

### Part III

## Performance in Fiscal 1992 by Country, Sector and Program

[ASIA]

**Bangladesh**

Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
North West Regional Study (Bangladesh Flood Action Plan No. 2)	Flood Plan Coordination Organization
Greater Dhaka Protection Project (Study in Dhaka Metropolitan Area of Bangladesh Flood Action Plan 8A)	Flood Plan Coordination Organization
The Study on Water Supply and Sanitation Project in Rajshahi	Department of Public Health Engineering
The Study on the Geodetic Survey	Survey of Bangladesh, Ministry of Defence

Grant Aid

CASE	EXPENSES (Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Balancing, Modernizing, Rehabilitation & Expansion of Chandnighat Water Treatment Plant		Basic Design Study
The Project for the Improvement of the Storm Water Drainage System in Dhaka City	397	
The Project for the Construction of Meghna Gumti Bridge	2,093	Basic Design Study
The Project for the Establishment of Microwave Link for Meteorology	835	Basic Design Study
The Project for Protecting Revetment on the Bank of Meghna River	1,122	Basic Design Study
The Project for the Construction of Multipurpose Cyclone Shelter		Basic Design Study
The Project for the Construction of the Meghna Bridge	7,957 ('86 - '90)	Follow-up Study
The Project for the Procurement of Construction Equipment for Cyclone Rehabilitation	299	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Institute of Postgraduate Studies in Agriculture Project (II)	36	10	69,929	90. 7. 4 - 95. 7. 3

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Operation and Maintenance Study for FCD/I Project	Flood Plan Coordination Organization
The Feasibility Study on the KURIGRAM Irrigation and Flood Control Project - South Unit	Bangladesh Water Development Board (BWDB)

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of the Narayanganj-Narslingdi Irrigation Facilities	3,343 (‘89 - ‘91)	Expediting of Execution
The Model Rural Development Project	849	Basic Design Study Expediting of Execution
The Project for the Establishment of Fish Landing, Preservation and Distribution Facilities at Monoharkhali	692	Basic Design Study Expediting of Execution

||||||| Human Resources Development |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Permanent Seamen's Training School	643	Basic Design Study

ASIA

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Pilot Project on Control of Rheumatic Fever and Rheumatic Heart Diseases	47	15	297,089	92.11. 1 - 93. 6.30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment at Circulatory Disease Center	303	Follow-up Study
The Project for Renovation of Maternal and Child Health Training Institute at Azinpar and Lalkuthi		Basic Design Study

Bhutan

Planning & Administration

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for Computer	8,415	Royal Civil Service Commission

Public Works & Utilities

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Development of Domestic Telecommunication Network	1,567	Basic Design Study Expediting of Execution

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Agricultural Development	879 ( '86 -- '87)	Follow-up Study
The Project for the Paro Valley Agricultural Development (Phase III)		Basic Design Study
The Increase of Food Production	250	Aptness Study of the Requested Equipment Expediting of Execution

Brunei

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Forestry Research Project	38	13	214,132	85.10. 1 - 92. 9.30

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Development Survey of the Forest Resources	Forestry Department, Ministry of Industry and Primary Resources

ASIA

||||||| Human Resources Development |||||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The ASEAN Project on Corrosion of Reinforced Concrete Structure	47	16	124,026	87.10. 1 - 92. 9.30

||||||| Others |||||||

Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
Financial Cooperation Survey	92. 9. 6 - 92. 9.11	3

**Cambodia**

||||||| Public Works & Utilities |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan and Feasibility Study on Phnom Penh Water Supply System	Phnom Penh Water Supply Authority

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Restoration of Chroy Changwar Bridge	2,794	Basic Design Study
The Project for Rehabilitation of the Port of Phnom Penh		Basic Design Study
The Project for the Establishment of Road Con- struction Center		Basic Design Study
The Project for Rehabilitation of National Road Route 6A		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Agricultural and Rural Development Project in the Suburbs of Phnom Penh	Ministry of Agriculture

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	500	Aptness Study of the Requested Equipment Expediting of Execution
The Project for Rehabilitation of the Toul Samrong Agricultural Technical Center, Battambang		Basic Design Study

ASIA

||||||| Energy |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Rehabilitation and Reconstruction of Electricity Supply in Phnom Penh and Siem Reap in Cambodia	Ministry of Industry (MOI)

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Health Facilities in Phnom Penh	517	Basic Design Study

# China

## Planning & Administration

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Technical Cooperation for the China Research Center for Water Pollution and Water Re-Use	6	2	40,007	92.11.19 - 97.11.18
The Japan-China Friendship Environmental Protection Center	2	5	6,164	92. 9. 1 - 95. 8.31

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Regional Development Plan for Juijiang City	Juijiang City People's Government
The Study on the Development Plan of Wai-gao-giao Area in Shanghai Pu-Dong New Area	Shanghai Municipality Urban Planning Administration Bureau
The Integrated Air Quality Management Study for the City of Liuzhou	State Science and Technology Committee
The Study on Water Pollution Control Plan for the Lake Poyang	State Bureau of Environmental Protection, Bureau of Environmental Protection of Jiangxi Province

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Japan-China Friendship Environment Protection Center	1,914	Basic Design Study Expediting of Execution
The Project for the Improvement of the Equipment of Fire Fighting in Beijing	1,246	Basic Design Study



Public Works & Utilities

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of the Road Traffic Cadre Training Center	93	16	664,880	88.11.10 - 93.11.9

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Light Rail Transit System in Chongqing City	Chongqing City Science and Technology Committee
The Primary Road Network Development Study in Zhe-Jiang Province	Traffic Bureau of Zhe-Jiang Province
The Feasibility Study of West-Bound Trunk Construction Pro- ject in Municipality of Xiamen	Traffic Bureau, Municipality of Xiamen
The Feasibility Study on Flood Forecasting System for the Hanjiang River Basin	Ministry of Water Resources
The Study on Fongman Dam Improvement Project	Ministry of Energy Resources

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Upgrading TV Broadcasting Equipment of Shinkyo TV Station	509	Basic Design Study
The Project for the Procurement of Equipment for Flood Control System		Basic Design Study
The Project for the Improvement of the Equip- ment for the Henan Television Station	1,000	Basic Design Study
The Project for the Improvement of Rural Water Supply in Baicheng Prefecture	497	Basic Design Study

ASIA

||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Shanghai Fish Processing Technique Development Cen- ter	47	22	464,578	86. 1. 1 - 92. 12.31
The Sanjianpingyuan Agricul- tural Research Center Project	70	34	757,903	85. 9.20 - 93. 3.19
The Beijing Vegetable Research Center Project	37	28	252,428	88. 1. 1 - 94. 12.31
The Tianjin Dairy Farming Development Project	27	17	209,708	90. 3. 1 - 95. 2.28
The Watershed Management Training Project on the Loess Plateau	24	13	245,876	90. 1.15 - 95. 1.14
The Forestry Development Pro- ject in Fujian Province	11	8	102,762	91. 7. 1 - 96. 6.30
The Technology and Training Project for Repair and Maintenance of Agricultural Machinery	9	3	28,580	92. 4. 1 - 97. 3.31

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Facilities Improvement Project in Second Irrigation Section in Qianquo Area in Jilin Province	Water Resources Agency, Jilin Province
The Master Plan Study on the Liao River Delta Agricultural Resource Integrated Development Project in the Liao Province	Water and Electricity Agency, Liaoning Province
The Feasibility Study on the Integrated Agriculture Develop- ment Project in Heilongjiang	General Bureau of State Farms, Hei Long Jiang Province, Ministry of Agriculture
The Master Plan Study on Integrated Agriculture and Livestock Development Project in Xiangxinanzhishanmai	Agriculture Agency, Hunan Province

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Growing Vegetables in Shanxi Province	495	Basic Design Study

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Increase of Food production	600	Aptness Study of the Requested Equipment Basic Design Study Expediting of Execution

#### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Breeding and Processing Techniques of Cattle	92. 8.25 - 92. 11.21	1	Pilot Project for Cattle
Cultivating and Processing Techniques of Soybeans	92. 8.25 - 92. 9.23	5	Pilot Project for Culture of Soybean

#### Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
Dairy Development Cooperation	92. 8.31 - 92. 9.19	12

#### Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
Pilot Project for Culture of Hop	92. 8. 6 - 92. 8. 14	3

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Research and Development on Resin Application	29	16	479,210	90. 2.21 - 94. 2.20
The Shanghai Modern Molding Die Technology Training Center	16	9	249,435	91. 9. 1 - 95. 8.31

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for Factory Modernization (Puyuan Construction Machine)	Economic and Trade Office of the State Council, State Planning Commission
The Study for Factory Modernization (Beijing Thermo Power Public Service Cooperation)	Economic and Trade Office of the State Council, State Planning Commission
The Study for the Factory Modernization (Ji Dong Cement)	Economic and Trade Office of the State Council, State Planning Commission
The Study for the Factory Modernization (The First Si-Chuan Cotton Mill and Printing)	Economic and Trade Office of the State Council, State Planning Commission
The Study for Factory Modernization (Benxi Calcium Carbonate)	Economic and Trade Office of the State Council, State Planning Commission
The Study for the Factory Modernization (Shenyang Construction Machine)	Economic and Trade Office of the State Council, State Planning Commission
The Feasibility Study on the Complex of the Shenmu Coal	State Planning Commission, China International Engineering Consulting Corporation
The Study for the Factory Modernization (Wuhsi Machine Tool)	Economic and Trade Office of the State Council, State Planning Commission
The Feasibility Study on the Quality Control System Plan for Shenfu-Dongshen Coal Field	Coal Refinery Corporation, Ministry of Energy
The Study on Waste Water Treatment Project in Dexing Copper Mine	China National Nonferrous Metals Industry Corporation
The Study for the Integrated Development of Rare Metals	China National Nonferrous Metals Industry Corporation
The Study for Factory Modernization (Loting Ramie)	Economic and Trade Office of the State Council, State Planning Commission
The Study for Factory Modernization (Jiaying Woolen)	Economic and Trade Office of the State Council, State Planning Commission
The Study for Factory Modernization (Taiyuan Xishan Gypsum)	Economic and Trade Office of the State Council, State Planning Commission
The Study for the Factory Modernization (Wuhsi Engine)	Economic and Trade Office of the State Council, State Planning Commission

### Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
Appraisal on the Experimental Project for Coal Water Mixture	93. 1.13 - 93. 1.19	4

### Energy

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Dalian Energy Conservation Training Center	7	4	424,588	92. 7. 9 - 97. 7. 8

### Human Resources Development

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Preservation and Related-Activities of Dolphins in the Yangtze River	8,638	Institute of Hydrobiology, Academia Sinica

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Laboratory Animal Science and Technology Training Center	6	2	36,975	92. 7. 1 - 97. 6.30

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Construction of the Chinese-Japanese Youth Center	10,110	Expediting of Execution
The Project for the Establishment of Dunhuang Cave Cultural Assets Preservation Research and Exhibition Center	855	Basic Design Study

ASIA

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of the Equipment of Beijing Institute of Technology	520	Basic Design Study
The Project for the Improvement of the Equipment for the Training Center for Instructors of Vocational Training	296	Basic Design Study
The Project for the Improvement of Medical Equipment for the Clinical Hospital of the China-Japan Medical Education Center	583	Basic Design Study

### Public Health & Medicine

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The China-Japan Friendship Hospital	163	220	458,128	81.11.19 - 92.10.21
The Project on China Rehabilitation Research Center	125	39	362,224	86.11.25 - 93.11.24
The China-Japan Medical Education Center Project	53	19	347,869	89.11.18 - 94.11.17
The Polio Control Project	26	4	73,944	91.12. 4 - 96.12. 3

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of the Japan-China Friendship Hospital	1,643 ('80 - '83)	Follow-up Study

### India

### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Transport Infrastructure Development Project in Calcutta	Transport Department of West Bengal Government

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project of Exploitation of Ground Water (II)	1,005	Basic Design Study

## ■■■■■■■ Agriculture, Forestry & Fisheries ■■■■■■■

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Bivoltine Sericulture Technology Development Project	21	14	117,045	91. 6. 1 - 96. 5.31

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Fishing Vessels for Deep Sea and Offshore Fisheries	947	Basic Design Study
The Increase of Food Production	600	Aptness Study of the Requested Equipment Expediting of Execution

## ■■■■■■■ Mining & Industry ■■■■■■■

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Solvent Refined Coal Development Project	Ministry of Steel and Mines
The Feasibility Study on HMT Restructuring and Development Program	Ministry of Industry
The Master Plan Study on the Industrial Model Town	Ministry of Industry

ASIA

Human Resources Development

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Updating Training Equipment for Nautical and Marine Engineering Education	992	Basic Design Study
The Project for the Improvement of Educational Media Production Facilities of Indira Gandhi National Open University		Basic Design Study

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Sanjai Gandhi Post Graduate Institute of Medical Science	28	15	142,144	90. 8. 1 - 95. 7. 31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment of the Sanjai Gandhi Post Graduate Institute of Medical Science	3,319 ('86 - '87)	Follow-up Study

Indonesia

Planning & Administration

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Monitoring and Analysis of Water	44,746	Government of Jakarta DKI



## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Environmental Management Center	10	3	10,049	93. 1. 1 - 97.12.31

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Integrated Regional Development Plan for the Southern Part of Sumatra	Directorate General of Human Settlements, Ministry of Public Works

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of the Environmental Management Center	1,799	Basic Design Study

## Public Works & Utilities

## Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for TV Broadcasting	38,522	Directorate of Television, Ministry of Information
Equipment for the Measurement of Telecommunication Amount	53,766	PERUMTEL, The Ministry of Tourism, Post and Telecommunication
Equipment for the Study and Tests of Dynamics for Dam Construction	56,493	Agency for Research and Development, Ministry of Public Works

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Radio and Television Train- ing Center	66	50	556,967	83.10.21 - 92.10.20
The Water Supply and Environ- mental Sanitation Training Center	38	6	80,803	91. 4. 1 - 96. 3.31

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Modernization of Perumka's Education and Training System in Jabotabek (Motrain- Jabotabek)	7	2	22,964	92. 9. 1 – 97. 8.31
Sabo Technical Center Project	16	2	94,135	92. 4. 1 – 97. 3.31

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Nationwide Ferry Service Routes	Ministry of Communication (MOC)
The Master Plan on Water Resources Development and Feasibility Study for Urgent Flood Control and Urban Drainage for Semarang City and Suburbs	Directorate General of Water Resources Development
The Study on the Solid Waste Management Improvement for Surabaya City	Ministry of Public Works
The Study on Wastewater Disposal for Denpasar	Ministry of Public Works
Study on Telecommunications Network Development Plan for REPEUTA-VI	Directorate General of Posts and Telecommunications
The Study on the IKK System Water Supply Project in Central Jawa, East Jawa and Bali	Directorate General of Human Settlements
The Feasibility Study on Chidanau and Chibanten Water Resources Development	Directorate General of Water Resources Development
The Study on Ciujung-Cidurian Integrated Water Resources	Ministry of Public Works
The Study on Coastal Roads in East Coast of Sumatra	Directorate General of Highways, Ministry of Public Works
The Feasibility Study on Urban Arterial Road System Development Project in Jakarta Metropolitan Area	Directorate of Urban Road Development, Directorate General of Highways, Ministry of Public Works
The Integrated Sea Transportation Development Plan in Eastern Indonesia	Ministry of Communications

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Constructing of Yogyakarta Sewage Treatment Plant	71	Basic Design Study
The Project for the Improvement of IKK's Rural Water Supply	1,175	Basic Design Study

## Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
Cooperation in Maintenance of Navigational Aids in Malacca Straits	For: Guidance for the Study on the Renewal and Construction of the Beacons, Technical Guidance for the Operation and Maintenance of Navigation Aids

## ■■■■■■■ Agriculture, Forestry & Fisheries ■■■■■■■

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Strengthening of Artificial Insemination Center Project	43	28	271,382	86. 4. 1 - 95. 3.31
The Center for Development of Appropriate Agricultural Engineering Technology	45	15	207,421	87. 4. 1 - 93. 7.31
The Forest Conservation Project in South Sulawesi	32	14	237,990	88. 7.21 - 95. 7.20
The Strengthening the Research and Development of Coastal Aquaculture Project	28	14	257,771	88.10.26 - 93.10.25
The Academic Development of the Graduate Program at the Faculty of Agricultural Engineering and Technology Institute Pertanian Bogor	50	26	231,538	88. 4. 1 - 93. 3.31
The Remote Sensing Engineering Project Phase II for the Development of Agricultural Infrastructure	34	17	301,215	88. 6. 6 - 94. 6. 5
The Integrated Agricultural and Rural Development Project in Southeast Sulawesi Province	25	7	160,377	91. 3. 1 - 96. 2.29
The Forest Tree Improvement	7	2	37,462	92. 6. 1 - 97. 5.31
The Tropical Rain Forest Research Project Phase II	32	9	57,308	90. 1. 1 - 94.12.31
The Seed Potato Multiplication and Training Project	6	2	25,685	92.10. 1 - 97. 9.30

ASIA

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for Formulation of Irrigation Development Program	Directorate General of Water Resources Development, Ministry of Public Works
The Feasibility Study on the Gilirang Irrigation Project	Directorate General of Water Resources Development, Ministry of Public Works
The Feasibility Study for the Land Development Project - Improvement of Land and Irrigation System at Farm Level -	Directorate General of Food Crops Agriculture, Ministry of Agriculture
The Rokan River Basin Overall Irrigation Development Plan Study	Directorate General of Water Resources Development, Ministry of Public Works
Upland Plantation and Land Development Project at Chitaric Watershed	Directorate General of Reforestation and Land Rehabilitation, Ministry of Forestry
The Study on Land Rehabilitation of Semi Arid Zone in East Nusa Tenggara	Directorate General of Reforestation and Land Rehabilitation, Ministry of Forestry
The Study on Coastal Resources Inventory Management and Enhancement	Directorate General of Fisheries, Ministry of Agriculture

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Middle Level Agricultural Technician Training Center	400 ('80)	Follow-up Study
The Pumping Station Project for Bengawan Solo Lower Reaches	328	Basic Design Study
The Increase of Food Production	1,700	Aptness Study of the Requested Equipment Expediting of Execution

## Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
The Development of Sustainable Mangrove Management Project	92. 6.29 - 92. 7.28	7
The Development of Sustainable Mangrove Management Project	92.10.26 - 92. 11. 6	6

## Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
Survey for Financial Cooperation in Indonesia	93. 2.15 - 93. 2.22	4

### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
The Development of Sustainable Mangrove Management Project	For: Forestation, Seedling Culture, Forestry Management, Ecology

### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Producing Techniques of Joint Boards	92. 7.20 - 92.11.14	2	Katingan Reforestation Project
Producing Techniques of Joint Boards	92. 7.20 - 92.10. 1	2	Katingan Reforestation Project
The Afforestation of Mangrove	93. 3. 8 - 93. 4. 3	2	The Development of Sustainable Mangrove Management Project

### ||||||| Mining & Industry |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for the Development Resources in the Toraja Area	Directorate of Mineral Resources, Ministry of Mines and Energy
The Study for Development of Legal Metrology System	Directorate General for Domestic Trade, Ministry of Trade

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of the Chemical Industry Development Center	1,730 ('81)	Follow-up Cooperation

# Energy

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Image Processing Laboratory for Oil and Gas Study	36	9	226,608	89. 8.21 - 94. 9.20

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study for Cooperative Rural Electrification in Aceh and North Sumatra	Ministry of Cooperatives
The Feasibility Study on Wampu Hydroelectric Power Development Project	National Electric Power Corporation (PLN)
The Feasibility Study on Mine Mouth Steam Power Plant Development Project in South Sumatra	National Electric Power Corporation (PLN)
The Master Plan Study on Electric Power Development	Ministry of Mines and Energy
The Study on Utilization of Photovoltaic Hybrid System in Rural Areas	Directorate General of Electricity and New Energy, Ministry of Mines and Energy
The Feasibility Study on the Upper Cisokan Pumped Storage Hydroelectric Power Development Project	National Electric Power Corporation (PLN)

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of the Bio-Mass Energy Development and Research Center	1,550 (81)	Follow-up Study

# Commerce & Tourism

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Export Training Center	46	29	47,449	88. 9. 2 - 93. 9. 1

Human Resources Development

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Vocational Training Equipment for the Handicapped	7,994	Institution Rehabilitation for Physically Disabled, Cengkareng

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Electronic Engineering Polytechnic Institute	68	32	238,511	87. 4. 1 - 94. 3.31
The ASEAN Project on Characterization of Polymeric Materials	40	14	323,339	91.10. 1 - 92. 9.30
The Higher Education Development Support Project	39	74	393,695	90. 4.12 - 95. 4.11
The CEVEST Vocational Training Center Development	7	3	7,802	92. 6. 1 - 97. 5.31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of the Center for Japanese Studies at the University on Indonesia		Basic Design Study

Public Health & Medicine

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Medical Operation	43,252	Ambon Hospital, Ministry of Health

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Fundamental Technology Transfer Project for Production of Live Attenuated Measles and Poliomyelitis Vaccines	43	21	464,568	89. 9. 1 - 94. 8.31
Family Planning and Maternal and Child Health Care	28	10	232,033	92.11.29 - 94.11.28

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Emergency Medical Center	2,272 (84)	Follow-up Study
The Project for Strengthening of the Information, Education and Communication Activities in Family Planning Program		Aptness Study of the Requested Equipment
The Project for the Improvement of Public Health Centers		Aptness Study of the Requested Equipment
The Project for the Construction of the National Medical Center for Infectious Diseases	1,506	Basic Design Study
The Health Center Development Project	292	Aptness Study of the Requested Equipment
The Project for Strengthening of the Information, Education and Communication Activities in Family Planning Program	566	Aptness Study of the Requested Equipment
The Project for the Construction of the New Emergency Unit at Dr. Soatomo Hospital in Surabaya		Basic Design Study



## Republic of Korea

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Research Project on Promoting Efficiency in the Utilization of Agricultural Lands	18	20	146,493	89. 6. 1 - 94. 5. 31

ASIA

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Improvement in Underground Working Environment of Mine Safety	23	9	216,689	89.11.10 - 93.11. 9

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Industrial Waste Water Treatment and Recycling Project	Korea Institute of Science and Technology, Ministry of Science and Technology

### ||||||| Human Resources Development |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Industrial Technology Train- ing Institute	87	26	1,548,853	86. 4. 18 - 92. 4. 17

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The New Materials Evaluation Center Project	15	6	803,020	91.10.15 - 96.10.14
Prevention of Occupational Diseases	10	6	5,886	92.4.13 - 97.4.12
The Korean Gerontology Project	19	8	226,249	90.11.1 - 95.10.31

## Laos

### ||||||| Public Works & Utilities |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for the Architectural Technology	9,172	Architecture School, Institute of Building and Architecture, Ministry of Transport, Communication, Post and Construction

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Solid Waste Management System Improvement Project in Vientiane	Vientiane Municipality
The Topographic Mapping of Bolikhamxai Province	National Geographic Service Department

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Second Telecommunication Project	811	Basic Design Study
The Project for the Reconstruction of Lao National TV Station	556	Basic Design Study
The Project for the Improvement of Water Supply Facilities in Vientiane Municipality	290	Basic Design Study
The Project for Providing Equipment of Road Construction and Maintenance on Route 8		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Agricultural Development Project to Control Slash and Burn Cultivation in the Oudomxay Province	Ministry of Agriculture and Forestry
The Master Plan Study on Integrated Agricultural Rural Development in Savannakhet Province	Ministry of Agriculture and Forestry

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	450	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Agricultural Rural Development Project in the Suburbs of Vientiane	450	Basic Design Study

ASIA

||||||| Mining & Industry |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for Bus Maintenance Technology	3,870	Department of Communication, Transport & Construction, Vientiane Municipality (Public Bus Company)

||||||| Energy |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Hydroelectric Power Development in the Se Kong Basin	Ministry of Industry and Handicraft (MIH)

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Joint Japan/WHO Technical Cooperation for the Primary Health Care Project	2	1	128,229	92.10. 1 - 97. 9.30

**Malaysia**

||||||| Planning & Administration |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Air Quality Management Study for Kelang Valley Region	Department of Environment, Ministry of Science, Technology and Environment

||||||| Public Works & Utilities |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Measurement of the Water level	35,803	Department of Survey and Mapping, Malaysia

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The National River Mouth Study	Drainage and Irrigation Department, Ministry of Agriculture
The Study on the Maintenance and Rehabilitation of Bridges in Malaysia	Public Works Department
The Study on the Highway Network Development in Malaysia	Economic Planning Unit, Prime Minister's Department
The Feasibility Study on the Introduction of Land Readjustment in Malaysia	Department of Town and Country Planning

### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
Cooperation in Maintenance of Navigational Aids in Malacca Straits	For: Guidance for the Study on the Renewal and Construction of the Beacons, Technical Guidance for the Operation and Maintenance of Navigation Aids

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Development of Biotechnology at the Faculty of Food Science and Biotechnology, University Pertanian Malaysia	30	11	186,319	90. 6. 1 - 95. 5.31
The Malaysia ASEAN Poultry Disease Research and Training Project	38	27	227,320	86. 4.17 - 93. 4.16
The Malaysia Sabah Reafforestation Technical Development and Training Project	36	16	208,401	87. 3.14 - 94. 3.13

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Small Reservoir Development in Peninsular Malaysia	Department of Irrigation and Drainage, Ministry of Agriculture
The Master Plan Study on Forest Plantation Development in Northern Sabah	Sabah Forestry Development Authority
The Feasibility Study on the Pilot Project for Improvement of Fish Marketing and Distribution	Economic Planning Unit

#### Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
The Advisory Mission on Multi-Storied Forest Project	93. 1.11 - 93. 1.21	5
The Pilot Project for Culture of Sweetening Material Plant in Malaysia	93. 2. 1 - 93. 2.13	4

ASIA

#### Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
The Pilot Project for Culture of Food Pigment Plant in Malaysia	92.11. 5 – 92.11.13	2

#### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
The Multi-Storied Forest Project	For: Forestation, Seedling Culture, Forestry Machines, Forestry Management

#### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
The Development of Afforestation and Nurseries	92. 9. 28 – 92. 11. 27	2	The Multi-Storied Forest Project

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Foundry Technology Unit	53	18	381,887	88. 10. 12 – 93. 10. 11

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Supra-Regional Survey for Mineral Resources in the Central Sabah Area	Geological Survey of Malaysia, Ministry of Primary Industry
The Study on the Industrial Standardization and Quality Assurance Improvement Programme	Economic Planning Unit, Standards and Industrial Research Institute (SIRIM)
The Study for Upgrading the Measurement Centre, SIRIM of Malaysia	Economic Planning Unit, Prime Minister's Department Standards and Industrial Research Institute of Malaysia, Ministry of Science, Technology and the Environment

# ||||||| Energy |||||

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Small Scale Hydroelectric Power Development at Upper Liwagu River Basin in Sabah	Sabah Electric Bureau

# ||||||| Human Resources Development |||||

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The ASEAN Project on Characterization of Fine Ceramics	60	15	222,186	87.11.18 - 92.11.17
The Radiation Applications Project	41	12	459,970	89. 7. 5 - 94. 7. 4

# ||||||| Public Health & Medicine |||||

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Upgrading Accident and Emergency Care Service at Sarawak	7	5	102,308	92. 8. 1 - 97. 7.31
The Project for Research and Development on Diagnosis of Selected Tropical Diseases	6	2	4,478	93. 1. 1 - 95.12.31

ASIA

||||||| Others |||||

Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
Appraisal on the Experimental Project for Utilization of Natural Rubber Serum	93. 2.22 - 93. 2.28	5

Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
The Experimental Project for Utilization of Natural Rubber Serum	For: Development and Merchandise of Organic Fertilizer

**Maldives**

||||||| Public Works & Utilities |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Seawall Construction Project in Male Island	Ministry of Public Works and Labour

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Coastal Fisheries Promotion	837	Basic Design Study



## Mongolia

### ||||||| Planning & Administration |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Measurement of Environmental Pollution	90,262	State Committee for Environment Control Khudaldaany Gudamj

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Water Supply System in Waanbaatar and Surroundings	Waanbaatar Municipality
The Study on the Improvement Plan for Transshipment Facilities at Zaryn-Uud Station	Mongolian Railway
The Topographic Mapping on Ulaan-Tsav Area	Mongolian State Administration of Geodesy and Cartography

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Improvement Project of the Communications	562	Basic Design Study
The Project for Improvement of Transshipment Facilities at Zamin-Uud Station		Basic Design Study
The Project for Re-equipment of Refrigerating System of Darkhan Meat Plant		Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	150	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study for the Development in the Tsav Area (Expansion Type)	Ministry of Geologic Mineral Resources
The Study on the Erdenet Mine Modernization and Development	The Erdenet Mine
The Study for the Resource Development in the Uudam Tal Area	Ministry of Geologic Mineral Resources

||||||| Energy |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project of the Rehabilitation of 4th Thermal Power Station	936	Basic Design Study

||||||| Public Health & Medicine |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Implementation Review on the Project for Improvement of Medical Equipment in Mongolia		Basic Design Study

## Myanmar

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Irrigation on Technology Center	25	9	116,042	88. 4. 1 - 95. 3.31
The Central Forestry Development Training Center Project	21	6	103,214	90. 8. 1 - 95. 7.31

ASIA

## Nepal

### ||||||| Public Works & Utilities |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Preventive Research of Flood Disaster	34,543	Water & Energy Commission Secretariate

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Water Induced Disaster Prevention Technical Center	21	6	153,892	91.10. 7 - 96.10. 6

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Topographic Mapping of Lumbini Zone of Nepal	Survey Department, Ministry of Land Reform (SD)
The Study of Tribhuvan International Airport Modernization Plan	Department of Civil Aviation, Ministry of Tourism and Civil Aviation

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Nationwide Hydro-Meteorological Data Management Project	Ministry of Water Resources
The Master Plan Study for Water Resources Development of Upper Karnali and Mahakali River Basins	Ministry of Water Resources
The Urban Transport Study in Kathmandu	Department of Roads, Ministry of Works and Transportation
The Aftercare Study for Sindhuli Road Construction Project	Department of Roads, Ministry of Works and Transportation

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The River Training Project	450 ('91)	Expediting of Execution
The Project for Reconstruction of Bridges in Kathmandu	497	Basic Design Study
The Kathmandu Water Supply Facility Improvement Project	2,086	Basic Design Study
The Project for the Expansion of the Rural Telecommunication Network	781	Basic Design Study
The Project for the Improvement of Transportation Capacity	351	Aptness Study of the Requested Equipment

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Construction Material Testing	20,070	Material Testing Unit, Department of Irrigation, Ministry of Water Resources

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Horticulture Development Project Phase II	4	0	2,604	92.11.12 - 97.11.11
The Forestry Extension Project	5	2	42,635	91. 7.16 - 94. 7.15
The Project for Natural Water Fisheries Development	8	2	52,736	91.11. 1 - 96.10.31

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Terai Groundwater Resources Evaluation and Development Project	Department of Irrigation, Ministry of Water Resources
The Feasibility Study on the Rajkudwa Irrigation Project	Department of Irrigation, Ministry of Water Resources
The Master Plan Study on the Rehabilitation for Government Development Irrigation Schemes in the Kathmandu Valley	Department of Irrigation, Ministry of Water Resources

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Food Stock-house	1,456 ('85 - '86)	Follow-up Study
The Increase of Food Production	700	Aptness Study of the Requested Equipment Expediting of Execution

## ||||||| Mining & Industry |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Technical Assistance for Vehicle Maintenance	44,712	Sajha Yatayat, Ministry of Transportation

## ||||||| Energy |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Nam Small Hydropower Development Project	Nepal Electricity Authority (NEA)

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Extension and Reinforcement of Power Transmission and Distribution System in the Kathmandu Valley	934	Basic Design Study

## Human Resources Development

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Rehabilitation of School Facilities	200	Expediting of Execution
The Project for Expansion of the Educational Materials Centre	598	Basic Design Study

## Public Health & Medicine

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for the National Tuberculosis Programme	34	19	201,116	87. 4.17 - 94. 4.16
The Medical Education Project	40	13	214,038	89. 6.20 - 94. 6.19

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Improvement of Medical Equipment	1,711 (‘84 - ‘87)	Follow-up Study
The Project for the Expansion of Institute of Medicine and the Teaching Hospital of Tribhuvan University	109	
The Project for the Expansion of Kanti Children's Hospital		Basic Design Study

## Pakistan

### ||||||| Planning & Administration |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Providing Firefighting Trucks and Equipment for Islamabad	520	Basic Design Study

### ||||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Training Center for Construction Machineries	2,970 ('84)	Follow-up Study
The Project for Groundwater Development	2,273 ('87)	Follow-up Study
The Project for Improvement of Environmental Condition in Karachi	499	
The Project for Rehabilitation of Water Treatment System in Islamabad	1,146	Basic Design Study
The Project for Construction of Bridges in North West Frontier Province	860	Basic Design Study
The Project for Groundwater Development in arid areas		Aptness Study of the Requested Equipment
The Project for Provision of Road Construction Equipment in North West Frontier Province		Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for the Water Management Center	8,921	Director General Agriculture (Water Management) Punjab

ASIA

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Agricultural and Rural Development for Up-Country Peasantry Rehabilitation Programme	Irrigation Department, Government of NWFP
The Feasibility Study on the Development of Irrigation Based Upon Flood Flows of D.G. Khan Hill Torrents	Ministry of Water and Power

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	1,350	Aptness Study of the Requested Equipment Expediting of Execution
The Project for Land Resources Development for the Uplift of Farming Community	1,809	Basic Design Study
The Small-Scale Fishery Promotion Project in West Asia and Middle East Area (Pakistan, Yemen)		Basic Design Study

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Geoscience Laboratory in the Geological Survey of Pakistan	33	6	109,993	90.10. 1 - 95. 9.30

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Textile Industry Development Program	Ministry of Industries



Human Resources Development

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Modernization of Science Laboratories in the Quaid -i- Azam University	1,340 (85)	Follow-up Study
The Project for Improvement of the Educational Equipment for the University of Engineering and Technology, Peshawar	519	Basic Design Study

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Children Hospital Islamabad	82	25	293,812	86. 7. 1 - 93. 6.30
Nursing Education	16	13	77,641	87. 7. 1 - 92. 6.30

Philippines

Planning & Administration

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for Cebu Integrated Area Development Master Plan	Regional Development Council, Region VII
The Master Plan Study for West Central Luzon Development Program	Department of Trade and Industry

ASIA

Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Observation Survey of Terrestrial Magnetism	26,214	Coast & Geodetic Surveys Department, National Mapping and Resource Information Authority (NAMRIA)
Equipment for the Water System Management	27,010	Baquo Water District, Baquo City

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The National Maritime Polytech- nic Training Center	47	36	277,283	85. 6.13 - 93. 12.21
The National Center for Transportation Studies	15	2	19,244	92. 4. 1 - 97. 3.31

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Luzon Island Strategic Road Network Development	Department of Public Works and Highways
The Nationwide Roll-on Roll-off Transport System Develop- ment Study	Inter Agency Technical Committee on Transport Planning
The Study on the Development Plan of Davao International Airport	Department of Transportation and Communications
The Study on Master Plan on Maritime Safety	Maritime Industry Authority
The Study on Groundwater Development in Metro Manila	Metropolitan Waterworks and Sewerage System
The Study on Flood and Mudflow Control for Sacobia-Ban- ban-Abacan Rivers Draining from Mt. Pinatubo	Department of Public Works and Highways
The Master Plan Study on the Improvement and Optimiza- tion Net	Department of Transportation and Communications
The Study on the Flood Control for Rivers in the Selected Urban Centres	Department of Public Works and Highway
The Feasibility Study on Metro Manila Urban Expressway System	Department of Public Works and Highways
The Greater Capital Region Integrated Port Development Study	Department of Transportation and Communi- cations

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Energy Rehabilitation for Typhoon Damaged Water Supply System in Leyte		Basic Design Study
The Project for Establishment of Emergency Telecommunications System		Basic Design Study
The Educational Facilities Improvement Program (Phase I)		Basic Design Study
The Project for Urgent Water Supply for Resettlement Areas and Barangays Affected by Mt. Pinatubo Eruption		Basic Design Study
The Project for Rehabilitation of Public Markets in the Typhoon Ruping Affected Areas	1,572	Basic Design Study
The Project for Constructing Bridges Along Rural Roads	702	Basic Design Study Expediting of Execution
The Project for Urgent Garbage Disposal System Improvement in Metro Manila and Rural Cities	1,130	Aptness Study of the Requested Equipment
The Project for Retrieval of Flood Prone Areas in Metro Manila	1,254	Basic Design Study
The Project for the Rehabilitation of the Baquio Sewer System	630	Basic Design Study
The Project for Urban Environment and Sanitation, Phase III		Aptness Study of the Requested Equipment

ASIA

## ■■■■■■ Agriculture, Forestry & Fisheries ■■■■■■

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Diversified Crops Irrigation Engineering Project	33	25	168,141	87. 5.28 - 93. 5.27
The Forestry Development Project in Pantabangan (II)	28	14	203,259	87. 7.24 - 92. 7.23
The Philippine Rice Research Institute Project	8	2	18,596	92. 8. 1 - 97. 7.31
The Soil Research and Development Center Project	33	15	120,635	89. 7.13 - 94. 6.30

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Mapping and Agricultural Potential Study for Integrated, Rural Development Program in Panpanga	Department of Agrarian Reform
The Feasibility Study on the Development of Viable Agrarian Reform Communities in Southern Palawan	Department of Agrarian Reform
The Study on the Marikina Water Shed Development Project	Department of Environment and Natural Resources
The Master Plan Study for Strengthening of the Agricultural Cooperative System	Cooperative Development Authority
The Feasibility Study on Upland Irrigation and Rural Development Project in Southern Luzon	National Irrigation Administration

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of the Crocodile Farming Institute Project	1,761 ('85)	Follow-up Study
The Project for the Improvement of Rural Infrastructure in Trinidad Highland	1,643 ('89)	Follow-up Study
The Project for Marinduque Agricultural Development and Promotion	2,028	Basic Design Study
The Project for Minimizing Ash-Fall Deposition in the Western Barrios Impounding Irrigation	492	Basic Design Study
The Integrated Jala-Jala Rural Development Project	1,137	Basic Design Study
The Increase of Food Production	2,200	Aptness Study of the Requested Equipment Expediting of Execution
The Project for Development of Shallow Groundwater for Irrigation Areas Affected by Mt. Pinatubo Eruption	580	Aptness Study of the Requested Equipment Expediting of Execution
The Project for Improvement of Seed Production and Distribution and Appropriate Seed Storage System		Basic Design Study

### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Biological Statistics	92. 9. 1 - 92. 10. 8	1	The Pilot Project for the Improvement of Coconut Cultivation in the Philippines

# ||||||| Mining & Industry |||||

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Crocodile Farming Institute Project	50	16	62,338	87. 8.20 - 94. 8.19

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for the Resource Development in the Palawan and Panay Area	Mines and Geo-Science Bureau
The Study on Industrial Sub-Sector Development	Department of Trade & Industry, Board of Investments

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Institute of Lithology, Mineralogy and Geo-chronology	1,030 (81)	Follow-up Study
The Project for the Construction of Marine Resource Investigation Vessel	2,140 (82)	Follow-up Study

# ||||||| Energy |||||

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Rehabilitation/Renovation and Operation/Maintenance Improvement for Power Facilities in Luzon Grid	National Power Corporation

ASIA

Commerce & Tourism

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Analysis of Ingredients for the Determination of Tariff	55,074	Department of Finance, Bureau of Customs

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Trade Training Center	48	34	81,449	87. 2.23 - 93. 2.22

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Trade Training Center	2,432 (86)	Expediting of Execution Follow-up Cooperation

Human Resources Development

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The ASEAN Project on Atmospheric Corrosion Metallic Coating	60	16	300,090	87.10.30 - 94. 10.29
The Rural Livelihood Generation Project	13	4	35,426	91.10. 1 - 96. 9.30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of the National Learning Resource Center for Teacher Training in Science and Mathematics Education	2,046 (88)	Expediting of Execution
The Project for Assistance to Secondary Education Instructional Equipment Program	598 (91)	Basic Design Study

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Constructing Primary and Secondary Schoolbuildings	2,795	Basic Design Study

### Public Health & Medicine

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Food and Drugs Laboratories Project	91	27	350,910	86. 7.25 - 93. 7.24
The Public Health Development Project	3	2	1,978	92. 9. 1 - 97. 8.31
The Family Planning and Maternal and Child Health Project	2	2	48,314	92. 4. 1 - 97. 3.31

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment at the National Center of Cancer	592 (84)	Follow-up Study
The Project for the Construction and Equipping of the Out-Patient Department of the Vicente Sotto Memorial Medical Center		Basic Design Study

### Social Welfare

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Occupational Safety and Health Center Project	83	24	145,193	88. 4. 1 - 95. 3.31

## Singapore

### ||||| Public Works & Utilities |||||

#### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
Cooperation in Maintenance of Navigational Aids in Malacca Straits	For: Guidance for the Study on the Renewal and Construction of the Beacons, Technical Guidance for the Operation and Maintenance of Navigation Aids

### ||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Japan-Singapore AI Center	50	13	539,111	90. 4. 1 ~ 95. 3.31

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development of the Packaging Centre	Singapore Institute of Standards & Industrial Research for the Government of the Republic of Singapore

### ||||| Human Resources Development |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The ASEAN Project on Prevention of Corrosion in Structures	65	15	201,843	87.10. 1 ~ 92. 9.30



## Sri Lanka

### Public Works & Utilities

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation of the Ambatale Treatment Plant	131	Basic Design Study
The Project for Improvement of Housing for Low Income People	307	Aptness Study of the Requested Equipment Expediting of Execution

### Agriculture, Forestry & Fisheries

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of the Center for Plant Genetic Resources	21	16	157,391	88. 4. 1 - 95. 3.31

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Walawe Irrigation Upgrading and Extension Project (Left Bank)	Ministry of Lands, Irrigation and Mahaweli Development
The Master Plan Study on the Agricultural and Rural Development for the Up-country Peasantry Rehabilitation Programme	Ministry of Up-country Peasantry Rehabilitation

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation of the Kirinda Fisheries Harbour	737	
The Increase of Food Production	1,700	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Establishment of the National Plant Quarantine Services	1,806	Basic Design Study

ASIA

## Development Cooperation (Investment and Financing Examination and Surveys)

CASE	
The Pilot Project for the Production of the Nurseries of Orchid	Approved in fiscal 1992

## ||||||| Mining & Industry |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Industrial Sector Development	Ministry of Industries, Science & Technology

## ||||||| Human Resources Development |||||

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Upgrading Equipment for Research Education at Universities in Sri Lanka	2,319 ('83 - '87)	Follow-up Cooperation
The Project for the Improvement of the Institute of Fundamental Studies	877 ('86)	Follow-up Study
The Project for the Establishment of Audio Visual Education Center in the Open University of Sri Lanka	774	Basic Design Study
The Project for Upgrading Equipment for Scientific Education of the Faculty of Science, University of Colombo	446	Basic Design Study

## ||||||| Public Health & Medicine |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Medical Research Institute Project	75	18	177,709	89. 1. 1 - 93. 12.31
The Population Information Project	27	13	360,821	87.11.30 - 92. 11.29

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of the Pharmaceutical Formulation Center of Essential Drugs	2,564 (85 - 86)	Follow-up Cooperation
The Project for Development of Rural Hospitals	596	Basic Design Study

## Thailand

### ||||||| Planning & Administration |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Countermeasure for Narcotics	79,825	Office of the Narcotics Control Board, c/o Department of Technical and Economic Cooperation

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project on Environmental Research and Training Center	37	16	113,766	90. 4. 1 - 95. 3.31
The National Computer Software Training Center	21	11	507,197	91. 5. 1 - 96. 4.30

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Regional Development Plan for the Lower Northeast and the Upper East Regions	The National Economic and Social Development Board (NESDB)

ASIA

Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Telecommunications	56,784	Post and Telegraph Department, c/o Department of Technical Economic Cooperation

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Railway Training Center	9	4	11,361	92. 6. 1 - 97. 5.31
The Seamen's Training Center	0	0	1,009	93. 3. 3 - 98. 3. 2

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Modernization of Bangkok Port	Ministry of Transport and Communications
The Study on Phuket International Airport Development Plan	The Airports Authority of Thailand
The Study on Improvement Plan for Railway Transport Around Bangkok Metropolis in Consideration of Urban Development in Thailand	Office of the National Economic and Social Development Board, State Railway of Thailand
The Feasibility Study on the Inter-city Toll Motorways Projects	Department of Highways, Ministry of Transportation and Communications
The Study on Inspection and Maintenance System for the Expressway	The Expressway and Rapid Transit Authority of Thailand
The Study on Application Scheme of Land Readjustment in National Urban Development Trust in Thailand	Department of Town and Country Planning, Ministry of Interior
The Study on Greater Bangkok Truck Terminal	Department of Land Transport, Ministry of Transport and Communications
The Study on Regional Development Plan for Telecommunications in the Bangkok Metropolitan Area	Telephone Organization of Thailand
The Study on Master Planning for Sewage Development Project	Public Works Department, Ministry of Interior
The Study on Management of Groundwater and Land Subsidence in the Bangkok Metropolitan Area and Its Vicinity	Department of Mineral Resources, Ministry of Industry Public Works Department, Ministry of Interior

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Facilities for the Environmental Improvement for Affected Thai People and Laotian Refugees in the Thai-Lao Border Region	495 ('82)	Follow-up Study

## ||||||| Agriculture, Forestry & Fisheries |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Maize Quality Improvement Research Center Project	45	19	197,603	86.12.15 - 92. 9.14
The National Animal Health and Production Institute Project	60	38	425,101	86.12. 9 - 93.12. 8
The Research and Training in Re-forestation Project Phase II	44	27	280,561	86. 7.29 - 93. 7.28
The Strengthening Research Activities (Phase II) Project at Kasetsart University	69	38	279,036	87. 4.16 - 94. 4.15
The Research Project for Fishery Resource Development	31	16	186,175	88. 7. 1 - 93. 6.30
The Reforestation and Extension Project in the Northeast of Thailand	35	18	140,853	88.12.20 - 93.12.19
The Irrigation Engineering Center Project Phase II	33	12	204,361	90. 4. 1 - 95. 3.31
The Reforestation and Extension Project in the Northeast of Thailand	7	2	56,494	92. 4. 1 - 97. 3.31

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Detailed Design Study on the Bang Pakong Diversion Dam Project	Royal Irrigation Department
The Master Plan and Feasibility Study on Agricultural Land Rehabilitation and Conservation Project in Southern Thailand	Department of Land Development, Ministry of Agriculture and Cooperatives

ASIA

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Lam Dome Yai Basin Irrigation Project	Ministry of Agriculture & Cooperatives, Royal Irrigation Department
The Study on the Agricultural Development for Peat/Acid Sulfate Soil	Ministry of Agriculture and Cooperatives, Department of Land Development
The Feasibility Study on the Integrated Agriculture and Water Resources Development Project of the Menam Chumphon Basin	Royal Irrigation Department, Ministry of Agriculture and Cooperatives

#### Grant Aid

CASE	EXPENSES (Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of the Chang Khain Highland Agricultural Development and Training Center	596	Basic Design Study
The Project for the Establishment of Large-Scale Nursery Centers in the Northeast of Thailand	1,400	Basic Design Study

#### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Cultivation of Crops for Spices	93. 2.23 - 93. 5.21	1	Pilot Project for Culture of Spices in Thailand

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Industrial Standardization Testing and Training Center	29	14	66,425	89.12. 1 - 94. 11.30
The Northern Ceramic Development Center	3	0	244,908	92.10.14 - 97. 10.13

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for the Resource Development in the Kra Buri Area	Department of Mineral Resources, Ministry of Industry

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Prevention and Control of Offensive Odors from Small and Medium Scale Factories	Department of Industrial Works, Ministry of Industry

### ||||||| Energy |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Training in the Distribution Automation System	6	3	42,034	92. 6.30 - 97. 6.29

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Sin Pun Fluidized-Bed Combustion Coal-Fired Thermal Plant Development	Electricity Generating Authority of Thailand (EGAT)
The Study on Bulk Power Supply for the Greater Bangkok Area Project	Electricity Generating Authority of Thailand (EGAT)

### ||||||| Commerce & Tourism |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Tourism Development Study on the Hua Hin Cha-am Beach Resort Area	Tourism Authority of Thailand

### ||||||| Human Resources Development |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Ubon Institute for Skill Development Project	52	21	276,100	88.10. 1 - 93. 9.30

ASIA

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The ASEAN Project on Atmo- spheric Corrosion-Organic Coatings	45	16	255,996	87.11.30 - 94.11.29
The Expansion Project of King Mong Kut's Institute of Technology, Ladkrabang	120	38	892,551	88. 4. 1 - 93. 3.31

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Japanese Studies Institute of Thammasat University	1,150 ('83)	Follow-up Study

### Public Health & Medicine

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Food Analysis	24,844	Nutrition Division, Department of Health, Ministry of Health

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Research Promotion Project in the National Institute of Health	133	42	261,715	85. 8. 1 - 94. 7.31
The Family Planning and Mater- nal and Child Health Project	7	5	100,266	91. 6. 1 - 96. 5.31
The Community Health Project	13	5	34,071	91. 9. 1 - 96. 8.31

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Extension of the Maharaj Nakorn Sri Thammaraj Hospital	1,100	Basic Design Study
The Project for Constructing Vocational Training School		Basic Design Study



## Viet Nam

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Transport Development in the Northern Part of the Socialist Republic of Viet Nam	Ministry of Transport and Communication

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Strengthening of Reforestation Program through Agro-Forestry Practice in Dac-Lac Province	333	Aptness Study of the Requested Equipment Basic Design Study

### ||||||| Public Health & Medicine |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Rehabilitation of the Cho Ray Hospital	840	Basic Design Study
The Project for the Improvement of Medical Equipment in the Hai Ba Trung Hospital	351	Aptness Study of the Requested Equipment Basic Design Study

### ||||||| Others |||||

#### Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
Project Finding Survey in Viet Nam	93. 3. 22 - 93. 3. 30	7

# Hong Kong

## ||||| Mining & Industry |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Development Precision Sheet Metal Processing Technology	37	6	380,233	89. 3.23 - 93. 3.22

## [MIDDLE EAST]

### Algeria

#### Public Works & Utilities

##### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Superior Maritime Institute of Bou-Ismaïl Project	24	11	645,991	90. 3.31 - 94. 3.30

##### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development of Algiers, Oran and Annaba	Direction of Ports, Ministry of Transport

#### Human Resources Development

##### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The University of Science and Technology of Oran	47	13	290,147	89.11. 1 - 94. 10.31

MIDDLE EAST

# Egypt

## Public Works & Utilities

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Transportation on System and the National Road Transport Master Plan	Transport Planning Authority, Ministry of Transport
The Detailed Engineering Design on Urgent Projects of North Suez Bay Area Development	Ministry of Development, New Communities, Housing and Public Utilities
The North Sinai Groundwater Resources Study	Research Institute for Water Resources

### Grand Aid

CASE	EXPENSES (\$Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation of Ahmed Hamdi Tunnel	1,180	Basic Design Study
The Project for Upgrading the Water Supply and Sewer System in Monib, Giza City	2,085	Basic Design Study
The Project for Upgrading the Water Supply and Sewer System in Monib, Giza City (Phase II)	101	Basic Design Study

## Agriculture, Forestry & Fisheries

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study for Rehabilitation and Improvement of Delivery Water System on Bahr Yusef Canal	Department of Irrigation, Ministry of Public Works and Water Resources

### Grant Aid

CASE	EXPENSES (\$Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	500	Aptness Study of the Requested Equipment
The Project for the Improvement of Rice Storage Centers	2,669 ('91 -- '92)	Basic Design Study Expediting of Execution

## Mining & Industry

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study for Update of the Expansion Project of the El Dikheila Iron and Steel Works	Ministry of Industry

## Human Resources Development

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Construction Equipment Training Center in Tenth of Ramadan	19	17	163,823	89. 2. 1 - 94. 1.31

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Construction of the Education and Culture Center	6,485 (84 - 86)	Follow-up Study

## Public Health & Medicine

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Medical Equipment	9,249	Al-Moassat Hospital

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Pilot Project of Family Planning and Maternal and Child Health	26	10	213,191	89. 9.19 - 94. 3.31

MIDDLE EAST

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Cairo University Children Hospital (Phase II)	64	24	151,408	89. 7. 1 - 94. 6.30

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Construction of Cairo University Children Hospital	4,000 (80 - 81)	Follow-up Study
The Project for Improvement of the High Institute of Nursing, Cairo University	1,486	Basic Design Study

Iran

### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Port Sector Study	Ministry of Road and Transportation

### Agriculture, Forestry & Fisheries

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Agricultural Development Project along the Coast of the Caspian Sea	19	14	348,163	90. 4. 1 - 95. 3.31

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study of Irrigation and Drainage Development Project in the Haraz River Basin	Ministry of Agriculture

||||||| Energy |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study of the Comprehensive Energy Development Plan	Plan and Budget Organization (PBO)

Iraq

||||||| Mining & Industry |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Electrical and Electronic Industries Training Center Project (Phase II)	17	16	556,690	88. 3.30 - 93. 3.29

Jordan

||||||| Human Resources Development |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Women's Vocational Training	7,986	Queen Alia Fund
Technical Training Equipment for Casting	37,801	Vocational Training Corporation

MIDDLE EAST

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Computer Technology Development and Training Center	12	8	412,428	90. 6.27 - 94. 6.26

## ||||||| Social Welfare |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for the Rehabilitation of Physically Handicapped People	41,302	Young Moslim Women's Association Centre for Special Education

## Morocco

## ||||||| Public Works & Utilities |||||

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Groundwater Development in the Eastern Rural Area	677 (87)	Follow-up Cooperation

## ||||||| Agriculture, Forestry & Fisheries |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Delivery of Live Fishes	8,225	Department of Water, Forest and Soil Conservation, Ministry of Forest



### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Moroccan Fisheries Training Project	27	18	375,905	87. 1.19 - 93. 9.30

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Ouergha River Basin Irrigated Agricultural Development Project	Ministry of Interior and Information
The Feasibility Study for the Forestry of Firewoods and Charcoals	Director of Water, Forest and Soil Conservation

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Small-Scale Fishery Promotion Project in West Africa Area (Senegal, Morocco)		Basic Design Study
The Project for the Improvement of the Training Equipments for Fishery	475	Basic Design Study

MIDDLE EAST

## Human Resources Development

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Construction of the Training Center for Road Construction and Maintenance of Machineries	6	8	20,241	92. 4.16 - 97. 4.15

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Constructing the Training Center of Construction Machineries for Road Maintenance	1,586 ('91 - '92)	Basic Design Study

||||||| Public Health & Medicine |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment		Basic Design Study

**Oman**

||||||| Agriculture, Forestry & Fisheries |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Agriculture Development Project (Phase II) in the Nejd Region	Ministry of Agriculture and Fisheries

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Establishment of the Industrial Statistics Information Center	Ministry of Commerce & Industry

**Saudi Arabia**

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Riyadh Electronics Technical Institute	68	25	546,573	74. 6.12 - 93. 3.31

||||||| Others |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Sea Water Desalination Technology Project	Saline Water Conversion Corporation (SWCC)

**Sudan**

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	1,100	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Khartoum Training Hospital	3,070 ('82 - '83)	Follow-up Study
The Project for Supply of Basic Medical Equipment and Materials	838 ('91)	Basic Design Study

MIDDLE EAST

# Syria

## Public Works & Utilities

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Production of TV Broadcasting Programs	16,042	Scientific Studies and Research Center

## Agriculture, Forestry & Fisheries

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Sanitation Tests of Livestocks	33,249	International Center for Agricultural Research in the Dry Areas
Equipment for the Promotion of Dairy Farming	30,406	General Organization of Cattle, Ministry of Agriculture and Agrarian Reform, Department of Planning and Statistics

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment Basic Design Study Expediting of Execution

## Mining & Industry

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The National Standards and Calibration Laboratory Project	28	21	738,781	87.10. 3 - 92.10. 2

Public Health & Medicine

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Upgrading of Emergency Services	1,095 ( '92 - '93)	Basic Design Study

Tunisia

Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Topographic Mapping of Central Region in the Republic of Tunisia	Ministry of Equipment and Housing
The Study on Flood Protection Programme for Grand Tunis and Sousse	Ministry of Equipment and Housing

Agriculture, Forestry & Fisheries

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for Fishery Training	36,462	National Institute of Science and Technology of Oceanography and Fishery

Mining & Industry

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Industrial Waste Treatment and Recycling Plan in the Region of Sfax	National Environmental Protection Agency

MIDDLE EAST

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for the Promotion of Population Education	0	0	52,198	93. 3.23 - 98. 3.22

Turkey

Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Study for the Movement of Bridges	62,830	Department of Motorway, General Directorate of Highways, Ministry of Public Works and Settlement

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Flood Control, Forecasting and Warning System for Seyhan River Basin	General Directorate of State Hydraulic Works, Ministry of Public Works and Settlement
The Study of Motorway Maintenance Operation and Traffic Management System	Director of Highways, Ministry of Public Works and Settlement

Agriculture, Forestry & Fisheries

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Demersal Fisheries Resource Survey	Ministry of Agriculture, Forestry and Rural Affairs

### Development Cooperation (Investment and Financing Examination and Surveys)

CASE	
Pilot Project for the Production of High-Quality Flowers' Seedlings at Izmir	Approved in Fiscal 1992

### Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
Pilot Project for the Production of High-Quality Flowers' Seedlings at Izmir	93. 2. 24 - 93. 3. 5	2

### Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
The Trial Agricultural Development Project for Semi-arid Areas	93. 3. 13 - 93. 3. 25	6

### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
The Trial Agricultural Development Project for Semi-arid Areas	For: Fruit Farming, Dry Field Farming, Vegetables, Irrigation, Video, Farm Mechanization

### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Production of Vegetables	92. 8. 4 - 92. 10. 29	2	The Trial Agricultural Development Project for Semi-arid Areas
Production of Crops	92. 9. 1 - 92. 10. 29	1	The Trial Agricultural Development Project for Semi-arid Areas
Production of Crops	92. 9. 1 - 92. 11. 17	1	The Trial Agricultural Development Project for Semi-arid Areas
Agricultural Engineering	92. 9. 1 - 92. 10. 29	1	The Trial Agricultural Development Project for Semi-arid Areas
Agriculture in General	92. 10. 8 - 92. 10. 29	3	The Trial Agricultural Development Project for Semi-arid Areas
Gardening of Flowers' Seedlings	92. 11. 26 - 93. 3. 18	2	Pilot Project for the production of High-Quality Flowers' Seedlings at Izmir

### ||||||| Mining & Industry |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
Mineral Exploration in the Kure Area	Mine Development Bank

### ||||||| Energy |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Oltu Hydroelectric Power Development Project	Electric Power Resources Surveys and Development Administration (E/E)
The Feasibility Study on Köprubasi Hydroelectric Power Development Project	National Bureau of Irrigation (DSI)

### ||||||| Human Resources Development |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Istanbul-Tuzla Vocational and Technical High School	37	23	877,033	87.10. 1 – 92. 9.30

### ||||||| Public Health & Medicine |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of Promotion of Population Education	27	12	171,268	88.11. 8 – 93.11. 7
The Project of Development and Evaluation of Quality Control of Biological Products	5	2	89,810	93. 1. 1 – 95.12.31



## Yemen

### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Groundwater Development for Sanaa	National Water and Sewerage Authority

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Rural Water Supply	1,600 ('81 - '83)	Follow-up Study
The Project for the Rural Water Supply	531	Basic Design Study
The Project for the Establishment of the Workshop for Road Construction	1,035	Basic Design Study
The Sanaa Municipal Solid Waste Management Improvement Project		Basic Design Study

### Agriculture, Forestry & Fisheries

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Fishing Implements	13,545	Marine Science and Resources Research Center, Ministry of Fish Wealth

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	500	Aptness Study of the Requested Equipment Expediting of Execution
The Small-Scale Fishery Promotion Project in West Asia and Middle East Area (Pakistan, Yemen)		Basic Design Study

MIDDLE EAST

||||||| Mining & Industry |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Expansion Project of the Mafrak Cement Plant	Yemen General Corporation for Cement Industry and Marketing (YCC)

||||||| Public Health & Medicine |||||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (YThousand)	DURATION
The Tuberculosis Control (Phase I)	40	18	236,116	83. 9. 1 - 92. 8.31
The Tuberculosis Control (Phase II)	0	0	1,014	93. 2.21 - 98. 2.20

## [AFRICA]

### Benin

#### ||||||| Public Works & Utilities |||||

##### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Roads	330 ( '86)	Follow-up Study
The Project for Water Supply Planning in Rural Areas	395	Basic Design Study

#### ||||||| Agriculture, Forestry & Fisheries |||||

##### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	250	Aptness Study of the Requested Equipment Expediting of Execution

### Burkina Faso

#### ||||||| Public Works & Utilities |||||

##### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Groundwater Development	581	Basic Design Study

AFRICA

||||||| Agriculture, Forestry & Fisheries |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Agricultural Development in the Upper Mouhoun River Basin	Ministry of Water

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment Expediting of Execution

**Burundi**

||||||| Public Works & Utilities |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Telephone Networks in Bujumbura City	440	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments at Prince Regent Charles Hospital	394	Basic Design Study

**Cameroon**

||||||| Public Works & Utilities |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Extension of Radio Broadcasting Networks	606	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	200	Aptness Study of the Requested Equipment

||||||| Mining & Industry |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Research and Survey of Poisonous Gases	10,283	Institute for Geological and Mining Research

||||||| Energy |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Menvale Hydroelectric Power Development	National Society of Electricity in Cameroon

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments of the Main Local Hospitals	457	Basic Design Study

Cape Verde

||||||| Public Works & Utilities |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Supply of Cargo Vessels among Islands	779	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Promotion of Artisanal Fisheries	9,167	National Institute of Artisanal Fisheries

## Central Africa

### ||||||| Public Works & Utilities |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Groundwater Development	14,891	Bureau of Hydropower, Ministry of Energy, Mines of Geology and Hydropower

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Road Systems	500 (83)	Follow-up Study
The Project for Paving the National Highway No. 3	1,254	Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	200	Aptness Study of the Requested Equipment Expediting of Execution

## Comoros

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	150	Aptness Study of the Requested Equipment Expediting of Execution

## Congo

### ||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Supply of Drinking Water in Rural Areas	164	Basic Design Study

## Djibouti

### ||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Oil-Berths Reconstruction of Port of Djibouti	Djibouti International Autonomous Port

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Expansion of Television Center	825 ( '90 - '91)	Expediting of Execution
The Project for Rural Water Supply	474	Basic Design Study
The Project for the Improvement of Road Equipments	618	Basic Design Study

### ||||| Public Health & Medicine |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment	256 ( '91)	Aptness Study of the Requested Equipment Expediting of Execution



## Ethiopia

### ||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Provision of Road Maintenance Equipment for Shashemene and Dire Dawa Districts	500	Basic Design Study
The Project for Groundwater Development	503	Basic Design Study

### ||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	600	Aptness Study of the Requested Equipment
The Small-Scale Irrigation Development Project		Basic Design Study

## Gambia

### ||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Integrated Water Use	306	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Improvement of Artisanal Coastal Fisheries	493 ( '91)	Basic Design Study
The Increase of Food Production	200	Aptness Study of the Requested Equipment Expediting of Execution

Ghana

||||||| Public Works & Utilities |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Quality Control of Construction Works	10,166	State Construction Corporation

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Radio and Television Network	1,554 ( '84 - '85)	Follow-up Study
The Project for the Reconstruction of the Beposo Bridge	172	Basic Design Study
The Project for Providing Equipment for Ghana Highway Authority Workshops	608	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increased Food Production Project	300	Aptness Study of the Requested Equipment Expediting of Execution

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Rehabilitation of the Tema Outer Fishing Harbour	696	Basic Design Study

||||||| Mining & Industry |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Study and Test of Quality Control	29,602	Ghana Standards Board

||||||| Energy |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Electrification of Ada Foah Capital of the Dangbe East District		Basic Design Study

||||||| Human Resources Development |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Vocational Trainings	8,652	National Vocational Training Institute
Equipment for Vocational Training for the Practical Exercises of Electronics	3,517	National Vocational Training Institute

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Noguchi Memorial Institute Project Phase II	13	5	59,564	91.10. 1 - 96. 9.30

Guinea

Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Maintenance Management of Telecommunication Circuit	5,274	The Ministry of Posts and Telecommunications

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Water Supply in Eastern Conakry		Basic Design Study

Human Resources Development

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Primary Schools in Provincial Areas	791	Basic Design Study

## Guinea-Bissau

### ||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	250	Aptness Study of the Requested Equipment Expediting of Execution

## Côte d'Ivoire

### ||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Seamen's Training School	2,428 ('80 - '85)	Follow-up Study
The Project for the Water Supply at Northern Villages	312	Basic Design Study

### ||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Agricultural Machinery Training Project for Irrigated Rice Cultivation	4	2	37,889	92. 8. 1 - 97. 7. 31

AFRICA

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Rural Development Project in the N'ZI River Middle Basin	Ministry of Agriculture and Animals Resources

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	400	Aptness Study of the Requested Equipment Expediting of Execution

Kenya

### ||||||| Planning & Administration |||||

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Wild Life Conservation Project	722	Basic Design Study

### ||||||| Public Works & Utilities |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the National Water Master Plan	Ministry of Water Development
The Study on the Construction Project of the Nairobi Bypass (Operational Plan)	Ministry of Public Works
The Study on the Nakuru Sewage Works Rehabilitation and Expansion Project	Ministry of Local Government

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Groundwater Development in South Nyanza	710 ('87)	Follow-up Study

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Project for Road Maintenance Equipment in Kenya and Tanzania		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Horticultural Development Project	39	20	189,707	85.12. 4 – 93.12. 3
The Social Forestry Training Project Phase I	62	20	264,447	85.11.26 – 92.11.25
The Mwea Irrigation Agricultural Development Project	17	8	71,541	91. 2. 1 – 96. 1.31
The Social Forestry Training Project Phase II	1	3	18,095	92.11.26 – 97.11.25

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	900	Aptness Study of the Requested Equipment Expediting of Execution
The Increase of Food Production	200	Aptness Study of the Requested Equipment

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for the Resource Development in the Mombasa Area	Mines and Geological Department, Ministry of Environment and Natural Resources

Human Resources Development

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The NYS Engineering Institute	35	6	140,544	88. 1. 1 - 92. 12. 31
The Jomo Kenyatta University College of Agriculture and Technology	40	23	226,621	90. 4. 19 - 95. 4. 18

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of Promotion of Population Education	27	12	337,639	88. 12. 16 - 93. 12. 15
The Research and Control of Infection Diseases Project (Kenya Medical Research Institute)	52	12	207,170	90. 5. 1 - 95. 4. 30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of the Equipment for the Kenyatta National Hospital	1,464	Basic Design Study



## Madagascar

### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development of the Port of Antsiranana in Madagascar	Ministry of Transport and Meteorology

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Development of Groundwater in the South-West Area	603	Basic Design Study
The Project for the Provision of Road Equipment	645	Basic Design Study

### Agriculture, Forestry & Fisheries

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production Project	300	Aptness Study of the Requested Equipment Expediting of Execution

### Mining & Industry

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Resource Development in the Southern Area	Direction of Mine and Geology, Ministry of Industry, Energy and Mines

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of Public Transportation Center		Basic Design Study

Public Health & Medicine

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Urban Environment	480 (87)	Follow-up Study
The Project for the Provision of Medical Equipments for the Toamasina Central Hospital	377	Basic Design Study

Malawi

Public Works & Utilities

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Road	500 (84)	Follow-up Study
The Mchinji Groundwater Developmet Project	646	Basic Design Study

Agriculture, Forestry & Fisheries

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Bwanje Valley Smallholder Irrigation	Ministry of Agriculture

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	400	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Mining & Industry |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Analysis of Minerals	13,575	Geological Survey Department
Equipment for the Vehicle Management	4,961	City of Blantyre, Ministry of Local Government

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipment		Aptness Study of the Requested Equipment

Mali

||||||| Public Works & Utilities |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Environmental Sanitation in the District of Bamako	475	Aptness Study of the Requested Equipment

||||||| Agriculture, Forestry & Fisheries |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Agricultural Development Project for Nara Basin	Bureau of International Cooperation, Ministry of Planning and International Cooperation, Ministry of Rural Development

# Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment Expediting of Execution

## ||||||| Mining & Industry |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Resource Development in the Bougouni Area	National Bureau of Geology and Mines

## ||||||| Energy |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Utilization of Photovoltaics for Pumping System in Nara Region	MRE, DNCI MMIE, DNHE

## Mauritania

## ||||||| Agriculture, Forestry & Fisheries |||||

# Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Promotion of Artisan Fisheries	358 (91)	Basic Design Study
The Increase of Food Production	250	Aptness Study of the Requested Equipment

## Mozambique

### Public Works Utilities

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Expansion of Radio Broadcasting Network		Basic Design Study

### Agriculture, Forestry & Fisheries

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	900	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Construction of Facilities for Repair and Maintenance of Fishing Vessels	573	Basic Design Study

## Namibia

### Public Works & Utilities

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for District Road Improvement	303 ('91)	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	250	Aptness Study of the Requested Equipment
The Project for the Construction of a Fisheries Research Vessel	1,427	Basic Design Study

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study for the Resource Development of the Orange and Kalkfeld Area	Geological Survey of Namibia, Ministry of Mines and Energy

Niger

||||||| Public Works & Utilities |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Topographic Mapping of Djerma Ganda and Dallols Region	Direction of Topography, Ministry of Finance

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Road and Improvement of Sanitation in Niame City	550 ('85)	Follow-up Study
The Project for the Extension of Water Purification Facilities of Yantala	925	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Crop Store-house in Rural Areas	840 (86)	Follow-up Study
The Increase of Food Production	500	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Rehabilitation of Ouallam Village	339	Basic Design Study

||||||| Mining & Industry |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study for the Resource Development in the Sirba Area	National Office of Mineral Resources

Nigeria

||||||| Public Works & Utilities |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on National Water Resources Development	Federal Ministry of Agriculture

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project of Water Supply for Middle to Large Scale Villages in the Northwestern Area	641	Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Lower Anambla Irrigation Project	27	8	180,074	89. 1. 1 - 93. 12. 31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Survey and Training Vessel for Bonito Fishing	480 ('83)	Follow-up Study
The Project for Grant Aid Cooperation for Fisheries	1,480 ('83 - '86)	Follow-up Study
The Project for the Improvement of Facilities of Federal School of Fisheries	2,213 ('90 - '91)	Follow-up Study
The Increase of Food Production	400	Aptness Study of the Requested Equipment

Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
The Trial Afforestation Project in Semi-Arid Area	92. 5. 31 - 92. 6. 11	5

||||||| Others |||||

Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
Financial Cooperation Survey in Nigeria	93. 3. 6 - 93. 3. 14	3



## Rwanda

### Public Works & Utilities

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Equipment for the Maintenance of National Highways		Basic Design Study
The Project for the Improvement of Public Transportation	1,044	Basic Design Study

### Agriculture, Forestry & Fisheries

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment Expediting of Execution

## Senegal

### Public Works & Utilities

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for the Broadcasting Technology	81,473	The National Office of Radio and Television in Senegal

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Urban Drainage and Wastewater Disposal System in Dakar City and its Surroundings	Ministry of Rural Development and Water Use

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Transportation	400 (84)	Follow-up Study
The Project for the Improvement of Water Supply Facilities in Rural Areas	629	Basic Design Study
The Project for Water Supply in Rural Areas	715	Basic Design Study
The Project for the Establishment of Water Supply System in Provincial Areas	598	Basic Design Study

### //////// Agriculture, Forestry & Fisheries //////////

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Promotion of Artisan Fisheries	30,993	Fishery Center in Missirah

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Prevention of Forest Fire	370 (83)	Follow-up Study
The Project for the Rehabilitation of Markets in Gueula Tapeé	236	Basic Design Study
The Increase of Food Production	600	Aptness Study of the Requested Equipment
The Project for the Promotion of Coastal Fisheries	234	Basic Design Study
The Project for the Rehabilitation of Irrigation in the District of Debl		Basic Design Study
The Small-Scale Fishery Promotion Project in West Africa Area (Senegal, Morocco)		Basic Design Study

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Japan-Senegal Technical Vocational Training Center	42	40	261,443	84. 2. 4 - 93. 3.31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Classrooms in Elementary Schools	780	Basic Design Study

||||||| Public Health & Medicine |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments at Dantec Hospital	600	Basic Design Study

Sierra Leone

||||||| Energy |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Improvement of Electricity Power and Supply to Greater Freetown		Basic Design Study

## Swaziland

### ||||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rural Automation Multi-Access Radio System		Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	300	Aptness Study of the Requested Equipment

## Tanzania

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Water Resources Development in the Ruvu River Basin	Ministry of Water, Energy and Minerals
The Topographic Mapping of Mwanza-Gaita Block	The Surveys and Mapping Division, Ministry of Lands, Housing and Urban Development

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Public Sanitation	844 ('85)	Follow-up Study
Project for Road Improvement and Maintenance in Dar es Salaam	987	Basic Design Study

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Road Maintenance Equipment in Kenya and Tanzania		Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Kilimanjaro Agricultural Development Project	31	21	287,040	86. 3.13 ~ 93. 3.12
The Kilimanjaro Village Forestry Project (I)	12	3	126,290	91. 1.15 ~ 93. 1.14
The Kilimanjaro Village Forestry Project (II)	1	1	0	93. 1.15 ~ 98. 1.14

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Promotion of Fisheries	900 ('79 ~ '81)	Follow-up Study
The Increase of Food Production	650	Aptness Study of the Requested Equipment Basic Design Study Expediting of Execution

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Kilimanjaro Industrial Development Center Phase II	18	9	128,168	88. 3.13 ~ 93. 3.12

||||||| Energy |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Improvement of Electric Power Supply	10,056	Tanzania Electric Supply Company

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Dar-Es-Salaam Power Supply System Expansion	TANESCO

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Telephone Network Rehabilitation for Port and Industrial Areas in Dar es Salaam	792	Basic Design Study

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Malaria Control Project (Phase IV)		Basic Design Study

Togo

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	250 (91)	Expediting of Execution

## Uganda

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Telecommunications Networks	Uganda Posts and Telecommunications Corporation

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Road Maintenance Project	591	Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Agricultural and Rural Development Project in the Central Uganda	Ministry of Agriculture, Animal Industry and Fisheries

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increased Food Production Project	400	Aptness Study of the Requested Equipment Expediting of Execution

### ||||||| Energy |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Reinforcement of Electric Power Distribution Network in Kampala	320	Basic Design Study

||||||| Human Resources Development |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Research on Ceramics	8,961	Polytechnic Kyambogo

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation of School Facilities	202	Aptness Study of the Requested Equipment

**Zambia**

||||||| Public Works & Utilities |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Quality Control of Television Waves	19,055	Zambia National Broadcasting Corporation
Training Equipment for Electronics and Telecommunications	34,934	Zambia Air Services Training Institute

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Long Term Plan for Development of Telecommunications Network	Posts and Telecommunications Corporation
The Master Plan Study on National Water Development	Ministry of Energy and Water Development

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Kafue Road Bridge Reconstruction Project	912	
The Project for the Rural Water Supply Development	471	Basic Design Study
The Project for the Rehabilitation of Telephone Cable Network in Lusaka	881	Basic Design Study



||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The University of Zambia; Veterinary Education Project Phase I	61	18	474,744	85. 1.22 - 92. 7.21
The University of Zambia; Veterinary Education Project Phase II	4	4	55,925	92. 7.22 - 97. 7.21

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Agricultural Verification Study on Rice Development	Ministry of Agriculture

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	900	Expediting of Execution
The Project for the New Agricultural Village Development in Kanakantapa Area	680	Basic Design Study
The Increase of Food Production	300	Aptness Study of the Requested Equipment

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Technical and Vocational Training Improvement Project	39	19	186,307	87.10. 1 - 94. 10.31

AFRICA

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Infectious Diseases Project	26	10	269,132	89. 4. 1 - 94. 3.31

Social Welfare

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Junior High School in Meheba Refugee Camp	689 (85 - 86)	Follow-up Study

Zimbabwe

Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Rural Telecommunication Network Project	Posts and Telecommunications Corporation

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation of Rural Roads		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	400	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Construction of Medium Size Irrigation in Masvingo Province	985	Basic Design Study

||||||| Mining & Industry |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for Mechanical Engineering	41,252	Cotton Marketing Board

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study for the Resource Development in the Makonde Area	Geological Survey Department

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Rehabilitation of the Medical Facilities of Central Hospital	653	Basic Design Study

# [LATIN AMERICA]

## Argentina

### ||||||| Planning & Administration |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Information Center in the Argentine Republic	13	5	229,558	91.12.13 - 96.12.12

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
Study on Air Pollution Control for Thermal Power Plants	Secretariat of Energy

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Improvement of Sewage Water Quality in Buenos Aires	Ministry of Economy, Public Works and Services
The Topographic Mapping of North-East Region in Argentine Republic	Military Institute of Geography

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Research Project at the Faculty of Veterinary Science, the National University of La Plata	38	21	227,815	89. 3. 1 - 94. 2.28

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Forest Resources Management Study at Chaco	Formosa Provncial Government

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of the New School for Fisheries	1,080 ('83)	Follow-up Study
The Project for the Construction of the National Research Institute of Fisheries	1,430	Basic Design Study

||||||| Mining & Industry |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Study of Catalytic Chemistry	59,307	National University of Litoral

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Packaging Technology Programme	23	15	437,598	89. 3.31 - 93. 3.30

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Resource Management in the Western Area	Secretariat of Hydrocarbon and Mineral

### Energy

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Northern Neuquen Geothermal Development Project	Energy Subsecretariat, Ministry of Public Works and Services Government of the Province of Neuquen

### Public Health & Medicine

### Equipment Supply

EQUIPMENT	EXPENSES (YThousand)	FACILITIES
Equipment for Intensive Care Unit	9,999	Sor Maria Ludovice Children's Hospital in La Plata
Medical Equipment	38,957	Hospital Attached to Faculty of Medicine, National University of Buenos Aires

### Bolivia

### Public Works & Utilities

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Improvement Project of the Oruro-Cochabamba Line in Bolivia	The Bolivia National Railways
The Topographic Mapping of La Paz-Beni Region	Geodetic Service of Map (SGM)
The Study on Control of Water Contamination of the Rivers in the City of La Paz	Municipality of La Paz

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Sanitation Project for the Provision of Cleaning Equipments in Urban Areas	1,134	Basic Design Study

## ||||||| Agriculture, Forestry & Fisheries |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Livestock Improvement Project	29	20	217,490	87. 9.10 - 94. 9. 9
The Fisheries Development Research Center Project	9	4	57,197	91. 6.15 - 96. 6.14

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on Agricultural Marketing Systems in Santa Cruz	Regional Development Cooperation of Santa Cruz

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	450	Aptness Study of the Requested Equipment
The Project for the Provision and Maintenance of Agricultural Pathes in Oruro District	796	Aptness Study of the Requested Equipment

## ||||||| Mining & Industry |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development in the Colquiri Area	Bolivia Corporation Minerals

||||||| Human Resources Development |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Vocational Training	71,740	National "Pedro Domingo Murillo" Advanced Vocational School

||||||| Public Health & Medicine |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Santa Cruz General Hospital	77	24	242,600	87.12. 1 - 92.11.30
The Gastrointestinal Diseases Control Project	3	4	107,180	92.10. 1 - 95. 9.30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of National Institute of Public Health	1,400 (80)	Follow-up Study

Brazil

||||||| Planning & Administration |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Recuperation of the Guanabara Bay Ecosystem	State Secretariat of Environment and Special Project in Rio de Janeiro



Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Navigation of Parnaiba River Basin	Secretariat of Planning of the State of Piaui (SEPLAN)

Agriculture, Forestry & Fisheries

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Research Equipment for the Decaying Roots of Apple Disease	7,519	EMPASC - Santa Catarina State Agricultural Research Organization

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Japan-Brazil Agricultural Research Cooperation Project	31	23	234,306	87. 8. 3 - 92. 8. 2
The Japan-Brazil Vegetable Research Project	24	24	237,743	87. 8. 3 - 94. 2. 2
The Amazonian Agricultural Research Cooperation Project	18	16	165,208	90. 6.28 - 95. 6.27
The Project for the Study of Forest and Environment Protection in the State of Sao Paulo	7	0	13,601	93. 2. 1 - 98. 1. 30

Development Cooperation (Basic Development Study)

CASE	DURATION	PERSON ENGAGED
Environment Monitor, Cerrado, Brazil	93. 3. 6 - 93. 3. 20	4

Development Cooperation (Investment and Financing Examination and Surveys)

CASE	DURATION	PERSON ENGAGED
The Project of Japan-Brazil Cooperation Program for the Agricultural Development of the Cerrado Region	92. 4.24 - 92. 5. 4	3

CASE	DURATION	PERSON ENGAGED
The Pilot Project for Culture of Pfaffia	92.11.16 - 92.11.28	2
The Açailandia Experimental Afforestation Project	92. 9. 7 - 92. 9.21	3

#### Development Cooperation (Expert Dispatch)

CASE	TECHNICAL GUIDANCE
The Project of Japan-Brazil Cooperation Program for the Agricultural Development of the Cerrado Region	For irrigation and tissue culture

#### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Culture of Plant System	92. 5.11 - 92.11.81	1	The Project of Japan-Brazil Cooperation Program for the Agricultural Development of the Cerrado Region
Agriculture in General	92.10.19 - 92. 10.31	16	The Project of Japan-Brazil Cooperation Program for the Agricultural Development of the Cerrado Region
Remote Sensing Technologies	93. 3.27 - 93. 4.28	1	The Project of Japan-Brazil Cooperation Program for the Agricultural Development of the Cerrado Region
General Study in Forestry	92. 8.24 - 92. 9.25	3	The Açailandia Experimental Afforestation Project

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Training Center for Mine Pollution Control	16	11	189,240	90. 6. 28 - 94. 6. 27

||||||| Energy |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Pilão Waterfall Hydroelectric Power Development Project	Electric Corporation of Santa Catalina (CELESC)

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The SENAI/SP Manufacturing Automation Center	35	12	506,360	90. 6.28 - 95. 6.27
The Project for Development of Material Technology	4	2	0	92.12.15 - 97.12.14

||||||| Public Health & Medicine |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Immunopathology Center of the Federal University of Pernambuco	84	23	528,408	84. 5.25 - 92. 5.24
The Gastroenterological Diagnosis and Research Center of the State University of Campinas	15	12	234,644	90. 7. 6 - 95. 7. 5

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Medical Equipment	22,469	Paulista Medical Faculty

LATIN AMERICA

# Chile

## Public Works & Utilities

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Digital Telecommunication Training Center	4	2	3,332	92. 7.27 - 97. 7.26

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development of Water Resources in Northern Chile	Ministry of Public Works
The Study on the Rehabilitation and Conservation Program of Bridges	Ministry of Public Works

## Agriculture, Forestry & Fisheries

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Plant Genetic Resources Conservation Project	28	20	266,022	89. 1. 1 - 93. 12.31
The Project for the Flood Control Aforestation in Semi-arid Area	4	0	23,373	93. 3. 1 - 98. 2.28

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Forest Resources Management Study	The Institute of Forestry

||||||| Mining & Industry |||||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Economic Geology Research Project at the University of Concepcion	44	10	756,850	89.10. 1 - 94. 9.30

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Resource Development in the Cero Negro Area	National Corporation of Mines

||||||| Public Health & Medicine |||||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Digestive Organs Cancer Project	15	7	153,696	91. 1. 1 - 95.12.31

Colombia

||||||| Public Works & Utilities |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Urban Transport Study in the City of Cartagena	Urban Development Corporation in Cartagena City of Indias

LATIN AMERICA

||||||| Agriculture, Forestry & Fisheries |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Promotion of Artisanal Fisheries	46,173	Integral District Development Fund, Ministry of Agriculture

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Irrigated Agriculture Development Project in Sloping Areas	3	3	50,097	91.10. 1 - 96. 9.30

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Forest Resources Management Study	National Institute of Renewable Natural Resources and Environment (INDERENA)

||||||| Mining & Industry |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Repairs of Hull and Engine	21,064	PESTOLU Fisheries Corporation, Industrial Promotion Agency

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project on Recovery of Precious Metals from Vein-Type Complex Ores	2	4	0	92. 3.31 - 95. 3.30

Public Health & Medicine

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Medical Equipment Improvement Project	391 (85)	Follow-up Study

Costa Rica

Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Development of Three International Airports	Ministry of Public Work and Transportation

Agriculture, Forestry & Fisheries

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
The Data Processing Equipment for Irrigation	37,462	National Service Agency of Irrigation and Drainage of Subterranean Water

Energy

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Piri Hydroelectric Power Development Project	Institute of Electricity of Costa Rica

||||||| Human Resources Development |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Technical Instructor and Personnel Training Center for Industrial Development of Central America	9	6	49,788	92. 9. 1 - 97. 8.31

**Dominican Republic**

||||||| Public Works & Utilities |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Groundwater Development Project in the Western Region	National Institute of Potable Water and Sewerage

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Gastroenterology Center Project	1,413 ( '89 - '90)	Follow-up Study
The Project for Expanding the Educational Programs of the National Television Stations	740	Basic Design Study
The Project for Waste Management in the City of Santo Domingo		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Maintenance Equipment for the Research Institute on Breeding	50,617	Ministry of Agriculture



## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Coastal Fisheries Development	388 (91)	Basic Design Study
The Increase of Food Production	300	Aptness Study of the Requested Equipment

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Pepper Culture Development Project Phase I	27	11	295,748	87. 7. 7 - 92. 7. 6
The Pepper Culture Development Project Phase II	4	2	17,034	92. 7. 7 - 97. 7. 6

## ||||||| Mining & Industry |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Quality Control of Food	5,644	Santo Domingo Autonomous University

## ||||||| Public Health & Medicine |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Research and Clinical Project for Gastroenterological Diseases	42	11	119,427	90. 1. 1 - 94. 12. 31

## Ecuador

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Water Resources Development for Chone-Porroviejo River Basins	Manabi Rehabilitation Center

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment and Maintenance of Road Systems in the Province of Pichincha	495	Aptness Study of the Requested Equipment

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Study of Irrigation Agriculture	9,719	Subsecretariat of Rural Development

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The National Aquaculture and Marine Research Center Project	10	8	105,438	90. 8. 1 - 95. 7.31

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Tumbabiro Irrigation Project	Ministry of Agriculture and Livestock, Ecuadorian Institute of Water Resources

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of National Andes Research Center for Fish Cultivation		Basic Design Study
The Rehabilitation Project for Rural Roads in the State of Pichincha		Aptness Study of the Requested Equipment

## ||||||| Mining & Industry |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Resource Development in the Junin Area	Ecuadorian Institute of Minerals, Ministry of Energy and Mines

## ||||||| Energy |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Service Reliability Improvement of National Electrical Power System	Ecuador Electricity Board (INECEL)

**El Salvador**

## ||||||| Public Works & Utilities |||||

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction and Rehabilitation Equipment of Roads	710	Basic Design Study Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Reconstruction of Bridges on the Main National Highways		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	400	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments at Key Hospitals	656	Basic Design Study

**Guatemala**

||||||| Planning & Administration |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Provision of Equipments for Autonomous Fire Defence Teams	597	Basic Design Study

||||||| Public Works & Utilities |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Comprehensive Urban Transportation System in the Guatemala Metropolitan Area	Municipality of Guatemala

# Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Project for the Equipment of Waste Management in the Metropolitan Area	309 (91)	Basic Design Study

## ||||| Agriculture, Forestry & Fisheries |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Improvement of Breed of Vegetables and Crops	16,042	Institute of Agricultural Science and Technology

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Agricultural and Rural Development Project at Jutiapa	Ministry of Agriculture, Livestock and Food

## ||||| Agriculture, Forestry & Fisheries |||||

# Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Project for Small-scale Groundwater Irrigation in the Eastern Region of Guatemala		Basic Design Study

## ||||| Human Resources Development |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for Electronic Technology	2,637	National Institute of Electrification, INDE

Public Health & Medicine

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of Research for Control of Tropical Diseases	22	6	74,075	91.10. 1 - 96. 9.30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments for National Hospitals	673	Aptness Study of the Requested Equipment

Guyana

Agriculture, Forestry & Fisheries

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of Small-scale Coastal Fishery Port		Basic Design Study

Honduras

Public Works & Utilities

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
Erosion and Sediment Control in the Pilot River Basin Choloma	Ministry of Communication, Public Works and Transportation
The Master Plan Study on Rural Telecommunications Net- work Project	Honduras Telecommunications Corporation
The Study on the Improvement of the Ports	Ministry of Communication, Public Works and Transportation

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Waste Management Services at the Metropolitan Area	535	Basic Design Study

## ||||||| Agriculture, Forestry & Fisheries |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Agricultural Development Training Center	37	28	426,679	83. 7. 1 - 92. 6.30

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Model Project for Integrated Development of Rural Areas	1,676 (85 - '86)	Follow-up Study
The Increase of Food Production	400	Appiness Study of the Requested Equipment Expediting of Execution

## ||||||| Energy |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Amplification Project of El Cajon Hydroelectric Power Plant	Honduras Corporation of Electricity

LATIN AMERICA

||||||| Human Resources Development |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Training Equipment for Electronic Technology	2,660	National School for Vocational Training in La Ceiba
Equipment for the Research and Education of Material Science	74,067	National Autonomous University in Honduras

||||||| Public Health & Medicine |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project on the Fortification of Nursing Education	15	8	217,553	90. 9. 1 - 95. 8.31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Hospital Systems	1,067	Basic Design Study

Mexico

||||||| Planning & Administration |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Combustion Technologies for the Air Pollution Control of Stationary Sources in the Metropolitan Area of the City of Mexico	National Institute of Ecology Department of Federal District Mexican Petroleum Mexican Institute of Petroleum



Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Observation Equipment for the Survey of Volcanic Activities (Portable type)	9,486	National Autonomous University of Mexico (UNAM)

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Earthquake Disaster Prevention Project	61	12	162,872	90. 4. 1 - 95. 3.31
The Educational Television Training Center	21	7	598,081	91. 4. 1 - 96. 3.31

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Construction of Earthquake Disaster Prevention Center	1,246 ('88)	Follow-up Study

Agriculture, Forestry & Fisheries

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Development of Rice Crops	38,213	National Institute of Forestry, Agricultural and Livestock Research (INIFAP)

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Agricultural Development in Mining Towns in the Arid Areas	33	9	178,008	90. 3. 1 - 95. 2.28

# Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Establishment of the Research Institute on Fisheries at Ciudad del Carmen	540	Basic Design Study

## ||||||| Mining & Industry |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Mineral Processing Plant Operation Technology	8	4	277,660	92. 8.17 - 96. 8.16

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Resource Development in the Tejupilco Area	Council of Mineral Resources

## ||||||| Energy |||||

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on Rehabilitation of Mazatepec Hydroelectric Power Station	Electric Power Agency of the United Mexican States

Public Health & Medicine

Project-type Technical Cooperation

*Cumulative operations since each project started				
PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Family Planning and Maternal and Child Health Project	4	4	81,817	92. 4. 1 - 97. 3.31

Nicaragua

Public Works & Utilities

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Seismography	89,868	Nicaragua Institute of Territorial Studies

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Water Supply Project in Managua	Nicaragua Institute of Water Supply and Drainage
The Road Improvement and Rehabilitation Study	General Direction of Road, Ministry of Construction and Transport (GDR)

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Maintenance of Road Systems	280	Aptness Study of the Requested Equipment Expediting of Execution
The Project for the Construction of Housing for the Low Income Residents	200	Aptness Study of the Requested Equipment
The Project for Development of Subterrenian Water, Water Supply in the Rural Area of Me- seta de Carazo		Basic Design Study
The Project for Reconstruction of Rural Roads in the City of Leon		Aptness Study of the Requested Equipment

||||||| Agriculture, Forestry & Fisheries |||||

Equipment Supply

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Equipment for the Basic Study for Crop Seeds	45,020	National Center for Investigation of Basic Crops

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	500	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Public Health & Medicine |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Medical Equipment	46	National Hospital of "Dr. Alejandro Davila Bolaños"

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of Medical Equipments	540	

Panama

||||||| Public Works & Utilities |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Research and Maintenance Equipment for Leakage of Water	36,275	National Institute of Aqueduct and Sewerage (IDAAN)

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project of the Telecommunication Training Center	7	10	393,336	90. 8. 1 - 94. 7.31

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Rehabilitation Plan and the Container Terminal Operation Plan at the Port of Cristobal in Panama	National Port Authority
The Feasibility Study on the Improvement of the Panama-Colon Highway	Ministry of Public Works
The Study of Alternatives to the Panama Canal	The Commission for the Study of Alternatives to the Panama Canal

## ||||||| Agriculture, Forestry & Fisheries |||||

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Construction of Mararon Fish Market		Basic Design Study

## Paraguay

## ||||||| Public Works & Utilities |||||

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Educational Equipment for the Technique for Running Ships	51,428	Ministry of Public Works

## Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Telecommunication Training Center	4	3	10,199	92. 4. 1 - 97. 3.31

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
Study on the Establishment of Educational Television Broadcasting	Ministry of Education and Culture and Administration of Telecommunications
The Study on the Solid Waste Management for Metropolitan Area of Asuncion	Ministry of Public Health and Social Welfare
The Feasibility Study on Arterial Road Development Project	Ministry of Public Works and Communications

## Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Expansion of the Institutes of Electronics and Telecommunications	949	Basic Design Study

## ||||||| Agriculture, Forestry & Fisheries |||||

## Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Analytical Equipment for the Harmful Ingredients of Meat	55,672	Ministry of Agriculture and Livestock
Equipment for the Development and Improvement of Farm Machines and Implements	17,257	Caacupe School of Agromechanics
Equipment for Feed Production	19,233	Ministry of Agriculture and Livestock (PROVIEGA)

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Re-afforestation Project in Capilbary, Central Paraguay	27	18	272,099	87. 6.25 - 94. 12.24
The Main Grain Crops Produc- tion Project	18	11	160,698	90. 6. 1 - 95. 5.31
The Agricultural Statistics Project	21	8	199,486	90. 3. 1 - 95. 2.28
The Marketing Improvement Project on Vegetables and Fruits	16	6	94,046	91. 3. 6 - 96. 3. 5

### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Master Plan Study on the Integrated Agricultural and Livestock Development Project at Lower Chaco	Ministry of Agriculture and Livestock

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Expansion of Faculty of Veterinary	340 (85)	Follow-up Study
The Increase of Food Production	350	Aptness Study of the Requested Equipment Expediting of Execution

## ||||||| Mining & Industry |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Quality Control Project for Textile Industry	6	4	267,356	92. 2.28 - 97. 2.27

Public Health & Medicine

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Medical Equipment	26,852	Faculty of Medical Science, National University of Asuncion

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Research Project on Chagas Disease and Other Parasitic Diseases	65	17	222,244	88. 3. 4 - 93. 3. 3

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Medical Center in the District of Amanbai	1,406 ('84 - '85)	Follow-up Study
The Project for the Improvement of Medical Emergency Equipment		Aptness Study of the Requested Equipment

Peru

Planning & Administration

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Data Processing Equipment for Election	74,304	National Jury for Election



Public Works & Utilities

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Japan-Peru Earthquake and Disaster Mitigation Research Center	60	42	793,876	86. 6.26 - 93. 6.25

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Topographic Mapping of Lima Metropolitan Area	National Geographical Institute

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Provision of Road Construc- tion Equipments	991	Aptness Study of the Requested Equipment
The Project for the Provision of Water Supply Wagons	547	Aptness Study of the Requested Equipment
The Project for the Supply of Road Construction Machineries		Aptness Study of the Requested Equipment

Agriculture, Forestry & Fisheries

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Management of Sultry Conditions	48,242	National Institute of Agricultural and Agroindustrial Investigation
Equipment for the Export Food Test	8,425	Public Corporation for Certification of Marine Product of Peru (CERPER)
Equipment for the Study of Tropical Fruit Trees	1,802	National Institute of Agriculture in Iquitos, Minisry of Agriculture

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Vegetable Cultivation Technique Center Project	33	22	321,880	86. 4. 7 - 93. 4. 6
The Project for Paita Fisheries Training Center	16	17	237,921	88. 8.25 - 93. 8.24

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food Production	600	Aptness Study of the Requested Equipment

## Human Resources Development

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Reconstruction of Educational Facilities	300	Aptness Study of the Requested Equipment

## Public Health & Medicine

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Peru Family Planning and Maternal and Child Health Project	12	9	278,539	89.10. 6 - 94.10. 5

## Saint Lucia

### ||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Fish Landing-base	738	Basic Design Study

## Saint Vincent

### ||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Construction of Fisheries Center in the Grenadines		Basic Design Study

## Trinidad and Tobago

### ||||| Mining & Industry |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Pollution Prevention and Control within the Petroleum Sector	Ministry of Energy and Energy Industries

## Uruguay

### ||||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Feasibility Study on the Development of Montevideo Port	National Administration of Port

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Fruit-Trees Research Project	32	20	242,309	86. 7.28 - 93. 7.27
The Project for Forest Tree Improvement	3	0	2,321	93. 3.10 - 98. 3. 9

### ||||||| Mining & Industry |||||

#### Project-type Technical Cooperation

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Plastic Testing Project	14	5	257,566	91.3. 21 - 95.3. 20

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Garment Industry Development Program	Ministry of Industry, Energy and Mining

||||||| Public Health & Medicine |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Research Equipment for Echinococcus Symptoms	33,099	Institute of Hygiene, National University of Medicine

Venezuela

||||||| Public Works & Utilities |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Comprehensive Improvement on the Apre River Basin	Ministry of Environmental Affairs and Natural Resources

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Establishment of the Coke Plant	Investment Fund in Venezuela
The Feasibility Study on Tachira Coal Mine Development Project	Southwest Carbon Corporation

LATIN AMERICA

## [OCEANIA]



### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Groundwater Development in North Viti Levu	Ministry of Energy and Mineral Resources, Mineral Resources Department

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Construction of the New Fiji Nursing School	813 (85)	Follow-up Study

### Agriculture, Forestry & Fisheries

#### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Improvement of Rice Cultivation Technology Project	51	20	352,846	85. 4.18 - 93. 8.17

### Mining & Industry

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for the Technology of Vehicle Maintenance	8,086	Fiji Police Force

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Resource Development in the Viti Levu	Mineral Resources Department, Ministry of Energy and Mineral Resources

## Human Resources Development

### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Teaching Equipment for the Practice of Engineering	16,377	Principal, Fiji Institute of Technology
Equipment for the Audio-Visual Training	9,455	South Pacific Commission
Teaching Equipment for Photoengraving	8,935	Fiji Institute of Technology

## Public Health & Medicine

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Redevelopment of the Fiji School of Medicine and the Colonial War Memorial Hospital	1,015	Basic Design Study

## Kiribati

## Agriculture, Forestry & Fisheries

### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Small-Scale Fishery Promotion Project in the South Pacific Area		Basic Design Study
The Project for the Promotion of Small-Scale Fisheries in South Tarawa and Tabiteuea South	211	Basic Design Study

||||||| Energy |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Utilization of Photovoltaics for Rural Electrification	Ministry of Works & Energy

||||||| Public Health & Medicine |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Upgrading of Water Supply System in Tugaru Central Hospital	196	Basic Design Study

**Marshall Islands**

||||||| Public Works & Utilities |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
Project for the Improvement of Radio Station Facilities	315 ('85)	Follow-up Study

||||||| Agriculture, Forestry & Fisheries |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of the Marketing System for Marine Products from Remote Islands	300	
The Project for Rehabilitation of Channel and Bridge for Local Fishing Boats	288	Basic Design Study



## Micronesia

### Public Works & Utilities

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Extension of Weno Harbour in Chuuk State		Basic Design Study

### Agriculture, Forestry & Fisheries

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Small-Scale Fishery Promotion Project in the South Pacific Area		Basic Design Study
The Project for the Improvement of Pohnpei Artisanal Fisheries Support Station	100	Basic Design Study

### Energy

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Electric Utilities Upgrading	103	Basic Design Study

## Papua New Guinea

### Public Works & Utilities

#### Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for the Survey of Earthquakes	8,768	Rabaul Volcano Observatory

## Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Port Moresby Water Supply Development Plan	National Capital District Commission

## ||||||| Agriculture, Forestry & Fisheries |||||

### Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Forest Research Project	42	14	162,129	89. 4. 1 - 94. 3.31

### Development Cooperation (Evaluation Survey for the Effect of District Development)

CASE	DURATION	PERSON ENGAGED
Evaluation for the Construction of Related Infra-facilities on Open Bay Reforestation Project	93. 3. 8 - 93. 3.20	5

### Development Cooperation (Training)

CASE	DURATION	COUNTERPART (Person)	RELATED PROJECT
Afforestation and Collection of Woods	92. 9. 6 - 92.10.31	2	Open Bay Reforestation Project
Afforestation and Collection of Woods	92. 9. 6 - 92.10.31	2	Open Bay Reforestation Project
Mechanical Engineering for Forestry	92. 9. 6 - 92.10.31	2	Hoskins Trial Reforestation Project
Mechanical Engineering for Forestry	92. 9. 6 - 92.10.31	2	Madang Trial Reforestation Project

||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Mineral Resources in South Pacific Offshore Area	South Pacific Applied Geoscience Commission

||||| Human Resources Development |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Literacy Materials Development Project	77	Aptness Study of the Requested Equipment

||||| Public Health & Medicine |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Provincial Hospital Redevelopment Project (Phase II)	1,641	Basic Design Study

Solomon Islands

||||| Public Works & Utilities |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project of Reconstruction of Guadalcanal Plains Bridges in Solomon Islands		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Improvement of Nationwide Fish Marketing System	Ministry of Natural Resources

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Small-Scale Fishery Promotion Project in the South Pacific Area		Basic Design Study
The Project for Procurement of Equipment for Improving Container Handling System in Noro	84	Basic Design Study

||||||| Public Health & Medicine |||||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER-PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
The Project for Promotion of Primary Health Care	13	4	35,507	91. 9. 1 - 96. 8.31

Tonga

||||||| Public Works & Utilities |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Construction of Tonga Babau High School and Primary School	800 ('80 - '83)	Follow-up Study
The Project for Provision of a Port Service Vessel		Basic Design Study

||||||| Agriculture, Forestry & Fisheries |||||

Project-type Technical Cooperation

\*Cumulative operations since each project started

PROJECT	*EXPERT DISPATCH (Person)	*COUNTER- PART (Person)	*EQUIPMENT SUPPLY (¥Thousand)	DURATION
Aquaculture Research & Development Project	10	1	42,629	91.10. 1 - 96. 9.30

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Construction of Fishery Research Center	400 (77)	Follow-up Study

||||||| Human Resources Development |||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Improvement of the Outer Islands Secondary Schools Facilities	510	Basic Design Study

||||||| Public Health & Medicine |||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Medical Equipment	9,270	Vaiola Hospital, Ministry of Health

## Vanuatu

### ||||||| Energy |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Sarakata River Hydroelectric Power Development		Basic Design Study

## Western Samoa

### ||||||| Public Works & Utilities |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rehabilitation and Improvement of Cyclone-Damaged Ports and Foreshore Protection	916	Basic Design Study

### ||||||| Agriculture, Forestry & Fisheries |||||

#### Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Increase of Food production	150 (91)	Aptness Study of the Requested Equipment Expediting of Execution

||||||| Energy |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Rural Electrification in Western Samoa	534	Basic Design Study

||||||| Human Resources Development |||||||

Equipment Supply

EQUIPMENT	EXPENSES (¥Thousand)	FACILITIES
Equipment for Vehicle Maintenance	26,320	Western Samoa Technical Institute

||||||| Public Health & Medicine |||||||

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Reconstruction of District Hospital	570 (82)	Follow-up Study
The Project for the Rebuilding of Tuasivi Hospital Asa New Base Hospital for Souaia Island in Western Samoa		Basic Design Study

Cook Islands

||||||| Public Works & Utilities |||||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Coastal Protection and Port Improvement in the Cook Islands	Ministry of Planning and Economic Development

Palau
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Public Works & Utilities

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for Improvement of Water Supply	373	Basic Design Study

Agriculture, Forestry & Fisheries

Grant Aid

CASE	EXPENSES (¥Million)	ACTIVITIES CONDUCTED BY JICA
The Project for the Promotion of Small-Scale Coastal Fisheries	96	Aptness Study of the Requested Equipment Basic Design Study



[EUROPE]

**Bulgaria**

||||||| Public Works & Utilities |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Solid Waste Management for the Territory of the Sofia Greater Municipality	The Sofia Greater Municipality

||||||| Energy |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Rational Use of Energy	Ministry of Industry

**Czech and sovak**

||||||| Energy |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Flue Gas Desulphurization for P.S. Melnic	Czech Energy Works (CEZ)

## Hungary

### ||||| Planning & Administration |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on an Integrated Air Pollution Control Plan for Sajo Valley Area	Ministry of Environment and Regional Policy

### ||||| Public Works & Utilities |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Municipal Solid Waste Management in Budapest	Budapest Capital City Government

### ||||| Energy |||||

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on the Rational Use of Energy	Ministry of Industry and Trade, State Authority for Energy Management and Safety

### ||||| Others |||||

#### Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
The Project Finding Survey in Hungary and Poland	92. 6.13 - 92. 6.24	3

## Poland

### Public Works & Utilities

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
Study on the Solid Waste Management for Poznam City	Poznam City
The Study on the National Transport Plan	Ministry of Transport and Maritime Economy (MOTME)

### Others

#### Development Cooperation (Investment and Financing Examination and Survey)

CASE	DURATION	PERSON ENGAGED
The Project Finding Survey in Hungary and Poland	92. 6.13 - 92. 6.24	3

## Portugal

### Mining & Industry

#### Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Industrial Development Promotion Study of Aveiro-Viseu Region	Trading Institute of Portugal

Romania

||||||| Mining & Industry |||||

Development Study

NAME OF DEVELOPMENT STUDY	EXECUTING AGENCY OF THE RECIPIENT
The Study on Environmental Pollution Control and Energy Saving in the Integrated Iron and Steel Works "SIDEX" S.A. Galati in Romania	Ministry of Industries