

## **Part IV**

# **Fiscal 2000 Results**

## Section 1 Statistics on Program Results

### Interpreting the Statistics

The following survey of operations shows statistics relating to personnel and costs of JICA's operations in fiscal 2000. The methods of calculation and the range of figures are as follows:

- When categorized according to region, figures for bilateral cooperation are based on classification into six regions. In the case of cooperation spread over two or more regions, the figures are given as "unclassified."
  - Asia (including Central Asia and Caucasia, excluding the Middle East);
  - Middle East (to Afghanistan in the east and the Sahara Desert in the south);
  - Africa (excluding the Middle East);
  - North America and Latin America;
  - Oceania; and
  - Europe.
- The programs are classified into the following five types in regard to the program results by the number of participants:
  - Acceptance of technical training participants;
  - Dispatch of experts;
  - Dispatch of study teams;
  - Dispatch of Japan Overseas Cooperation Volunteers (JOCV); and
  - Dispatch of other volunteers
- Sectoral classification employs the following 10 categories:
  - Planning/administration;
  - Public works/utilities;
  - Agriculture/forestry/fisheries;
  - Mining/industry;
  - Energy;
  - Business/tourism;
  - Human resources;
  - Health/medical care;
  - Welfare; and
  - Others
- Costs are those disbursed in fiscal 2000 and represent the total for the year's budget, together with the deferred budget.
- See the JICA Annual Report 2001 Statistical Appendix CD-ROM for detailed country-specific results.

**Table 4-1** Outline of JICA Operations

Content of Cooperation	FY 2000	FY 1999 (reference)
1. Japan's Total ODA (calendar year, provisional figures for FY2000, including aid for Central and Eastern Europe and graduate nations, etc.)	US\$12.99 billion (¥1.4003 trillion)	US\$15.385 billion (¥1.7524 trillion)
2. JICA's Technical Cooperation Expense (excluding administrative costs)	¥157.2 billion	¥149.5 billion
3. Recipient Countries and Regions	154 countries, 4 regions	151 countries, 4 regions
4. Technical Training Participants (new)	17,513	17,903
5. Experts Dispatched (new)	3,381	4,003
6. Members of Study Teams Dispatched (new)	9,428	8,818
7. JOCV Dispatched (new)	1,370	1,290
8. Other Volunteers Dispatched (new)	276	202
9. Project-type Technical Cooperation Projects	239 (58 countries)	232 (58 countries)
10. Development Study Projects	243 (79 countries)	251 (81 countries)
11. Grant Aid Projects	249 (84 countries)	241 (79 countries)
12. Dispatch of JDR, Provision of Emergency Relief Supplies	10 (8 countries)	33 (18 countries)

Notes: 1. There are 13 graduate countries and regions for Item 1 above. They are Brunei, the Republic of Korea, Singapore, Hong Kong, Macao, Israel, Qatar, Kuwait, Libya, the United Arab Emirates, the Bahamas, New Caledonia and Cyprus.  
 2. The four regions for Item 3 above for fiscal 2000 are East Timor, Palestine, the Cook Islands and Niue.  
 3. Figures for Project-type Technical Cooperation are indicated on an F/D basis.  
 4. Figures for Development Study are for projects involving preparatory studies, main studies, report explanations, etc.  
 5. Figures for Grant Aid are for projects (expedited by JICA) approved by the Cabinet in fiscal 2000 and signed (E/N) by the end of June 2001.  
 6. Figures for Dispatch of JDR, Provision of Emergency Relief Supplies represent the number of disasters for which aid was provided (In the case that multiple countries received aid due to a single cause, the number of countries is represented).

## Numbers of Persons Involved in Technical Cooperation by Type and Program

**Table 4-2** Numbers of Persons Involved in Technical Cooperation by Type and Program

Type/Program	Region	Asia	Middle East	Africa	North America Latin America	Oceania	Europe	Unclassified	Total
Technical Training Participants	Technical Training	3,833	708	1,081	1,238	258	328		7,446
	Cost-sharing Training	20	5		19				44
	Third-country Training	1,095	192	434	458	64	71	1	2,315
	Local In-country Training	5,101		341	235	73			5,750
	Training at Expense of Partner Country	2							2
	International Organizations	20	15		1				36
	Training at Development Cooperation	20							20
	Emigration				88				88
	Youth Invitation Program	1,363	36	120	50	88			1,657
	Japanese Community Training				155				155
	Total	11,454	956	1,976	2,244	483	399	1	17,513
	Experts Dispatched	Individual Technical Cooperation Experts	775	99	78	176	24	61	
Dispatch at Expense of Partner Country			2						2
Community Empowerment Program		3							3
Third-country Expert Dispatch		35	5	9	72	2			123
Overseas Technical Trainers		105	18	7	25		3		158
International Organizations		12		1					13
Project-type Technical Cooperation		1,053	167	136	308	10	20		1,694
Development Cooperation		32			1				33
Grant Aid		1		2			1		4
Disaster Relief Aid		42			18				60
Promotion of Aid Effectiveness and Efficiency		37	3	13	20	3	2		78
Total		2,095	294	246	620	39	87		3,381
Members of Study Teams Dispatched	Technical Training	105	11	25	34	2	8	18	203
	Overseas Technical Cooperation	212	55	28	70	16	8	16	405
	Development Studies	1,891	381	551	486	45	154	39	3,547
	Overseas Development Study	799	104	71	118	14	54	2	1,162
	Basic Study on Resources Development Cooperation	55	17	12	69	13			166
	Project-type Technical Cooperation	610	96	99	226	8	5	13	1,057
	Welfare of Experts	18	1	11	8	5	7	24	74
	Recruitment and Training of Qualified Persons	1						1	2
	Grant Aid	631	128	552	187	92	89	12	1,691
	Development Cooperation	85	3		27	3			118
	JOCV	39	8	29	28	15	5	2	126
	Emigration Service Program				11			4	15
	Disaster Relief Aid	5		2	4		5	2	18
	Promotion of Aid Effectiveness and Efficiency	382	45	125	183	3	84	22	844
Total	4,833	849	1,505	1,451	216	419	155	9,428	
JOCV	Regular Volunteers	328	96	318	347	128	36		1,253
	Senior JOCV	45	8	23	21	12	3		112
	Coordinators	1		1		2	1		5
	Total	374	104	342	368	142	40		1,370
Other Volunteers	Senior Volunteers	86	29		57	14			186
	Senior Cooperation Experts for Overseas Japanese Communities				20				20
	UN Volunteers	8		1	4	1			14
	Japan Overseas Development Youth Volunteers				56				56
	Total	94	29	1	137	15			276
<b>Grand Total</b>		<b>18,850</b>	<b>2,232</b>	<b>4,070</b>	<b>4,820</b>	<b>895</b>	<b>945</b>	<b>156</b>	<b>31,968</b>

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**Fiscal 2000 Results**

**1 Statistics on Program Results/  
Numbers of Persons Involved in Technical Cooperation by Type and Program**

## Numbers of Persons Involved in Technical Cooperation by Region

**Table 4-3** Numbers of Persons Involved in Technical Cooperation by Region / 1 Asia

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources						
			Development Planning	Administration	Public Utilities	Transport/ Traffic	Social Infrastructure	Construction/ Reconstruction	Agriculture	Animal Husbandry	Forestry	Fisheries	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care	Welfare	Others	
Technical Training Participants	New	11,454	1,254	2,068	289	247	286	485	671	103	171	96	47	544	256	458	57	2,630	30	1,365	390	27	
	Continuing	609	37	43	6	21	12	2	187	22	9	8	11	36	10	3	47	13	132	10			
	Total	12,063	1,291	2,111	275	268	298	487	858	125	180	104	58	580	266	461	57	2,677	43	1,497	400	27	
Experts Dispatched	Short-Term	New	1,688	40	264	35	119	95	53	152	36	53	25	49	88	34	40	4	212	16	289	56	287
		Continuing	215	15	13	9	21	10	13	13	7	10	11	4	12	14	4	33	4	15	3	4	4
		Total	1,903	55	277	44	140	105	66	165	43	63	36	53	100	48	44	4	245	20	304	59	32
	Long-Term	New	407	39	54	6	30	23	6	45	15	22	11	1	13	18	7	2	36		50	17	16
		Continuing	820	58	78	25	50	58	22	141	29	49	17	21	68	12	11	2	49	5	92	11	22
		Total	1,227	97	129	31	80	81	28	186	44	71	28	22	81	30	18	4	85	5	142	28	37
	Total	New	2,095	79	315	41	149	118	59	197	51	75	36	50	101	52	47	6	248	16	339	73	43
		Continuing	1,035	73	91	34	71	68	35	154	36	59	28	25	80	26	15	2	82	9	107	14	26
		Total	3,130	152	406	75	220	186	94	351	87	134	64	75	181	78	62	8	330	25	446	87	69
	Members of Study Teams Dispatched	New	4,833	394	405	482	638	283	41	448	56	198	34	116	401	270	23	25	223	25	276	39	458
		Continuing	229	36	16	46	47	27	8	17		10	3		1						12		6
		Total	5,062	430	421	528	685	310	49	465	56	208	37	116	402	270	23	25	223	25	288	39	462
JOVC	New	374		51		6	2	37	11	8	7	1	30			1	117	30	69		4		
	Continuing	666		79	5	18	3	100	28	16	8	1	69		1	2	166	35	111		4		
	Total	1,040		130	5	24	5	137	39	24	15	2	99		1	3	303	65	180		8		
Other Volunteers	New	94	6		4	5	2	14		1	2	1	19		16	2	9	2	6	4	1		
	Continuing	85	5	3		6	3	11	1		2		14	1	6		10	8	4	2	9		
	Total	179	11	3	4	11	5	25	1	1	4	1	33	1	22	2	19	10	10	6	10		

**Table 4-4** Numbers of Persons Involved in Technical Cooperation by Region / 2 Middle East

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources						
			Development Planning	Administration	Public Utilities	Transport/ Traffic	Social Infrastructure	Construction/ Reconstruction	Agriculture	Animal Husbandry	Forestry	Fisheries	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care	Welfare	Others	
Technical Training Participants	New	956	28	212	32	66	56	21	46	12	4	44	18	91	68	41	10	101	17	74	15		
	Continuing	150		21		9	5		12	2		30	1	17	30			3	2	18			
	Total	1,106	28	233	32	75	61	21	58	14	4	74	19	108	98	41	10	104	19	92	15		
Experts Dispatched	Short-Term	New	229	9	31	10	14	5	1	23	2	1	14	7	9	2	3	48	1	39	5	4	
		Continuing	28	2		1	5			1			3		1	1	1	7		2		4	
		Total	257	11	31	11	19	6	1	24	2	1	17	7	10	3	4	55	1	41	5	8	
	Long-Term	New	65	1	4	4	3	1		4	3		3	1	6	4	2	1	15		10	2	1
		Continuing	131	5	10	11	9	1		16	1		15	9	8	4	2	1	20		19		
		Total	196	6	14	15	12	2		20	4		18	10	14	8	4	2	35		29	2	1
	Total	New	294	10	35	14	17	7	1	27	5	1	17	8	15	6	5	1	63	1	49	7	5
		Continuing	159	7	10	12	14	1		17	1		18	9	9	5	3	1	27		21		4
		Total	453	17	45	26	31	8	1	44	6	1	35	17	24	11	8	2	90	1	70	7	9
	Members of Study Teams Dispatched	New	849	2	24	73	163	136		58			32	65	48	47	2	39	54	6	49	12	39
		Continuing	72			14	4	31		11			3		8		1		6		49	12	39
		Total	921	2	24	87	167	167		69			35	65	56	47	3	39	60	6	98	24	78
JOVC	New	104		19		4		2	2		1		8			1	26	21	16	1	1		
	Continuing	152		25		8		2			3		15			1	39	23	35				
	Total	256		44		12		4	2		4		23			2	67	44	51	2	1		
Other Volunteers	New	29	7		2	1	2	2					6	2	1		2	2	2				
	Continuing	14	1		1		1	1	1				3				2		1		3		
	Total	43	8		3	1	3	3	1				9	2	1		4	2	3		3		

**Table 4-5 Numbers of Persons Involved in Technical Cooperation by Region / 3 Africa**

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities					Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources			Others	
			Development Planning	Admin. Services	Public Utilities	Transport/ Traffic	Social Infrastructure	Construction/ Housing	Agriculture	Animal Industries	Fishery	Forestry	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care		Welfare
Technical Training Participants	New	1,976	110	196	14	70	62	95	305	73	41	57	4	56	14	98	12	402	3	346	18	
	Continuing	119		13		3	8	12	25	10	1	13	2	4	1			9		18		
	Total	2,095	110	209	14	73	70	107	330	83	42	70	6	60	15	98	12	411	3	364	18	
Experts Dispatched	Short-Term	New	163	9	10	2		3	1	21	7	4	8					50		39	2	5
		Continuing	22		1	1			1	7		1	3					2	1	1	1	1
		Total	165	9	11	3		3	2	28	7	5	11					52	1	40	3	6
	Long-Term	New	83	10	1	4	2	2	2	6	1	4	8					15		16		11
		Continuing	220	17	11	3	7	2	3	39	3	14	22	1	2	4	1	37	3	39		12
		Total	303	27	12	7	9	4	5	45	4	18	30	1	2	4	1	52	3	55		23
Total	New	246	19	11	6	2	5	3	27	8	8	16			2	1	65		55	2	16	
	Continuing	242	17	12	4	7	2	4	46	3	15	25	1	4	4	1	39	4	40	1	13	
	Total	488	36	23	10	9	7	7	73	11	23	41	1	4	6	1	104	4	95	3	29	
Members of Study Teams Dispatched	New	1,505	91	4	189	125	120	16	196	3	86	131	12	6	75		194		149	2	106	
	Continuing	95	18	4	8	2	13	4	12			13					1		9		11	
	Total	1,600	109	8	197	127	133	20	208	3	86	144	12	6	75		195		158	2	117	
JOVC	New	342		43	1		18	1	47	4	4	1		39		1	103	23	52	3	2	
	Continuing	616		84	1	1	24	4	86	13	9	9	1	70		3	4	155	62	89	1	
	Total	958		127	2	1	42	5	133	17	13	10	1	109		3	5	258	85	141	4	
Other Volunteers	New	1																			1	
	Continuing	14							3								3	2	1		3	
	Total	15							3								3	2	1		4	

**Table 4-6 Numbers of Persons Involved in Technical Cooperation by Region / 4 North America and Latin America**

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities					Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources			Others	
			Development Planning	Admin. Services	Public Utilities	Transport/ Traffic	Social Infrastructure	Construction/ Housing	Agriculture	Animal Industries	Fishery	Forestry	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care		Welfare
Technical Training Participants	New	2,244	57	309	64	110	103	84	171	156	45	109	22	148	29	154	19	269	19	337	23	16
	Continuing	223	5	13	2	19	1	2	17	6	1	10	4	21	3	14	1	20	4	89		
	Total	2,467	62	322	66	129	104	86	188	162	46	119	26	169	32	168	20	289	23	417	23	16
Experts Dispatched	Short-Term	New	488	9	56	11	37	29	2	68	38	22	29	20	28	3	5	2	14	2	91	22
		Continuing	64	1	7		3	4		16	5	2	3	1	7					12		1
		Total	552	10	63	11	40	33	2	84	43	24	32	21	35	3	7	2	14	2	103	22
	Long-Term	New	132	14	12	1	3	1		33	7	6	6	6	9				10		21	1
		Continuing	285	16	24	3	11	1	2	76	26	21	23	10	20	4	2		16	2	26	3
		Total	418	30	36	4	14	2	2	109	33	27	29	16	29	4	4		26	2	47	4
Total	New	620	23	68	12	40	30	2	101	45	28	35	26	37	3	7	2	24	2	112	22	
	Continuing	350	17	31	3	14	5	2	92	31	23	26	11	27	4	4		16	2	38	4	
	Total	970	40	99	15	54	35	4	193	76	51	61	37	64	7	11	2	40	4	150	22	
Members of Study Teams Dispatched	New	1,451	120	28	129	39	85	1	220	30	104	98	102	73	61	4	21	52	3	83	10	188
	Continuing	64	25		15				7			9		1	1					1		5
	Total	1,515	145	28	144	39	85	1	227	30	104	107	102	74	62	4	21	52	3	84	10	193
JOVC	New	368		47	1	1	5	2	52	12	7	5		30		2	1	83	25	82	8	5
	Continuing	649		75	6	1	22	3	97	18	21	17		53		1	1	154	62	108	1	9
	Total	1,017		122	7	2	27	5	149	30	28	22		83		3	2	237	87	190	9	14
Other Volunteers	New	137		14	1	2	3	1	14	1	1	1	1	10				55	6	9	7	9
	Continuing	238		22	2		2		11	1	1	1	1	12	2	1	1	125	11	11	12	23
	Total	375		36	3	2	5	1	25	2	2	2	1	22	2	3	1	180	17	20	19	32

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Fiscal 2000 Results

1 Statistics on Program Results/  
Numbers of Persons Involved in Technical Cooperation by Region

**Table 4-7** Numbers of Persons Involved in Technical Cooperation by Region / 5 Oceania

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources					
			Development Planning	Admin- istration	Public Utilities	Transport/ Traffic	Social Infrastructure	Com- mercial/Processing	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care	Welfare	Others
Technical Training Participants	New	483	11	68	5	31	16	36	20		3	107	2	7	5	15	10	104	1	34	8	
	Continuing	28	2			2			5		1	7		4	1				1	5		
	Total	511	13	68	5	33	16	36	25		4	114	2	11	6	15	10	104	2	39	8	
Experts Dispatched	Short-Term	New	20	1	3	2	3			1		3	6								1	
		Continuing	3										3									
		Total	23	1	3	2	3			1		3	9								1	
	Long-Term	New	19	2	4		1		1	1		1	6			1					1	1
		Continuing	15	1	1		2					2	2	1		1	1		2		1	1
		Total	34	3	5		3		1	1		3	8	1		2	1		2		2	2
	Total	New	39	3	7	2	4		1	2		4	12			1					2	1
		Continuing	18	1	1		2					2	5	1		1	1		2		1	1
		Total	57	4	8	2	6		1	2		6	17	1		2	1		2		3	2
Members of Study Teams Dispatched	New	216	1	2	11	29	30				28	18		30		15	7		20		25	
	Continuing	25		1		9					3	1				9					2	
	Total	241	1	3	11	38	30				3	19		30		24	7		20		27	
JVC	New	142		26	1		4	2	12	2	2	3		7			54	5	21		1	
	Continuing	297		34	1		21	3	30	6	3	9		20		5	97	16	51		1	
	Total	439		60	2		25	5	42	8	5	12		27		7	151	21	72		2	
Other Volunteers	New	15		2			1		1		1		2				6	1			1	
	Continuing	13		2	2	2							2				2	1	1		1	
	Total	28		4	2	2	1		1		1		4				8	2	1		2	

**Table 4-8** Numbers of Persons Involved in Technical Cooperation by Region / 6 Europe

Type of Cooperation	Sector	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/ Fisheries				Mining/Industry		Business/ Tourism		Human Resources				
			Development Planning	Admin- istration	Public Utilities	Transport/ Traffic	Social Infrastructure	Com- mercial/Processing	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry	Energy	Business/ Trade	Tourism	Human Resources	Science/ Culture	Health/ Medical Care	Welfare
Technical Training Participants	New	399	43	83	2	6	7	1	22	6	1	14	3	16	15	126		21	3	28	2
	Continuing	5				3						1			1						
	Total	404	43	83	2	9	7	1	22	6	1	15	3	16	16	126		21	3	28	2
Experts Dispatched	Short-Term	New	71	3	16		8	2	2	2	5	2		5	5	14		6		1	
		Continuing	5		1						2	1				1					
		Total	76	3	17		8	2	2	4	6	2		5	5	15		6		1	
	Long-Term	New	16	2	6	1										6					1
		Continuing	28	4	4		1		1	5	5		1		3	3		1			
		Total	44	6	10	1	1		1	5	5		1		3	9		1			
	Total	New	87	5	22	1	8	2	2	2	5	2		5	5	20		6		1	1
		Continuing	33	4	5		1		1	7	6		1		3	4		1			
		Total	120	9	27	1	9	2	3	9	11	2	1		5	8	24		7		1
Members of Study Teams Dispatched	New	419	26	34	10	81	36		22			3		58	6		6		54	5	78
	Continuing	5				5															
	Total	424	26	34	10	81	41		22			3		58	6		6		54	5	78
JVC	New	40		8	1						1						25	1	3	1	
	Continuing	127		31			1				3		7				66	6	11		2
	Total	167		39	1		1				4		7				91	7	14	1	2
Other Volunteers	New																				
	Continuing																				
	Total																				

**Table 4-9** Numbers of Persons Involved in Technical Cooperation by Region / 7 Unclassified

Type of Cooperation	Sector	Total Personnel	Planning/Administration			Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry			Business/Tourism		Human Resources			
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Construction/Manufacturing	Agriculture	Animal Husbandry	Forestry	Fisheries	Mining	Industry	Energy	Business/Tourism	Human Resources	Human Resources	Science/Culture	Health/Medical Care	Wellness	Others
Technical Training Participants	New	1																				
	Continuing																					
	Total	1																				
Experts Dispatched	Short-Term	New																				
		Continuing																				
		Total																				
	Long-Term	New																				
		Continuing																				
		Total																				
Members of Study Teams Dispatched	New	155	26		8				14						3					15	2	87
	Continuing	2																				2
	Total	157	26		8				14						3					15	2	89
JOVC	New																					
	Continuing																					
	Total																					
Other Volunteers	New																					
	Continuing																					
	Total																					

**Table 4-10** Numbers of Persons Involved in Technical Cooperation by Region / 8 Worldwide (Total)

Type of Cooperation	Sector	Total Personnel	Planning/Administration			Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry			Business/Tourism		Human Resources				
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Construction/Manufacturing	Agriculture	Animal Husbandry	Forestry	Fisheries	Mining	Industry	Energy	Business/Tourism	Human Resources	Human Resources	Science/Culture	Health/Medical Care	Wellness	Others	
Technical Training Participants	New	17,513	1,503	2,936	386	530	530	722	1,235	350	265	427	96	862	387	893	108	3,527	73	2,184	456	43	
	Continuing	1,134	44	90	8	57	26	16	245	40	12	69	18	82	45	17	1	79	20	253	10		
	Total	18,647	1,547	3,026	394	587	556	738	1,481	390	277	496	114	944	433	910	109	3,606	93	2,437	466	43	
Experts Dispatched	Short-Term	New	2,659	71	380	60	181	135	59	267	88	85	82	76	130	46	62	6	330	19	460	85	37
		Continuing	337	18	22	11	29	14	14	39	13	13	23	5	22	15	8		42	5	30	4	10
		Total	2,996	89	402	71	210	149	73	306	101	98	105	81	152	61	70	6	372	24	490	89	47
	Long-Term	New	722	68	78	16	39	27	9	89	26	33	34	8	28	23	18	3	76		98	19	30
		Continuing	1,500	101	123	42	80	62	28	277	64	85	80	42	98	28	19	4	125	10	177	11	38
		Total	2,222	169	206	58	119	89	37	366	90	119	114	50	126	51	37	7	201	10	275	30	68
Members of Study Teams Dispatched	New	3,381	139	458	76	220	162	68	356	114	119	116	84	158	69	80	9	406	19	558	104	67	
	Continuing	1,837	119	150	53	109	76	42	316	77	99	103	47	120	43	27	4	167	15	207	15	48	
	Total	5,218	258	608	129	329	238	110	672	191	217	219	131	278	112	107	13	573	34	765	119	115	
Members of Study Teams Dispatched	New	9,428	680	497	902	1,075	690	58	958	89	388	326	313	589	489	29	100	536	34	646	70	979	
	Continuing	492	79	21	83	62	76	12	47		13	29		10	1	1	9	1		22	2	24	
	Total	9,920	739	518	985	1,137	766	70	1,005	89	401	355	313	599	490	30	109	537	34	668	72	1,003	
JOVC	New	1,370	194	4	1	37	7	150	31	22	17	1	114		2	6	410	105	243	13	13		
	Continuing	2,507	328	13	2	94	13	315	65	52	46	2	234		5	13	697	204	405	3	16		
	Total	3,877	522	17	3	131	20	465	96	74	63	3	348		7	19	1,107	309	648	16	29		
Other Volunteers	New	276	29	1	8	10	5	31	1	2	4	2	37	2	19	2	72	11	17	11	12		
	Continuing	364	30	7	3	10	4	26	3	1	3		31	3	7	1	142	22	18	14	39		
	Total	640	59	8	11	20	9	57	4	3	7	2	68	5	26	3	214	33	35	25	51		

**IV**

Fiscal 2008 Results

1 Statistics on Program Results/  
Numbers of Persons Involved in Technical Cooperation by Region

## Performance of JICA's Technical Cooperation and Japan's ODA by Country

**Table 4-11** Performance of JICA's Technical Cooperation and Japan's ODA by Country / 1 Asia

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)															
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Commitment (US\$ million)	Technical Cooperation Expenses (100 million Yen)	Type														
					Training Personnel	Experts	Study Team	Urban	JKY	Other (Others)	Number of Trainers (2000)	Phase-type Technical Cooperation (Number of projects)	Development Study (Number of projects)						
2000	2000	2000	2000	2000	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	
Armenia	8.09	0.98		2000	0.65	P 18 + 1	2 +	5 +											
				E 40,632	7,987	15,415													
Azerbaijan	5.51	6.28	24.56	2000	7.89	P 27 +		60 + 9											
				E 32,459	55	755,951													
Bangladesh	213.32	30.76	-49.90	2000	24.23	P 220 + 43	61 + 31	136 + 8	29 + 50										
				E 433,678	649,062	799,789	313,689												
Bhutan	0.86	6.30		2000	5.42	P 59 + 5	2 + 6	30 + 2	12 + 35										
				E 102,160	64,361	142,601	206,741												
Brunei		0.12		2000	0.01	P 2 +													
				E 850															
Cambodia	65.32	30.28	1.53	2000	30.61	P 311 + 11	141 + 39	204 + 1	20 + 19										
				E 456,935	1,136,622	1,033,224	162,279												
China	53.05	351.35	397.16	2000	81.97	P 1,458 + 62	261 + 78	671 + 1	45 + 70										
				E 1,648,234	2,304,511	2,576,223	468,963												
Georgia	6.53	1.62	3.20	2000	1.72	P 20 + 1	1 + 2	29 +											
				E 36,077	52,207	81,483													
India	12.34	20.48	343.31	2000	9.03	P 188 + 11	43 + 12	44 +											
				E 318,712	323,486	133,405													
Indonesia	49.79	136.15	773.43	2000	100.65	P 3,518 + 69	384 + 220	496 + 27	37 + 53	29 + 18									
				E 2,125,718	4,186,970	1,884,178	353,552	312,896											
Kazakhstan	9.60	10.27	63.79	2000	12.45	P 52 + 3	24 + 6	120 + 17											
				E 100,196	147,504	932,876													
Kyrgyz	10.46	3.43	33.77	2000	2.18	P 60 +	2 +	4 +	6 +										
				E 84,162	44,746	5,880	27,063												
Laos	73.98	33.43	5.69	2000	34.89	P 390 + 16	128 + 60	217 + 3	24 + 59	10 + 13									
				E 515,433	1,312,035	923,920	326,226	135,453											
Malaysia	1.14	62.48	-38.40	2000	37.90	P 557 + 34	83 + 54	243 + 9	15 + 53	10 + 22									
				E 1,181,356	917,409	861,142	324,033	193,468											
Maldives	5.56	2.42		2000	2.16	P 28 + 2	1 +	5 +	11 + 22										
				E 52,544	4	25,208	135,580												
Mongolia	59.61	23.36	18.59	2000	19.58	P 124 + 8	38 + 28	176 + 8	29 + 37	3 +									
				E 346,214	446,092	675,577	395,956	10,656											



Country	Japan's ODA (Jan-Dec 2009)			JICA's Technical Cooperation (FY 2009)														
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenditures (100 million yen)	Type													
					Training Participants		Experts		Study Team Members		VOV		Other Volunteers		Provision of Equipment (US\$ million)	Project-type Technical Cooperation (number of projects)	Development Study (number of projects)	
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing							
Myanmar	23.51	20.27	11.43	2000	P	225 + 17	57 + 31	136 +										
				E	422,240	551,147	347,791							254.35	1	3		
				P	2,478	894	1,021											
				<b>Cumulative Total</b>	E	5,184,418	5,809,054	4,723,357							5,777.95	16	28	
Nepal	46.69	24.08	27.74	2000	P	153 + 10	44 + 38	178 + 6	21 + 48	4 + 11								
				E	307,166	502,336	725,818	265,779	75,383					110.59	1	2		
				P	2,881	1,219	2,591	761	9									
				<b>Cumulative Total</b>	E	5,859,056	12,330,476	12,035,568	7,145,911	134,992				6,628.71	19	46		
Pakistan	7.26	12.19	265.60	2000	P	185 + 16	28 + 10	33 +	14 + 11									
				E	419,269	223,285	22,852	112,957						51.99		1		
				P	3,579	770	2,377	53										
				<b>Cumulative Total</b>	E	7,218,850	5,864,263	10,413,987	511,659					2,853.75	9	45		
Philippines	57.58	94.37	147.39	2000	P	728 + 47	190 + 133	471 + 25	41 + 67									
				E	1,199,297	2,800,628	2,223,925	461,807					908.61	1	6			
				P	13,545	3,969	10,832	1,149										
				<b>Cumulative Total</b>	E	23,289,327	39,552,973	49,500,753	9,284,797					21,146.51	54	200		
The Republic of Korea	105.53	264.60	2000	P	96 + 5	2 +	12 +											
			E	94,337	42	1,406						0.01						
			P	6,699	1,629	1,031												
				<b>Cumulative Total</b>	E	9,463,345	3,799,701	1,803,314						8,930.22	1	17		
Singapore	1.69		2000	P		18 + 5	10 +											
			E		11,439	2,534						0.66						
			P	4,817	1,329	719												
				<b>Cumulative Total</b>	E	8,123,610	7,506,801	1,708,955						3,623.99	8	15		
Sri Lanka	34.23	33.00	91.19	2000	P	309 + 22	47 + 49	184 + 31	22 + 61									
				E	582,423	743,381	891,408	391,692					191.46		4			
				P	5,074	983	2,718	534										
				<b>Cumulative Total</b>	E	10,238,889	10,325,141	11,170,942	5,129,006					6,044.63	21	57		
Tadzhikistan	0.24	1.82		2000	P	89 +												
				E	137,066													
				P		320												
				<b>Cumulative Total</b>	E		513,915											
Thailand	1.51	114.74	512.69	2000	P	1,592 + 57	278 + 154	350 +	26 + 59	32 + 15								
				E	1,421,642	2,492,303	1,059,068	372,467	304,689				959.15	2	7			
				P	23,131	7,428	11,441	405	44									
				<b>Cumulative Total</b>	E	31,284,876	56,387,123	45,358,676	4,171,807	384,963				35,375.42	90	187		
Turkmenistan	0.46	0.59		2000	P	20 +		8 +										
				E	28,767		21,542											
				P	161		27											
				<b>Cumulative Total</b>	E	238,920	62	84,161										
Uzbekistan	4.86	6.84	69.81	2000	P	84 + 7	37 + 5	48 +	7 + 3	1 +								
				E	117,535	149,815	85,981	56,425					22.09	1				
				P	335	108	419	10										
				<b>Cumulative Total</b>	E	505,500	396,880	2,364,618	60,956					85.15	1	5		
Viet Nam	41.52	83.32	790.66	2000	P	859 + 162	218 + 70	554 + 40	15 + 19									
				E	1,032,675	2,128,769	2,884,839	160,709					1,204.50	7	9			
				P	4,676	957	4,068	61										
				<b>Cumulative Total</b>	E	5,365,528	6,334,715	18,710,232	489,874					4,568.75	19	64		
East Timor	29.07			2000	P	82 +	3 + 2	76 +										
				E	16,312	206,398	842,454						1.86		1			
				P	82	3	76											
				<b>Cumulative Total</b>	E	16,312	206,398	842,454						1.86		4		

P: Person E: Expenditure (thousand yen)

IV

Fiscal 2009 Results

1 Statistics on Program Results/  
Performance of JICA's Technical Cooperation and Japan's ODA by Country

**Table 4-12 Performance of JICA's Technical Cooperation and Japan's ODA by Country/ 2 Middle East**

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)												
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type											
					Training Participants		Experts		Study Team Members		OCV		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing			
Afghanistan	0.18	0.04		2000	P	+	+	+	+	+	+	+	+			
				E												
Algeria		0.70	-5.82	2000	P											
				E	669,749	893,261	191,856							527.04		
Bahrain		1.01		2000	P	11 +	4	1 +	3							
				E	19,436	77,600								0.91		
Egypt	45.91	31.19	7.06	2000	P	163 +	24	67 +	37	114 +	23	16 +	23			
				E	517,314	770,356	673,024	204,859						577.66	1	2
Iran	0.22	12.51	30.11	2000	P	82 +	9	21 +	9	75 +	5					
				E	305,681	212,488	698,151							67.22		1
Iraq		0.03		2000	P											
				E	4,232,435	3,056,659	4,529,756	10,923						2,220.38	11	26
Israel		0.33		2000	P	4 +										
				E	1,098	102	197	1								
Jordan	66.49	18.08	19.68	2000	P	71 +	1	49 +	20	89 +	5	19 +	33	29 +	12	
				E	135,668	547,971	562,334	204,128	204,758					281.30	1	1
Kuwait		0.14		2000	P	+	2									
				E	28											
Lebanon	1.14	0.87		2000	P	14 +	2			5 +						
				E	21,374	16	78,147									
Libya		0.06		2000	P											
				E	189.69	4,326,373	5,945,199	2,441,284	276,514				3,734.24	7	17	
Morocco	15.33	14.07	73.13	2000	P	64 +	2	26 +	14	107 +	21	23 +	46			
				E	159,278	337,261	789,451	292,425						96.34	1	
Oman		11.09		2000	P	27 +	8	5 +	7	61 +						
				E	79,077	184,737	619,041							16.06		1
Qatar		0.03		2000	P	2 +	2	2 +		1 +						
				E	863,418	2,905,064	7,500,545							442.15	1	26
Saudi Arabia		14.05		2000	P	106 +	7	42 +	19	58 +						
				E	204,754	432,404	187,427							58.12		1
Sudan	1.85	0.21		2000	P	1 +										
				E	1,463	695	836									
Sudan				2000	P											
				E	161.35	3,096,449	7,224,084	3,266,719					2,375.88	3	13	
Sudan				2000	P											
				E	0.00	194										
Sudan				2000	P											
				E	51.20	1,777,589	813,547	1,808,770	68,492				591.13	1	10	

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)																
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenditure (100 million yen)	Type															
					Training Participants		Experts		Study Team Members		JOC		Other Volunteers		Residual Capital (US\$ '000)	Project-type Technical Cooperation (number of projects)	Development Study (number of projects)			
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing									
Syria	17.79	12.30	33.69	2000	P	62 +	11	9 +	13	111 +	37 +	31								
				E	165,617		211,737		691,819		275,131				84.60				2	
				Cumulative Total	P	781		237		998		341								
Tunisia	3.30	15.12	52.97	2000	P	50 +	4	19 +	12	106 +	15	9 +	19							
				E	130,247		299,437		842,758		105,904				167.08				1	
				Cumulative Total	P	556		158		829		239								
Turkey	0.94	18.23	124.47	2000	P	110 +	18	44 +	23	56 +										
				E	389,161		637,384		245,435					544.15				2	1	
				Cumulative Total	P	2,289		672		1,625										
United Arab Emirates		0.12		2000	P	19 +	16	4 +		3										
				E	470		3,609		61											
				Cumulative Total	P	185		141		243										
Yemen	25.41	3.17	-7.73	2000	P	16 +	3	5 +	2	16 +										
				E	31,952		64,635		68,651						143.23					
				Cumulative Total	P	326		146		440		30								
Palestine	57.25	3.82		2000	P	126 +	36			29 +										
				E	203,149				141,661											
				Cumulative Total	P	550		2		154					1					
				E	956,593		10,108		797,604					0.03				1		

P: Person E: Expenditure (thousand yen)

# IV

## Fiscal 2000 Results

### 1 Statistics on Program Results/ Performance of JICA's Technical Cooperation and Japan's ODA by Country

**Table 4-13 Performance of JICA's Technical Cooperation and Japan's ODA by Country / 3 Africa**

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)														
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)		Trainers		Experts		Study Team Members		JOCV		Other Volunteers		Ratio of Equipment (million Yen)	Project type Technical Cooperation (number of projects)	Development Study (number of projects)
						New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing			
Angola	17.88	3.58		2000	P	8 +	3			66 +								
				E	14,537		19		279,463									
Benin	3.26	2.89		2000	P													
				E	96,699		17,536		1,461,588							0.46		1
Botswana	3.56	3.36	-0.86	2000	P	35 +	1	2 +	1	16 +		29 +	29					
				E	44,319		9,235		110,714		228,056					8.25		1
Burkina Faso	17.57	4.49		2000	P	19 +	1		2	21 +		9 +	1					
				E	321,245		78,031		622,253		1,551,185					96.81		2
Burundi	0.16	0.08		2000	P	13 +												
				E	14,096													
Cameroon	9.43	1.82	4.49	2000	P	29 +												
				E	53,853				34,450							57.42		
Cape Verde	9.86	0.89		2000	P	11 +		1 +										
				E	24,406		10,270		142							0.51		
Central Africa	20.94	1.75		2000	P	13 +				23 +								
				E	35,814				62,965							101.55		
Chad		0.23		2000	P	8 +												
				E	12,308				2,280									
Comoros				2000	P													
				E														
Congo		0.05		2000	P	3 +												
				E	2,280											0.16		
Côte d'Ivoire	10.75	8.55	4.84	2000	P	18 +	2	1 +	10	12 +		10 +	43					
				E	60,093		164,103		113,751		216,404					24.07		
The Democratic Republic of the Congo	0.27	0.06		2000	P	3 +												
				E	1,359,493		1,745,059		2,900,709		2,033,653					797.32	1	6
Djibouti	12.01	2.06		2000	P	15 +	2		1	29 +		9 +	1					
				E	46,662		21,840		82,232		33,855					1.00		
Equatorial Guinea		0.06		2000	P	3 +												
				E	9,399													
Eritrea	0.10	0.30		2000	P	13 +	2											
				E	20,206													
				2000	P	65			2									
				E	102,228		95,334		411,291							7.87		8

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)															
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Type	Technical Cooperation Expenses (100 million yen)	Type													
						Training Participants	Experts	Study Team Members	JOY	Other Voluntary	Provision of Equipment	Project-type Technical Cooperation	Development Study						
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	
Ethiopia	29.25	7.47		2000	8.15	P 75 + 3	E 4 + 11	29 + 2	16 + 16										
				Cumulative Total	121.30	E 174,414	271,607	200,323	132,203										
Gabon	9.30	0.58	-2.49	2000	0.63	P 11 +	E 1 +	15 +											
				Cumulative Total	7.09	E 10,504	8,580	61,434											
Gambia	2.67	0.61		2000	0.51	P 8 +	E +	9 + 3											
				Cumulative Total	10.37	E 352,993	41,280	141,725											
Ghana	28.19	21.51	53.67	2000	23.98	P 106 + 10	E 35 + 25	105 + 11	27 + 61										
				Cumulative Total	252.27	E 378,722	722,414	677,664	427,848										
Guinea	18.55	2.93	-4.46	2000	1.86	P 27 + 1	E + 1	14 + 4											
				Cumulative Total	41.96	E 48,443	26,659	91,956											
Guinea-Bissau				2000	0.00	P 3 +	E +												
				Cumulative Total	4.77	E 318		45											
Kenya	13.11	31.08	21.89	2000	31.81	P 289 + 16	E 59 + 46	142 + 15	54 + 81	1 + 3									
				Cumulative Total	683.83	E 641,331	1,016,247	625,854	837,454										
Lesotho	0.30	0.57		2000	0.70	P 18 + 1	E +	12 +											
				Cumulative Total	3.71	E 25,202		44,970											
Liberia		0.08		2000		P +	E +												
				Cumulative Total	38.31	E 237	36	116	170										
Madagascar	17.58	9.83	-1.32	2000	8.59	P 31 + 4	E 10 + 10	70 + 2											
				Cumulative Total	86.02	E 95,509	347,137	304,078											
Malawi	33.02	15.38	-9.93	2000	14.53	P 81 + 13	E 14 + 24	54 +	41 + 74										
				Cumulative Total	201.37	E 205,218	459,639	202,596	522,835										
Mali	24.94	9.42	-2.18	2000	8.37	P 19 + 2	E + 1	52 + 1											
				Cumulative Total	52.95	E 30,106	18,157	784,926											
Mauritania	29.01	2.68	-2.04	2000	2.98	P 33 + 3	E 1 + 2	40 + 6											
				Cumulative Total	28.21	E 65,825	44,359	158,816											
Mauritius	0.51	2.24	-0.64	2000	2.06	P 22 + 2	E 2 + 8	10 +											
				Cumulative Total	41.34	E 48,054	108,234	28,813											
Mozambique	11.70	9.30	-1.03	2000	8.87	P 21 + 3	E 1 + 3	141 + 1											
				Cumulative Total	41.76	E 41,301	63,255	724,259											
Namibia	1.64	3.78		2000	3.24	P 19 +	E 2 + 2	12 + 4											
				Cumulative Total	15.38	E 366,084	553,430	3,112,546											

# IV

## Fiscal 2000 Results

1 Statistics on Program Results/  
Performance of JICA's Technical Cooperation and Japan's ODA by Country

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)														
	Grand Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Type	Technical Cooperation Expenses (100 million yen)	Type				Total Volunteers	Resident Personnel (person-years)	Project-type Technical Cooperation (number of projects)	Development Study (number of studies)					
						In-kind Personnel		Experts						Study Team Members		JICA		
						Area	Occupancy	Area	Occupancy	Area	Occupancy	Area	Occupancy					
Niger	10.19	7.43	-6.68	2000	9.54	P	28 + 2	2 + 3	45 +	25 + 67	+ 1						1	
				E	67,525	88,670	345,184	400,103			52.49							
Nigeria	5.17	2.01		2000	1.71	P	282	33	586	297								
				E	796,938	1,177,490	4,310,047	3,628,251			664.82							
Nigeria	5.17	2.01		Cumulative Total	107.07	P	26 +	1	18 +									
				E	1,938,517	2,752,271	3,684,325			1,198.88								
Rwanda	0.75	0.41	2.28	2000	0.40	P	21 + 2											
				E	39,868													
Rwanda	0.75	0.41	2.28	Cumulative Total	25.46	P	173	21	146	52								
				E	503,045	376,405	890,201	675,556			71.58							
Sao Tome and Principe	1.11	0.12		2000	0.14	P	10 +											
				E	13,711													
Sao Tome and Principe	1.11	0.12		Cumulative Total	6.16	P	55	6	47									
				E	148,296	150,474	241,015			72.82								
Senegal	38.14	12.96	-3.10	2000	14.40	P	57 + 5	13 + 14	112 + 4	35 + 57								
				E	156,423	276,264	444,734	357,942			193.88							
Senegal	38.14	12.96	-3.10	Cumulative Total	176.98	P	615	107	999	446								
				E	1,978,629	2,883,520	5,708,317	5,123,256			1,775.20							
Seychelles		0.05		2000	0.06	P	20 +	1	11 +									
				E	45,857	9,811	38,549					1.02						
Seychelles		0.05		Cumulative Total	10.46	P	164	12	54									
				E	557,463	246,031	192,640			44.93								
Sierra Leone		0.02		2000	0.00	P	1 +											
				E	194													
Sierra Leone		0.02		Cumulative Total	9.23	P	161	6	66									
				E	435,901	52,007	418,413			5.89								
Somalia				2000		P												
				E														
Somalia				Cumulative Total	8.68	P	95	21	44									
				E	241,361	323,910	184,039			106.03								
South Africa	13.04	6.61		2000	5.38	P	137 +	16 + 5	41 +									
				E	270,724	106,359	151,667			3.94								
South Africa	13.04	6.61		Cumulative Total	25.94	P	894	43	238									
				E	1,021,024	245,895	1,251,800			32.65								
Swaziland	3.35	2.65		2000	3.43	P	26 + 3	2 +	21 +									
				E	43,450	19,230	277,535			3.08								
Swaziland	3.35	2.65		Cumulative Total	25.42	P	200	21	134									
				E	465,087	684,870	1,238,274			131.50								
Tanzania	50.38	26.01	-12.68	2000	28.59	P	418 + 17	34 + 28	154 + 21	39 + 52								
				E	518,729	709,567	1,001,064	369,541			235.70							
Tanzania	50.38	26.01	-12.68	Cumulative Total	461.30	P	3,070	624	1,889	952								
				E	7,089,836	12,931,714	11,403,129	8,613,143			5,582.89							
Togo	8.26	0.24		2000	0.22	P	14 + 1		9 +									
				E	14,400		7,165											
Togo	8.26	0.24		Cumulative Total	5.99	P	126	7	68									
				E	245,475	70,782	271,703	1,465			5.66							
Uganda	16.00	6.39		2000	6.09	P	65 + 5	15 + 15										
				E	160,438	309,427	27,530	3,553			107.15							
Uganda	16.00	6.39		Cumulative Total	72.84	P	707	134	400	1								
				E	1,598,696	1,934,338	2,968,830	3,553			767.05							
Zambia	23.75	14.25	-6.18	2000	15.01	P	109 + 13	25 + 16	50 + 2	23 + 59								
				E	300,858	490,332	245,289	391,536			60.79							
Zambia	23.75	14.25	-6.18	Cumulative Total	328.16	P	1,073	424	1,149	820								
				E	3,240,461	9,276,786	6,837,101	8,427,564			4,590.33							
Zimbabwe	30.08	10.41	21.78	2000	10.64	P	63 + 1	5 + 11	18 + 5	30 + 75								
				E	122,013	210,858	225,654	455,277			48.73							
Zimbabwe	30.08	10.41	21.78	Cumulative Total	125.12	P	542	55	748	360								
				E	1,122,378	1,214,353	4,651,130	4,475,197			869.32							

P: Person E: Expenditure (thousand yen)

**Table 4-14 Performance of JICA's Technical Cooperation and Japan's ODA by Country / 4 Latin America**

Country	Japan's ODA (Jan-Dec 2009)			JICA's Technical Cooperation (FY 2009)														
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperative Expenses (100 million US\$)	Type						Provision of Payment (US\$ million)	Prospective Technical Cooperation (number of projects)	Development Study (number of projects)					
					Training Participants		Experts		Study Team Members					JICA	Other Volunteers			
					New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New			Outgoing		
Antigua		0.46		2000	0.88	P	4 +		1	14 +								
				E	7,330		13,687		64,258								2.36	
				Cumulative Total	2.18	P	16		3	32							22.22	
Argentina		20.08	16.20	2000	19.53	E	115 + 11	41 + 24	97 + 1				12 + 21					
				P	2,387		870		1,438		19		25					
				Cumulative Total	358.64	E	6,414,177	9,820,767	8,957,811	605,972		353,110			6,777.18	12	29	
Bahamas		0.01		2000	0.00	P												
				E	2													
				Cumulative Total	0.57	P	21										9.14	
Barbados		0.27		2000	0.25	E	6 +	1	2 +			1 +						
				P	10,638		8,111		6,184									
				Cumulative Total	3.86	P	59		11	2							63.90	
Belize		0.38	0.28	2000	0.38	P	13 +		1			4 +						
				E	19,881		502				9,457							8.41
				Cumulative Total	2.43	P	67		1			4					79.37	
Bolivia		29.64	19.68	-5.87	2000	21.85	E	200 + 11	43 + 24	80 +		30 + 56	11 + 16					
					P	348,365		718,165		352,758		387,710		141,658				168.23
				Cumulative Total	454.61	E	5,014,692	11,653,595	12,405,335	5,676,892		241,882			7,037.50	11	49	
Brazil		1.76	56.44	107.37	2000	47.97	P	306 + 50	86 + 49	169 + 1			33 + 94					
					E	1,243,243		906,043		1,333,474				861,896			271.35	
				Cumulative Total	832.64	P	7,086		2,045	3,055		49	91					
Chile		0.67	19.90	0.29	2000	21.77	E	20,641,314	22,428,224	14,022,835	1,252,783	1,483,598	14,413.49					
					P	125 + 4	50 + 28	75 + 8	15 + 32	1 + 1								
				Cumulative Total	321.95	E	4,860,048	10,652,530	8,699,135	568,278	17,305	7,122.50			17	33		
Colombia		2.18	12.00	-6.66	2000	9.99	P	122 + 13	13 + 6	34 +		9 + 20	3 + 4					
					E	371,448		154,002		262,236		132,344		44,677			31.76	
				Cumulative Total	213.24	P	1,312		374	1,314		161	5				6	41
Costa Rica		0.50	5.61	-12.55	2000	7.91	E	4,628,595	3,530,290	8,041,872	1,825,463	65,161	2,939.40					
					P	59 + 2	24 + 6	68 + 12	19 + 22									
				Cumulative Total	139.59	E	1,931,393	2,698,507	3,846,219	3,478,749		1,863.77			4	15		
Cuba		0.51	1.32		2000	0.93	P	29 + 1	5 +	4 +								
					E	38,936		21,440		4,639						27.50		
				Cumulative Total	8.37	P	318		13	11							62.11	
Dominica		2.61	0.81		2000	0.98	E	15,474	23,085	58,778								
					P	50		4		68								
				Cumulative Total	7.24	E	145,367	183,069	227,315								141.52	
Dominican Republic		22.00	11.30	-3.65	2000	15.69	P	53 + 4	23 + 14	118 + 1	23 + 42	18 + 19						
					E	124,998		353,476		504,749		260,240		210,995			111.79	
				Cumulative Total	169.26	P	824		312	784		319	29				5	14
Ecuador		12.80	6.76	0.42	2000	7.86	E	1,917,274	4,817,410	4,093,129	3,395,873	336,229	1,950.96					
					P	43 + 6	9 + 2	59 +	19 + 68									
				Cumulative Total	136.81	E	946		188	930		213						
El Salvador		17.03	11.84	37.76	2000	15.51	P	66 + 5	57 + 19	80 + 5	27 + 51							
					E	133,951		369,329		584,093		329,468				150.90		1
				Cumulative Total	84.90	P	608		163	511		223						
Grenada		6.01	0.46		2000	0.46	E	9,785	20,342	8,928								
					P	62		5		64								
				Cumulative Total	8.04	E	151,193	284,471	297,009								70.99	

**IV**

**Fiscal 2009 Results**

**1 Statistics on Program Results/  
Performance of JICA's Technical Cooperation and Japan's ODA by Country**

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)											
	Grant (100 US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Training Courses		Experts		Study Tours		Other		Number of Projects (number of projects)	Development Study (number of projects)	
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing			
Guatemala	30.72	13.15	23.01	2000	18.26	P 58 + 7	12 + 4	E 117,393	96,655	870,324	708,099	+ 2	27.61	1	
				Cumulative Total	165.62	P 784	305	E 1,574,764	3,389,709	6,335,463	3,775,435	1,230.02	2	22	
Guyana	0.17	0.41		2000	0.46	P 5 + 1	3 + 1	E 13,093	20,002	11,223			2.12		
				Cumulative Total	6.98	P 102	10	E 282,839	116,041	258,731				36.59	1
Haiti	12.55	0.87		2000	0.64	P 14 + 2	2 + 2	E 42,531	20,584	743					
				Cumulative Total	9.02	P 118	12	E 294,055	152,163	397,082				51.87	
Honduras	38.55	11.48		2000	14.55	P 98 + 6	33 + 8	E 136,157	255,208	494,619	301,880	10 + 14	111.68	1	2
				Cumulative Total	271.84	P 973	613	E 1,856,309	5,955,862	7,399,458	7,815,139	232,817		3,573.50	5
Jamaica	0.34	6.17	-18.79	2000	6.29	P 17 + 1	9 + 10	E 41,569	230,650	9,601	214,419		127.62		
				Cumulative Total	48.05	P 222	74	E 608,764	1,050,300	668,146	1,758,619			627.75	2
Mexico	1.14	31.11	-126.18	2000	24.54	P 213 + 58	58 + 43	E 844,709	926,837	120,589	146,030	17 + 19	173.53	1	
				Cumulative Total	531.09	P 4,685	1,415	E 14,648,502	16,646,787	10,447,636	1,054,525	337,674		9,080.00	19
Nicaragua	62.42	10.30	3.74	2000	11.39	P 50 + 3	36 + 12	E 84,568	205,863	284,585	456,479	+ 1	104.08	1	1
				Cumulative Total	88.44	P 564	142	E 1,317,566	1,199,224	3,109,238	2,465,717			674.72	1
Panama	1.29	7.91	-6.49	2000	8.24	P 67 + 4	16 + 11	E 145,826	286,769	13,401	248,707	8 + 2	64.09		
				Cumulative Total	189.11	P 1,005	397	E 2,235,737	5,198,284	5,357,018	2,220,477	77,555		3,631.33	6
Paraguay	11.74	32.71	6.67	2000	29.84	P 143 + 13	55 + 49	E 379,056	1,095,406	343,350	416,655	26 + 67	349.83	1	
				Cumulative Total	638.62	P 2,348	1,183	E 6,991,796	20,779,139	10,417,014	7,653,656	557,351		11,798.14	20
Peru	26.13	17.88	146.94	2000	9.10	P 312 + 10	10 + 4	E 644,998	84,902	86,600			88.17	1	
				Cumulative Total	390.27	P 4,316	687	E 10,216,555	8,662,039	11,105,959	1,742,335			6,499.76	11
Saint Christopher and Nevis		0.35		2000	0.45	P 2 + 1		E 6,038	25	38,857					
				Cumulative Total	1.36	P 22	2	E 57,437	6,256	53,661				18.71	
Saint Lucia	5.76	1.67		2000	2.10	P 9 + 1	1 + 1	E 19,690	20,478	63,269	101,620		4.85		
				Cumulative Total	9.38	P 63	7	E 156,462	222,012	197,635	318,681			41.64	
Saint Vincent	2.01	0.47		2000	0.52	P 9 + 1	1 + 1	E 24,722	27,562				0.88		
				Cumulative Total	7.06	P 68	9	E 230,403	243,158	184,730				46.19	
Suriname	8.94	0.76		2000	0.29	P 5 + 2	1 + 1	E 12,605	16,108			2 + 1	0.58		
				Cumulative Total	4.90	P 41	8	E 135,605	198,034	151,689				4.08	
Trinidad and Tobago	0.04	1.74		2000	1.73	P 6 + 1	5 + 6	E 11,593	133,045	8,738			19.39		
				Cumulative Total	21.52	P 102	46	E 262,666	970,222	608,391				308.51	1
Uruguay	0.33	7.16	-1.80	2000	6.62	P 46 + 5	22 + 13	E 105,520	240,403	140,219		5 + 9	100.35		
				Cumulative Total	105.36	P 806	373	E 1,953,297	3,977,468	1,761,384		134,074		2,656.36	9



Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)															
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type														
					Training Participants		Experts		Study Lang. Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)	Development Study (number of projects)		
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing						
Venezuela	0.34	4.38	-0.69	2000	P	30 + 3	10 + 5	40 +											
				E	52,599	100,930	115,945												
				Cumulative Total	P	943	231	436											
Montserrat	0.07			2000	P														
				E															
				Cumulative Total	P	1													
				E															

P: Person E: Expenditure (thousand yen)

**Table 4-15** Performance of JICA's Technical Cooperation and Japan's ODA by Country / 5 Oceania

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)															
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type														
					Training Participants		Experts		Study Lang. Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)	Development Study (number of projects)		
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing						
Fiji	6.18	7.01	1.50	2000	P	90 + 10	5 + 6	14 +	15 + 39	7 + 6									
				E	269,104	79,611	28,822	227,065	87,775										
				Cumulative Total	P	1,373	264	620	239	11									
Kiribati	5.05	1.91		2000	P	23 + 2	1 +	16 +											
				E	46,425	6,495	62,275												
				Cumulative Total	P	257	22	197											
Marshall Islands	0.40	2.67		2000	P	6 +		10 +	16 + 18										
				E	9,280	18,786	39,593	133,332											
				Cumulative Total	P	106	4	149	70										
Micronesia	5.84	4.31	-0.05	2000	P	24 +	6 +	7 + 6	20 + 37										
				E	50,237	69,350	31,178	228,738											
				Cumulative Total	P	240	66	246	171										
Nauru	2.02	0.24		2000	P	6 +													
				E	11,422		174												
				Cumulative Total	P	67	2	11											
Palau	20.24	3.75		2000	P	10 + 1	4 + 1	33 + 10	2 + 23										
				E	25,341	50,735	141,185	169,749											
				Cumulative Total	P	101	17	245	39										
Papua New Guinea	4.19	9.67	-41.65	2000	P	193 + 8	15 + 4	59 +	33 + 49										
				E	247,071	164,161	451,240	349,114											
				Cumulative Total	P	2,005	244	850	380										
Samoa	0.83	4.40		2000	P	41 + 1	4 + 2	12 + 3	8 + 34	6 + 7									
				E	103,455	51,496	60,209	165,095	74,751										
				Cumulative Total	P	436	57	247	343	10									
Solomon Islands	1.00	4.12	-3.01	2000	P	19 + 2	1 +	7 + 3	4 + 46										
				E	43,631	6,426	55,683	164,629											
				Cumulative Total	P	405	87	353	249										
Tonga	3.37	3.39		2000	P	32 + 1	1 + 2		17 + 34	2 +									
				E	78,096	15,902		207,000	17,129										
				Cumulative Total	P	367	80	234	230	2									
Togo	0.09	0.62		2000	P	6 +		17 +											
				E	12,320	40	54,766												
				Cumulative Total	P	87	5	46	1										
Vanuatu	4.59	1.93	-0.10	2000	P	18 + 1	2 + 1		17 + 17										
				E	27,745	45,341	3,968	134,273											
				Cumulative Total	P	189	26	148	96										
				E	376,122	411,611	713,217	1,072,163											

# IV

## Fiscal 2000 Results

1 Statistics on Program Results/  
Performance of JICA's Technical Cooperation and Japan's ODA by Country

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)												
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type											
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing					
Cook Islands		0.32		2000	P	11 + 1	+	+	+	+	+	+	+	0.64		1
				E	27,583	4,974	729									
				P	96	24	43			8						
				Omulative Total	E	164,184	80,190	393,019					29.86		4	
Niue		0.09		2000	P	4 + 1	+	+	+	+	+	+				
				E	9,102											
				P	47											
				Omulative Total	E	83,257			555							

P: Person E: Expenditure (thousand yen)

**Table 4-16** Performance of JICA's Technical Cooperation and Japan's ODA by Country / 6 Europe

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)												
	Grant Aid (US\$ million)	Technical Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type											
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing					
Albania	4.20	0.71	1.76	2000	P	27 + 1	+	+	18 +	+	+	+				
				E	37,257	16	30,691									
				P	121	3	99									
				Omulative Total	E	277,238	7,231	536,370					109.59		2	
Bosnia-Herzegovina	19.73	4.48		2000	P	35 + 2	5 +	63 +	+	+	+					
				E	63,405	12,561	320,635									
				P	156	5	278									
				Omulative Total	E	268,183	12,723	1,169,698					1.45		3	
Bulgaria	1.24	9.38	8.70	2000	P	51 + 1	23 + 11	17 + 5	16 + 55	+	+					
				E	109,450	237,953	33,515	286,990								
				P	528	135	488									
				Omulative Total	E	1,065,106	1,244,487	2,682,333	1,942,971				801.11	1	6	
Croatia	0.13	1.82	-0.28	2000	P	7 +	+	36 +	+	+	+					
				E	13,320		296,338									
				P	41		41									
				Omulative Total	E	85,120		317,902								
Cyprus		0.02		2000	P	+	+	+	+	+	+					
				E												
				P	34		1									
				Omulative Total	E	92,652										
Czech	9.46	0.94		2000	P	11 +	1 +	+	+	+	+					
				E	18,605	12,959										
				P	139	8	1									
				Omulative Total	E	274,703	78,827	4,392					46.79			
Estonia				2000	P	11 +	+	+	+	+	+					
				E	21,563											
				P	34											
				Omulative Total	E	65,528										
Hungary		5.37		2000	P	36 +	10 +	33 +	7 + 29	+	+					
				E	46,641	40,354	205,191	174,764								
				P	686	70	354	96								
				Omulative Total	E	1,385,385	750,576	2,199,161	1,230,910				614.99	1	7	
Latvia				2000	P	13 +	+	22 +	+	+	+					
				E	20,951	12	118,992									
				P	42	5	50									
				Omulative Total	E	70,242	15,916	270,103					0.65		1	
Lithuania				2000	P	16 +	2 + 1	25 +	+	+	+					
				E	28,528	27,358	122,516									
				P	46	8	73									
				Omulative Total	E	79,287	55,797	352,012					41.41		1	
Macedonia	6.43	1.11		2000	P	14 +	3 +	26 +	+	+	+					
				E	33,622	18,158	97,988									
				P	112	14	180									
				Omulative Total	E	288,102	34,235	1,028,098					51.27		6	
Malta		0.37		2000	P	3 +	1 + 1	+	+	+	+					
				E	8,092	20,193										
				P	70	16	16									
				Omulative Total	E	229,321	94,536	44,178					5.08			

Country	Japan's ODA (Jan-Dec 2000)			JICA's Technical Cooperation (FY 2000)															
	Grant Aid (US\$ million)	Interest Cooperation (US\$ million)	Government Loans (US\$ million)	Technical Cooperation Expenses (100 million yen)	Type														
					Training Participants		Experts		Study Team Members		JOC <sup>1)</sup>		Other Volunteers		Provision of Equipment (million yen)	Project-type Technical Cooperation (number of projects)	Development Study (number of projects)		
New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing								
Moldova	1.42	1.21		2000	P	10 +	3 +	27 +											
				E	10,303	6,950	141,704								51.44		1		
				Cumulative Total	P	30	4	60											
E	34,095	8,965	247,578																
Poland	0.38	5.77	-10.73	2000	P	28 +	23 +	8	12 +	10 +	23								
				E	63,267	131,693	17,717	149,530											
				Cumulative Total	P	732	228	494	71										
E	1,513,254	1,394,655	2,531,902	873,974															
Romania	5.82	8.58	3.46	2000	P	64 +	1	9 +	7	27 +	7 +	20							
				E	140,553	144,028	194,866	129,937											
				Cumulative Total	P	495	70	418	34										
E	1,161,631	678,856	2,526,378	351,937															
Russia				2000	P														
				E															
				Cumulative Total	P	2	2												
E	23																		
Slovak	0.80	1.82		2000	P	32 +	3 +	7 +											
				E	45,307	10,035	8,671												
				Cumulative Total	P	274	14	62											
E	501,025	33,815	390,177																
Slovenia		0.49		2000	P	8 +	1 +												
				E	9,284	14,831													
				Cumulative Total	P	72	6	40											
E	126,934	121,123	149,460																
Ukraine				2000	P	33 +		1	11 +										
				E	18,988	17,677	31,343												
				Cumulative Total	P	55	1	24											
E	44,413	30,512	62,312																
Yugoslavia	32.02	8.06	-0.28	2000	P														
				E															
				Cumulative Total	P	153	50	22											
E	342,006	66,256	43,234																

P: Person E: Expenditure (thousand yen)

Notes:

- Figures for Japan's ODA (Jan-Dec 2000) are from materials of the Ministry of Foreign Affairs.
- Regarding figures for JICA's Technical Cooperation (FY 2000):
  - Number of projects, number of studies and names for Project-type Technical Cooperation and Development Studies are also listed on the Section 2 Projects Implemented in FY 2000, (P. 216)
  - Cumulative numbers of people, projects and studies are totals of new ones only in each fiscal year.
  - Cumulative totals are accumulated starting in fiscal 1974.
  - JICA's Technical Cooperation Expenses indicated above may not exactly total the amounts given in the other columns.
  - Figures for "unclassified" (work carried-out that involves several countries) and "Other countries (Asia, etc.)" are not included.

# IV

## Fiscal 2000 Results

### 1 Statistics on Program Results/ Performance of JICA's Technical Cooperation and Japan's ODA by Country

## Section 2 Projects Implemented in FY 2000

### Development Study

#### ASIA

##### AZERBAIDJAN (3 projects)

National Digital Mapping Project in the Republic of Azerbaijan

Master Plan Study on Rehabilitation and Reconstruction of Electricity Supply in Baku in Azerbaijan Republic

Urban Transportation Improvement in the City of Baku in the Republic of Azerbaijan

##### BANGLADESH (2 projects)

Study on Groundwater Development for Northwestern Areas in People's Republic of Bangladesh

Dhaka Eastern By-pass Study

##### BHUTAN (1 project)

Feasibility Study on the Development of Punatsanchhu Hydropower Project in the Kingdom of Bhutan

##### CAMBODIA (9 projects)

The Study on Improvement of Marketing System and Post-harvest Quality Control of Rice in Cambodia

Study on Water Supply System for Siem Reap Region in Cambodia

Study on Groundwater Development in Southern Cambodia

The Transport Master Plan of the Phnom Penh Metropolitan Area in the Kingdom of Cambodia

The Study on the Rehabilitation and Reconstruction of Agricultural Production System in the Slakou River Basin, the Kingdom of Cambodia

A Study on Participatory School Construction in the Kingdom of Cambodia

The Study on Groundwater Development in Central Cambodia

A Study on the Establishment of GIS Map Data for Cambodia

Feasibility Study on the Sihanoukville Combined Cycle Power Development Project in the Kingdom of Cambodia

##### CHINA (15 projects)

The Study on Yellow River Basin Agriculture and Fisheries Development

The Study on Urbanization of Rural Districts (Haichen City) in the People's Republic of China

The Study on Improvement of Marine Environmental Monitoring System for the Pearl River Estuary in the People's Republic of China

Study for Public Transportation Improvement in Chengdu city in the People's Republic of China

The Study for Improving the Housing Finance Reform in PRC

Study on Development of Water-resource, Shenfu-Dongsheng in China

The Study on Reforestation in Anning Watershed in Sicuan

The Study for Yangbajain Geothermal Subterranean

Development in Tibet, China

Mineral Exploration in the Altai Area, People's Republic of China

Study on Small and Medium Enterprise Development in Shenyang and Hanzhou in the People's Republic of China

The Study for the Factory Modernization (Machinery Industry in Changchun) in the People's Republic of China

Factory Modernization in the People's Republic of China (Machinery Industry in Shaokan City)

The Study for the Factory Modernization (Nangtong Automobile Parts Industry) in China

Factory Modernization in the People's Republic of China (Chemical Industry in Qingdao City)

The Study on Environmental Assessment for Dahufang Water Diversion Project in Liao Ning Province in the People's Republic of China

##### GEORGIA (1 project)

Master Plan Study on Promotion of Mining Industry in Georgia

##### INDIA (2 projects)

The Development Study on Reproductive Health in the State of Madhya Pradesh, India

The Reconstruction Support for the Gujarat-Earthquake Disaster in the Devastated Area in India

##### INDONESIA (15 projects)

The Feasibility Study on the Integrated Agricultural and Rural Development in Highland in the Republic of Indonesia

The Study on Critical Land and Protection Forest Rehabilitation at Tondano Watershed in Indonesia

Detailed Design of Flood Control and Water Resources Development Project in Semarang in the Republic of Indonesia

The Study on the Coral Reef Rehabilitation and Management in North Sulawesi Province in the Republic of Indonesia

The Study on Regional Educational Development and Improvement Project in the Republic of Indonesia

Study on the Development of Nationwide Broadcasting in the Republic of Indonesia

The Feasibility Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur

The Study on Flood Control Project in Limboto Bolango Bone Basin, North Sulawesi in the Republic of Indonesia

Study for Sabang Integrated Regional Development in the Republic of Indonesia

Preparatory Study on the Detailed Design Study of Railway Electrification and Double Tracking of Java Main Line Project in Indonesia

The Study on the Optimal Electric Power Development

and Operation in Indonesia  
 The Study on Rural Energy Supply with Utilization of Renewable Energy in Rural Areas  
 The Study for Urgent Recovery Program of Irrigation Agriculture  
 Study on Strengthening Capacity of SME Dusters in Indonesia  
 Design of Institutional and Human Resources  
 Development for IT-Related Customs Services Project in the Republic of Indonesia

#### **KAZAKHSTAN (2 projects)**

The Study on the Master Plan for the Development of the City of Astana  
 The Mineral Exploration in the Kokpetinskaya Area of the Republic of Kazakhstan

#### **LAOS (9 projects)**

The Study on Small Scale Rural Environment Improvement Program for the Depressed Communities in the Districts along the Mekong River  
 The Establishment of GIS Base Map Data for Mekong River Basin in Lao People's Democratic Republic  
 Study on Rural Water Supply and Sanitation Improvement in North-West Region in the Lao People's Democratic Republic  
 Study on Photovoltaic Rural Electrification in Lao People's Democratic Republic Master Plan  
 Master Plan Study on Integrated Agricultural Development in the Lao PDR  
 The Study on Special Economic Zone Development Plan in Border Area (Savannakhet Province) in Lao People's Democratic Republic  
 Study on Master Plan of Transmission Line and Substation System  
 The Study on the Improvement of Rural Health Services in the Lao People's Democratic Republic  
 The Study on the Development of Telecommunications Network in Lao PDR

#### **MALAYSIA (7 projects)**

The Study on Integrated Urban Drainage Improvement for Melaka and Sungai Petani in Malaysia  
 The Study for the Sustainable Groundwater Resource and Environmental Management for the Langat Basin  
 The Study on Strengthening Supporting Industries through Technology Transfer  
 The Study on Cleaner Production Promotion in Industry Sector  
 Slope Disaster Management Study for Federal Highways in Malaysia  
 A Local Development Study on Pedestrian Friendly City Project in Kuala Lumpur in Malaysia  
 A Local Development Study on Integrated Transport Information Systems in Klang Valley in Malaysia

#### **MONGOLIA (5 projects)**

The Study on Economic Transition and Development Support in Mongolia (Tax Collection Enhancement 2)  
 Master Plan Study for Rural Power Supply by Renewable Energy in Mongolia  
 Mineral Exploration in the Central North Area, Mongolia  
 The JICA Development Study Supporting the Rehabilitation Project of the Fourth Thermal Power Plant in Ulaanbaatar (Phase 2) by JBIC Loan  
 Feasibility Study on Construction of Eastern Arterial Road in Mongolia

#### **MYANMAR (3 projects)**

The Study on Introduction of Renewable Energy to Rural Areas in Myanmar  
 The Study on Water Supply System in Mandalay City and in the Central Dry Zone in the Union of Myanmar  
 The Japan-Myanmar Cooperation Programme for Structural Adjustment of the Myanmar Economy

#### **NEPAL (4 projects)**

The Study on the Agricultural Marketing Development Project in the Kingdom of Nepal  
 Feasibility Study on the Development of Bheri-Babai Hydroelectric Project (Phase 2)  
 The Feasibility Study on the Sunsari River Irrigation Project  
 F/S Study on the Construction of the Kulckhani-3 Hydro-power Plant

#### **PAKISTAN (1 project)**

The Study on Flood Control Plan of the Lai Nullar Basin in the Islamic Republic of Pakistan

#### **PHILIPPINES (12 projects)**

The Study on Strengthening of NIA's Management System  
 Study on Provincial Water Supply, Sewerage and Sanitation Sector Plans for Visayas and Mindanao  
 Study on Comprehensive Disaster Prevention around Mayon Volcano Area in the Republic of the Philippines  
 D/D Study on Upgrading Inter-Urban Highway System along the Pan-Philippine Highway (Plaridel, Cabanatuan, San Jose Bypass)  
 Feasibility Study of the Flood Control Project for the Lower Cagayan River in the Republic of the Philippines  
 The Study on Industrial Hazardous Waste Management in the Republic of the Philippines (Phase 1)  
 A Master Plan Study on the Development of the Natural Gas Industry  
 Formulation of Small-Scale Measures for Alleviation of Traffic Congestion in Metro Manila  
 The Study on the Cebu Integrated Port Development Plan in Republic of the Philippines (Preparatory Study)  
 Study on Development of Industrial Statistics in the Republic of the Philippines  
 The Study on the Development of New CNS/ATM System in the Republic of the Philippines

## **IV**

**Fiscal 2000 Results**

**2 Projects Implemented in FY 2000/Development Study**

Feasibility Study on Upgrading Inter-Urban Highway System (Sta. Rita-San. Jose Road Section) in the Republic of the Philippines

**SRI LANKA (6 projects)**

The Study for Potential Realization of Irrigated Agriculture in the Dry and Intermediate Zones of Sri Lanka

Detailed Design Study on the Outer Circular Highway to City of Colombo in the Democratic Socialist Republic of Sri Lanka

Follow-up Study on Industrialization and Investment Promotion in Sri Lanka

The Master Plan Study for Industrialization and Investment Promotion in Sri Lanka (Phase 2)

Hydropower Optimization in Sri Lanka

The Detailed Design Study on Greater Kandy Water Supply Augmentation Project in the Democratic Socialist Republic of Sri Lanka

**THAILAND (9 projects)**

The Study on the Development of Industrial Statistics in the Kingdom of Thailand (Phase 2)

The Capacity Building Program on the Implementation of the WTO Agreements in the Kingdom of Thailand

The Study on Improvement of Road Traffic Environment

The Study for Urban Redevelopment Plan and Case Study in the Bangkok Metropolitan Area in the Kingdom of Thailand

The Master Plan Study for the Coastal Channels and Development in the Kingdom of Thailand

Study on Development for Securing System of Building Safety

The Study on the Master Plan for the Industries Development in the Provincial Cluster of Nakhon Ratchasima, Surin and Chaiyapum in the Kingdom of Thailand

The Study on Master Plan on Industrial Waste Management in the Bangkok Metropolitan Area and its Vicinity in the Kingdom of Thailand

Feasibility Study on Comprehensive Development of the Ngao Coal Basin in the Kingdom of Thailand (Phase 1)

**VIET NAM (16 projects)**

The Study on Agricultural Development Plan in the Dong Thap Muoi Area

Study on Groundwater Development in the Rural Provinces of the Central Highlands in the Socialist Republic of Viet Nam

Study on Environmental Improvement at Hanoi City in the Socialist Republic of Viet Nam

The Study on the National Transport Development Strategy in Viet Nam

The Detailed Design of the Red River Bridge (Thanh Tri Bridge) Construction Project in the Socialist Republic of Viet Nam

The Detailed Design of the Can Tho Bridge Construction

Project in the Socialist Republic of Viet Nam  
Study on Sanitation Improvement Plan for Haiphong City in the Socialist Republic of Viet Nam

The Master Plan Study for Industrial Pollution Prevention in Viet Nam (Waste Water)

Feasibility Study on Installation of Steel Flat Product Mills in the Socialist Republic of Viet Nam (Phase 1 F/S on cold rolling Mill)

The Renewable Energy Master Plan Study in the Northern Part of Socialist Republic of Viet Nam

The Mineral Exploration in the Dong Pao Area, the Socialist Republic Viet Nam

Port System Development Study in Southern Part of Viet Nam

The Study on Tourism Development in the Central of Socialist Republic of Viet Nam (Preparatory Study)

The Feasibility Study on Forest Management Plan in Central Highland in Viet Nam

Sector Program on Primary Education Development in the Socialist Republic of Viet Nam

The Study on Nationwide Water Resources Management in the Socialist Republic of Viet Nam

**EAST TIMOR (4 projects)**

The Study on Urgent Rehabilitation Plan in the East Timor

The Study on Urgent Establishment of Topographic Mapping in the East Timor

The Study on Urgent Improvement Project for Water Supply System in East Timor

The Study on Integrated Agricultural Development of East Timor

**UNCLASSIFIED (2 projects)**

The Detailed Design of The Second Mekong International Bridge Construction Project in the Lao People's Democratic Republic and the Kingdom of Thailand

The Integrated Development Plan for the Border Region in Thailand and Lao PDR

**MIDDLE EAST**

**EGYPT (6 projects)**

North Sinai Integrated Rural Development Project (Phase 3) (Detailed Design Study) in the Arab Republic of Egypt

The Study on Tourism Development Projects in the Arab Republic of Egypt

The Study on Industrial Waste Water Pollution Control in the Arab Republic of Egypt (Phase 1)

The Study on Building Energy Economy Model for the Arab Republic of Egypt

Transportation Master Plan and Feasibility Study of Urban Transport Projects in Greater Cairo Region in the Arab Republic of Egypt

The Study on the Alexandria Comprehensive Urban Transport Plan in the Arab Republic of Egypt  
**IRAN (3 projects)**  
 The Study on Seismic Microzoning of the Greater Tehran Area in Islamic Republic of Iran  
 Study on Watershed Management Plan for Karoon River in the Islamic Republic of Iran  
 The Study on Water Management in the Capital Tehran in the Islamic Republic of Iran  
**JORDAN (3 projects)**  
 Study on Water Resources Management Plan for the Hashemite Kingdom of Jordan  
 The Detailed Design Study of the Tourism Sector Development Project in the Hashemite Kingdom of Jordan  
 Study on the Strengthening of Enterprises Management Capability in the Hashemite Kingdom of Jordan  
**LEBANON (1 project)**  
 The Study of Environmental Friendly Integrated Transportation Plan for Greater Tripoli in the Republic of Lebanon  
**MOROCCO (2 projects)**  
 Feasibility Study for Water Resources Development in Rural Areas  
 Master Plan Study on Flood Forecasting System for Atlas Region in the Kingdom of Morocco  
**OMAN (2 projects)**  
 Master Plan Study of Salalah Port and its Hinterland in the Sultanate of Oman  
 The Mineral Development Study in Yanqul-Ghuzayn Area of the Sultanate of Oman  
**SAUDI ARABIA (2 projects)**  
 Mineral Exploration in the Umm Ad Damar Area, the Kingdom of Saudi Arabia  
 The Study on Water Supply System Management Plan in the Kingdom of Saudi Arabia  
**SYRIA (4 projects)**  
 The Master Plan Study on the Development of Syrian Railways in Syrian Arab Republic  
 The Introduction of Integrated Photovoltaic Systems in the Syrian Arab Republic  
 The Study on Quality Improvement of Agricultural Products in the Syrian Arab Republic  
 The Study on Solid Waste Treatment Plan at Local City in the Syrian Arab Republic  
**TUNISIA (1 project)**  
 The Study on Tourism Development Master Plan in the Republic of Tunisia (Preparatory Study)  
**TURKEY (3 projects)**  
 Study on the Regional Development Plan for the Eastern Black Sea Region in the Republic of Turkey (DOKAP)  
 The Study on Long Term National Port Development Plan in the Republic of Turkey

The Study on a Disaster Prevention/Mitigation Basic Plan in Istanbul including Seismic Microzonation

## AFRICA

**ANGOLA (1 project)**  
 The Establishment of Comprehensive Geographic Database System for the National Rehabilitation and Development in the Republic of Angola  
**BENIN (1 project)**  
 The Study on Cartography Inventory and Management of Classified Forest in Northern Area in Benin  
**BOTSWANA (1 project)**  
 The Study on the Photovoltaic Rural Electrification in the Republic of Botswana  
**BURKINA FASO (1 project)**  
 The National Topographic Mapping of Southwestern Area in Burkina Faso  
**ETHIOPIA (2 projects)**  
 The Study on Meki Irrigation and Rural Development Project in Oromia Region, Ethiopia  
 The Study on Telecommunications Development Plan in Ethiopia  
**GAMBIA (1 project)**  
 The Study for Establishment of Geographic Database in the Gambia  
**GHANA (3 projects)**  
 Stock Assessment of Demersal Fish Species in the Republic of Ghana  
 Study for Development of a Master Plan to Strengthen Technical Education in the Republic of Ghana  
 The Development Study of Ghana Seaports  
**GUINEA (1 project)**  
 The Study on the Small-Scale Fishery Development Plan in the Republic of Guinea  
**KENYA (1 project)**  
 The Master Plan on Integrated Rural Development Project in Baringo Semi-arid Land Area (Marigat and Mukutani Divisions) in the Republic of Kenya  
**MADAGASCAR (1 project)**  
 The Feasibility Study on Watershed Management in Mantasoa and Tsiazompaniry in Madagascar  
**MALAWI (2 projects)**  
 The Study on Watershed Rehabilitation in Middle Shire in Malawi  
 Study on National School Mapping and Micro-planning in the Republic of Malawi  
**MALI (5 projects)**  
 The Study of Prevention for Desertification in the South Region of Segou in the Republic of Mali  
 The National Topographic Mapping of the Kita Area in the Republic of Mali  
 Mineral Exploration in the Kekoro and Baoule-Banifing Area, the Republic of Mali

IV

Fiscal 2000 Results

2 Projects Implemented in FY 2000/Development Study

The Mineral Exploration in the Baoule-Banifing Area of the Republic of Mali

The Basic Environmental Survey in the Baoule-Banifing Area of the Republic of Mali

**MAURITANIA (1 project)**

The Study for the Fisheries Resources Management Plan in Mauritania

**MOZAMBIQUE (4 projects)**

The National Topographic Mapping in Niasa Province, the Republic of Mozambique

The Study on the Development of the Resettlement Area for Demobilized Soldiers and Mine Labors from South Africa

The Study on the Integrated Development Master Plan of the Angonia Region

Master Plan and Feasibility Study for the Road Development in the City of Maputo in the Republic of Mozambique

**NAMIBIA (1 project)**

The Study on the Groundwater Potential Evaluation and Management Plan in the Southeast Kalahari

(Stampriet) Artesian Basin in the Republic of Namibia

**NIGER (1 project)**

The Study on the Sanitation Improvement for the Niamey City in the Republic of Niger

**SENEGAL (2 projects)**

The Study on Infrastructure Information Management System of the Dakar Metropolitan Area in the Republic of Senegal

The Study on Photovoltaic Rural Electrification Plan in the Republic of Senegal

**SOUTH AFRICA (2 projects)**

The Master Plan Study on Tourism Development in the Republic of South Africa

The Study on the Development of Small and Medium Enterprises in KwaZulu-Natal, Republic of South Africa

**SWAZILAND (2 projects)**

The Study on Digital Mapping Project for the Smooth Implementation of the Development Plan in the Kingdom of Swaziland

The Study on Improvement of Rural Environment in Degraded Land in the Kingdom of Swaziland

**TANZANIA (5 projects)**

The Study on the Small Scale Horticultural Development Project for Poverty-Farmers in the Coastal Region

School Mapping and Micro-Planning in Education in the Republic of Tanzania

The Study on Water Supply and Sanitation in Lindi and Mtwara Regions

The Master Plan Study on Fishery Development in the United Republic of Tanzania

Master Plan and Feasibility Study on the Power Sector

for Major Towns in Tanzania

**ZAMBIA (1 project)**

The Study on the Environmental Improvement of Unplanned Urban Settlement in Lusaka, Republic of Zambia

**ZIMBABWE (2 projects)**

The Study on the Lower Munyati River Basin Agricultural Development Project in the Republic of Zimbabwe

The Forest Survey in the Gwaai and Bembesi Areas

**LATIN AMERICA**

**ARGENTINA (1 project)**

Environmental Criteria for Installation and Extension of Thermal Power Plants in Argentina

**BOLIVIA (3 projects)**

Rural Electrification Implementation Plan by Renewable Energy in the Republic of Bolivia

The Study on Enhancement of District Health System for Beni Prefecture in the Republic of Bolivia

Mineral Exploration in the Oruro-Uyuni Area, the Republic of Bolivia

**BRAZIL (6 projects)**

The Study for Improving Rural People's Livelihoods through Agricultural Activities and Sound Natural Resources Management in the State of Amazonas

Integrated Development Master Plan Study in the Northern Region for Agriculture and Livestock of the State of Tocantins

Master Plan Study on Degraded Land Restoration in the State of Para in the Federative Republic of Brazil

The Study on the Environmental Management of the Hydrographic Basin Patos and Mirim in the Federative Republic of Brazil

Mineral Exploration in the Alta Floresta Area, the Federative Republic of Brazil

Study on Control and Recuperation of the Environmental Conditions of the Guanabara City

**CHILE (3 projects)**

Study for Promotion of Investments and Exports for the Balanced Economic Development in the Republic of Chile

Mineral Exploration in the Region I Area, the Republic of Chile

The Study on the Environmentally-Friendly Operation of Mineral Processing Plants Using Biotechnology

**COLOMBIA (3 projects)**

The Study on the Regional Environmental Improvement Plan for the Basin of Lake Fuquene in the Republic of Colombia

The Study on Disaster Prevention in the Bogota Metropolitan Area in the Republic of Colombia

Study on Ground Water Development in the Bogota



Plain in the Republic of Colombia

**COSTA RICA (1 project)**  
 The Study on Rural Development Project for the Middle Basin of Tempisque River in the Republic of Costa Rica

**DOMINICAN REPUBLIC (1 project)**  
 The Master Plan Study on Watershed Management in the Upper Area of the Sabana Yegua Dam

**EL SALVADOR (3 projects)**  
 The Master Plan Study on Artisanal Fishery Development in the Republic of El Salvador  
 The Study for Establishment of National Basic Geographic Data in the Republic of El Salvador  
 Feasibility Study on the Hydroelectric Complex Over Torora River in El Salvador

**GUATEMALA (2 projects)**  
 Feasibility Study on the Amatitlan Geothermal Development Project in the Republic of Guatemala  
 The Study for Establishment of Base Maps and Hazard Maps for GIS in the Republic of Guatemala

**HONDURAS (2 projects)**  
 The Mineral Exploration in the Quitagana Potosi Area of the Republic of Honduras  
 The Study on Flood Control and Landslide Prevention in the Metropolitan Area of the Republic of Honduras

**MEXICO (1 project)**  
 Study on Training and Certification System of Consultants for SMEs in Mexico

**NICARAGUA (2 projects)**  
 The Study on Agricultural Development for the Region 2 and 4 in the Pacific Coast  
 The Maser Plan Study on Forest Management for Disaster Prevention in the Northern Pacific Region in the Republic of Nicaragua

**PARAGUAY (2 projects)**  
 The Study on the Reforestation Plan in the Eastern Region of Paraguay  
 The Study on Economic Development of the Republic of Paraguay

**PERU (2 projects)**  
 The Study on Integrated Water Resources Development in the Canete River Basin in the Republic of Peru  
 The Mineral Exploration in the Southern Area of the Republic of Peru

**URUGUAY (1 project)**  
 Mineral Exploration in San Jose AroyoGrande area, the Oriental Republic of Uruguay

**VENEZUELA (2 projects)**  
 The Study on Integrated River Improvement of the Orinoco River in the Republic of Venezuela  
 The Study on Promotion of Small and Medium Enterprises in the Bolivarian Republic of Venezuela

**OCEANIA**

**PAPUA NEW GUINEA (1 project)**  
 Investigation and Development of Underground Water Sources for Water Supply Project in Papua New Guinea

**SOLOMON ISLANDS (1 project)**  
 Master Plan Study of Power Development in Solomon Islands

**COOK ISLANDS (1 project)**  
 Mineral Exploration in Selected Offshore Areas of SOPAC Region, the Cook Islands

**EUROPE**

**BOSNIA-HERZEGOVINA (1 project)**  
 The Study on the Transport Masterplan in Bosnia and Herzegovina

**BULGARIA (1 project)**  
 Master Plan Study on Integrated Water Resources Management in the Republic of Bulgaria

**HUNGARY (1 project)**  
 The Development Study on the Promotion of Small and Medium-sized Enterprises in the Republic of Hungary

**LITHUANIA (1 project)**  
 Study on the Development of the Pulp and Paper Industry in the Republic of Lithuania

**MACEDONIA (1 project)**  
 Rapid National Topographic Mapping in Macedonia

**MOLDOVA (1 project)**  
 The Study on the Water Supply System in Northern Region in the Republic of Moldova

**POLAND (1 project)**  
 Study on the Integrated Environment Management Plan for the Great Mazurian Lakes Region in the Republic of Poland

**SLOVAK (1 project)**  
 The Study on Sustainable Development of Agriculture in Zahorska Lowland and Protection of Natural Resources

**UKRAINE (1 project)**  
 Preparatory Study on the Master Plan for Development of Railways in Ukraine

(Total: 243 projects)

Note:  
 This list represents development studies implemented during fiscal 2000 for preparatory studies, main studies and explanation of reports. Projects at the preliminary stage and those that were completed in the preceding fiscal year are excluded from this list.

**IV**

Fiscal 2000 Results

2 Projects Implemented in FY 2000/Development Study

## Project-type Technical Cooperation

### ASIA

#### BANGLADESH (2 projects)

- Project of Human Resources Development in Reproductive Health in Bangladesh
- The Poultry Management Techniques Improvement Project in the People's Republic of Bangladesh

#### CAMBODIA (4 projects)

- Secondary School Teacher Training Project in Science and Mathematics
- National Tuberculosis Control Project in the Kingdom of Cambodia
- Phase 2 of the Maternal and Child Health Project
- The Project for the Technical Service Center for the Irrigation System in Cambodia

#### CHINA (19 projects)

- The Pilot Scheme for Technological Development on the River Information System Project in China
- The Research Center of the Mineral Resources Exploration Project
- The Project on the Research and Training Center on New Technology for Housing in the People's Republic of China
- The Japan-China Friendship Environmental Protection Center Project Phase 2
- The Project for the Beijing Municipal Education and Training Center for Firefighting and Prevention
- Human Resources Development Project for Water Resources, PRC
- The Clinical Medical Education Project for the China-Japan Medical Education Center
- Anhui Primary Health Care Technical Training Center Expanded Program on Immunization Strengthening Project
- China-Japan Friendship Project on the National Center for Safety Evaluation of Drugs
- The Integrated Development Project in the Waterlogged Area in the Four-Lake Area of Jiangnan Plain, Hubei Province in the People's Republic of China
- Enhancement of Agricultural Extension System Project
- The Follow-up Technical Cooperation for the Irrigation and Drainage Engineering Development and Training Center Project in the People's Republic of China
- Forest Protection Research Project in Ningxia-Hui Autonomous Region in the People's Republic of China (F/U)
- Hubei Province Forest Tree Improvement Project Research Project on Timber from Man-made Forests in China
- The Model Afforestation Project in Sichuan
- Technology for the Control of Waste Gases in the Petrochemical Industry
- Environmental Protection and Safety Training Center of the Coal Industry

#### INDIA (2 projects)

- The Project for Prevention of Emerging Diarrheal Diseases in India
- The Project for Promotion of Popularising the Practical Bivoltine Sericulture Technology in India

#### INDONESIA (21 projects)

- Higher Education Development Support Project in Indonesia/HEDS
  - The Project to Enhance Education and Training of Industrial Safety and Health
  - Project on Strengthening Sulawesi Rural Community Development to Support Poverty Alleviation Programmes
  - The Project for the National Vocational Rehabilitation Center for Disabled People
  - The Project for Development of Science and Mathematics Teaching for Primary and Secondary Education
  - Strengthening of Polytechnic Education in Electric-related Technology
  - Technical Cooperation Project for Improvement of District Health Services in South Sulawesi
  - Technical Cooperation Project for Ensuring the Quality of MCH Services through the MCH Handbook
  - The Follow-up Technical Cooperation for the Irrigation Engineering Service Center Project
  - The Agricultural Statistics Technology Improvement and Training Project in the Republic of Indonesia
  - Quality Soybean Seed Multiplication and Training Project (F/U)
  - Development of High Quality Seed Potato Multiplication System Project
  - Project for Improvement of Agricultural Extension and Training System
  - Dairy Technology Improvement Project in Indonesia
  - The Forest Fire Prevention Management Project in the Republic of Indonesia
  - The Forest Tree Improvement Project (Phase 2) in the Republic of Indonesia
  - Biodiversity Conservation Project 2
  - Research and Development for the Multi-species Hatchery Project in Indonesia (F/U)
  - Freshwater Aquaculture Development Project in Indonesia
  - Human Resources Development in Trade Sectors
  - Project on Supporting Industries Development for Casting Technology in Indonesia
- #### KAZAKHSTAN (1 project)
- Kazakhstan-Japan Center for Human Development
- #### LAOS (7 projects)
- Development of the Faculty of Economics and Management of the National University of Laos and the Lao-Japan Human Resources Cooperation Center

Pediatric Infectious Disease Prevention Project in the Lao People's Democratic Republic  
 The Project for the Improvement of Sethathirath Hospital  
 The Agricultural and Rural Development Project in Vientiane Province in the Lao People's Democratic Republic Phase 2  
 The Forest Conservation and Afforestation Project Phase 2 in Lao People's Democratic Republic  
 The Aquaculture Improvement and Extension Project  
 The Project on Electric Power Technical Standard Establishment in Lao People's Democratic Republic

**MALAYSIA (5 projects)**

Japan-Malaysia Technical Institute: JMTI  
 The Project for the Capacity Building of the National Institute of Occupational Safety and Health in the Field of Occupational Safety and Health  
 The Project for the Development of Technology related to the Processing of Feed based on Agro-industrial by-products of Oil Palms Production in Malaysia  
 The Project for the Aquatic Resource and Environmental Studies of the Straits of Malacca in UPM  
 The Project on Risk Management of Hazardous Chemical Substances

**MONGOLIA (2 projects)**

Maternal and Child Health Project in Mongolia  
 The Project for the Improvement of Technology on Diagnosis of Animal Infectious Diseases in Mongolia

**MYANMAR (3 projects)**

Leprosy Control and Basic Health Service Project  
 Seed Bank Project in the Union of Myanmar  
 Irrigation Technology Centre Project Phase 2

**NEPAL (4 projects)**

Disaster Mitigation Support Programme Project  
 The National Tuberculosis Control Project Phase 2  
 Community Tuberculosis and Lung Health Project  
 Community Development and Forest/Watershed Conservation Project Phase 2 in Nepal

**PAKISTAN (1 project)**

The Maternal and Child Health Project in Pakistan

**PHILIPPINES (17 projects)**

The Project for Upgrading Human Resources Development for Air Navigation Systems Specialist at the Civil Aviation Training Center Manila  
 The Cebu Socio-Economic Empowerment and Development Project  
 The Project for Enhancement of Capabilities in Flood Control and Sabo Engineering of the Department of Public Works and Highways  
 Project for Prevention and Control of AIDS  
 Phase 2 of the Family Planning and Maternal and Child Health Project in the Philippines

Tuberculosis Control Project in the Philippines  
 Training Services Enhancement Project for Rural Life Improvement  
 Bohol Integrated Agriculture Promotion Project  
 Pesticide Monitoring System Development Project in the Republic of the Philippines  
 Research and Development Project on High Productivity Rice Technology  
 Environmental and Productivity Management of Marginal Soils in the Philippines  
 The Project for Improvement of Farmers Income and Area Development  
 Water Buffaloes and Beef Cattle Improvement Project  
 Upgrading Project for Plastic Molding Tool Technology  
 The Project on Electrical and Electronics Appliances Testing in the Republic of the Philippines  
 Modernization of Industrial Property Administration  
 Capacity Building Project for Environmental Management in Mining

**SRI LANKA (5 projects)**

Construction Equipment Training Centre in Sri Lanka  
 Nursing Education Project in Sri Lanka  
 Dental Education Project at University of Peradeniya in Sri Lanka  
 Foundry Technology Development Project  
 Quality Improvement of Textile and Clothing Products

**THAILAND (19 projects)**

Project to Enhance the Capacity of the Faculty of Engineering at Thammasat University in the Kingdom of Thailand  
 Training Center for Sewage Works  
 The Project on Strengthening of the National Institute for the Improvement of Working Conditions and Environment  
 The Research Center for Communication and Information Technology (ReCCIT), King Mongkut's Institute of Technology, Ladkrabang (KMILT), The Kingdom of Thailand  
 Development of the Method of Urban Development  
 Project for Model Development of Comprehensive HIV/AIDS Prevention and Care  
 Project for Strengthening of National Institute of Health Capabilities for Research and Development on AIDS and Emerging Infectious Diseases  
 The Project for the Asian Center for International Parasite Control  
 Project for Development of Trauma Center Complex  
 The Modernization of the Water Management System Project in Thailand  
 Pasture Seed Production Development Project in North-east Thailand  
 The Research Project for Higher Utilization of Forestry and Agricultural Plant Materials in Thailand

## IV

Fiscal 2000 Results

2 Projects Implemented in FY 2000/  
 Project-type Technical Cooperation

The Reforestation and Extension Project in the Northeast of Thailand 2  
 The Productivity Development Project  
 The Industrial Property Information Center  
 Testing and Inspection Technology Upgrading for Textile and Garment Products  
 The Project on the Industrial Water Technology Institute  
 SIC-Tool and Mold Technology Development Project in the Kingdom of Thailand  
 The Project on the Industrial Water Technology Institute Phase 2

**UZBEKISTAN (1 project)**

Uzbekistan-Japan Center for Human Development

**VIET NAM (14 projects)**

The Training Capability Strengthening Project on the Posts and Telecommunications Training Center No.1, the Socialist Republic of Viet Nam  
 The Project for Strengthening Training Capabilities for Road Construction Workers in Transport Technical and Professional School No. 1 in Viet Nam  
 The Project for Strengthening Training Capability for Technical Workers in the Hanoi Industrial College  
 Viet Nam-Japan Human Resources Cooperation Center  
 The Reproductive Health Project in Nghe An Province  
 The Bach Mai Hospital Project for Functional Enhancement  
 The Reproductive Health Project in Nghe An Province (Phase 2)  
 The Education and Research Capability Building Project of Hanoi Agricultural University  
 Strengthening of National Institute of Veterinary Research  
 The Project for Improvement of Cattle Artificial Insemination Technology in Viet Nam  
 Afforestation Technology Development Project on Acid Sulphate Soil in the Mekong Delta F/U  
 The Viet Nam Information Technology Training  
 Modernization of Industrial Property Administration Project  
 Program on the Instructor Training for Electric Power Sector in Viet Nam

**MIDDLE EAST**

**EGYPT (5 projects)**

The Water Supply Technology Training Improvement Project in Egypt  
 The Environmental Monitoring Training Project  
 The Pediatric Emergency Care Project in Egypt  
 The Water Management Improvement Project in the Nile Delta  
 The Project on Upgrading of Metal Processing Technology in the Arab Republic of Egypt

**IRAN (1 project)**

The Project of Haraz Agricultural Human Resources Development Center

**JORDAN (4 projects)**

The Project for the Specialized Training Institute in Hashemite Kingdom of Jordan  
 The Project for Family Planning and Women in Development  
 The Project for Family Planning and Gender in Development Phase 2  
 Information Technology Upgrading Project

**MOROCCO (4 projects)**

The Higher Institute of Maritime Studies Project in the Kingdom of Morocco  
 The Training Center Project for Agricultural Mechanization  
 The Fisheries Technical Training Project in Morocco (F/U)  
 Upgrading Exploration Technology of Mineral Resources in the Kingdom of Morocco

**SAUDI ARABIA (1 project)**

The Project on Improvement of the Technical Education of Electronics in the College of Technology in Riyadh

**TUNISIA (3 projects)**

Project for the Establishment of the Vocational Training Center for the Electric and Electronics Industry  
 The Project for Strengthening of Reproductive Health Education  
 The Fisheries Training Project in Mahdia

**TURKEY (5 projects)**

Project on Improvement of Maritime Education  
 The Infectious Diseases Control Project in the Republic of Turkey  
 The Project for the Fish-Culture Development in Turkey  
 Improvement of Mine Safety Technologies  
 Project on Energy Conservation in the Republic of Turkey  
**YEMEN (1 project)**  
 The Tuberculosis Control Project (3)

**AFRICA**

**CÔTE D'IVOIRE (1 project)**

The Farming System Improvement Project for Small-scale Irrigated Agriculture

**ETHIOPIA (1 project)**

The Groundwater Development and Water Supply Training Project

**GHANA (4 projects)**

Improvement of Educational Achievement in Science, Technology and Mathematics (STM) in Basic Education  
 The Project for the Improvement of the Maternal and Child Health In-Service Training System and Program in Ghana  
 The Infectious Diseases Project at the Noguchi Memorial Institute for Medical Research  
 The Small-scale Irrigated Agriculture Promotion Project in the Republic of Ghana

**KENYA (7 projects)**

Jomo Kenyatta University of Agriculture and Technology  
(Undergraduate Programme): JKUAT in Kenya  
Kenya Institute of Surveying and Mapping  
Strengthening of Mathematics and Science Education in  
Secondary Schools  
African Institute for Capacity Development (AICAD)  
The Research and Control of Infectious Diseases Project  
in Kenya 2  
Kenya Medical Training College Project  
The Social Forestry Extension Model Development  
Project for Semi-arid Areas in Kenya

**MADAGASCAR (1 project)**

The Aquaculture Development Project in the Northwest  
Coastal Region of Madagascar

**MALAWI (2 projects)**

Community Health Sciences Project  
The Project on Aquaculture and Technical Development  
of Malawian Indigenous Species

**MAURITIUS (1 project)**

Coastal Resources and Environment Conservation  
Project F/U

**SENEGAL (2 projects)**

High-Level Technician (BTS) Training Project at the  
Senegal-Japan Vocational Training Center  
The Integrated Community Forestry Development  
Project in Senegal

**TANZANIA (3 projects)**

Sokoine University of Agriculture Centre for  
Sustainable Rural Development: SCSRD  
Maternal and Child Health Services Project in Tanzania  
The Kilimanjaro Agricultural Training Centre Project in  
the United Republic of Tanzania

**UGANDA (1 project)**

Nakawa Vocational Training Institute Project in Uganda/  
NAVTI

**ZAMBIA (2 projects)**

Lusaka District Primary Health Care Project in Zambia  
The Strengthening of Laboratory Systems for  
HIV/AIDS and TB Control Project

**ZIMBABWE (1 project)**

The Project of Infectious Diseases Control

**LATIN AMERICA****ARGENTINA (6 projects)**

Population Statistics Project in the Argentine Republic  
The Horticulture Development Project in the Argentine  
Republic  
Comprehensive Horticultural Experiment Station in  
Argentina (CETEFFHO)  
The Industrial Energy Conservation Project  
The Mine Pollution Control Research Center in the  
Argentine Republic

Regional Geologic Mapping with Advanced Satellite  
Sensors

**BOLIVIA (4 projects)**

Project for the Dissemination of High-Quality Rice  
Seeds for Small-Scale Farmers in Bolivia  
The Beef Cattle Improvement Project in the Republic of  
Bolivia  
Comprehensive Agricultural Experiment Station in  
Bolivia (CETABOL)  
The Afforestation and Erosion Control Project in the  
Valley of Tarija in Bolivia

**BRAZIL (9 projects)**

The Urban Transport Human Resources Development  
Project  
The Maternal and Child Health Improvement Project in  
Northeast Brazil  
The Clinical Research Project of State University of  
Campinas in Brazil  
The Research Project on Small-Scale Horticulture in  
Southern Brazil  
The Technological Development Project for Sustainable  
Agriculture in Eastern Amazonia, Brazil  
Brazilian Amazon Forest Research Project Phase 2  
The Industrial Waste Management Project  
Brazilian Institute of Quality and Productivity Project  
Quality Improvement of Foundry Technology in Small  
and Medium Scale Industry

**CHILE (5 projects)**

The National Center for Environment in the Republic of  
Chile: (CENMA)  
Rehabilitation for Disabled People Project in the  
Republic of Chile  
The Project on Conservation of the Environment and  
Rural Development with Farmers' Participation for the  
Mediterranean Dryland Zone of Chile  
Improvement of Productivity for the Small Scale  
Farmers Project in the Republic of Chile  
The Development of Benthonic Resources Aquaculture  
Project in Chile

**COLOMBIA (1 project)**

Improvement of Mineral Processing Technology  
Concerning Medium and Small Scale Mines

**COSTA RICA (1 project)**

Project on Productivity Improvement for Enterprises in  
the Republic of Costa Rica

**DOMINICAN REPUBLIC (3 projects)**

Medical Education and Training Project in the  
Dominican Republic  
The Technology Improvement Project for Irrigated  
Agriculture in the Dominican Republic  
The Project for Agricultural Development on Sloped  
Terrains in the Dominican Republic

**IV****ESRI 2000 Results****2 Projects Implemented in FY 2000/  
Project-type Technical Cooperation**

**EL SALVADOR (3 projects)**

Project of Strengthening of Nursing Education in El Salvador  
The Project for the Strengthening of Agricultural Technology Development and Transfer in El Salvador  
The Project on the Aquaculture Development in Estuary of El Salvador

**HONDURAS (1 project)**

The Reproductive Health Project in Health Region Seven in the Republic of Honduras

**JAMAICA (2 projects)**

The Technical and Vocational Education and Training Improvement Project at Technical High Schools in Jamaica  
The Project for Strengthening of Health Care in the Southern Region

**MEXICO (6 projects)**

The National Center for Environmental Research and Training (phase 2) in Mexico  
Reproductive Health—Prevention of Uterine Cervical Cancer  
The Project on the Improvement of Techniques for the Production of Vegetables in Morelos State  
The Agricultural Machinery Test and Evaluation Project in Mexico  
Refinery Safety Training Center Project  
Engineering and Industrial Development Center for Small and Medium Scale Industries at Queretaro State

**NICARAGUA (1 project)**

The Project for Strengthening of the Local System of Integral Health Care (SILAIS) of Granada

**PANAMA (3 projects)**

The Cattle Productivity Improvement Project in the Republic of Panama  
Forest Conservation Technical Development Project in the Republic of Panama  
Panama Canal Watershed Conservation Project in the Republic of Panama

**PARAGUAY (8 projects)**

Japan-Paraguay Skill Development Promotion Center  
Strengthening Continuing Education in Nursing and Midwifery in the South of the Republic of Paraguay  
The Rural Development Project in the Region South of

Pilar in the Republic of Paraguay  
The Research Project on Soybean Production in Paraguay  
The Project for the Improvement of Vegetable Production Techniques for Small Scale Farmers in Paraguay  
Comprehensive Agricultural Experiment Station in Paraguay (CETAPAR)  
The Forest Extension Project in the Eastern Region of Paraguay

Project on Upgrading Verification and Inspection Technology in the Area of Mass

**TRINIDAD AND TOBAGO (1 project)**

The Regional Fisheries Training Project

**URUGUAY (2 projects)**

The Veterinary Laboratories Improvement Project in the Oriental Republic of Uruguay  
Forest Products Testing Project in Uruguay

**OCEANIA**

**MICRONESIA (1 project)**

The Fisheries Training Project in Federated States of Micronesia

**PAPUA NEW GUINEA (1 project)**

Forest Research Project Phase 2 in Papua New Guinea  
F/U

**EUROPE**

**BULGARIA (2 projects)**

The Fermented Dairy Products Development Project in the Republic of Bulgaria  
Energy Efficiency Center Project in the Republic of Bulgaria

**POLAND (1 project)**

Polish-Japanese Institute of Information Techniques

**ROMANIA (1 project)**

The Irrigation System Readjustment Project

(Total: 239 projects)

Notes:

1. This list represents projects implemented based on R/D during fiscal 2000. After-care projects are excluded from this list.
2. Figures 2 and 3 refer to phase 2 and phase 3 (2<sup>nd</sup> and 3<sup>rd</sup> term cooperation) respectively. F/U is used to refer to follow-up cooperation.

## JICA's Grant Aid

### ASIA

#### ARMENIA (1 project)

The Increase of Food Production (4.00)

#### AZERBAIDJAN (2 projects)

The Project for Trunk Route Rehabilitation (3.72)

The Increase of Food Production (4.50)

#### BANGLADESH (2 projects)

The Project for Improvement of Maternal and Child Health Training Institute (0.79)

The Project for Improvement of Portable Steel Bridges for Feeder Roads (8.92)

#### BHUTAN (3 projects)

The Project for Reconstruction of Bridges (0.49)

The Project for Improvement of Maternal and Child Health and Essential Equipment (2.05)

The Increase of Food Production (2.00)

#### CAMBODIA (8 projects)

The Project for Construction of a Bridge over the Mekong River (12.53)

The Project for Improvement of Bridges on National Highway Route 6A (5.08)

The Project for Improvement of Facilities of Colmatage Systems in Kandal Province along the Mekong River (4.82)

The Project for Rehabilitation and Upgrading of Electricity Supply Facilities in Phnom Penh—Phase 2 (17.88)

The Project for Expansion of Phum Prek Water Treatment Plant (0.60)

The Project for Improvement of the National Highway Route 6, Siem Reap Section (3.27)

The Project for the Rehabilitation of National Road No. 7 Kompon Cham (0.78)

The Project for Human Resource Development Scholarship (1.59)

#### CHINA (5 projects)

The Project for Afforestation for Conservation of Middle Stream of Huang He (0.48)

The Project for Improvement of the Equipment for the Secondary Vocational Education (9.17)

The Project for Improvement of Equipment for Japan-China Research and Development Center for Agriculture Technology (14.44)

The Project for Tuberculosis Control in Poor Areas (3.21)

The Project for Improvement of Medical Equipment of Shaanxi Province People's Hospital (13.86)

#### GEORGIA (2 projects)

The Project for Trunk Route Rehabilitation (3.04)

The Increase of Food Production (4.00)

#### INDONESIA (8 projects)

The Project for Improvement of Science and Mathematics Teaching for Primary and Secondary Education (7.94)

The Project for Human Resources Development for Fishing Technology and Fisheries Resources Management in Semarang (6.32)

Rural Water Supply Project in Sulawesi Island (7.32)

Family Planning Program (3.66)

The Project for Rehabilitation of the Degraded National Park by Forest Fire (1.53)

The Project for Neonatal Tetanus Control (1.40)

The Project for Improvement of Forest Fire Equipment (3.09)

The Increase of Food Production (14.00)

#### KAZAKHSTAN (1 project)

The Project for Improvement of Health Care Services in the Semipalatinsk Region (6.48)

#### KYRGYZ (1 project)

The Increase of Food Production (3.30)

#### LAOS (10 projects)

The Project for Construction of Pakse Bridge (2.24)

The Project for Development of Groundwater in Champasak and Saravanh Provinces (0.83)

The Project for Reconstruction of Bridges on the National Road Route 13 (Phase 2) (16.16)

The Project for Construction of New Sethathirath Hospital (13.02)

The Project for Improvement of the National Road Route 9 (1.32)

The Project for Improvement of the National Road Route 9 (Phase 2) (1.12)

The Project for Construction of Facilities and the Lao-Japan Human Resource Cooperation Center in the National University of Laos (2.83)

The Project for Human Resource Development Scholarship (2.40)

The Increase of Food Production (3.50)

Food Aid (4.00)

#### MALDIVES (2 projects)

The Project for the Seawall Construction in Male' Island (Phase 4) (8.02)

Food Aid (1.70)

#### MONGOLIA (6 projects)

The Project for Improvement of Primary Education Facilities (8.30)

The Project for Rehabilitation of Power Plants of Sum Centers (Phase 4) (11.38)

The Project for Improvement of Roads in Ulaanbaatar (3.05)

The Project for Improvement of Regional Health Services and Diagnosis Centers (11.92)

The Project for Rehabilitation of Railway Facilities (5.30)

The Project for Establishment of the Japan-Mongolia Center for Human Resources Development Cooperation (4.42)

## IV

Fiscal 2000 Results

2 Projects Implemented in FY 2000/JICA's Grant Aid

**MYANMAR (2 projects)**

The Project for Rural Drinking Water Supply in Shan State (6.24)

The Project for Improvement of Medical Equipment for Yangon General Hospital (2.25)

**NEPAL (6 projects)**

The Project for Construction of Sindhuli Road (Section 4: Nepalthok-Dhulikhel) (7.41)

The Project for Construction of Primary Schools under Basic and Primary Education Programme 2 (8.10)

The Project for Improvement of Intersections in Kathmandu City (0.23)

The Project for Improvement of Storage Facilities of Iodized Salt (5.37)

The Project for Construction of Sindhuli Road (Section 2: Sindhuli Bazar-Khurkot) (4.09)

The Increase of Food Production (8.50)

**PAKISTAN (1 project)**

The Project for Expansion of Immunization against Neonatal Tetanus (3.80)

**PHILIPPINES (8 projects)**

The Project for Rehabilitation of Apron at Angat Afterbay Regulator Dam (0.33)

The Project for Rehabilitation of the Approach Rader Facility in the Ninoy Aquino International Airport (18.93)

The Project for Rehabilitation of the Flood Control Operation and Warning System in Metro Manila (10.48)

The Project for Establishment of the National Tuberculosis Reference Laboratory (4.15)

The Project for Construction and Equipping of the Davao Medical Center (3.41)

The Project for Construction of a Hydraulic Laboratory Building (0.46)

The Project for Flood Mitigation in Ormoc City (Phase 2) (6.43)

The Increase of Food Production (15.50)

**SRI LANKA (5 projects)**

The Project for Reconstruction of Five Bridges (2.74)

The Project for Reconstruction of Gampola Bridge and Muwagama Bridge (0.41)

The Project for Improvement of Fishery Harbour Facilities and Fisheries Training Center at Tangalle (4.72)

The Project for Improvement of Medical Equipment in General Hospital Matara (3.62)

The Increase of Food Production (6.00)

**UZBEKISTAN (4 projects)**

The Project for Human Resource Development Scholarship (2.42)

The Project for Improvement of Equipment for the Tashkent Institute of Textile and Light Industry (4.40)

The Project for Provision of Vaccines for Children (2.04)

The Increase of Food Production (5.50)

**VIET NAM (10 projects)**

The Project for Improvement of the Bach Mai Hospital (11.69)

The Project for Expansion of Water Supply System in Hai Duong City (15.75)

The Project for Human Resource Development Scholarship (1.59)

The Project for Improvement of the Transport Technical and Professional School No. 1 (8.15)

The Project for Afforestation on the Coastal Sandy Area in Southern Central (2.79)

The Project for Construction of Viet Nam-Japan Human Resources Cooperation Center in Ho Chi Minh City (3.81)

The Project for Improvement of Facilities of Primary Schools in the Northern Mountain Region (4.99)

The Project for Accelerated Measles Control (4.47)

The Project for Prevention and Control of HIV/AIDS Transmission (3.82)

The Project for Improvement of Drainage in Tan Chi Agricultural Area (2.39)

**MIDDLE EAST****EGYPT (3 projects)**

The Project for Expansion of the Suez Canal Bridge (12.62)

The Project for Construction of the Suez Canal Bridge (19.73)

The Project for Rehabilitation and Improvement of Mazoura Regulator on Bahr Yusef Canal (8.38)

**JORDAN (2 projects)**

The Project for Improvement of Water Supply System to Greater Amman (Phase 2) (25.13)

The Project for Improvement of Equipment for Vocational Training for the People with Disabilities (2.43)

**MOROCCO (2 projects)**

The Project for Improvement of Equipment for Rural Roads (9.26)

The Project for Drinking Water Supply in Southern Provinces (4.29)

**OMAN (1 project)**

The Project for Construction of Fisheries Quality Control Center (6.83)

**SYRIA (3 projects)**

The Project for Improvement of Seed Multiplication Capacity (4.78)

The Project for Improvement of Water Supply in the Rural Province of Damascus (13.07)

The Increase of Food Production (7.70)

**YEMEN (2 projects)**

The Project for Expansion of Tuberculosis Control in the Southern Governorates (5.64)



The Increase of Food Production (6.00)  
**PALESTINE (3 projects)**  
 The Project for Construction of School Facilities for Basic Education in the West Bank (10.89)  
 The Project for Improvement of Water Distribution Facilities in the Northern Districts of the West Bank (Phase 2) (13.22)  
 The Project for Expansion of Immunization (Phase 2) (2.77)

## AFRICA

**ANGOLA (6 projects)**  
 The Project for Water Supply in Luanda Province (2.59)  
 The Project for Improvement of Medical Equipment in Primary Health Facilities in Luanda Province (3.81)  
 The Project for Improvement of Child Health (4.76)  
 The Project for Rehabilitation of Telephone Network in Luanda Phase 2 (5.78)  
 The Increase of Food Production (2.50)

Food Aid (5.90)  
**BENIN (2 projects)**  
 The Increase of Food Production (2.00)  
 Food Aid (2.00)

**BURKINA FASO (3 projects)**  
 The Project for Drinking Water Supply for the Eradication of Guinea Worm (2.25)  
 The Increase of Food Production (3.00)  
 Food Aid (2.50)

**CAPE VERDE (1 project)**  
 Food Aid (1.60)

**CENTRAL AFRICA (3 projects)**  
 The Project for Reconstruction of National Route No. 3 (9.88)  
 The Project for Reconstruction of National Route No. 1 (3.82)  
 The Project for Reinforcement of Mother and Child Health and Measures against Diseases (5.26)

**ERITREA (1 project)**  
 The Increase of Food Production (5.00)

**ETHIOPIA (3 projects)**  
 The Water Supply Project for Urban Centers (9.45)  
 The Project for Rehabilitation of Trunk Road (20.20)  
 The Increase of Food Production (5.50)

**GABON (1 project)**  
 The Project for Improvement of Fisherman Center (7.21)

**GAMBIA (1 project)**  
 The Increase of Food Production (1.70)

**GHANA (3 projects)**  
 The Project for Improving Primary Health Care (6.51)  
 The Project for Rural Water Supply (5.11)  
 Food Aid (2.80)

**GUINEA (4 projects)**  
 The Expanded Programme on Immunization Plan (2.15)

The Project of Coastal Water Supply (4.20)  
 The Increase of Food Production (2.80)  
 Food Aid (3.40)

**KENYA (3 projects)**  
 The Project for Improvement of New Nyali Bridge and New Mtwapa Bridge (5.70)  
 The Project for Improvement of Health Centers in the Western Part of Kenya (1.37)  
 The Increase of Food Production (9.20)

**LESOTHO (2 projects)**  
 The Project for Infrastructural Support and Educational Equipment Supply to National Teacher Training College in Maseru (5.73)  
 The Increase of Food Production (1.90)

**MADAGASCAR (4 projects)**  
 The Project for Improvement of Fisheries Distribution Facilities in Mahajanga (7.02)  
 The Project for Groundwater Development in Southwestern Part (Phase 2) (3.47)  
 The Increase of Food Production (3.50)

Food Aid (3.00)  
**MALAWI (1 project)**  
 The Project for the Reconstruction of Mangochi Bridge (8.33)

**MALI (4 projects)**  
 The Expanded Programme on Immunization Plan (4.79)  
 The Project for Construction of Classrooms of Primary Schools (6.19)  
 The Project for Water Supply in Kati, Koulikoro and Kangaba Districts (4.46)

The Increase of Food Production (4.50)  
**MAURITANIA (5 projects)**  
 The Project for Construction of Classrooms of Primary Schools in Nouakchott (6.41)

The Project for Drinking Water Supply for the Eradication of Guinea Worm (3.23)  
 The Project for Expansion of Nuadhibou Fishing Port (8.03)  
 The Increase of Food Production (3.00)

Food Aid (2.50)  
**MOZAMBIQUE (4 projects)**  
 The Project for Groundwater Development for Rural Water Supply in Zambezia Province (9.90)  
 The Project for Rehabilitation of Health Conditions in Flood Affected Areas (4.91)

The Project for Reconstruction of Bridges on Main Roads (Phase 2) (2.53)  
 Food Aid (5.10)

**NAMIBIA (1 project)**  
 The Increase of Food Production (2.50)

**NIGER (2 projects)**  
 The Increase of Food Production (4.00)  
 Food Aid (3.00)

# IV

Fiscal 2000 Results

2 Projects Implemented in FY 2000/JICA's Grant Aid

**NIGERIA (2 projects)**

The Project for Rural Electrification (12.00)

The Increase of Food Production (3.40)

**SAO TOME AND PRINCIPE (1 project)**

Food Aid (1.50)

**SENEGAL (7 projects)**

The Project for Construction of Classrooms of Primary Schools (6.23)

The Project for Water Supply in Rural Communities (4.43)

The Project for Construction of Kayar Fishery Center (5.35)

The Project of Costal Afforestation (0.34)

The Project for Reinforcement of Mother and Child Health and Measures against Malaria (3.90)

The Increase of Food Production (4.00)

Food Aid (2.50)

**SEYCHELLES (1 project)**

The Project for Coastal Fisheries Development (5.76)

**SWAZILAND (1 project)**

The Increase of Food Production (1.80)

**TANZANIA (7 projects)**

The Project for Makuyuni-Ngorongoro Road Rehabilitation (0.90)

The Project for the Supply of Training Equipment to Mtwara Vocational Training Center (3.39)

The Project for Strengthening the Radio Broadcasting for School Education by Improving the Quality of Education and Promotion of Equal Access to Education (14.34)

The Project for Mwega Smallholder Irrigation in Morogoro Region (2.55)

The Project for Construction of Fish Market Complex, Dar es Salaam (7.89)

The Increase of Food Production (8.00)

Food Aid (5.00)

**TOGO (1 project)**

The Project for Water Supply in Rural Communities (4.82)

**UGANDA (2 projects)**

The Project for Improvement of Agricultural Extension and Training Institute (0.16)

The Project for Rural Water Supply (9.74)

**ZAMBIA (3 projects)**

The Project for Construction of the Chirundu Bridge (4.67)

The Project for Groundwater Development and Sanitation Improvement in Drought Prone Rural Areas (5.09)

The Project for Improvement and Maintenance of Lesaka City Roads (Phase 2) (10.80)

**ZIMBABWE (2 projects)**

The Nynkombira Irrigation Development Project (Phase 2) (3.32)

The Project for Construction of the Chirundu Bridge (4.67)

**LATIN AMERICA****ANTIGUA (1 project)**

The Project for Rehabilitation of Artisanal Fishery (8.57)

**BOLIVIA (5 projects)**

The Project for Improvement of Medical Equipment of La Paz Mother and Child Health Hospital (9.27)

The Project for Construction of Facilities for Primary Schools (8.51)

The Project for Improvement of Agriculture in Achacachi Area (8.17)

The Project for Improvement of Roads in the Northwestern Part of Santa Cruz (6.63)

The Increase of Food Production (4.50)

**COLOMBIA (1 project)**

The Project for Rehabilitation of Medical Service in Quindio Province (5.27)

**DOMINICA (1 project)**

The Project for Coastal Fisheries Development (5.94)

**DOMINICAN REPUBLIC (3 projects)**

The Project for Improvement of Mercado Stream Irrigation in Jarabacoa Area (4.92)

The Project for Expansion of Equipment for the National Institutes of Technical Vocational Training (4.50)

The Increase of Food Production (4.00)

**ECUADOR (3 projects)**

The Project for Reinforcement of Equipment for Rural Roads in El Oro Province (7.50)

The Project for Groundwater Development in Loja Province (6.85)

The Increase of Food Production (5.30)

**EL SALVADOR (4 projects)**

The Project for Water Supply in Rural Communities (4.65)

The Project for Urgent Rehabilitation of Bridges on Trunk Roads (4.11)

The Project for Urgent Rehabilitation of Bridges on Trunk Roads (0.24)

The Increase of Food Production (4.00)

**GUATEMALA (3 projects)**

The Project for Rehabilitation of the Training Institutes for Medical Service Staff (2.13)

The Project for Improvement of Equipment for Vocational Training Center (6.89)

The Increase of Food Production (4.00)

**HAITI (2 projects)**

The Increase of Food Production (3.00)

Food Aid (3.60)

**HONDURAS (9 projects)**

The Project of Flood and Sediment Control Operation in Choloma River (5.07)

The Project for Reinforcement of Flood Control Operation in Choloma River (2.66)  
 The Project for Improvement of Equipment for Archeological Activities Centering on Mayan Civilization (2.24)  
 The Project for Reconstruction of Bridges in Tegucigalpa Region (10.63)  
 The Project for Construction of Ilama Bridge and Democracia Bridge (12.50)  
 The Project for Reconstruction of Choluteca Bypass Bridge (8.08)  
 The Project for Reconstruction of Guasaule Bridge (2.44)  
 The Project for Rehabilitation of Water Supply in Tegucigalpa City (4.51)  
 The Increase of Food Production (3.50)  
**NICARAGUA (8 projects)**  
 The Project for Improvement of Child Health (Phase 2) (4.86)  
 The Project for Reconstruction of Bridges on Main Roads (Phase 2) (0.56)  
 The Project for Improvement of Water Supply System in Managua City (Phase 2) (17.91)  
 The Project for Construction of Facilities for Primary Schools (Phase 2) (3.77)  
 The Project for Reconstruction of Bridges on Trunk Roads (9.88)  
 The Project for Reconstruction of Guasaule Bridge (2.44)  
 The Project for Construction of Facilities Relating to Rio Negro Bridge (1.86)  
 The Increase of Food Production (5.00)  
**PERU (1 project)**  
 The Increase of Food Production (5.00)  
**SAINT CHRISTOPHER AND NEVIS (1 project)**  
 The Project for Construction of the Basseterre Fisheries Complex (3.81)

#### OCEANIA

**KIRIBATI (1 project)**  
 The Project for Improvement of Betio Port (0.77)  
**MARSHALL ISLANDS (1 project)**  
 The Project for Development of Fishing Communities in Jaluit Atoll (4.07)  
**MICRONESIA (2 projects)**  
 The Project for Improvement of Takatik Fishing Port in Pohnpei State (4.59)  
 The Project for the Road Improvement for the State of Yap (0.49)  
**PALAU (2 projects)**  
 The Project for Construction of Palau International Coral Reef Center (5.21)  
 The Project for Construction of New Koror-Babeldaob Bridge (16.02)

**PAPUA NEW GUINEA (2 projects)**  
 The Project for Reconstruction of Leron Bridge and Bitija Bridge on the Highlands Highway (0.45)  
 The Project for Town Water Supply (0.67)  
**SAMOA (3 projects)**  
 The Project for Construction of a Tugboat for Apia Port (3.98)  
 The Project for the Second Development of Apia Port (0.49)  
 The Project for Construction of South Pacific Regional Environment Program Training and Education Centre (3.68)  
**TONGA (1 project)**  
 The Project for Improvement of the Nuku'alofa Water Supply (3.20)  
**TUVALU (1 project)**  
 The Project for Construction of the Inter Island Vessel for Outer Island Fisheries Development (9.01)  
**VANUATU (1 project)**  
 The Project for Improvement of the Ring Road in Efate Islands (5.35)

#### EUROPE

**ALBANIA (2 projects)**  
 The Project for Improvement of Medical Equipment for the Pediatric Hospital "Mother Teresa" of University Center of Tirana (3.92)  
 The Increase of Food Production (4.60)  
**BOSNIA-HERZEGOVINA (1 project)**  
 The Project for Rehabilitation of Public Transportation System in Mostar (7.69)  
**MACEDONIA (3 projects)**  
 The Project for Improvement of Medical Equipment for Primary Health Care Services (9.02)  
 The Project for Improvement of Road Maintenance Equipment (8.07)  
 The Increase of Food Production (2.70)  
**MOLDOVA (2 projects)**  
 The Project for Improvement of Maternal and Child Health Care System in the Second Level Hospitals (7.15)  
 The Increase of Food Production (3.80)  
**UKRAINE (1 project)**  
 The Project for Improvement of Medical Equipment in the Ukrainian Specialized Children Hospital "OKHMATDYT" (7.29)

(Total: 249 projects)

#### Notes:

1. This list shows Grant Aid projects (expedited by JICA) approved by the Cabinet in fiscal 2000 and signed (E/N) by the end of June 2000.
2. Figures in parentheses are for the maximum grant (E/N base, unit: ¥100 million).

## IV

Fiscal 2000 Results

2 Projects Implemented in FY 2000/JICA's Grant Aid

## Development Cooperation Studies

### ASIA

#### CHINA (6 projects)

Infrastructure Improvement for Hops Cultivation Project (examination of investment and financing)

The Hubei Province Rape Seed Quality Improvement Project in China (development study)

Alkaline Soil Improvement Trial Project of the Shanxi Province (development study)

Alkaline Soil Improvement Trial Project of the Shanxi Province (preliminary study)

Feasibility Study on Animal Husbandry Development in China (basic study)

Pilot Project on Natural Wax Development in China (examination of investment and financing)

#### INDONESIA (5 projects)

Survey Team for Financial Cooperation on Asahan Aluminum Projects in the Republic of Indonesia (examination of investment and financing)

Pilot Project on Production of Chrysanthemum Scion in the Republic of Indonesia (examination of investment and financing)

Development Project on Carbon Fixing Forest Management (basic study)

Development Project on Carbon Fixing Forest Management (preliminary study)

Development Project on Carbon Fixing Forest Management (development study)

#### MALAYSIA (3 projects)

Acacia Hybrid Plantation in Malaysia (basic study)

Survey Team for the Financial Cooperation for Experimental Project on Ceramic Materials in Malaysia (examination of investment and financing)

Small-Scaled Forest Plantation Using Fast-Growing Tree Species Project in Malaysia (development study)

#### MONGOLIA (1 project)

Agriculture and Animal Husbandry Development Cooperation in Mongolia (basic study)

#### PHILIPPINES (2 projects)

Pilot Project on Foliage Plant Development in the Republic of the Philippines (examination of investment and financing)

Financial Cooperation Project on Plantation of Malapapaya in the Republic of the Philippines (basic study)

#### THAILAND (2 projects)

Financial Cooperation Projects (Technical Development Project for Agro-Forestry in Sattahip) in the Thailand (examination of investment and financing)

Financial Cooperation Project (Pilot Project of Flowers Cultivation) (examination of investment and financing)

#### VIET NAM (1 project)

Pilot Project of Soil Improvement and Dye Crops Cultivation (basic study)

### MIDDLE EAST

#### TURKEY (1 project)

The Experimental Project on Soft Retrofitting for Failure in the Republic of Turkey (development planning study)

### LATIN AMERICA

#### ARGENTINA (1 project)

Financial Cooperation Project on Hops Cultivation (basic study)

#### BRAZIL (4 projects)

The Third Stage of the Cerrado Agricultural Development Cooperation Program (project evaluation study)

Impact Study on Agricultural Development Program in CERRADO (preliminary study)

Impact Study on Agricultural Development Program in CERRADO (evaluation of impact on regional development)

The Third Stage of the Cerrado Agricultural Development Cooperation Program (examination of investment and financing)

#### CHILE (1 project)

Promoting JICA's Financial Cooperation in Afforestation for Environmental Conservation (Pilot Project) (promotion of investment and financing in connection)

#### PARAGUAY (1 project)

Pilot Projects in Paraguay (evaluation of impact on regional development)

### OCEANIA

#### FII (1 project)

The Study Team for the Experimental Projects for Environmental Conservation in Fiji (promotion of investment and financing in connection)

(Total: 29 projects)

#### Note:

This list represents projects implemented during fiscal 2000 for Development Cooperation Studies or Development Cooperation technical support.

## Dispatch of Japan Disaster Relief Teams and Provision of Emergency Relief Supplies

### ASIA

#### CAMBODIA (1 incident)

Flood, 14 September 2000, Provision of Emergency Relief Supplies

#### INDIA (1 incident)

Earthquake, 27 January 2001, Medical Team Dispatch  
Earthquake, 30 January 2001, Provision of Emergency Relief Supplies

Earthquake, 4 February 2001, Self-Defense Force Dispatch

#### INDONESIA (2 incidents)

Earthquake, 6 June 2000, Medical Team Dispatch  
Earthquake, 6 June 2000, Provision of Emergency Relief Supplies

Flood, Landslide, 5 December 2000, Provision of Emergency Relief Supplies

#### PAKISTAN (1 incident)

Drought, 21 June 2000, Provision of Emergency Relief Supplies

### AFRICA

#### MOZAMBIQUE (1 incident)

Flood, 9 March 2001, Provision of Emergency Relief Supplies

### LATIN AMERICA

#### BELIZE (1 incident)

Hurricane, 13 October 2000, Provision of Emergency Relief Supplies

#### EL SALVADOR (2 incidents)

Earthquake, 15 January 2001, Medical Team Dispatch  
Earthquake, 15 January 2001, Provision of Emergency Relief Supplies

Earthquake, 15 February 2001, Provision of Emergency Relief Supplies

#### PANAMA (1 incident)

Downpour, 5 October 2000, Provision of Emergency Relief Supplies

(Total: 10 incidents)

#### Note:

The dates listed here refer to the assigned date of dispatch and provision of emergency relief supplies.

# IV

Fiscal 2000 Results

## JICA Partnership Program and JICA Grassroots Partnership Program

### JICA PARTNERSHIP PROGRAM

#### Ongoing

BANGLADESH • Community-operated Reproductive Health Project

CAMBODIA • Improved Access to Primary Education in Rural Areas through Community Participation Project

LAOS • Wheelchair Production Project at National Rehabilitation Center

MYANMAR • Secure Water Supply Project in the Dry Zone Area

PHILIPPINES • Negros Original Sericulture Project

VIET NAM • Project for Promotion of Adult Literacy in the Northern Mountainous Region

- Preservation Project of Viet Nam Traditional Wooden Folk Houses

JORDAN • The Project for Integrated Agricultural and Animal Husbandry Development for Sustainable Environment Protection

#### Adopted

INDONESIA • Aqua-environment Project for a Demonstration River Basin in Semarang, Indonesia

- Malaria Control in Lombok and Sumbawa Islands

KENYA • Integrated Rural Development

### Provisionally Adopted

BANGLADESH • Mobile Arsenic Centre Project for Mitigation of the Arsenic Contamination of Drinking Water in Bangladesh

PHILIPPINES • The Project to Establish and Implement Environmental Conservation Plans in Local Government Units

THAILAND • Developing Vocational Opportunities and Creative Activities for People with Disabilities and Commercializing Hill-tribes' Crafts Project in Thailand

(Total: 15 projects)

### JICA GRASSROOTS PARTNERSHIP PROGRAM

#### Adopted

CAMBODIA • Establishment of a Data Monitoring System on Block Distribution

- Project on Legal Support for the Bar Association in the Kingdom of Cambodia

MONGOLIA • Introduction of a Plan for Composting of Livestock Waste and Domestic Waste in Tov of Mongolia

KENYA • Promotion and Managerial Guidance of Traditional Handicraft Producing Group

2 Projects Implemented in FY 2000/  
Development Cooperation Studies etc.

ZAMBIA • Establishment of a Basic Radiology Unit at Chainama College Teaching Clinic

BOLIVIA • Improvement of the Living Standard for Present Families in Potosi

- Public Health Improvement Project in Santa Cruz (Extermination of Parasitic Worms)

HONDURAS • Transfer of Knowledge and Training Methods to Help Children with Autism Achieve Independent Living

**Provisionally Adopted**

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INDIA • Promoting Women's Economic Independence through Assistance in Establishing a Sewing Workshop in Ambakkam, India

LAOS • Oral Health Education and Treatment of Oral Surgery for Leprosy Patients and Their Families; Technical Instruction of Treatment Techniques for Lao Dentists

- Hookworm Control Project
- Foundation of a Job Training Center for Disabled Persons

NEPAL • Aid to Women of Tokalpa Village and Vicinity

PAKISTAN • Education/Training Program on Infectious Diseases for Primary Health Workers in the North-West Frontier Province, Pakistan

VIET NAM • Project to Introduce Japanese Natural Forest Management Techniques to a Vietnamese NGO through Training and Forums

- Assistance for Solid Waste Management Improvement in Haiphong City
- Establishment of a Vocational Training Center to Support Independence of Blind (Visually Challenged) Youth
- Aid Project for Vietnamese Street Children

TANZANIA • HIV/AIDS Project—Capacity Building for HIV/AIDS Control in Nacrenge Division

(Total: 19 projects)

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**Note:**

Eight projects have been implemented, 12 projects have been adopted (meaning that international agreements have been concluded) and 14 projects have been provisionally adopted (preparation is ongoing to conclude international agreements).

## Development Assistance Terminology and JICA Terminology

### A

#### ● Aftercare cooperation:

Additional cooperation, including provision of equipment, that is carried out as needed two to three years after completion of Project-type Technical Cooperation. In addition, as a part of aftercare cooperation, in the Acceptance of Technical Training Participants program and Youth Invitation Program, support is given to the establishment and management of alumni associations for such groups, and reference materials are sent to former training participants after their return to their home countries.

#### ● Aid fatigue:

A situation where aid from developed donor countries either fails to increase, or decreases. Causes include worsening financial affairs and economic downturn as well as lack of recognizable aid effects, leading to doubts about aid and thus, sometimes making it difficult to gain support for increasing aid budgets.

#### ● Aid for increase of food production:

Helping producers to step up food production is the key to solving food problems in the developing world. Under this Grant Aid scheme, developing countries are helped to achieve self-sufficiency through the provision of fertilizers, agricultural chemicals and agricultural machinery.

### B

#### ● Basic design study (B/D):

Japan's Grant Aid programs are initiated in line with decisions (generally based on JICA's own B/D) made by the Japanese government on matters such as suitability and content. These studies aim to explore a project's potential and to create both optimum and alternative plans for its realization. The main topics include basic design, construction costs, work processes, alternative plans, economic and technical feasibility, financial concerns and administrative systems.

#### ● Basic human needs (BHN):

A new aid concept based on the realization that past forms of aid that emphasized economic development have not always benefited the poor in less developed countries. The idea is to find ways to provide aid of direct use to people with low incomes. BHN refers specifically to basic living needs such as food, housing, clothing, safe drinking water, sanitary facilities, health care and education.

#### ● Bilateral aid:

An ODA category denoting aid between a donor and a recipient. Its benefits include provision of flexible,

detailed aid by the donor and furtherance of friendly relations between the two sides, since the aid policies and achievements of the donor leave a direct impression on the recipient.

#### ● (Convention on) Biological Diversity:

A convention providing comprehensive protection for biological diversity and encouraging sustainable use of natural resources in order to prevent any further extinction of biological species from the global perspective. The convention starts from the assumption that a whole range of biological diversity consists of three levels, namely habitat, species and genes, and that maintenance of this diversity is the only way to save life forms from extinction. Another feature is that the convention is concerned not merely with protection but also with preservation through sustainable use. The convention was signed by Japan and around 150 other countries at the United Nations Conference on the Environment and Development (the "Earth Summit").

### C

#### ● Capacity-building:

A concept referring to the raising of the recipient's ability to execute and administer the process of institution-building, i.e. the process whereby the agent of implementation achieves self-reliance.

#### ● Common Agenda:

Common issues stipulated by Japan and the United States of America for the purpose of development cooperation for developing countries, based on a global view. It establishes joint US-Japan measures for issues that need global responses, such as the environment, population and AIDS.

#### ● Community Empowerment Program:

A program started in fiscal 1997 on the basis of the "Global Welfare Initiatives" proposed by Japan at the Lyon Summit in 1996. Support related to maternal and child health; welfare of the elderly, the disabled and children; and poverty alleviation measures are commissioned by JICA for non-governmental organizations (NGOs) active in the regions concerned (local NGOs).

#### ● Coordinator:

Personnel in charge of negotiations with the recipient country, contacting the related persons, managing funds, etc., in Project-type Technical Cooperation, projects involving Japan Overseas Cooperation Volunteers (JOCV) dispatch and field dispatch study teams.

#### ● Core support for important policies:

Direct support for pivotal institutions within governments responsible for formulation of important policies such as

financial and monetary policy, industrial policy, and regional policy concerned with transition to a market economy. Such support is a typical form of applied aid involving policy support. To implement this type of support systematically, the Japanese government introduced a "program of core support for important policies" in fiscal 1995 for implementation in Poland, Uzbekistan and Viet Nam. In addition, "market economy-type development studies" began in fiscal 1994 are offering higher levels of institutional and policy support for the introduction of the market economy.

● **Counterparts:**

Local technical experts who work together with JICA experts and Japan Overseas Cooperation Volunteers (JOCV) sent to developing countries to provide technical assistance and who receive technical instruction from these JICA experts or JOCV.

**D**

● **DAC list:**

The DAC list includes recipient countries and regions covered by aid statistics compiled by the Development Assistance Committee (DAC), and is divided into two parts. Part I consists of developing countries and Part II of countries not considered as such, i.e. countries in Eastern Europe, the former Soviet Union and Singapore, where development is relatively advanced.

● **DAC New Development Strategy:**

A long-term aid strategy for the 21<sup>st</sup> century adopted by the Development Assistance Committee (DAC) in May 1996. Japan played a leading role in its formulation. A "new global partnership" to realize common development goals based on a division of responsibility between developing and developed nations was proposed. Goals fall into the three categories of economic welfare, social development and sustainable environmental potential. Specific targets for realization by 2015 include halving the proportion of people living in extreme poverty, providing universal primary education in all countries, and reducing infant and maternal mortality.

● **Development Assistance Committee (DAC):**

The Development Assistance Committee (DAC) was formed in 1961 as a subordinate agency of the Organisation for Economic Co-operation and Development (OECD). DAC examines the implementation of aid by member countries and the aid policies being pursued by these countries, studies the state of economic development and aid conditions in different countries and regions, and considers a wide range of problems such as cumulative debt. Where necessary, it also gives advice to member countries. As of

1999, DAC consisted of 22 developed countries as well as the European Union (EU).

● **Digital divide:**

The gap between those who have information and those who do not. Describes the further widening economic gap caused by the wealthy, who continue to increase their economic power by obtaining information using computers and communications equipment, thereby distancing themselves economically from the poor.

● **Donor:**

A country or organization that provides aid. In contrast, "recipient" refers to a developing country that receives aid.

**F**

● **Food aid:**

Under this Grant Aid scheme, Japan offers aid on the basis of the Food Aid Convention (FAC) of 1986; it is committed to providing the equivalent of at least 300,000 tons of wheat annually. In line with the wheat conversion method stipulated in the FAC, Japan is fulfilling its aid obligations by providing the funds needed for developing countries to purchase rice, wheat, maize and other cereals.

**G**

● **Gender:**

Differentiation based on social constructs rather than biology.

● **Global issues:**

Issues of global significance such as the environment, population, HIV/AIDS, women in development (WID) and narcotics. Also includes issues requiring international cooperation for their solution.

● **Good governance:**

Refers to ensuring, among other things, efficiency, effectiveness, transparency, the rule of law, dialogue with civil society and reduction of excessive military expenditures in politics and administration. In its ODA, Japan considers aid that encourages these aspects, and also considers development in harmony with the environment and aid for basic human needs (BHN) as cooperation toward good governance.

● **Graduation:**

A condition arising as a consequence of economic development whereby a developing country has become able to pursue further development without assistance from developed countries. Graduation is conditional on a per capita gross domestic product (GDP) of more than US\$8,625.



● **Grant aid for rehabilitation:**

Although a loan aid project may require rehabilitation, considerations such as urgency, profitability or the scale of the work may preclude a response involving Grant Aid. Grant aid for general project can be provided in such cases.

● **Grant assistance for grassroots projects:**

A form of Grant Aid executed through Japan's overseas diplomatic offices to support small-scale projects that cannot be dealt with adequately by means of ordinary Grant Aid. Implemented in response to requests from local governments and non-governmental organizations (NGOs) in developing countries.

● **Grant element:**

An index of the flexibility of aid conditions in financial cooperation. The more flexible the terms of the loan (interest, repayment period, grace period, etc.), the larger the grant element. A Grant Aid project has a 100% grant element.

**H**

● **Human-centered development:**

An approach to economic cooperation from the viewpoint of individual human lives, welfare and happiness. From the late 1980s, the importance of "human development" came to be stressed. The declaration adopted at the 1995 United Nations World Summit for Social Development states that "we will...place people at the centre of development and direct our economies to meet human needs more effectively" and clearly indicates its view that economic cooperation should strive for "human-centred development."

● **Human security:**

This term was used as one of a pair together with "human-centered development" in the United Nations Development Programme (UNDP)'s "Human Development Report" of 1994. Human security applies to the individual, who should be free from the threat of starvation, disease and repression due to race or belief. The UNDP classifies human security into the seven categories of food, health, environment, the individual, regional communities, politics and the economy.

**I**

● **Infrastructure:**

The generic name for the capital equipment and facilities that provide the general foundation for economic activities. Also known as social capital. Infrastructure can be divided into two categories: economic infrastructure, referring to fundamental items connected with daily life such as energy, roads, ports, rivers, communications, agricultural

foundations, railways and airports; and social infrastructure, i.e. the facilities underpinning our everyday lives and environment such as public hygiene, education, housing, water and drainage.

● **International Development Association (IDA):**

Also known as the "Second World Bank," the IDA was founded in September 1960 at a time of increasing demand for aid to developing countries. Since the World Bank and the International Finance Corporation (IFC) are semi-commercial financial institutions, there was a call for an institution that could provide aid to developing countries under more flexible conditions. Membership is restricted to World Bank member nations, of which there were 161 as of March 2000.

**J**

● **Japan Bank for International Cooperation (JBIC):**

A special governmental corporation founded through the merger of the Export-Import Bank of Japan and the Overseas Economic Cooperation Fund (OECF). It conducts export and investment financing and other international financing business, and extends yen loans and other overseas economic cooperation to developing countries.

● **Japan Centers:**

Established as bases to support reform efforts aimed at transition to market economies in former socialist countries of the Commonwealth of Independent States (CIS) and Indochina. Japan dispatches experts and carries out other cooperation, implements various types of training to cultivate human resources, and conducts Japanese language education and introductions to Japanese culture.

● **JICA Grassroots Partnership Program with NGOs, Local Governments and Institutes:**

A program in which JICA commissions Japanese non-governmental organizations (NGOs), local governments and universities possessing experience and expertise in international cooperation in areas such as social development and policy and institutional support. It differs from a JICA Partnership Program in that smaller organizations are extensively eligible, project scale is within ¥10 million, project duration is within one year, and other aspects. Thus, such a cooperation project is carried out on a smaller scale and in a more detailed manner.

● **JICA Partnership Program with NGOs, Local Governments and Institutes:**

This program is a method of responding to diversifying local needs in developing countries and providing minutely tailored aid to residents at the grassroots level, for which JICA commissions Japanese non-governmental organizations (NGOs), local governments and universities

possessing experience and expertise in this kind of international cooperation.

● **Junior Professional Officer (JPO):**

JPOs are employed under a system of practical training for young Japanese wishing to become full employees of international public service organizations. They are given the opportunity to work for a certain period for international organizations such as United Nations Development Programme (UNDP), United Nations Industrial Development Organization (UNIDO) and World Health Organization (WHO), where it is hoped they will increase their specialized knowledge and gain experience in international activities. JPOs are generally sent for two years to the regional offices of international agencies worldwide. Their salaries and allowances are paid entirely by the Japanese Ministry of Foreign Affairs.

● **Least among less developed countries (LLDC):**

An income-based classification of developing countries employed by the United Nations and referring to the least developed countries.

● **Loan assistance:**

A government loan on a bilateral basis with a long repayment period and a low-interest rate. In Japan, the Japan Bank for International Cooperation (JBIC) provides yen-based loans, also known as "yen loans."

● **Local costs:**

Costs borne by a recipient country for implementation and management of a project. Refers specifically to the costs of land acquisition, personnel costs for counterparts and project staff, costs needed for moving equipment and materials, and recurrent costs (administration and maintenance of buildings, equipment and materials, and staff employment).

● **Local in-country Training:**

This JICA training program is aimed at transferring and popularizing skills in developing countries. Former participants in Japanese Technical Cooperation play a central role in implementing training for local participants in their own countries.

● **Mercado Común del Sur (MERCOSUR):**

A regional common market founded in 1991 by Argentina, Brazil, Paraguay and Uruguay.

● **Multilateral aid:**

A form of ODA involving cooperation with developing

countries through provision of funds to the World Bank and international organizations. It gives access to the specialized knowledge, experience and global aid networks of international organizations, and ensures political neutrality. Many benefits ensue: refugee aid not easily tackled through bilateral aid can be provided; global environmental issues can be addressed; and aid can be provided more effectively than with bilateral aid in cases where there is inadequate information available on recipient areas and aid methods.

● **New debt strategy:**

A strategy based on a proposal made by then-US Treasury Secretary Nicholas Brady at a G7 meeting. Premised upon a medium-term economic plan by the International Monetary Fund (IMF) and the World Bank, its aim is to reduce private debt among middle-income debtor nations.

● **Ownership:**

The self-help efforts of developing countries. The basic concepts in the Development Assistance Committee (DAC) new development strategy are "ownership" (self-help efforts of developing countries) and "partnership" (linkage with more developed countries to support ownership). Specific targets are set over prescribed yearly terms.

● **Package cooperation:**

A cooperation method based on a comprehensive approach to development targets in specific priority aid sectors. It allows for flexible combinations of Project-type Technical Cooperation, Acceptance of Technical Training Participants, Dispatch of Technical Experts, Dispatch of Japan Overseas Cooperation Volunteers (JOCV) and other forms of Technical Cooperation and Grant Aid.

● **Participatory development:**

This concept, which has provoked interest since the late 1980s as a development aid strategy, is defined by the Development Assistance Committee (DAC) of the Organisation for Economic Co-operation and Development (OECD) as follows:

- (1) Adoption of economic and fiscal policies that encourage wide-ranging participation in the production process, stimulate personal initiative and promote equitable distribution of the results of economic growth;
- (2) Unrestricted access to basic services such as education

and training, medical care, safe drinking water, and family planning;

- (3) Free participation in the formulation, implementation, management and evaluation of development projects and plans;
- (4) Stimulation of activities in the private sector (small companies, non-governmental organizations [NGOs] and grassroots movements);
- (5) Women's participation in development.

● **Partnership Program:**

A program carried out by a developing country that has previously received aid and has since experienced economic development that enables it to provide aid to another developing country, which it implements jointly with Japan on equal terms. JICA is implementing the acceptance of trainees and other types of Partnership Programs with countries such as Singapore, Thailand, Egypt and Chile.

● **Policy and institutional support:**

Various types of support aimed at shortages of expertise in the creation and operation of an economy and systems, as well as the lack of human resources to be involved in them faced by a country making the transition from old political systems to a market economy. Specifically, this includes holding "Seminars on Democratization" introducing the current state, history and experiences of Japan's legal, administrative, parliamentary and other systems; receiving trainees in the fields of market economy management and administrative management; and dispatching experts who offer advice on policy.

● **Post-conflict:**

A type of assistance for recovery and development after the conclusion of a regional conflict. Issues that remain after the conclusion of a regional conflict are numerous, and include restoration of facilities, promotion of industry, treatment of soldiers retired from service, assistance to the wounded, weapons control and maintenance of public order and safety. The objectives of post-conflict recovery and development assistance are to build peace and establish a foundation for sustainable development.

● **Poverty Reduction Strategy Paper:**

A report that the 1999 World Bank and International Monetary Fund (IMF) Development Committee required independent preparation by heavily indebted poor countries (HIPC) hoping for debt reductions, for the purpose of approving or disapproving debt reduction. Special attention to poverty countermeasures is demanded in preparing the paper, as economic reform accompanying debt reduction has a tendency to shift the loss on to the poor.

● **Project formulation advisor:**

An advisor dispatched by JICA to a developing country who gathers materials and information and exchanges views with related persons in order to formulate effective cooperation projects that are tailored to actual conditions in the country.

● **Project formulation studies:**

When cooperation is provided, there may be a lack of clarity concerning relations with other aid organizations, particularly in connection with the recipient country's development plans and fields of cooperation, the effects of cooperation, influence on the environment and society and sustainability. JICA carries out project formulation studies to clarify such matters and compensate for any inadequacies. Study teams are sent to discuss matters with the recipient government and related organizations, and support may be provided for drafting requests.

● **Public participation expert:**

An expert dispatched to a developing country to make waste disposal, lacquer art and other techniques and experience possessed mainly by Japanese local governments and regions useful to the regions of developing countries.

**R**

● **Reproductive health:**

A state of health in which all the functions and active processes of the human reproductive system are free from illness or impediment and are maintained in a wholly satisfactory condition (physically, mentally and socially).

● **Research cooperation:**

A type of Technical Cooperation under which researchers from Japan and developing countries engage in joint research on topics related to economic and social development in specific developing countries. Cooperation normally lasts three years. JICA sends groups of experts, accepts counterparts for training, and, when necessary, formulates special measures to provide portable equipment and local working costs.

**S**

● **Senior Advisor:**

An expert working for JICA who is devoted to Technical Cooperation activities. Overseas they act as high-level advisors, project leaders and general experts, while in Japan they conduct various kinds of research, offer advice on research, train would-be experts and instruct technical training participants from overseas.

● **South Asian Association for Regional Cooperation (SAARC):**

An association founded in 1985 aimed at regional cooperation in seven countries of Southwest Asia.

● **South-South cooperation:**

Mutual economic development between developing countries through regional cooperation. Development in these countries was previously thought to depend upon financial and technical aid from more developed countries. But, as evident in the emergence since the 1970s of the Organization of Petroleum Exporting Countries (OPEC) and the newly industrializing economies (NIEs), the developing countries have diversified and we are now aware of how important it is for them to cooperate among themselves. In particular, the capital-intensive, knowledge-intensive technology of the more developed countries often fails to meet the needs of developing nations, whose main need is for labor-intensive technology. Since the late 1970s, cooperation between the developing nations ("South-South cooperation") has been encouraged by institutions such as the United Nations Conference on Trade and Development (UNCTAD).

● **Structural adjustment:**

Economic revitalization involving stabilization of the macro-economy in the short-term and, in the medium-term, deregulation of finance and trade, privatization of public companies and stimulation of free competition among private companies. Introduced in the early 1980s by the World Bank and the International Monetary Fund (IMF) in response to debt crisis among developing countries.

● **Sustainable development:**

An approach to development recognizing the need for the present generation to preserve the environment and maintain resources for future generations.

● **Technology transfer:**

Organizations and individuals possessing specific skills transfer them to other organizations and individuals through education and training, and then strive to ensure that they take root and spread. Technology transfer occurs at various levels, such as between governments or between companies. In the case of economic cooperation, production and managerial skills required to further development in developing countries are transferred from developed countries or companies.

● **Third-country expert:**

One type of JICA expert dispatch. An expert, who is from a developing country, is dispatched to another developing

country as a technical cooperation expert, as part of support for South-South cooperation. Technical transfer is more suitably and efficiently carried out thanks to similarities in environment, technology standards, culture and language between the two countries.

● **Third-country training:**

Training implemented by JICA aimed at enabling a developing country subject to technology transfer the skills it has acquired from Japan to other countries in the same region. Conceptually, Japan is the "first country," the recipient of Japanese technology is the "second country" and the neighboring country is the "third country."

● **Training participant initiated by local government:**

A trainee accepted by JICA based on a proposal for trainee acceptance submitted by a local government or other local body, in order to render regionally cultivated techniques and experience in fields such as wine-making and ironware production useful for development in developing countries.

● **Women in development (WID):**

Women play an extremely important role in economic and social activities. Awareness that women's participation in development is indispensable to effective development aid led to the concept of WID in the context of United Nations efforts to raise the status of women and to enhance the efforts being made by developing countries to achieve development. The essence of WID is that women are not merely the beneficiaries but also the agents of development. From this standpoint, WID aims to encourage development aid that takes account of women's participation in development projects and, to make this possible, to improve the social and economic standing of women and heighten their status in general.

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- Overseas Economic Cooperation Fund, ed., *Keizai Kyoryoku Yogo Jiten* (Dictionary of Terms used in Economic Cooperation), Toyo Keizai Shinposha.
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### ■ DAC New Development Strategy

DAC New Development Strategy, Report of the Aid Study Committee on Japan's Official Development Assistance (Vol. 1: Overview; Vol. 2: Sectoral Studies; Vol. 3: Country Studies; Vol. 4: Country Data)

### ■ Public Participatory Cooperation

Study on Participation of Japanese Disabled People in International Cooperation Programs, Phase 2

### ■ Topical and Sectoral Studies

Sectoral Study on Development Assistance: Environment II

Sectoral Study on Development Assistance: Rethinking Poverty Reduction: PRSP and JICA

Sectoral Study on Development Assistance: Women in Development

Sectoral Study on Development Assistance: Population and Development II

Sectoral Study on Development Assistance: Development and Education

Sectoral Study on Development Assistance: Participatory Development and Good Governance

Sectoral Study on Development Assistance: Local Development and the Role of Government

Sectoral Study on Development Assistance: Peacebuilding

Study on Okinawa's Experience in Public Health and Medical Sector ICT for International Development

Participatory Evaluation and International Cooperation

Technical Cooperation Toward Upgrading Technical Levels of Rural Women in Developing Countries

### ■ Country and Region-Specific Aid Studies

Second Country Study for Development Assistance to the People's Republic of China

Country Study for Development Assistance to Mongolia

Second Country Study for Development Assistance to the Philippines

Second Country Study for Development Assistance to the Kingdom of Thailand

Fourth Country Study for Development Assistance to Indonesia

Second Country Study for Development Assistance to Malaysia

Country Study for Development Assistance to the Socialist Republic of Viet Nam

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Country Study for Development Assistance to the Republic of Kenya

Country Study for Development Assistance to the Republic of Senegal

Country Study for Development Assistance to the Republic of Ghana

Country Study for Development Assistance to the United Republic of Tanzania

Country Study for Development Assistance to the Hashemite Kingdom of Jordan

Regional Study for Development Assistance to Oceania

Regional Study for Development Assistance to Sub-Saharan Africa

Regional Study for Development Assistance to Southern Africa

### ■ Seminar Reports

International Symposium on the roles of JICA and NGOs in Supporting and Strengthening Democratic Institutions in Developing Countries

International Symposium on Local Development and the Role of Government: New Perspectives on Development Assistance

JICA-CIDA Joint Seminar: The Southern African Region Prospects for Development Cooperation Toward the 21<sup>st</sup> Century

International Seminar on Basic Education and Development Assistance in Sub-Saharan Africa

International Symposium on Health Initiatives in the Asian Economic Crisis—Human Centered Approach

### ■ Periodical Publications

Technology and Development

### ■ Technical and Training Methods

Case studies on Project-type Technical Cooperation projects (84 studies)

### ■ General Information on Countries and Projects

JICA website: <http://www.jica.go.jp/english/index.html>

Note: The above publications and materials can be examined in the JICA Library.

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## A Note on Using the CD-ROM

This CD-ROM is an appendix to the JICA Annual Report 2001 and as such, contains statistics for fiscal 2000.

### 1. About the Contents of this CD-ROM

The contents of this CD-ROM are listed below.

- Readme.txt \*1
- Data (Folder) \*2

\*1 The ".txt" suffix represents a text file.

\*2 JICA's statistics for fiscal 2000 are contained in the "Data" folder.

The statistical data on the CD-ROM utilize FileMaker Developer Tool and are created as a run-time application (Portions of software are ©1984-2001 FileMaker, Inc. All Rights Reserved.).

Multiple files are contained in the Data folder. In order to use the CD-ROM application, all files in this folder are necessary. Make sure to copy all files and folders to the hard disk before using.

Please see the included Readme.txt for more information on the data and its usage.

### 2. System Requirements

This CD-ROM is a Hybrid (HFS, ISO9660 Level1) CD-ROM.

The following system requirements are needed to use this CD-ROM:

#### <Windows>

- an Intel compatible 486/33 PC
- 16 MB of RAM
- a hard disk with at least 20 MB of free space
- a CD-ROM drive
- Windows 95, with Internet Explorer 4.0 or Windows NT 4.0 (with Service Pack 3)

Note: The runtime application requires the shfolder.dll and comctl32.dll files, which are installed by Windows NT 4.0 with Service Pack 3, or by Internet Explorer 4.0

#### <Mac OS>

- a Power Macintosh or Mac OS computer with a PPC 601 processor or higher
- at least 16 MB of RAM
- a hard disk with at least 24 MB of free space
- a CD-ROM drive
- System 8.1

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## Instructions on Interpreting the Statistical Data on the CD-ROM

### 1. Criteria for Aggregate Totals:

- (1) The project performance figures recorded in the CD-ROM are based on "JICA's Statistical Criterion."
- (2) The period covered by the figures is 1 April 1952 to 31 March 2001.
- (3) A fiscal year covers the period from 1 April to 31 March of the following year.
- (4) Notation of country names is based on JICA regulations.
- (5) The field categories used are taken from the categories (99 fields) contained in the "Statistical Aggregation Guideline."
- (6) Data is broken down into the following six regions:  
Asia, the Middle East, Africa, Latin America, Oceania and Europe  
Notes: 1) Until fiscal 1998, eight countries situated in Central Asia and the Caucasus Region were classified under "Europe;" however, from fiscal 1999 these countries were reclassified as part of "Asia." For this reason, although the pre-fiscal 1999 figures for the countries in Central Asia and the Caucasus Region were included with the totals for "Europe" in the Figures for Program Performances, from fiscal 1999 these figures are found under "Asia."  
2) "The Middle East" includes data from those countries situated west of Afghanistan and north of the Sahara Desert. "Africa" includes data from those countries situated south of the Sahara Desert.
- (7) JICA's programs are classified into the following eight areas:  
Technical Cooperation programs (Acceptance of Technical Training Participants, Youth Invitation Program, Dispatch of Technical Cooperation Experts, Follow-up Work, Project-type Technical Cooperation, Development Study), Grant Aid programs, Dispatch of Japan Overseas Cooperation Volunteers (JOCV) program, Development Cooperation program, Emigration Service Program, Disaster Relief program, recruitment and training of qualified persons program, and related to the welfare of experts program.
- (8) Types of cooperation are separated into the following eight categories:  
Acceptance of technical training participants, dispatch of experts, dispatch of study team members, dispatch of JOCV, dispatch of other volunteers, provision of equipment, departure service to emigrants and project-type technical cooperation.
- (9) The totals for the performance of programs in a specific fiscal year (based on the budget of the applicable year) include the numbers of participants arriving in Japan during the year (new participants), newly dispatched experts (new experts), study team members (new study team members), members of the Japan Overseas Cooperation Volunteers (new members of JOCV) and new Japanese emigrants. Accordingly, people who resided in Japan for several continuous years (for example, the specific fiscal year, the next year, and the following year) as well as people working abroad for several continuous years are counted only in the totals for the year that they arrived/departed, and are thus not counted in the totals for the other years (for

example, the next year and following year).

- (10) The figures for program performance in fiscal 2000 include the numbers for newly arrived/dispatched persons as well as the numbers for persons who remained in Japan or continued to be dispatched abroad (not including Japanese emigrants) from the previous fiscal year.
- (11) Since fiscal 1954, the expenses for study teams visiting several countries have been totaled in the "unclassified" category. However, between fiscal 1974 and fiscal 1993, the expenses for each study team were divided by the number of countries that the study covered and then added to the totals of each specific country.
- (12) Between fiscal 1952 and 1979, the expenses for technical training participants in Japan that were requested by international organizations were added to the performance figures for the participant's home country. However since fiscal 1980, these numbers have not been added to bilateral performance figures but have instead been totaled under the "international organizations" category.
- (13) As a result of a fiscal 1987 review of the total program performance figures for the US Miscellaneous Pacific Islands and Yap Islands, the values for fiscal 1987 onwards were corrected in the following manner:
  - 1) All performance figures before fiscal 1981, including the number of persons and expenses for the US Miscellaneous Pacific Islands, are included in the performance figures for the Mariana Islands, Micronesia and the Marshall Islands.
  - 2) Performance figures for Yap Islands can be traced back to fiscal 1964, and all data is included in the figures for Micronesia.

### 2. Program Performance Figures by Country

- (1) The figures for the Program Performance by Country show per-country performance according to field and program type.
- (2) For figures related to performance of cooperation programs that were implemented in several countries of the same region, a separate category has been established before the total for the specific region. Furthermore, for the performance of cooperation programs that were implemented in several regions, a separate category called "unclassified" has been established before the total.
- (3) In terms of the number of persons accepted or dispatched based on requests from international organizations, these numbers are not included in the figures for bilateral performance but are totaled separately by country and international organization.

### 3. Abbreviations

E/N "Exchange of Notes." This is a type of a broad treaty reached after a note is passed around between two or more countries or international organizations. In cases where aid/assistance is to be extended, an E/N is drawn up by the donor country and the developing country that specifies the content of the aid program. In Grant Aid cooperation, the funds are granted based on the E/N.

R/D "Record of Discussions." This is a document that is prepared before the start of a Project-type Technical Cooperation project between Japan and a developing country. The document contains the details of the agreed cooperation project between JICA and the partner organization of the recipient country. A representative of both parties signs the R/D.



Website: [www.jica.go.jp/english/index.html](http://www.jica.go.jp/english/index.html)

