												

II. Annex ( FY 1954-1992 )

Development Study	
Completed Projects ( FY 1954-1992 )	42 Project(s)
Completed Projects ( FY 1974-1992 )	25 Project(s)
1. Port Muhammad-Bin-Quasim Project (Follow-up)	(1975~1975 )
2. Shipping and Shipbuilding Development	(1977~1979 )
3. Construction Project of a Mini-Port in Gwadar	(1978~1979 )
4. Lakhura Coal Mining & Power-Station Project	(1979~1980 )
5. Rehabilitation Plan of Special Steels	(1979~1980 )
6. Introduction of Containerization	(1980~1981 )
7. Agricultural Development with Widening of Pat Feeder Canal	(1981~1982 )
8. Pakistan Railways Locomotives Manufacturing Factory Project	(1981~1983 )
9. National transport Plan	(1981~1983 )
10. Conduction of Water from Khanpur to Islamabad/Rawal Pindi	(1983~1984 )
11. Integrated Rural Development Project	(1984~1985 )
12. Paddy/Rice Handling & Processing Improvement Project	(1984~1986 )
13. Water Resources Development Potential for the Metropolitan Area of Islamabad/Rawalpindi	(1985~1987 )
14. Baluchistan Irrigation Development Project through Groundwater Development	(1985~1987 )
15. Upper Kurang River Irrigation Project	(1986~1987 )
16. National Transport Plan (Follow-up)	(1986~1987 )
17. Mineral Exploration in Khuzdar Area	(1986~1988 )
18. Swat District Integrated Rural Development Project	(1987~1989 )
19. Coal Briquettes Development Project	(1987~1988 )
20. West Wharf Thermal Power Plant Project	(1987~1988 )
21. Establishment of the Second TV Channel for Education	(1988~1989 )
22. Water Resources Development in Malir Basin	(1988~1990 )
23. Comprehensive Study on Transportation System in Lahore	(1989~1991 )
24. Development of Irrigation Based upon Flood Flows D.G. Khan, Hill Torrens	(1990~1992 )
25. Textile Industry Development Program	(1991~1992 )

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Capital Assistance to Islamic Republic of Pakistan

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
Cumulative Data (-FY1987)	79 Project(s)	842.18	54 Project(s)	4,296.40
FY 1988	11 Project(s) 1. Food Aid 2. Aid for Increased Food Production 3. Project for the Construction of the High-Voltage and Short Circuit Testing Laboratory·2/3 4. Agriculture Development Project in Nashirabad 5. Project for the Improvement of Frontier Works Organization 6. Emergency Relief etc..	108.73 ( 10.00 ) ( 18.50 ) ( 22.09 ) ( 16.68 ) ( 15.21 ) ( 10.00 )	10 Project(s) 1. Rural Electrification Project 2. Daukhei Fertilizer Plant Modernization Project 3. Metropolitan Water Supply Project 4. Emergency Commodity Loan 5. Commodity Loan 6. Indus Highway Project	1,004.23 ( 207.38 ) ( 185.98 ) ( 125.18 ) ( 105.00 ) ( 90.00 ) ( 85.16 )
FY 1989	14 Project(s) 1. Aid for Increased Food Production 2. Islamabad Model Integrated Rural Area Development·1/2 3. Establishment of the Educational TV Channel·1/2 4. Improvement of Meteorological Radar Network 5. Construction of High-Voltage and Short-Circuit Testing Laboratory·3/3 6. Improvement of Medical Equipment of Basic Health Units and Rural etc..	95.51 ( 18.00 ) ( 18.58 ) ( 16.43 ) ( 7.99 ) ( 7.94 ) ( 7.70 )	1 Project(s) 1. Financial Sector Adjustment Program	193.00 ( 193.00 )
FY 1990	11 Project(s) 1. Aid for Increased Food Production·2/2 2. Project for the Establishment of the Second TV Channel for Education·2/2 3. Mode Integrated Rural Area Development Project in Islamabad 4. Project for Providing the Equipment for Lahore Laboratories 5. Project for Constructing the Geoscience Laboratory·2/2 6. Project for Exploitation of Groundwater in Balochistan·1/2 etc..	75.41 ( 15.00 ) ( 17.83 ) ( 12.54 ) ( 11.87 ) ( 9.38 ) ( 5.01 )	2 Project(s) 1. Telecommunications Network 2. Indus Highway Project·II	416.33 ( 208.55 ) ( 207.78 )

Capital Assistance to Islamic Republic of Pakistan

III. Performance of Capital Assistance

	Grant Aid		Loan Aid	
	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)	Number of Projects Implemented and Major Projects	Disbursement (¥100millions)
FY 1991	12 Project (s) 1. Genetic Resources Preservation and Reserch Laboratory Establishment Project 2. Aid for Increased Food Production 3. Project for Improvement of Medical Equipment for Punjab Medical College 4. Project for Rehabilitation of Water Treatment System in Islamabad-1/2 5. Project for Upgrading Teaching Facilities at the National College of Textile Engineering, Faisalabad etc..	75.82 ( 15.67 ) ( 15.00 ) ( 12.50 ) ( 11.62 ) ( 6.50 )	4 Project (s) 1. Bin Qasim Thermal Power Station Extension Unit 6 Project - I 2. Agricultural Credit Project 3. On Farm Water Management Project 4. Track Circuits at 94 Mainline Stations Project	350.02 ( 135.51 ) ( 100.00 ) ( 82.30 ) ( 32.21 )
FY 1992	13 Project (s) 1. Land Resource Development Project for the Uplift of Farming Community in the Province of the Punjab 2. Aid for Increased Production 3. Project for Rehabilitation of Water Treatment System in Islamabad-2/2 4. Project for Construction of Bridges in North West Frontier Province-1/3 5. Project for Providing Firefighting Trucks and Equipment for Islamabad etc..	71.53 ( 18.09 ) ( 13.50 ) ( 11.46 ) ( 8.60 ) ( 5.20 )	1 Project (s) 1. Commodity Loan for Flood Disaster Relief	122.47 ( 122.47 )