

## Part IV

# Fiscal 2002 Results

### Chapter 1 Statistics on Program Results

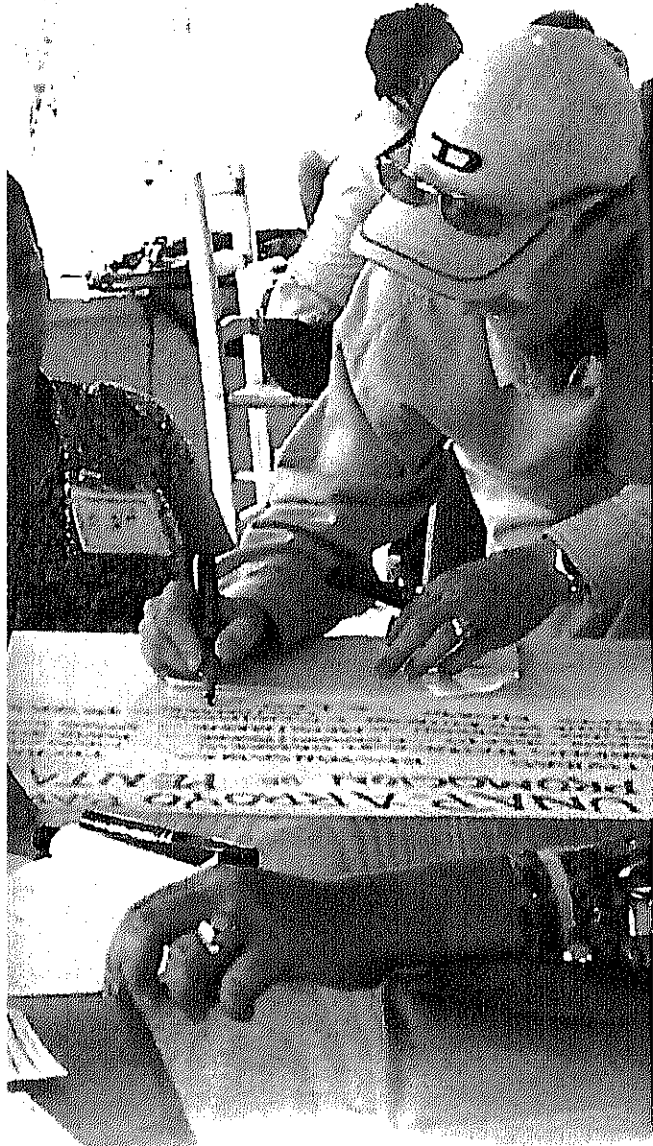
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## Chapter 1 Statistics on Program Results

### ■ Interpreting the Statistics

The following survey of operations shows statistics relating to personnel and costs of JICA's operations in fiscal 2002. 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."  
(1) Asia (including Central Asia and the Caucasus, excluding the Middle East); (2) Middle East (Afghanistan in the east and the Sahara Desert in the south); (3) Africa (excluding the Middle East); (4) North America and Latin America; (5) Oceania; and (6) Europe.
- The programs are classified into the following five types in

regard to the program results by the number of participants.

- (1) Acceptance of technical training participants; (2) Dispatch of experts; (3) Dispatch of study teams; (4) Dispatch of Japan Overseas Cooperation Volunteers (JOCV); and (5) Dispatch of other volunteers
- Sectoral classification employs the following 10 categories.  
(1) Planning/administration; (2) Public works/utilities; (3) Agriculture/forestry/fisheries; (4) Mining/industry; (5) Energy; (6) Business/trade; (7) Human resources; (8) Health/medical care; (9) Welfare; and (10) Others
- Costs are those disbursed in fiscal 2002 and represent the total for the year's budget, together with the deferred budget.
- See the JICA Annual Report 2002 Statistical Appendix CD-ROM for detailed country-specific results.

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

Content of Cooperation	FY 2002	FY 2001 (reference)
<b>1. Japan's Total ODA</b> (calendar year, provisional figures for FY2002, including aid for Central and Eastern Europe and graduate nations, etc.)	9,295 US billion dollars (1.1638 trillion yen)	9,900 US billion dollars (1.2029 trillion yen)
<b>2. JICA's Technical Cooperation Expenses</b> (excluding administrative costs)	147.6 billion yen	160.0 billion yen
<b>3. Recipient Countries and Regions</b>	152 countries, 6 regions	152 countries, 3 regions
<b>4. Technical Training Participants (new)</b>	19,683	21,024
<b>5. Experts Dispatched (new)</b>	2,802	3,233
<b>6. Members of Study Teams Dispatched (new)</b>	8,505	9,391
<b>7. JOCV Dispatched (new)</b>	1,234	1,137
<b>8. Other Volunteers Dispatched (new)</b>	529	438
<b>9. Technical Cooperation Projects</b>	241 (58 countries)	237 (56 countries)
<b>10. Development Study Projects</b>	249 (75 countries)	234 (67 countries)
<b>11. Grant Aid Projects</b>	193 (74 countries)	233 (82 countries)
<b>12. Dispatch of JDR, Provision of Emergency Relief Supplies</b>	25 (20 countries, 1 regions)	9 (9 countries)

**Notes:** 1. There are 12 graduate nations\* and regions for Item 1 above. They are the Bahamas, Brunei Darussalam, Kuwait, Qatar, Singapore, the United Arab Emirates, Israel, Hong Kong, Cyprus, Republic of Korea, Macao, and Libya.

2. The six regions for Item 3 above in fiscal 2002 are Hong Kong, Palestine, the Cook Islands, Niue, United States Miscellaneous Pacific Islands, and Kosovo.

3. Figures for technical cooperation projects are indicated on an R/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 in which grant aid was provided in fiscal 2002 (expedited by JICA).

6. Figures for dispatch of JDR, provision of emergency relief supplies represent the total number of dispatches of JDR and provisions of emergency supplies.

## 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 (new)	Technical Training	4,098	726	1,017	1,222	239	329		7,630	
	Cost-sharing Training	22	5		10				37	
	Third-country Training	839	161	473	442	60	90		2,065	
	Local In-country Training	6,126		978	640	148			7,892	
	Training at Expense of Partner Country	2							2	
	International Organizations	16	13	1			1		31	
	Training at Development Cooperation	14							14	
	Emigration				63				63	
	Youth Invitation Program	1,383	29	127	48	83			1,670	
	Japanese Community Training				145				145	
	Training Course initiated by Local Government	91	2	5	23	7	6		134	
	<b>Total</b>		12,591	935	2,601	2,593	537	426		19,683
	Experts Dispatched (new)	Individual Technical Cooperation Experts	418	85	58	117	12	28		718
Third-country Expert Dispatch		19	2	10	75				106	
Overseas Technical Trainers		93	29	8	28	1	4		163	
International Organizations		3				1			4	
Development Cooperation		9							9	
Grant Aid		1		1					2	
Disaster Relief Aid		5				5			10	
Promotion of Aid Effectiveness and Efficiency		55	19	14	15	3	1		107	
Technical Cooperation Project		1,066	133	138	264	18	16		1,635	
Grass-roots Technical Cooperation		40		5		3			48	
<b>Total</b>		1,709	268	234	499	43	49		2,802	
Members Study Teams Dispatched (new)	Technical Training	68	8	12	24	1	9	6	128	
	Overseas Technical Cooperation	749	123	121	162	32	18	3	1,208	
	Development Studies	1,881	428	375	356	6	75	40	3,161	
	Overseas Development Study	896	5	59	77		50	11	1,098	
	Basic Study on Resources Development Cooperation	54	27	7	43	22		4	157	
	Overseas Agricultural and Forestry Development Cooperation Study			22					22	
	Technical Cooperation Projects	50	11	6	19				86	
	Welfare of Experts	15	32	18	11	8		26	110	
	Grant Aid	605	183	413	123	62	41	44	1,471	
	Development Cooperation	26			2				28	
	JOCV	44	7	40	44	11	7	7	160	
	Emigration Service Program							14	14	
	Disaster Relief Aid	9	4	2	1		3		19	
	Promotion of Aid Effectiveness and Efficiency	426	62	92	121	11	52	54	818	
	Promotion of Public Participation Cooperation	25							25	
<b>Total</b>		4,848	890	1,167	983	153	255	209	8,505	
JOCV (new)	JOCV	322	81	288	286	109	47		1,133	
	Senior JOCV	32	8	26	19	14	2		101	
	<b>Total</b>		354	89	314	305	123	49	1,234	
Other Volunteers (new)	Senior Volunteers	197	63	10	133	30	1		434	
	Senior Cooperation Experts for Overseas Japanese Communities				26				26	
	UN Volunteers	7		2	6				15	
	Japan Overseas Development Youth Volunteers				54				54	
	<b>Total</b>		204	63	12	219	30	1		529
<b>Grand Total</b>		19,706	2,246	4,328	4,699	886	780	209	32,783	

## Numbers of Persons Involved in Technical Cooperation by Region

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Technical Training Programs	New	12,591	341	2,718	530	288	245	237	673	78	237	79	68	216	262	651	45	4,475	38	1,226	154	30	
	Continuing	686	37	40	2	20	13	7	86	24	9	19	4	22	12	20		269	9	95	8		
	Total	13,277	378	2,758	532	308	258	244	759	102	246	98	72	238	274	671	45	4,734	47	1,321	162	30	
Experts Dispatched	Short-Term	New	1,382	29	279	19	89	74	14	120	39	54	17	24	53	35	42	6	155		292	34	7
		Continuing	142	3	21	5	6	9	5	16	5	3	8	1	12		3	1	15		27	2	
		Total	1,524	32	300	24	95	83	19	136	44	57	25	25	65	35	45	7	170		319	36	7
	Long-Term	New	327	20	49	8	20	10	5	42	7	19	5	1	17	11	7		35	1	51	13	6
		Continuing	824	63	92	16	69	43	15	103	36	67	23	20	38	23	16	4	81	1	85	17	22
		Total	1,151	83	141	24	79	53	20	145	43	86	28	21	55	34	23	4	116	2	136	30	28
Total	New	1,709	49	328	27	109	84	19	162	46	73	22	25	70	46	49	6	190	1	343	47	13	
	Continuing	966	66	113	21	65	52	20	119	41	70	31	21	50	23	19	5	96	1	112	19	22	
	Total	2,675	115	441	48	174	136	39	281	87	143	53	46	120	69	68	11	286	2	455	66	35	
Members of Study Teams Dispatched	New	4,848	251	651	336	592	387	138	384	58	144	47	120	215	357	23		336	11	354	74	370	
	Continuing	146	4	6	6	43	5	9	7	3	7	5		1				21	4	20	1	4	
	Total	4,994	255	657	342	635	392	147	391	61	151	52	120	216	357	23		357	15	374	75	374	
JOCV	New	354		56			6	1	36	5	4	3	1	16			3	124	27	64	1	7	
	Continuing	664		104	2		17	4	56	21	10	8	1	43		1	4	208	53	121	1	10	
	Total	1,018		160	2		23	5	92	26	14	11	2	59		1	7	332	80	185	2	17	
Other Volunteers	New	204	4	20	3	9	12	4	14	1	2	7		51	1	8	5	22	12	14	10	5	
	Continuing	229		24	5	9	19	4	29	1	1	6		47	3	26	2	21	12	12	7	11	
	Total	433	4	44	8	18	21	8	43	2	3	13		98	4	34	7	43	24	26	17	16	

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Technical Training Programs	New	935	31	215	39	64	63	20	72	8	6	31	12	73	21	32	20	110	7	101	10		
	Continuing	85				7	1		7	3		4		31	3			5	3	19	2		
	Total	1,020	31	215	39	71	64	20	79	11	6	35	12	104	24	32	20	115	10	120	12		
Experts Dispatched	Short-Term	New	216	18	9	15	14	12	2	28	3	5	14	5	25	5	4	2	16	3	31	2	3
		Continuing	23		3	6	1	1					2		2	2			4		2		
		Total	239	18	12	21	15	13	2	28	3	5	16	5	27	7	4	2	20	3	33	2	3
	Long-Term	New	52	3	3	2	2	3		5	1		4	4	1	4	2		12		6		
		Continuing	125	6	12	9	5	2	1	16	2		11	2	9	4	3	1	26		13	1	2
		Total	177	9	15	11	7	5	1	21	3		15	6	10	8	5	1	38		19	1	2
Total	New	268	21	12	17	16	15	2	33	4	5	18	9	26	9	6	2	28	3	37	2	3	
	Continuing	148	6	15	15	6	3	1	16	2		13	2	11	6	3	1	30		15	1	2	
	Total	416	27	27	32	22	18	3	49	6	5	31	11	37	15	9	3	58	3	52	3	5	
Members of Study Teams Dispatched	New	890	37	66	66	150	43	20	81	3	38	27	28	9	22		5	76	9	40	11	159	
	Continuing	21		8		5						2								1	1	4	
	Total	911	37	74	66	155	43	20	81	3	40	27	28	9	22		5	76	9	41	12	163	
JOCV	New	89		11			6		1		1	1		4				22	24	17		2	
	Continuing	165		29			7		5	2	1	2		15			1	42	36	24		1	
	Total	254		40			13		6	2	2	3		19			1	64	60	41		2	
Other Volunteers	New	63	4	10	1	1	1		2	1		1		17	1	11		6	3		1	3	
	Continuing	65		14	1	2	4	2	3					20	2	7	1	5		2		1	
	Total	128	4	24	2	3	5	2	5	1		2		37	3	18	1	11	3	2	1	4	

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Technical Training Participants	New	2,601	73	313	155	75	112	51	262	67	36	79	3	40	10	83	4	688	3	522	25		
	Continuing	151	16		2	7	9	34	9	1	6	1	2	1				41	1	22			
	Total	2,752	73	328	155	77	119	60	296	76	37	85	4	42	11	83	4	729	4	544	25		
Experts Dispatched	Short-Term	New	152	14	6	4	1	8		21	2	3	7						24		61		1
		Continuing	23	2	1			1	1	1		1	1						1		10		3
		Total	175	16	7	4	1	9	1	22	2	4	8							25		71	
	Long-Term	New	82	10	2	1	7	3	1	20	1	4	2		1	1			8		19		2
		Continuing	198	19	6	4	3	8	1	27	2	13	23	1		1	1		35	1	36		17
		Total	280	29	8	5	10	11	2	47	3	17	25	1	1	2	1		43	1	55		19
Total	New	234	24	8	5	8	11	1	41	3	7	9		1	1			32		80		3	
	Continuing	221	21	7	4	3	9	2	28	2	14	24	1	1	1	1		36	1	46		20	
	Total	455	45	15	9	11	20	3	69	5	21	33	1	2	2	1		68	1	126		23	
Members of Study Teams Dispatched	New	1,167	6	5	120	50	61	18	215		73	115	12		57		5	176		116	5	133	
	Continuing	13		5		3					1	1										3	
	Total	1,180	6	10	120	53	61	18	215		74	116	12		57		5	176		116	5	136	
JOCV	New	314		38			9		54	5	6	2	1	22		2	1	100	19	49	1	5	
	Continuing	602		90	2		24	1	96	8	10	4	1	52		1	2	179	39	79	6	8	
	Total	916		128	2		33	1	150	13	16	6	2	74		3	3	279	58	128	7	13	
Other Volunteers	New	12				2	1							3		1	1	3	1				
	Continuing	12					1							3				3	1	1		1	
	Total	24				2	2							6		3	1	6	2	1		1	

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Technical Training Participants	New	2,593	32	321	125	107	68	49	212	127	38	266	45	91	24	124	22	224	42	615	41	20	
	Continuing	205		18		5	3	1	20	7	1	11	2	24	3	19	1	22	17	51			
	Total	2,798	32	339	125	112	71	50	232	134	39	277	47	115	27	143	23	246	59	666	41	20	
Experts Dispatched	Short-Term	New	372	5	45	9	9	12	1	51	44	25	26	16	14	4	9	1	24	1	74	3	
		Continuing	65		8		4	1	2	5	4	3	10	2	2		4		6		13	1	
		Total	437	5	53	9	13	13	3	56	48	28	36	17	16	4	13	1	30	1	87	4	
	Long-Term	New	127	12	8		3	6		31	7	3	8	10	6		2		9		21		1
		Continuing	263	33	19	1	2	2		66	16	17	22	13	12		7		15		36		2
		Total	390	45	27	1	5	8		97	23	20	30	23	18		9		24		57		3
Total	New	499	17	53	9	12	18	1	82	51	28	34	26	20	4	11	1	33	1	95	3	1	
	Continuing	328	33	27	1	6	3	2	71	20	20	32	15	14		11		21		49	1	2	
	Total	827	50	80	10	18	21	3	153	71	48	66	40	34	4	22	1	54	1	144	4	3	
Members of Study Teams Dispatched	New	983	21	101	91	115	46	2	85	33	41	40	67	29	28	10		38		94	3	139	
	Continuing	18	3						1											12		2	
	Total	1,001	24	101	91	115	46	2	86	33	41	40	67	29	28	10		38		106	3	141	
JOCV	New	305		40		2	3		59	9	8	5		19		1	1	88	22	44	3	6	
	Continuing	668		102	3	1	14	2	92	20	8	7		48		3	1	151	59	138	8	11	
	Total	973		142	3	3	17	2	151	29	16	12		67		4	2	234	81	182	11	17	
Other Volunteers	New	219	5	17	1	8	12	4	19	3	2		2	29		9		65	12	7	11	13	
	Continuing	313		24	7	5	7	1	22	4	1	1	2	26		1	4	123	16	15	18	36	
	Total	532	5	41	8	13	19	5	41	7	3	1	4	55		1	13	188	28	22	29	49	

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture			
Technical Training Participants	New	537	7	66	5	31	58	23	16	3	3	128	1	7	7	6	13	112	2	34	15	
	Continuing	34	4			1			4	1		9		1				9		4	1	
	Total	571	11	66	5	32	58	23	20	4	3	137	1	8	7	6	13	121	2	38	16	
Experts Dispatched	Short-Term	New		5		2	1					4			4			7		3	5	
		Continuing		5						1		1	1								2	
		Total		36		6	2	1		1		1	5			4			7		5	5
	Long-Term	New		12	2	3							1				1		4		1	
		Continuing		27	3	5		1		1	1		1	7	1		2		1	2	1	1
		Total		39	5	8		1		1	1		1	8	1		2	1	1	6	2	1
Total	New		43	2	8		2	1				5			4	1		11		4	5	
	Continuing		32	3	5		1		1	2		2	8	1		2		1	2	3	1	
	Total		75	5	13		3	1	1	2		2	13	1		6	1	1	13	7	6	
Members of Study Teams Dispatched	New	153		9		26	2	9	5	3	3	5	22		4			26		18	21	
	Continuing																					
	Total	153		9		26	2	9	5	3	3	5	22		4			26		18	21	
JOCV	New	123		21	1		13	1	8	3		2		4			1	43	4	17	6	
	Continuing	242		39	1		14	2	16	5	3	6		11			3	97	10	34	1	
	Total	365		60	2		27	3	24	8	3	8		15			4	140	14	51	6	
Other Volunteers	New	30		7		1	2	1	1			2		3		1		5	1	6		
	Continuing	58		7		2	3	10	2	3	1			10		1	1	9	1	6	2	
	Total	88		14		2	4	12	3	4	1			13		2	1	14	2	12	2	

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

Sector	Type of Cooperation	Total Personnel	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture			
Technical Training Participants	New	426	22	114	20	27	6	1	20	1	1	1	8	16	21	109	8	24	1	17	9	
	Continuing	17				10			1				1	1	2				1	1		
	Total	443	22	114	20	37	6	1	21	1	1	1	9	17	23	109	8	24	2	18	9	
Experts Dispatched	Short-Term	New		19	1	2		1	4				1			6	2	5		1		
		Continuing		8	1	1		1						1			1		2			
		Total		50	1	20	1	3		1	4			1			7	2	7		1	
	Long-Term	New		7	2	1		3														
		Continuing		30	4	10		1		1	4		1				7					
		Total		37	6	11		3		2	4		1				7					
Total	New		49	2	20	1	5		5			1			6	2	5		1			
	Continuing		38	5	11	1	1		1	5		1			8		2					
	Total		87	7	31	2	6		6	5		2			14	2	7		1			
Members of Study Teams Dispatched	New	255	13	4	79	35	13		24					1		7	3			21	3	52
	Continuing		4						4													
	Total	259	13	4	79	35	13		28					1		7	3			21	3	52
JOCV	New	49		6										2				29	4	6	2	
	Continuing	95		20	1				1		3			3				56	2	7	2	
	Total	144		26	1				1		3			5				85	6	13	2	
Other Volunteers	New	1																1				
	Continuing																					
	Total	1																1				

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

Sector	Type of Cooperation	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others			
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture						
Technical Training Participants	New																								
	Continuing																								
	Total																								
Experts Dispatched	Short-Term	New																							
		Continuing																							
		Total																							
	Long-Term	New																							
		Continuing																							
		Total																							
Total	New																								
Continuing																									
Total																									
Members of Study Teams Dispatched	New	209			6	5	19		9				4							4	28	134			
	Continuing	9											3									6			
	Total	218			6	5	19		9				4							4	28	140			
JOCY	New																								
	Continuing																								
	Total																								
Other Volunteers	New																								
	Continuing																								
	Total																								

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

Sector	Type of Cooperation	Total Personnel	Planning/ Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Trade		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industries	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Technical Training Participants	New	19,683	506	3,747	874	592	552	381	1,255	284	321	584	137	443	345	1,005	112	5,633	93	2,515	254	50	
	Continuing	1,178	41	73	2	45	24	17	152	44	11	49	8	81	21	39	1	336	31	192	11		
	Total	20,861	547	3,820	876	637	576	398	1,407	328	332	633	145	524	366	1,044	113	5,969	124	2,707	265	50	
Experts Dispatched	Short-Term	New	2,195	86	363	48	117	107	18	224	88	87	69	44	92	48	61	11	231	4	462	44	11
		Continuing	266	6	34	11	12	12	8	23	10	8	22	3	18	2	8	1	28		54	3	3
		Total	2,461	72	397	59	129	119	26	247	98	95	91	47	110	50	69	12	259	4	516	47	14
	Long-Term	New	607	49	86	11	35	22	6	99	16	26	20	15	25	16	12		68	1	98	13	9
		Continuing	1,467	128	144	31	70	55	18	214	60	98	87	37	60	30	34	8	159	2	171	19	44
		Total	2,074	177	210	42	105	77	24	313	76	124	107	52	85	46	46	8	227	3	289	32	53
Total	New	2,802	115	429	69	152	129	24	323	104	113	89	59	117	64	73	11	299	5	560	57	20	
Continuing	1,733	134	178	42	82	67	26	237	70	106	109	40	78	32	42	7	187	2	225	22	47		
Total	4,535	249	607	101	234	196	50	560	174	219	198	99	195	96	115	18	486	7	785	79	67		
Members of Study Teams Dispatched	New	8,505	328	836	698	973	571	187	803	97	299	234	253	254	468	40	13	652	20	647	124	1,008	
	Continuing	211	7	19	6	51	5	9	12	3	10	9		1				21	4	33	2	19	
	Total	8,716	335	855	704	1,024	576	196	815	100	309	243	253	255	468	40	13	673	24	680	126	1,027	
JOCY	New	1,234		172	1	2	37	2	158	22	19	13	2	67		3	6	401	100	197	5	27	
	Continuing	2,436		384	9	1	76	9	266	56	35	27	2	172		5	11	733	199	403	18	30	
	Total	3,670		556	10	3	113	11	424	78	54	40	4	239		8	17	1,134	299	600	23	57	
Other Volunteers	New	529	13	54	5	21	28	9	36	5	4	10	2	103	2	30	6	102	29	27	22	21	
	Continuing	677		69	15	19	31	9	57	6	2	8	2	106	6	40	4	161	30	36	25	51	
	Total	1,206	13	123	20	40	59	18	93	11	6	18	4	209	8	70	10	263	59	63	47	72	

## 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 (2002)			JICA's Technical Cooperation (FY2002)															
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	2002	Technical Cooperation Expenses (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)	
						New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing				
Armenia	9.37	1.67	0.36	2002	2.08	P	30	1	21	5								1	
				E	51,224		2,074		154,914										
				Cumulative Total	7.85	P	116		15		119							13.17	
Azerbaijan	8.42	2.97	130.50	2002	1.49	P	37	1	15									1	
				E	53,230		47		95,761										
				Cumulative Total	20.36	P	150		4		229								
Bangladesh	185.23	30.64	-96.03	2002	19.39	P	251	25	40	32	95	3	27	62			74.27	3	5
				E	489,358		573,544		379,162		418,314								
				Cumulative Total	416.75	P	4,170		1,009		2,737		819					4,948.47	12
Bhutan	10.08	2.90	-0.16	2002	6.75	P	53	1	3	4	35		14	32	12	7	33.99	1	
				E	84,277		79,434		146,934		205,673		124,410						
				Cumulative Total	74.32	P	746		49		407		203		20			600.53	
Brunei Darussalam		0.22		2002	0.00	P	4												
				E	455														
				Cumulative Total	39.34	P	1,182		114		237							416.32	
Cambodia	48.46	34.16	7.47	2002	40.37	P	1,930	14	111	57	233	6	23	34	16	14	325.13	6	7
				E	541,294		1,553,417		1,127,009		265,425		210,715						
				Cumulative Total	268.17	P	5,839		822		1,905		171		31			2,669.15	10
China	54.92	251.90	508.53	2002	62.37	P	1,556	71	221	86	349	11	42	85			989.16	16	7
				E	1,782,293		2,081,267		663,041		500,337								
				Cumulative Total	1,384.56	P	14,210		4,875		11,980		580					24,696.13	58
East Timor	0.81	4.54		2002	5.00	P	78	4	4	3	76	13					0.07	1	
				E	104,404		120,852		271,496										
				Cumulative Total	21.53	P	213		10		247							1.92	
Georgia	6.44	1.73	10.42	2002	1.31	P	29				1	22						1	
				E	47,701		4,813		78,677										
				Cumulative Total	8.47	P	144		9		109							51.84	
Hong Kong		2.51		2002	0.01	P	1				2								
				E	1,002				69										
				Cumulative Total	19.04	P	651		37		39							386.59	
India	3.18	16.14	474.30	2002	9.60	P	178	4	24	8	78						107.25	2	4
				E	272,553		217,220		362,556										
				Cumulative Total	209.32	P	4,147		591		1,609		131					2,975.97	12
Indonesia	63.54	107.80	348.31	2002	106.32	P	2,561	126	265	182	641	39	33	75	43	69	726.10	21	24
				E	1,763,118		3,686,810		3,252,554		490,186		669,123						
				Cumulative Total	2,496.38	P	30,413		8,457		17,137		414		132			37,189.22	98
Kazakhstan	0.92	8.32	20.11	2002	10.53	P	96	5	48	6	97						60.85	3	
				E	151,382		329,529		511,242										
				Cumulative Total	77.85	P	451		131		789							388.13	1
Kyrgyzstan	0.22	3.28	4.14	2002	3.80	P	100	1	8	2	28		6	9			33.92		
				E	143,164		52,301		90,230		60,655								
				Cumulative Total	41.06	P	450		29		371		15					383.34	
Laos	52.79	32.27	-2.02	2002	35.45	P	504	14	108	67	251	3	18	42	16	30	241.16	7	8
				E	582,526		1,234,463		933,432		262,287		272,604						
				Cumulative Total	327.64	P	3,107		924		2,340		479		53			3,583.67	12
Macao		0.13		2002		P													
				E															
				Cumulative Total	0.01	P	1												
Malaysia	0.79	51.43	-1.09	2002	34.94	P	470	149	70	56	190		18	27	41	21	539.55	7	7
				E	985,807		900,948		537,550		182,016		336,255						
				Cumulative Total	984.10	P	12,113		2,284		6,011		1,127		69			13,208.48	32
E	24,570,050		21,651,598		27,712,281		9,288,793		911,170										

P: Person E: Expenditure (thousand yen)



Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)																
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Year	Technical Cooperation Expenses (100 million yen)	Type										Technical Cooperation Project (number of projects)	Development Study (number of projects)			
						Training Participants		Experts		Study Team Members		JOCV		Other Volunteers				Provision of Equipment (million yen)		
New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing	New	Outgoing							
Maldives	7.44	0.90		2002	1.90	P	27				1		16	18	3			2.67		
				E		40,125			1,168		135,078		11,220							
				Cumulative Total	43.42	P		534		37		246		189		3				171.65
Maraca				2002		P														
				E																
				Cumulative Total	5.99	P					125									
Mekong				2002		P														
				E																
				Cumulative Total	7.11	P					342									
Mongolia	46.43	18.93	10.42	2002	18.33	P	153	7	41	24	151	10	25	45	16	8		128.28	2	6
				E		313,893		350,549		666,980		273,188		100,067						
				Cumulative Total	218.17	P		1,245		464		2,067		164		25				1,972.25
Myanmar	30.03	32.53	-15.84	2002	27.94	P	233	27	56	27	283	15						249.83	4	7
				E		492,561		694,442		1,355,083										
				Cumulative Total	278.84	P		2,808		1,006		2,326								6,325.89
Nepal	79.87	16.35	-3.43	2002	17.77	P	155	7	25	29	108		27	36	11	9		106.95	4	3
				E		337,276		569,740		369,504		273,079		114,814						
				Cumulative Total	482.16	P		3,109		1,278		2,828		795		25				6,864.91
Pakistan	44.55	11.24	243.40	2002	14.18	P	185	33	35	14	86	3	12	14	1	1		204.57	1	1
				E		382,135		341,661		365,723		101,854		12,279						
				Cumulative Total	294.14	P		3,831		818		2,523		76		3				3,112.01
Philippines	59.42	70.75	181.13	2002	74.58	P	1,235	45	159	103	693	6	17	62				1,020.98	17	21
				E		1,216,919		1,916,534		2,970,483		309,710								
				Cumulative Total	1,591.97	P		15,465		4,167		12,026		1,189						22,952.90
Republic of Korea		63.99	-106.61	2002	0.17	P					7							14.84		
				E					12		1,922									
				Cumulative Total	244.14	P		6,176		1,626		1,047								8,995.06
Singapore		2.19		2002	0.27	P												0.01		
				E					22,953		3,615									
				Cumulative Total	214.89	P		4,770		1,191		756								3,630.26
Sri Lanka	24.79	25.99	65.21	2002	25.64	P	262	26	37	14	200	5	25	38	4			189.30	3	6
				E		664,765		412,650		1,002,514		260,321		33,592						
				Cumulative Total	488.63	P		5,541		1,053		3,093		577		4				6,458.93
Tajikistan	25.17	1.76		2002	2.44	P	122	4	1		13							3.44		
				E		213,805		3,385		23,112										
				Cumulative Total	9.45	P		541		1		13								3.44
Thailand	2.29	78.86	129.89	2002	56.77	P	566	67	196	100	310		21	43	33	55		1,006.46	19	9
				E		1,140,516		1,966,463		800,361		275,367		447,335						
				Cumulative Total	1,076.93	P		24,420		7,238		12,211		441		108				37,574.81
Turkmenistan		0.62	10.77	2002	0.18	P	12													
				E		17,630														
				Cumulative Total	3.77	P		198				27								
Uzbekistan	23.11	9.44	6.68	2002	10.81	P	131	7	53	15	112	1	10	14	1	3		62.23		3
				E		195,816		262,970		396,657		93,347		28,932						
				Cumulative Total	52.96	P		575		207		566		27		4				334.25
Viet Nam	53.51	70.50	241.42	2002	67.08	P	1,616	48	191	108	487	17	20	28		4		1,080.34	15	11
				E		1,036,493		2,436,318		1,876,097		207,004		21,665						
				Cumulative Total	501.77	P		7,721		1,421		5,068		85		4				6,852.75

P: Person E: Expenditure (thousand yen)

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

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)															
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	2002	Technical Cooperation Expenditure (100 million yen)	Type													
						Training Participants		Experts		Study/Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)	
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing						
Afghanistan	24.12	6.96		2002	20.7	P	83	38	278	1							48.41		5
				E	92,239	173,538	1,687,848												
Algeria	0.05	0.66	-2.88	2002	0.50	P				4									
				E	45,167		4,969												
Bahrain		0.38		2002	0.38	P	9	3	1										
				E	21,560	16,387													
Egypt	8.02	18.87	-15.56	2002	17.39	P	169	13	46	31	132	6	13	19	1		85.20	5	3
				E	439,793	440,913	641,726	108,924	3,740										
Iran	0.76	11.95	3.61	2002	12.49	P	91	4	37	10	122	4					199.92	3	6
				E	226,340	343,623	476,334												
Iraq		0.02		2002		P													
				E															
Israel		0.52		2002		P													
				E															
Jordan	18.24	9.40	-32.82	2002	12.69	P	59	1	8	18	31		14	38	8	50	38.32	3	1
				E	125,811	317,405	143,010	258,249	383,325										
Kuwait		0.06		2002		P													
				E															
Lebanon	1.16	1.81	7.11	2002	2.45	P	9	1	1		31						0.94		2
				E	13,885	6,929	223,384												
Libya		0.16		2002	0.01	P	1												
				E	681		10	16											
Morocco	9.46	7.73	20.49	2002	12.42	P	51	4	15	12	74		29	43	7	5	83.10	2	3
				E	142,029	256,007	398,476	302,744	57,513										
Oman	1.42	1.68		2002	2.33	P	25	3	1	3	26						0.28		1
				E	54,733	64,421	113,521												
Palestine	10.96	1.76	12.72	2002	1.54	P	72	17											
				E	149,790		2,282												
Qatar		0.01		2002		P													
				E															
Saudi Arabia		7.55		2002	6.03	P	71	10	19	16	12						55.85	1	
				E	178,551	345,974	12,547												
South Yemen				2002		P													
				E															
Sudan	0.42	0.54		2002	0.08	P			4										
				E			8,380												
Sudan	0.42	0.54		2002	0.08	P													
				E			717	99	402	8									
Sudan	0.42	0.54		2002	0.08	P													
				E			1,777,589	813,547	1,817,130	68,492									

P: Person E: Expenditure (thousand yen)

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)											Technical Cooperation Project (number of projects)	Development Study (number of projects)		
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type													
					Training Participants		Experts		Study Team Members		JGV		Other Volunteers				Provision of Equipment (million yen)	
New		Ongoing		New		Ongoing		New		Ongoing		New		Ongoing				
Syria	16.90	9.05	-13.35	2002	10.86	P	76	5	36	7	25	25	47	14	4	153.17	1	1
				E	153,752		315,258		65,486		276,963		115,308					
Tunisia	7.10	6.28	47.92	2002	9.00	P									140.38	2		
				E	114,837		280,825		91,546		110,518		179,668					
Turkey	0.33	15.32	-32.97	2002	16.62	P	104	10	38	34	71	5	1	4	326.29	7	2	
				E	315,068		555,967		422,738		4,040		19,547					
United Arab Emirates		0.06		2002	0.05	P	15		4		3							
				E	511		31		4,115									
Yemen	10.93	2.97	-7.98	2002	2.29	P	17	5	11	1	15				67.23	1		
				E	45,563		78,469		37,815									
				Cumulative Total	67.90	P	358		164		463		30		1,352.85	3	9	
						E	877,767		2,200,334		2,051,676		217,416					

P: Person E: Expenditure (thousand yen)

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

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)											Technical Cooperation Project (number of projects)	Development Study (number of projects)	
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type												
					Training Participants		Experts		Study Team Members		JGV		Other Volunteers				Provision of Equipment (million yen)
New		Ongoing		New		Ongoing		New		Ongoing		New		Ongoing			
Angola	26.09	1.11		2002	0.27	P	18				8						
				E	12,484				14,296								
Benin	3.55	0.79		2002	2.29	P	27		1		28				0.31		
				E	32,565		25,230		170,649								
Botswana	1.21	1.81	-4.30	2002	2.91	P	29	2	1		12		13	33	3	4.29	1
				E	44,760		8,867		48,640		163,890		20,253				
Burkina Faso	4.71	3.42		2002	6.20	P	21		1		56		25	30		5.67	1
				E	25,404		34,633		314,934		239,165						
Burundi		0.09		2002	0.11	P	181		7		303		58				
				E	463,387		242,768		2,234,646		410,899						
Cameroon	6.11	1.42		2002	1.44	P	13										
				E	50,900												
Cape Verde	5.18	1.12		2002	0.76	P	32	1			6					5.47	
				E	15,191		16,276		38,581								
Central African Republic	12.28	0.61		2002	0.90	P	105		7		154						
				E	255,108		353,566		649,856								
Chad		0.12		2002	0.15	P	9				15				17.01		
				E	12,160		9		201								
Comoros				2002	0.15	P	8										
				E	14,659				2,280								
Cote d'Ivoire				2002	1.98	P	95										
				E	195,392												
Cuba				2002		P											
				E													
Cuba				2002		P	63		12		35						
				E	202,448		266,623		171,576								

P: Person E: Expenditure (thousand yen)

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

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)												
	Grant/Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenditure (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers	Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing				
Congo		0.14		2002	P	7										
				E	6,595											
Côte d'Ivoire	0.33	3.88		2002	P	39	3	3	6	27	1	12	14			
				E	112,211	132,824	113,806	137,631							4.96	2
Democratic Republic of the Congo	0.66	0.24		2002	P	4										
				E	7,368										4.96	
Djibouti	4.03	0.95		2002	P	18	1	1		12		8	11			
				E	50,636	12,456	41,071	74,636						10.85		
Equatorial Guinea		0.19		2002	P	5	2									
				E	17,025											
Eritrea	3.92	0.42		2002	P	11		2		18						
				E	19,047	4,575	53,898							0.75		
Ethiopia	37.02	11.33		2002	P	66	10	16	11	67	5	5	34			
				E	178,031	365,444	260,671	168,089					89.79	3	2	
Gabon	3.54	0.40	-0.18	2002	P	12	1	1		8						
				E	30,025	21,787	29,630						0.14			
Gambia	6.05	1.86		2002	P	9		1		28						
				E	17,149	24,953	307,086						0.14			
Ghana	12.21	12.71	-5.49	2002	P	109	23	31	30	41	1	25	49			
				E	422,037	658,893	197,997	325,604					81.54	4	1	
Guinea	18.58	2.16	-2.41	2002	P	26		1		60						
				E	37,174	16,135	286,244						0.54			
Guinea-Bissau		0.12		2002	P	8										
				E	10,273											
Kenya	28.52	23.25	-38.86	2002	P	669	20	52	43	53	1	7	65			
				E	776,329	1,232,631	274,910	203,229					230.66	8	2	
Lesotho	3.50	0.42		2002	P	15	1			12						
				E	17,911		43,953						33.86			
Liberia		0.05		2002	P											
				E												
Madagascar	4.80	2.45	-1.21	2002	P	21	4	6	9	16		5	1			
				E	59,038	209,521	43,000	17,009					17.76	1		
Malawi	16.01	8.87	-8.55	2002	P	75	8	16	16	111		18	61	2		
				E	161,675	347,752	578,766	294,238				7,198	52.20	1	7	
Mali	13.36	4.73	-1.87	2002	P	23		1		35						
				E	40,047	2,526	344,689									
				Cumulative Total	P	254		6		579						
				E	664,794	115,618	5,437,504							131.25		15

P: Person E: Expenditure (thousand yen)

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)																
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type															
					Training Participants		Experts		Study Team Members		JOCY		Other Services		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)			
New	Repeat	New	Repeat	New	Repeat	New	Repeat	New	Repeat	New	Repeat									
Mauritania	10.90	3.71	-1.75	2002	3.70	P	36	3		1	37						60.27		2	
				E	55,847	21,871			231,944											
Mauritius	0.10	1.36	-1.04	2002	1.12	P	13		2	5							8.34		1	
				E	28,816	75,241														
Mozambique	36.22	2.89	21.73	2002	2.66	P	30	1	1	2	33						45.73		1	
				E	29,332	58,340			121,713											
Namibia	2.04	1.04		2002	0.75	P	23	1	5	2							7.35			
				E	40,321	27,142														
Niger	7.96	3.93	-1.10	2002	5.39	P	36		1	2	17		37	58			16.78			
				E	49,728	28,355			47,264		396,570									
Nigeria	16.85	2.14		2002	1.32	P	106		1	1	11						0.83			
				E	48,533	38,841			42,377											
Rwanda	0.16	0.25		2002	0.35	P	14	1									8.85			
				E	25,661															
Sao Tome and Principe	1.20	0.10		2002	0.12	P	9													
				E	11,532															
Senegal	25.41	12.12	-2.72	2002	15.05	P	71	3	19	21	72		37	59			199.98		3	
				E	154,167	417,808			374,546		349,683									
Seychelles	0.29	0.21		2002	0.22	P	11													
				E	22,235															
Sierra Leone	0.06	0.02		2002	0.00	P	2													
				E	102															
Somalia		0.00		2002		P														
				E																
South Africa	16.38	8.10	-20.05	2002	6.93	P	107	2	10	4	65		9				8.57		2	
				E	241,799	82,911			287,186		32,746									
Swaziland	0.47	2.33	1.52	2002	2.56	P	28	3	1	1	24								1	
				E	58,420	21,144			175,679											
Tanzania	39.31	18.98	-6.54	2002	25.40	P	502	28	29	27	106		36	73			108.45		3	
				E	574,811	700,326			639,365		503,845									
Togo	0.05	0.29		2002	0.39	P	24	1												
				E	38,871															
Uganda	3.07	2.99		2002	7.00	P	67	4	7	9	38	3	14	6			108.10		1	
				E	151,417	185,769			158,129		95,954									
Zambia	23.49	9.59	21.40	2002	18.17	P	150	21	24	18	50		45	60	5	6		140.04		1
				E	377,611	536,462			217,925		465,626									
				Cumulative Total		P	1,333		473		1,242		901		11		4,847.08		10	
				E	3,991,583		40,288,829		7,140,404		9,284,173		110,931						22	

P: Person E: Expenditure (thousand yen)

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)													
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type												
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)
Zimbabwe	3.52	3.38	14.81	2002	5.76	P	60	6	4	5	2	9	48				
						E	165,812	123,271	1,403	236,367							
					Cumulative Total	138.22	P	657	63	750	389					924.69	1
E	1,447,583	1,508,501	4,652,533	5,104,545													

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 (2002)			JICA's Technical Cooperation (FY 2002)														
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type													
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)	
Antigua and Barbuda	8.44	0.23		2002	0.49	P	6		1	4								3.90
						E	12,282	22,211	10,920									
				Cumulative Total	3.13	P	28	6	36						28.17			
E	74,137	87,123	121,237															
Argentina		1.54	-4.63	2002	15.25	P	127	10	56	30	37		22	18	130.88	6	3	
						E	365,159	627,692	154,056	219,185								
				Cumulative Total	394.63	P	2,616	981	1,526	19	54			7,391.44	14	34		
E	7,113,545	11,179,796	9,403,592			605,972	807,564											
Bahamas		0.03		2002		P												
						E												
				Cumulative Total	0.57	P	21							9.14				
E	48,126																	
Barbados		0.17		2002	1.18	P	5		9					44.02	1			
						E	8,088	64,923	669									
				Cumulative Total	5.53	P	67	22	2					108.15	1			
E	166,122	265,499	11,917															
Belize	0.17	0.37		2002	0.62	P	8				3	7		0.90				
						E	15,266				45,452							
				Cumulative Total	3.80	P	86	2		10				91.38				
E	177,397	8,557	3,760			98,577												
Bolivia	18.40	15.22	-2.26	2002	24.01	P	562	13	46	35	74	32	53	23	24	194.06	6	2
						E	445,005	771,672	346,387	326,771	274,791							
				Cumulative Total	515.05	P	2,810	912	2,126	565	54			7,488.55	13	45		
E	5,849,991	13,264,144	13,268,318			6,385,090	713,251											
Brazil	2.10	26.85	83.54	2002	30.09	P	283	40	37	19	110		37	77	111.69	5	4	
						E	1,187,167	296,566	613,129	653,037								
				Cumulative Total	897.28	P	7,661	2,148	3,283	49	170			14,670.42	35	45		
E	23,077,512	23,365,364	15,242,973			1,252,783	2,801,008											
Chile	0.72	10.45	-53.85	2002	11.96	P	93	4	33	30	31	7	34	1	168.41	6	1	
						E	217,190	497,459	109,715	185,420	16,795							
				Cumulative Total	351.85	P	2,278	1,052	1,654	82	3			7,462.27	18	35		
E	5,332,572	11,802,484	9,282,130			969,785	50,368											
Colombia	2.45	7.69	-6.75	2002	4.13	P	143	9	8	6	18	8	15	4	3	2.59	1	1
						E	276,279	69,410	137,316	89,893	25,969							
				Cumulative Total	58.61	P	2,269	393	1,398	175	9			3,007.28	6	42		
E	5,218,708	3,748,053	8,704,358			2,036,905	131,642											
Costa Rica	0.38	5.13	-10.00	2002	6.05	P	63	2	21	8	10	17	33	7	1	31.10	2	1
						E	90,638	180,228	22,403	184,675	47,915							
				Cumulative Total	231.47	P	1,045	343	720	362	8			1,972.34	5	15		
E	2,108,971	3,062,858	4,104,952			3,878,610	52,142											
Cuba	0.83	2.57		2002	4.44	P	51	8	7	2	32				26.54		2	
						E	158,050	62,294	197,431									
				Cumulative Total	14.68	P	398	26	68					96.01		2		
E	928,876	162,008	280,997															
Dominica	10.78	0.47		2002	0.46	P	6		1	2					2.24			
						E	11,627	25,809	6,616									
				Cumulative Total	8.19	P	60	6	73					146.65				
E	163,737	241,796	245,269															
Dominican Republic	13.16	12.84	11.00	2002	17.37	P	81	9	24	26	42	22	43	19	48	97.04	3	2
						E	199,031	446,292	263,552	278,820	451,918							
				Cumulative Total	208.69	P	979	358	937	361	82			2,159.51	5	17		
E	2,305,085	5,697,181	5,167,279			3,945,871	1,172,129											
Ecuador	23.50	3.27	-0.64	2002	7.38	P	40		11	5	38	25	37	1	114.43	1	1	
						E	75,239	142,474	151,991	245,651	8,256							
				Cumulative Total	149.48	P	1,025	205	986	257	1			1,625.30	1	23		
E	2,012,839	2,420,876	5,605,254			3,156,847	8,256											

P: Person E: Expenditure (thousand yen)

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)															
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	2002	Technical Cooperation Expenses (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers	Provisional Equipment (million yen)	Technical Cooperation Project Number (projects)	Development Study (number of projects)		
						New	On-going	New	On-going	New	On-going	New	On-going					New	On-going
El Salvador	7.88	11.46	11.54	2002	12.63	P 77	2	24	18	74	21	46			48.47	3	5		
				E 150,406				497,234			248,150								
				Cumulative Total	116.32	P 758		221		710		263				1,194.42	3	15	
Grenada	0.77	0.41		2002	0.06	P 3													
				E 4,807			1,306												
				Cumulative Total	9.23	P 72		5		81						79.27		2	
Guatemala	18.72	10.03	-1.43	2002	10.95	P 60	3	19	6	59	1	31	69		62.63		4		
				E 13,965				406,111			363,822								
				Cumulative Total	196.20	P 910		337		1,299		381				1,335.40	1	24	
Guyana	0.08	0.52		2002	0.55	P 5		1	1	6					0.32				
				E 7,384			29,585			17,896									
				Cumulative Total	8.42	P 111		12		74						37.53		1	
Haiti	8.45	0.73		2002	0.60	P 13				4									
				E 37,929			3,751			17,916									
				Cumulative Total	10.59	P 146		14		141						72.68			
Honduras	38.64	9.39	41.41	2002	14.04	P 127	2	17	13	42	25	79	15	24	79.18	1	2		
				E 183,804			253,815			213,095			484,711			181,428			
				Cumulative Total	302.48	P 1,278		653		1,450		819		54		3,714.06	5	26	
Jamaica	0.67	2.84	-11.72	2002	4.13	P 19		8	12	4	16	38	6	2	4.81	2			
				E 34,034			104,275			8,383		222,783		33,096					
				Cumulative Total	58.61	P 261		84		170		179		8		696.82	2	4	
Mexico	0.49	22.89	-34.87	2002	24.16	P 179	57	41	29	71	14	44	21	38	196.27	5	2		
				E 750,935			591,382			266,397		282,862		315,862					
				Cumulative Total	584.67	P 5,063		1,516		2,297		126		68		9,577.21	21	40	
Montserrat		0.01		2002		P													
				E															
				Cumulative Total	0.06	P										6.14			
Nicaragua	26.14	8.32	-5.01	2002	10.73	P 65	2	29	10	82	1	11	62	3	131.61	1	2		
				E 104,877			201,127			345,350		276,750		9,951					
				Cumulative Total	111.59	P 680		207		713		263		3		848.23	1	12	
Panama	0.87	7.74	-5.59	2002	10.16	P 59	4	21	15	61	5	20	37	6	52.46	2	3		
				E 99,454			281,636			286,777		206,844		89,199					
				Cumulative Total	209.75	P 1,128		331		1,051		226		22		3,766.05	6	15	
Paraguay	0.45	12.05	7.68	2002	20.89	P 98	12	39	38	24	43	56	37	41	93.96	6	1		
				E 350,129			740,453			39,876		395,719		400,331					
				Cumulative Total	683.90	P 2,540		1,263		2,248		784		97		12,020.11	21	38	
Peru	5.26	11.64	102.29	2002	8.44	P 307	19	27	3	4					77.14				
				E 625,505			114,798			12,915									
				Cumulative Total	408.83	P 4,943		725		1,841		205				6,702.82		49	
Puerto Rico				2002		P													
				E															
				Cumulative Total	0.02	P 1		1											
Saint Christopher and Nevis	6.21	0.14		2002	0.08	P 4													
				E 7,808															
				Cumulative Total	1.53	P 29		2		17						18.71			
Saint Lucia	7.52	0.57		2002	1.33	P 7	1		1		8	15	1		1.77				
				E 15,401			17,605			89,627		8,398							
				Cumulative Total	12.03	P 72		8		69		45		1		48.14			
Saint Vincent and the Grenadines	0.04	0.10		2002	0.59	P 2			1	6					8.27				
				E 3,741			23,294			23,208									
				Cumulative Total	8.02	P 76		10		55						55.55			
Suriname	0.08	0.25		2002	0.43	P 8	1			7									
				E 19,776			1,486			22,056									
				Cumulative Total	5.59	P 55		8		47						4.23			

P: Person E: Expenditure (thousand yen)

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)																	
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type										Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)				
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers								
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing							
Trinidad and Tobago	0.36	1.97		2002	P	9	1	5	5	4								35.96	1		
				E			27,493		187,265		5,417										
				Cumulative Total	P			113		58		134								365.92	2
Uruguay		4.88	-1.55	2002	P	51	3	8	6	19		1		10	16			76.08	1	2	
				E			101,081		83,820		139,334		6,326		140,783						
				Cumulative Total	P			905		399		517		1		29				2,852.82	9
Venezuela	0.77	2.11		2002	P	38	1	5	3			1						1.79		1	
				E			60,413		45,578		10,951		4,891								
				Cumulative Total	P			1,018		242		486		1						748.35	
Netherlands Antilles Curacao				2002	P																
				E																	
				Cumulative Total	P			1		1										1.33	
E			3,004		2,091																

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 (2002)			JICA's Technical Cooperation (FY 2002)																
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Type										Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)			
					Training Participants		Experts		Study Team Members		JOCV		Other Volunteers							
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing						
Cook Islands		0.09		2002	P	11														
				E			15,963				652									
				Cumulative Total	P			113		22		43								29.86
Fiji	1.06	7.24	7.31	2002	P	79	13	14	1	20		24	34	15	19			46.97	1	2
				E			204,676		128,626		134,466		265,479		176,138					
				Cumulative Total	P			1,536		271		688		283		35				1,965.08
Guam				2002	P															
				E																
				Cumulative Total	P							1								
Kiribati	7.61	1.10		2002	P	20		1	1											
				E			49,047		16,346											
				Cumulative Total	P			298		23		197								136.25
Marlana Islands				2002	P															
				E																
				Cumulative Total	P			1												
Marshall Islands	1.66	2.71		2002	P	9		1		24		10	19		1			2.83		
				E			10,577		1,401		137,047		121,150		8,468					
				Cumulative Total	P			122		5		177		85		1				53.69
Micronesia	5.20	2.85		2002	P	19	2	2	5	17		14	35	3	1			20.92	1	
				E			39,514		89,358		58,206		216,828		32,531					
				Cumulative Total	P			278		71		266		204		4				325.03
Nauru		0.22		2002	P	5														
				E			4,776													
				Cumulative Total	P			76		2		11								
New Caledonia				2002	P															
				E																
				Cumulative Total	P							1,582								
New Zealand				2002	P															
				E																
				Cumulative Total	P			4		1		4								105.96
Nue		0.05		2002	P	5														
				E			8,566													
				Cumulative Total	P			56												
E			98,695				565													

P: Person E: Expenditure (thousand yen)



Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY 2002)														
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)	
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing				
Palau	12.39	2.28		2002	4.19	P	14	3	7	2	12	14	31	3	8	18.23		
				E	29,602	58,757	11,527	218,964	81,787									
Papua New Guinea	13.06	7.62	-18.96	2002	9.90	P	259	11	7	11	24	17	53	2	6	69.27	1	1
				E	279,110	202,554	65,721	298,597	53,631									
Samoa	10.86	2.21		2002	5.74	P	39	5	9	6	13	15	11		16	47.08		
				E	129,700	130,276	38,931	101,587	122,223									
Solomon Islands	0.45	0.44	-2.98	2002	0.71	P	19				10					1.95		
				E	29,169			39,890										
Tonga	1.08	2.76		2002	3.89	P	25			2	9	17	35	5	3	5.34		
				E	46,349	31,606	39,714	228,161	37,613									
Tuvalu	7.72	0.32		2002	0.18	P	11									28.33		2
				E	18,341		5	52										
United States Miscellaneous Pacific Islands				2002	0.03	P										3.28		
				E														
Vanuatu	0.28	1.15	-0.09	2002	2.68	P	22		1	3	5	12	24	2	1	3.67		
				E	44,439	46,058	11,755	139,012	22,863									
				Cumulative Total		P	421		80	247	266			10	935.94		2	
				E	944,670	1,305,517	971,639	2,788,047	80,422									

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 (2002)			JICA's Technical Cooperation (FY 2002)													
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	Technical Cooperation Expenses (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)
					New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing			
Albania	3.72	0.36	-0.04	2002	0.49	P	9		2		1				12.63		
				E	18,021	12,940	3,009										
Austria				2002	0.52	P			1	2					0.28		
				E		51,737											
Belgium				2002	0.00	P					4				27.80		
				E				432									
Bosnia and Herzegovina	10.15	1.56	3.20	2002	2.71	P	31	9	3		27				0.21		1
				E	58,143	18,644	191,295										
Bulgaria	0.99	6.01	28.21	2002	4.36	P	58		8	10	7	16	31		16.40	1	
				E	109,513	87,317	11,285	210,725									
Croatia	0.41	0.44	-0.34	2002	0.40	P	10	1	2						1.68		
				E	24,382	14,112	50										
Cyprus		0.03		2002		P									1.68		1
				E													
				Cumulative Total		P	62		2		50			832.84	1	7	
				E	137,995	14,112	374,231										

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

Country	Japan's ODA (2002)			JICA's Technical Cooperation (FY: 2002)														
	Grant Aid (US million dollars)	Technical Cooperation (US million dollars)	Government Loans (US million dollars)	2002	Technical Cooperation Expenditure (100 million yen)	Training Participants		Experts		Study Team Members		JOCV		Other Volunteers		Provision of Equipment (million yen)	Technical Cooperation Project (number of projects)	Development Study (number of projects)
						New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing			
Czech Republic	0.38	1.05	2002	0.68	P	18		1	1							16.24		
			E	28,490		23,513												
Czech Republic	0.38	1.05	Cumulative Total	5.08	P					1						63.07		
			E	313,625		126,462			4,392									
Czechoslovakia			2002		P													
			E															
Czechoslovakia			Cumulative Total	5.96	P			3		33						0.68		
			E	438,033		8,169		149,334										
Denmark			2002	0.01	P					1								
			E															
Denmark			Cumulative Total	0.05	P					4								
			E			1,743		2,288										
Estonia			2002	0.16	P	13												
			E	15,571														
Estonia			Cumulative Total	1.02	P			56										
			E	101,805														
France			2002	0.16	P					23						0.40		
			E			450		5,331										
France			Cumulative Total	4.76	P			1		28						6.15		
			E			58,985		264,365		106,442								
Germany			2002	0.00	P					3								
			E					324										
Germany			Cumulative Total	0.43	P			1		2								
			E			23,941		19,164										
Greece			2002		P													
			E															
Greece			Cumulative Total	3.45	P			27		8						26.01		
			E	138,081		7,559		168,858										
Hungary		5.41	2002	3.80	P	24	1	8	7	5		11	19			72.86		
			E	48,039		121,766		6,737		130,134								
Hungary		5.41	Cumulative Total	69.26	P			724		86		365		116		702.05		6
			E	1,476,571		996,896		2,212,904		1,520,690								
Italy			2002	0.00	P					1								
			E					108										
Italy			Cumulative Total	0.83	P					1						63.00		
			E			14,221		6,103										
Kosovo			2002	0.08	P	5												
			E	8,252														
Kosovo			Cumulative Total	0.08	P			5										
			E	8,252														
Latvia			2002	0.16	P	8	1											
			E	16,359														
Latvia			Cumulative Total	4.03	P			59		6						1.30		1
			E	110,045		21,952		270,130										
Lithuania			2002	1.31	P	16		1	1	6								1
			E	15,514		14,336		101,382										
Lithuania			Cumulative Total	7.21	P			83		10						42.64		4
			E	120,953		80,655		476,491										
The Former Yugoslav Republic of Macedonia	3.28	0.60	2002	0.80	P	12												
			E	27,246		19		49,011										
The Former Yugoslav Republic of Macedonia	3.28	0.60	Cumulative Total	15.33	P			139		14						51.27		7
			E	358,659		37,076		1,077,257										
Malta		0.19	2002	0.11	P	4												
			E	11,412														
Malta		0.19	Cumulative Total	3.99	P			77		18						5.08		1
			E	252,431		94,536		44,178										
Moldova	3.70	2.04	2002	2.11	P	21	1		1	20						27.16		1
			E	39,788		19,838		124,122										
Moldova	3.70	2.04	Cumulative Total	7.80	P			57		6						186.52		1
			E	84,664		47,177		461,601										
Monaco			2002		P													
			E															
Monaco			Cumulative Total	0.02	P					2								
			E					2,430										
Netherlands			2002	0.00	P					3								
			E					324										
Netherlands			Cumulative Total	0.05	P			7		8								
			E					4,513										
Norway			2002		P													
			E															
Norway			Cumulative Total	0.06	P					2								
			E					54		4,930								

P: Person E: Expenditure (thousand yen)



### JICA's Grant Aid

#### ASIA

##### ARMENIA (1 project)

- The Project for Improvement of Road Maintenance Equipment for Yerevan City (5.41)

##### BANGLADESH (3 projects)

- The Project for Human Resource Development Scholarship (3.35)
- The Project for Improvement of Portable Steel Bridges for Feeder Roads (7.01)
- The Project for Improvement of Steel Bridges for Roads in Rural Areas (3.63)

##### BHUTAN (2 projects)

- The Project for Reconstruction of Bridges (7.58)
- The Increase of Food Production (4.00)

##### CAMBODIA (8 projects)

- The Project for Expansion of Electricity Supply Facilities in Siem Reap (5.80)
- The Project for Flood Protection and Drainage Improvement in the Municipality of Phnom Penh (7.34)
- The Project for Rural Drinking Water Supply in Peri-Urban of Phnom Penh City (7.84)
- The Project for Construction of Primary Schools in Phnom Penh (5.77)
- The Project for Expansion of Phum Prek Water Treatment Plant (15.17)
- The Project for Rehabilitation of National Road No. 7 Kampong Cham (8.49)
- The Project for Human Resource Development Scholarship (3.66)
- The Project for Improvement of Equipment for Demining Activities Phase 3 (7.98)

##### CHINA (10 projects)

- The Project for Afforestation for Conservation of Middle Stream of Huang He (4.89)
- The Project for Improvement of Equipment for the Flood Control System of the Hanjiang River (5.30)
- The Project for Support of Combat with Poverty at Tian Hu Poor Areas in Guangxi Zhuang Autonomous Region (6.70)
- The Project for Human Resource Development Scholarship (3.63)
- The Project for Improvement of the Surrounding Area of the Hanyuan Hall of the Daming Palace (2.80)
- The Project for Afforestation for Conservation of Middle Stream of Huang He Phase 2 (1.79)
- The Project for Supply of Equipment for the Secondary Vocational Schools Phase 2 (12.68)
- The Project for Tuberculosis Control in Poor Areas Phase 2 (4.02)
- The Project for Improvement of Control Equipment in Changchun Sino-Japanese People's Friendly Waterworks (9.99)
- The Project for Improvement of Equipment for Emergency Centers in Interior Regions (9.95)

##### INDONESIA (8 projects)

- The Project for Urgent Countermeasures for

Sedimentation in Wonogiri Multipurpose Dam Reservoir (2.17)

- Rural Water Supply Project in Sulawesi Island (8.64)
- The Project for Expansion of Electronic Engineering Polytechnic Institute of Surabaya (12.86)
- The Project for Improvement of Training Equipment for Multi Media Training Center (5.90)
- The Project for Rehabilitation of the National Park Degraded by Forest Fire (1.11)
- The Project for Human Resource Development Scholarship (2.70)
- The Project for Research on Decentralization Phase 2 (0.93)
- The Project for Bridge Construction in the Central and North Sulawesi Provinces (0.61)

##### KAZAKHSTAN (1 project)

- The Project for Improvement of Medical Equipment to Multi-field Hospital Complex of Kyzylorda (4.67)

##### KYRGYZSTAN (1 project)

- The Project for Improvement of Medical Equipment for Obstetric and Gynecologic Hospitals (6.88)

##### LAOS (6 projects)

- The Project for Rehabilitation of the Nam Ngum I Hydropower Station (3.44)
- The Project for Construction of the International Cooperation and Training Center (7.90)
- The Project for Improvement of the National Road Route 9 (10.41)
- Food Aid (5.00)
- The Project for Human Resource Development Scholarship (3.83)
- The Project for Improvement of the National Road Route 9 Phase 2 (15.45)

##### MALDIVES (2 projects)

- The Project for Reconstruction of the Third Primary School in Male (5.56)
- Food Aid (1.70)

##### MONGOLIA (6 projects)

- The Project for Improvement of Roads in Ulaanbaatar (5.42)
- Food Aid (4.00)
- The Project for Human Resource Development Scholarship (2.97)
- The Project for Improvement of Primary Education Facilities Phase 2 (9.02)
- The Project for Improvement of Shortwave Radio Broadcasting Network (11.27)
- The Project for Rehabilitation of Railway Facilities (3.47)

##### MYANMAR (3 projects)

- The Project for Rehabilitation for Baluchaung No.2 Hydro Power Plant (6.28)
- The Project for Human Resource Development Scholarship (2.66)

- The Project for Afforestation in Central Dry Zone (4.8)

##### NEPAL (6 projects)

- The Project for Improvement of Intersections in Kathmandu City (5.31)
- The Project for Improvement of Kathmandu Water Supply Facilities (9.27)
- The Project for Construction of Sindhuli Road (Section 2: Sindhuli Bazar-Khurkot) (9.76)
- The Project for Construction of Sindhuli Road (Section 2: Sindhuli Bazar-Khurkot) (9.57)
- The Increase of Food Production (5.00)
- The Project for the Extension and Reinforcement of Power Transmission and Distribution System in Kathmandu Vally Phase 3 (0.16)

##### PHILIPPINES (8 projects)

- The Project for Rehabilitation of Apron at Angat Afterbay Regulator Dam (6.86)
- The Project for Human Resource Development Scholarship (2.06)
- The Project for Construction of a Hydraulic Laboratory Building (4.56)
- The Project for Improvement of Earthquake and Volcano Monitoring System Phase 2 (9.1)
- The Project for Improvement of Educational Facilities Phase 6 (7.11)
- The Project for Improvement of Water Quality in Local Areas (7.95)
- The Project for Construction of Bridges along Rural Roads in Northern Luzon (7.29)
- The Project for Measles Control (8.81)

##### SRI LANKA (3 projects)

- The Project for Reconstruction of Gampola Bridge and Muwagama Bridge (7.65)
- The Project for Improvement of Nuwara Eliya Water Supply (5.55)
- The Project for Improvement of General Hospital Ratnapura (3.26)

##### THAILAND (1 project)

- The Project for the Construction of the Asia-Pacific Development Center on Disability (0.47)

##### UZBEKISTAN (3 projects)

- The Project for Improvement of Equipment for Preservation of Cultural Heritage in Khiva, Bukhara, Shakhrisabz, Samarkand and Other Areas (1.41)
- The Project for Improvement of Nursing Education System (2.92)
- The Project for Human Resource Development Scholarship (3.48)

##### VIET NAM (7 projects)

- The Project for Construction of Marine Culture Research and Development Center in Nha Trang (8.73)
- The Project for Supply of Equipment for Waste Management in Hanoi City (8.96)
- The Project for Reconstruction of Bridges in Mekong Delta Area (13.48)

- The Project for Human Resource Development Scholarship (4.63)
- The Project for Afforestation on the Coastal Sandy Area in Southern Central Viet Nam (3.48)
- The Project for the Groundwater Development in Rural Part of Northern Provinces (8.67)
- The Project for the Construction of the Facilities for Measles Vaccine Production (1.36)

## MIDDLE EAST

### AFGHANISTAN (3 projects)

- The Project for Improvement of TV Broadcasting Equipment in Kabul (23.48)
- The Project for Rehabilitation of the Public Transportation System in Kabul City (22.3)
- The Project for Improvement of the Equipments for Afghan Police (2.89)

### EGYPT (4 projects)

- The Project for Improvement of Water Supply System at the Northern Pyramids Area in Giza City (0.77)
- The Increase of Food Production (9.68)
- The Project for Supply of Equipment for the Regional Environmental Monitoring Network Phase 2 (5.48)
- The Project for Rehabilitation of Floating Pump Stations in Upper Egypt Phase 3 (8.67)

### JORDAN (1 project)

- The Project for Improvement of the Water Supply System for the Zarqa District (9.68)

### MOROCCO (2 projects)

- The Project for Developing an Artisanal Fishery Village in Sidi Hsaine (5.15)
- The Project for Improving Maternity Care in Local Villages (7.84)

### SYRIA (3 projects)

- The Project for Rehabilitation of Water Distribution Pipelines in Damascus City Phase 2 (3.34)
- The Project for Supply of Equipment in Damascus Intermediate Institute for Textile Industries (3.80)
- The Project for Improvement of Water Supply in the Rural Province of Damascus Phase 2 (4.40)

### YEMEN (2 projects)

- The Project for Construction of School Facilities of Basic Education (5.65)
- The Project for Expansion of Tuberculosis Control in the Southern Governorates (5.89)

## AFRICA

### ANGOLA (4 projects)

- The Project for Improvement of Josina Machel Hospital (11.36)
- The Project for Construction of Primary Schools in Luanda (11.96)
- Food Aid (5.00)
- The Project for Rehabilitation of Telephone Network in Luanda Phase 2 (9.75)

### BENIN (1 project)

- Food Aid (2.00)

### BURKINA FASO (2 projects)

- The Project for Improving the Equipment at the National Radio Station (2.58)
- Food Aid (3.00)

### CAMEROON (1 project)

- The Project for Construction of Primary Schools Phase 2 (9.83)

### CAPE VERDE (2 projects)

- The Project for Expansion of Praia Fishing Port (5.13)
- Food Aid (2.50)

### DJIBOUTI (1 project)

- The Djibouti City Water Supply Project (4.85)

### ERITREA (1 project)

- Food Aid (3.60)

### ETHIOPIA (2 projects)

- Food Aid (10.00)
- The Project for Rehabilitation of Trunk Road Phase 2 (6.76)

### GAMBIA (1 projects)

- Food Aid (2.10)

### GHANA (3 projects)

- The Project for Rehabilitation of Trunk Road (1.16)
- The Project for Construction of Small and Medium Scale Bridges (6.03)
- The Project for Rural Electrification (7.55)

### GUINEA (3 projects)

- The Project for the Construction of Kenien Fish Market in Conakry City (8.10)
- The Project for the Construction of Primary Schools in Conakry City (5.16)
- Food Aid (3.50)

### KENYA (2 projects)

- The Project for Reconstruction of Athi Bridge and Ikulha Bridge (2.70)
- The Meru Water Supply Project (6.30)

### MALAWI (1 project)

- The Project for Development of Groundwater in Lilongwe-Dedza (5.18)

### MALI (1 projects)

- The Project for Construction of Primary Schools Phase 2 (9.76)

### MAURITANIA (2 projects)

- The Project for Improving Drinking Water Supply Facilities in Kiffa City (3.00)
- Food Aid (3.00)

### MAURITIUS (1 project)

- The Project for Upgrading and Renovation of the Management and Training Facilities for Artisanal

Fisheries (2.31)

### MOZAMBIQUE (4 projects)

- The Project for Groundwater Development for Rural Water Supply in Zambezia Province (4.28)
- The Project for Rehabilitation of Chokwe Irrigation Scheme (8.85)
- Food Aid (5.00)
- The Project for Reconstruction of Bridges on Main Roads Phase 2 (6.81)

### NIGER (1 project)

- Food Aid (4.50)

### NIGERIA (2 projects)

- The Project for Rural Water Supply and Sanitation in Oyo State (7.10)
- The Project for Rural Electrification (16.28)

### SAOTOME AND PRINCIPE (1 project)

- Food Aid (1.50)

### SENEGAL (5 projects)

- The Project of Coastal Afforestation (2.74)
- The Project for Improving the National Health and Medical Care and Social Development School (1.31)
- The Project for Improving Teaching Materials for Primary Education (3.01)
- Food Aid (3.50)
- The Project for the Construction of Classrooms of Primary Schools Phase 4 (11.46)

### SOUTH AFRICA (2 projects)

- The Project for Construction of Primary and Junior Secondary Schools in the Mpumalanga Province (6.60)
- The Project for Rural Water Supply in the Eastern Cape Province (6.30)

### TANZANIA (6 projects)

- The Project for Development of School Facilities for Dares Salaam Primary Schools (6.33)
- The Project for Rehabilitation of Tanzam Highway (Kitonga Gorge Section) (2.88)
- The Project for Makuyuni-Ngorongoro Road Rehabilitation (11.17)
- The Project for Infectious Diseases Control (3.14)
- Food Aid (6.00)
- The Project for Rural Drinking Water Supply in Hanang, Singida Rural, Manyoni and Igunga Districts (3.75)

### UGANDA (2 projects)

- The Project for Improvement of Health Care Service System in Soroti Region (1.64)
- The Project for Improvement of Trunk Roads in Kampala Phase 2 (3.68)

### ZAMBIA (3 projects)

- The Project for Construction of the Chirundu Bridge (1.47)
- The Project for Groundwater Development and Sanitation Improvement in Drought Prone Rural Areas (4.89)

- The Project for Improvement and Maintenance of Lusaka City Roads Phase 2 (9.06)

#### ZINBABWE (1 project)

- The Project for Construction of the Chirundu Bridge (1.47)

### LATIN AMERICA

#### ANTIGUA AND BARBUDA (1 project)

- The Project for Rehabilitation of Artisanal Fishery (7.62)

#### BOLIVIA (3 projects)

- The Project for Enhancing the Maternal and Child Medical Care System in Cochabamba (2.31)
- The Project for Improvement of Roads in the Northwestern Part of Santa Cruz (11.11)
- The Increase of Food Production (4.20)

#### DOMINICA (1 project)

- The Project for Improvement of Marigot Fish Landing Facilities (4.63)

#### DOMINICAN REPUBLIC (1 project)

- The Project for Improving Water Supply Facilities in Underdeveloped Regions (5.54)

#### ECUADOR (2 projects)

- The Project for Groundwater Development in Loja Province (3.23)
- The Increase of Food Production (5.00)

#### EL SALVADOR (1 project)

- The Project for Urgent Rehabilitation of Bridges on Trunk Roads (5.51)

#### GRENADA (1 project)

- The Project for Improvement of Fish Marketing for Grenville (5.92)

#### GUATEMALA (4 projects)

- The Project for Improving Equipment at the National Civil Policy Academy (1.89)
- The Project for Constructing the National Puerto Barrios Hospital and Provision of Medical Equipment (4.44)
- The Increase of Food Production (4.00)
- The Project for Rehabilitation of Rural Water Treatment Plant Phase 2 (8.83)

## Development Studies

### ASIA

#### ARMENIA (1 project)

- The Study on the Mining Sector Development Master Plan in the Republic of Armenia

#### AZERBAIDJAN (1 project)

- National Digital Mapping Project in the Republic of Azerbaijan

#### GUYANA (1 project)

- The Project for Reconstruction of the New Amsterdam Hospital (7.03)

#### HAITI (2 projects)

- Food Aid (3.00)
- The Increase of Food Production (2.80)

#### HONDURAS (7 projects)

- The Project for Construction of Ilama Bridge and Democracia Bridge (9.97)
- The Project for Reconstruction of Guasaule Bridge (1.65)
- The Project for Reconstruction of Choluteca Bypass Bridge (5.86)
- The Project for Rehabilitation of Water Supply in Tegucigalpa City (10.76)
- The Project for Reconstruction of Bridges in Tegucigalpa Region (2.60)
- The Increase of Food Production (4.00)
- The Project for Strengthening Regional Health Care Hospital Network No. 3 (9.27)

#### NICARAGUA (5 projects)

- The Project for Reconstruction of Guasaule Bridge (1.65)
- The Increase of Food Production (3.70)
- The Project for Upgrading Medical Centers in the Pacific Coastal Area (6.58)
- The Project for Construction of Facilities for Primary Schools Phase 2 (10.96)
- The Project for Enhancing Health Services for Children Phase 3 (4.30)

#### PANAMA (1 project)

- The Project for Development of Small-scale Fisheries (4.49)

#### SAINT LUCIA (1 project)

- The Project for Improvement of Coastal Fisheries Development (10.46)

### OCEANIA

#### FJI (1 project)

- The Project for Construction of the New Fiji Pharmaceutical Services Center (3.00)

#### MICRONESIA (1 project)

- The Project for the Road Improvement for the State of Yap (6.35)

#### PALAU (1 project)

- The Project for Improvement of Terminal Building at Palau International Airport (13.74)

#### PAPUA NEW GUINEA (2 projects)

- The Project for Reconstruction of Leron Bridge and Bitija Bridge on the Highlands Highway (5.24)
- The Project for Town Water Supply (7.78)

#### SAMOA (1 project)

- The Project for the Second Development of Apia Port (8.91)

### EUROPE

#### ALBANIA (1 project)

- The Increase of Food Production (1.60)

#### BOSNIA AND HERZEGOVINA (2 projects)

- The Project for Construction of Basic Schools (10.89)
- The Project for Improvement of Community Based Rehabilitation Centers (5.93)

#### MOLDOVA (1 project)

- The Increase of Food Production (3.00)

#### SERBIA AND MONTENEGRO (2 projects)

- The Project for Improvement of Medical Equipment for Main Hospitals in Republic of Serbia (13.92)
- The Project for Rehabilitation of the Bajna Basta Pumped Storage Hydroelectric Power Plant (6.98)

#### THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA (1 project)

- The Project for Improvement of Medical Equipment for Respiratory Facility in Skopje (1.06)

(Total: 193 projects)

#### Notes:

1. This list shows Grant Aid projects expedited by JICA in fiscal 2002.
2. Figures in parentheses are the grant in fiscal 2002 (unit: 100 million yen).

- of Data Communication/Transmission Network of Flood Forecasting and Warning Service
- Study for Portable Steel Bridge Construction on Feeder & Rural Roads in the People's Republic of Bangladesh

#### BUHTAN (1 project)

- The Study on Agriculture and Farm Road Development in the Lhuntse and Mongar District

**CAMBODIA (7 projects)**

- The Study on Regional Development for the Phnom Penh-Sihanoukville Growth Corridor
- A Study on the Establishment of GIS Map Data for Cambodia
- The Study on Groundwater Development in Central Cambodia
- The Feasibility Study on the Improvement of National Road No.1 (Phnom Penh-Neak Loueng Section) in the Kingdom of Cambodia
- Study on Solid Waste Management in Phnom Penh Municipality in the Kingdom of Cambodia
- The Feasibility Study on Establishment of Open Paddy Market in Cambodia
- The Study for Establishment of Electric Power Technical Standards and Guideline in Kingdom of Cambodia

**CHINA (7 projects)**

- Study on the Master Plan for Air Pollution Control in Gulyang Municipality
- The Study on Regional Development and Urbanization Program in the Western Region in the Republic of China
- The Study on Reforestation in Anning Watershed in Sichuan Province
- Master Plan Study on Afforestation and Management in Miyun Dam Watershed (Miyun County) of Beijing City
- The Study for Yangbajain Geothermal Subterranean Development in the Tibet, China
- The Study on Reforming SME Finance System in the People's Republic of China
- The Mineral Exploration in the Altai Area, People's Republic of China

**EAST TIMOR (1 project)**

- The Study on Integrated Agricultural Development of East Timor

**GEORGIA (1 project)**

- Master Plan Study on Promotion of Mining Industry in Georgia

**INDIA (4 projects)**

- The Reconstruction Support for the Gujarat-Earthquake Disaster in Devastated Area in India
- Integrated Pollution Abatement and River Basin Management Project for Ganga Basin
- Seminar on the Development Study on Reproductive Health in the State of Madhya Pradesh, India
- Development Study on the Improvement of Power Distribution System of Andhra Pradesh in India

**INDONESIA (24 projects)**

- The Study on Flood Control Project in Limboto Bolango Bone Basin, North Sulawesi in the Republic of Indonesia
- The Study on the Development Scheme for the Principal River Ports in Indonesia
- Study for the Maritime Traffic Safety System Development Plan

- The Feasibility Study on Rural Water Supply Project in Nusa Tenggara Barat and Nusa Tenggara Timur
- The Study on Comprehensive Water Management of Musi River Basin
- The Study on Integrated Transportation Masterplan for JABOTABEK in the Republic of Indonesia Phase 2
- The Study for Development of the Greater Jakarta Metropolitan Ports of Indonesia
- Regional Educational Development and Improvement Program Phase 2
- The Program for Economic Policy Support
- Technical Appraisal for the Detailed Design Study of Railway Electrification and Double-Double Tracking of Java Main Line Project in Indonesia
- The Study on Development of Domestic Sea Transportation and Marine Industry in Republic of Indonesia
- The Detailed Design Study of Railway Electrification and Double-Double Tracking of Java Main Line Project in Indonesia
- The Master Plan Study for the Strategic Policy of the Air Transport Sector
- Local Development Study by Resident Representative Office of Indonesia (Study on Current Status and Needs Assessment of Local Governments for Implementing Decentralization and Regional Autonomy in Indonesia)
- Urgent Inventory Study on Damage of Flood 2002 in JABOTABEK area in Indonesia
- Study on Integrated Regional Development and Environmental Conservation Management in the Catchments of Lake Toba with Participatory Approach
- The Support Program for Agriculture and Fisheries Development in the Republic of Indonesia
- The Study for Comprehensive Recovery Programme of Irrigation Agriculture
- The Study on Fisheries Infrastructure Support and Coastal Communities Development Plan in Eastern Indonesia
- Study on Strengthening Capacity of SME Clusters in Indonesia
- The Study on Rural Energy Supply with Utilization of Renewable Energy in Rural Areas
- The Study on the Optimal Electric Power Development and Operation in Indonesia
- The Capacity Building Program on the Implementation of the WTO Agreements in the Republic of Indonesia
- The Mineral Exploration in the East Jawa Area, Republic of Indonesia

**KAZAKHSTAN (3 projects)**

- Urban Design Model Development Project in Astana
- The Detailed Design Study of the Water Supply and Sewerage System for Astana City in the Republic of Kazakhstan
- The Mineral Exploration in the Kokpetinskaya Area, the Republic of Kazakhstan

**LAOS (8 projects)**

- The Study on Improvement of Road in the Southern Region in Lao P.D.R
- The Study on Mekong Riverbank Protection around Vientiane Municipality, in the Lao People's Democratic Republic
- Vientiane Water Supply Development Project
- The Study on the Telecommunications Development in Lao P.D.R.
- The Study on the Improvement of Rural Health Services in the Lao People's Democratic Republic
- The Establishment of GIS Base Map Data for Mekong River Basin in Lao People's Democratic Republic
- The Study on Master Plan of Transmission Line and Substation System
- Feasibility Study on the Nam Ngiep-1 Hydroelectric Power project

**MALAYSIA (7 projects)**

- The Study on Enhancement of Info-Communications Access in Rural Communities in Malaysia
- Study on the Safety Closures and Rehabilitation of Landfill Sites in Malaysia
- The Study for Conservation and Improvements of Historical Urban Environment of Maraca City
- The Study on Development for Enhancing Rural Women Entrepreneurs in Sabah, Malaysia
- The Study on Cleaner Production Promotion in Industry Sector
- The Study on Enhancement of Intellectual Property Rights Administration Capacity through Utilization of Information Technology in Malaysia
- Capacity Building Program on Implementation of the WTO Agreements in APEC Area (Malaysia)

**MONGOLIA (6 projects)**

- Feasibility Study on Construction of Eastern Arterial Road in Mongolia
- Master Plan Study for Development of Rural Telecommunication System in Mongolia
- The Study on the Support for the Economic Transition and Development in Mongolia
- The Study on Improvement Plan of Livestock Farming System in Rural Area in Mongolia
- JICA Development Study Supporting the Rehabilitation Project of the 4th Thermal Power Plant in Ulaanbaatar, Mongolia Phase 2
- The Mineral Exploration in the Western Erdenet Area, Mongolia

**MYANMER (7 projects)**

- The Japan-Myanmar Cooperation Programme for Structural Adjustment of the Myanmar Economy
- The Study on Improvement of Water Supply System in Yangon City in the Union of Myanmar
- The Study on Water Supply System in Mandalay City and in the Central Dry Zone in the Union of Myanmar
- Development Study for the Improvement of Quality and Access of Basic Education in the Union of Myanmar

- The Establishment of Geographic Database for the National Rehabilitation and Development Programme in the Union of Myanmar
- The Study on Integrated Mangrove Management through Community Participation in the Ayeyawady Delta
- The Study on Introduction of Renewable Energy to Rural Areas in Myanmar

#### NEPAL (3 projects)

- Basic Study for the Rural Electrification through Small Hydropower Development in Rural Hilly Areas in Nepal
- The Feasibility Study on the Sunsari River Irrigation Project
- Feasibility Study on the Construction of the Kulekhani-3 Hydro-Power Plant

#### PAKISTAN (1 project)

- The Study on Comprehensive Flood Mitigation and Environmental Improvement Plan of the Lai Nullah Basin in the Islamic Republic of Pakistan

#### PHILIPPINES (21 projects)

- D/D Study on Upgrading Inter-Urban Highway System along the Pan-Philippine Highway (Plaridel, Cabanatuan, San Jose Bypass)
- The Establishment of the Public-Private Participation Technique of Metro Manila Urban Expressway Construction in the Republic of the Philippines
- Study on Water Resources Development for Metro Manila
- Earthquake Impact Reduction Study for Metropolitan Manila, Republic of the Philippines
- The Feasibility Study of the Proposed Cavite Busway System in the Republic of the Philippines
- The Study on Sabo and Flood Control for Western River Basin of Mount Pinatubo in the Republic of the Philippines
- The Detailed Design for the New CNS/ATM System Development Project in the Republic of the Philippines
- The Study on the Master Plan for the Strategic Development of the National Port System in the Republic of the Philippines
- Study on the Improvement of Existing Bridges along Pasig River and Marikina River
- F/S on Road Network Improvement for Development of Regional Growth Centers
- The Study on Drainage Improvement in the Core Area of Metro Manila
- Micro-Hydropower Development Study for Unenergized Barangays in Northern Luzon
- Nationwide Groundwater Quality Survey
- The Study on the Irrigator's Association Strengthening Project in National Irrigation Systems
- Master Plan Study for Watershed Management in Upper Magat and Cagayan River Basin
- The Study on Industrial Hazardous Waste Management in the Republic of the Philippines Phase 2

- The Study on Environmental Management with Public and Private Sector Ownership (Empower) in the Republic of the Philippines
- Support Program for the SME Development Plan in the Republic of the Philippines
- The Study on the Institutional Capacity Building for the DOE under a Restructured Philippine Electric Power Industry
- The Master Plan Study of Power Development in Palawan Province in the Republic of the Philippines
- The Capacity Building Program for the Implementation of the WTO Agreements in the Republic of the Philippines

#### SRI LANKA (6 projects)

- The Study on Urban Drainage Improvement Plan for the Colombo Metropolitan Region in the Democratic Socialist Republic of Sri Lanka
- The Study on the Comprehensive Groundwater Resources Development for Hampantota and Monaragala Districts in Sri Lanka
- The Study on Improvement of Solid Waste Management in Secondary Cities of Sri Lanka
- Master Plan Study for Strengthening Health System
- Master Plan Study for the Development of Science and Mathematics in the Primary and Secondary Level
- The Study of Hydropower Optimization in Sri Lanka

#### THAILAND (9 projects)

- The Study on Improvement of Road Traffic Environment
- Study on Development for Securing System of Building Safety
- Study on the Acid Deposition Control Strategy in the Kingdom of Thailand
- Study on Emergency Flood Prevention for Hat Yai District in Khlong U-tapao River Basin
- The Study on East Asia/ASEAN Rice Reserve System
- The Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin
- The Development Study on Human Resources Training/Development in the Context of Economy in the Rural Areas 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
- The Capacity Building Program on Implementation of WTO Agreements in APEC Area

#### UZBEKISTAN (3 projects)

- The Study for the Restructuring of Health and Medical System in Republic of Uzbekistan
- Improvement of the Water Supply Systems of Tashkent and Chirchik Cities
- The Detailed Design Study for Modernization of Tashkent Thermal Power Plant in Uzbekistan

#### VIET NAM (11 projects)

- Port System Development Study in Southern Part of Viet Nam
- Feasibility Study on Red River Navigation Improvement, the Segment through Hanoi
- Study on Groundwater Development in the Rural Provinces of the Central Highlands in the Socialist Republic of Viet Nam
- Sector Program on Primary Education Development in the Socialist Republic of Viet Nam Phase 2
- The Study on Nationwide Water Resources Management in the Socialist Republic of Viet Nam
- The Study on Urban Transport Master Plan and Feasibility Study in HCM Metropolitan Area in the Socialist Republic of Viet Nam (HOUTRANS)
- FDI Promotion Strategy
- The Feasibility Study on Forest Management Plan in Central Highland in Viet Nam
- Artisan Craft Development Plan for Rural Industrialization in the Socialist Republic of Viet Nam
- The Renewable Energy Master Plan Study in the Northern Part of Socialist Republic of Viet Nam
- The Master Plan on Pumped Storage Power Project and Optimization for Peaking Power Generation

#### ASIA REGION (1 project)

- The Study on Hydro-Meteorological Monitoring for Water Quantity Rules

### MIDDLE EAST

#### AFGHANISTAN (5 projects)

- The Study on the Urgent Rehabilitation Programme of Kabul City in the Islamic State of Afghanistan
- The Urgent Rehabilitation Support Programme in Afghanistan Rehabilitation Planning in the South-Western Area and the Public Transportation System of the Whole Kabul City
- The Study on the Urgent Rehabilitation Programme of Kandahar City in the Islamic State of Afghanistan
- The Study on the Urgent Rehabilitation Programme of Kabul City in the Islamic State of Afghanistan (Technical Evaluation and Appraisal)
- The Study on Urgent Rehabilitation Support Program of Agriculture in Kandahar

#### EGYPT (3 projects)

- The Development Study on Inland Waterway Transport in the Arab Republic of Egypt
- Study on Regional Economical Trend and Market for Social Fund for Development
- Transportation Master Plan and Feasibility Study of Urban Transport Projects in Greater Cairo Region in the Arab Republic of Egypt

#### IRAN (6 projects)

- Study on Watershed Management Plan for Karoon River in the Islamic Republic of Iran



- The Study for Strengthening and Improving Air Quality Management in Greater Tehran Area
- Comprehensive Master Plan Study on Urban Seismic Disaster Prevention and Management for the Greater Tehran Area in the Islamic Republic of Iran
- The Study on Integrated Management for Ecosystem Conservation of the Anzali Wetland in the Islamic Republic of Iran
- The Study on Gharasu River Basin Agricultural Infrastructure Development Project
- The Study of Improvement of Irrigation, Drainage and Agricultural Development for Gorgan Plain, Golestan Province

#### **LEBANON (2 projects)**

- Study on Water Resources Management Master Plan in the Republic of Lebanon
- The Study on the Integrated Tourism Development Plan

#### **JORDAN (1 project)**

- Study on Digital Self-Learning Material Development in the Hashemite Kingdom of Jordan

#### **MOROCCO (3 projects)**

- Master Plan Study on Flood Forecasting System for Atlas Region in the Kingdom of Morocco
- The Development Study on Rural Community Development Project in Semi-Arid East Atlas Regions with Khettara Rehabilitation
- The Mineral Exploration in Marrakech-Tekna Area, the Kingdom of Morocco

#### **OMAN (1 project)**

- Master Plan Study on Restoration, Conservation and Management of Mangrove in the Sultanate of Oman

#### **SYRIA (1 project)**

- The Study on Quality Improvement of Agricultural Products in Syrian Arab Republic

#### **TURKEY (2 projects)**

- Master Plan Study on Participatory Watershed Rehabilitation in Coruh River in the Republic of Turkey
- The Mineral Exploration in Hopa Area, Republic of Turkey

### **AFRICA**

#### **BOTSWANA (1 project)**

- The Study on the Photovoltaic Rural Electrification in the Republic of Botswana

#### **BURKINA FASO (1 project)**

- The Study on the Management of Forest Reserves in the Province of Comoe

#### **ETHIOPIA (2 projects)**

- The Study on Telecommunications Development Plan in Ethiopia

- Capacity Building Programs for Community-based Irrigation Development in Central Oromia Region of Ethiopia

#### **GAMBIA (2 projects)**

- The Study for Establishment of Geographic Database in the Gambia
- Feasibility Study on the Project for Agricultural Sector Development and Improvement of Living Conditions of Rural Populations in Upper River Division

#### **GHANA (1 project)**

- Stock Assessment of Demersal Fish Species in the Republic of Ghana

#### **GUINEA (1 project)**

- The Study on the Small-Scale Fishery Development Plan in the Republic of Guinea

#### **KENYA (2 projects)**

- Study on the Utilization of Private Sector in the Road Maintenance System in the Republic of Kenya
- The Study for the Establishment of the Spatial Data Framework for the City of Nairobi in the Republic of Kenya

#### **MALAWI (7 projects)**

- Study on National School Mapping and Micro-Planning in the Republic of Malawi
- The National Implementation Program for District Education Plans
- Malawi Health Facilities Inventory Survey
- The Capacity Building and Development for Smallholder Irrigation Schemes
- The Master Plan Study on Aquaculture Development in Malawi
- Pilot Study on Community Vitalization and Afforestation in Middle Shire in Malawi
- Master Plan Study on Rural Electrification in the Republic of Malawi

#### **MALI (2 projects)**

- The Study of Prevention for Desertification in the South Region of Segou in the Republic of Mali
- The Mineral Exploration in the Baoule-Banifing Area, Republic of Mali

#### **MAURITANIA (2 projects)**

- The Study on the Development for the Oasis Zone in the Mauritania
- The Study for the Fisheries Resources Management Plan in Mauritania

#### **MOZAMBIQUE (1 project)**

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

#### **SENEGAL (3 projects)**

- The Study on the Improvement of Environment for Early Childhood in Republic of Senegal
- The Study on Fisheries Resources Assessment and Management in the Republic of Senegal

- The Study on Sustainable Management of the Mangrove in the Petite Cote and Saloum Delta in the Republic of Senegal

#### **SOUTH AFRICA (2 projects)**

- The Master Plan Study on Tourism Development in Republic of South Africa
- Integrated Holistic Rural Development and Soil Conservation Programme in the Schoonord Area in Sekhukhune District

#### **SWAZILAND (1 project)**

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

#### **TANZANIA (8 projects)**

- School Mapping and Micro-Planning Phase 2
- Participatory Poverty Assessment on Extreme Vulnerability
- The Development Project of Socioeconomic Profiles of Districts and Municipalities
- The Support Program on Rural and Agriculture Sector Development in Tanzania
- The Study on National Irrigation Master Plan
- The Verification Study on the Small Scale Horticultural Development Project for Poverty Alleviation to Farmers in Coast Region
- 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

#### **UGANDA (1 project)**

- The Study on Improvement of Post-Harvest Processing and Marketing System

#### **ZAMBIA (1 project)**

- Preparation of Strategic Action Plan for Fisheries Sector in Zambia

### **LATIN AMERICA**

#### **ARGENTINA (3 projects)**

- Strategic Action Plan for the Sustainable Environmental Management of an Urban-Industrial Area in Complete Scale
- Study on Clusters Development in Argentina
- The Mineral Exploration in the Northwest Area, the Argentine Republic

#### **BOLIVIA (2 projects)**

- The Study on Enhancement of District Health System for Beni Prefecture in the Republic of Bolivia
- The Mineral Exploration in the Yani-Pelechuco Area, the Republic of Bolivia

#### **BRAZIL (4 projects)**

- Study on Management and Improvement of the Environmental Conditions of the Guanabara Bay in Rio de Janeiro, the Federative Republic of Brazil
- The Feasibility Study on the Improvement of Transportation System in the Metropolitan Area of Belem

- The Study on the Integrated Development Master Plan for Agriculture and Livestock in the Northern Region of the State of Tocantins, the Federative Republic of Brazil
- The Mineral Exploration in the Parana Basin Area, the Federative Republic of Brazil

#### **CHILE (1 project)**

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

#### **COLOMBIA (1 project)**

- 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

#### **CUBA (2 projects)**

- Development Study on the Improvement of the Sewerage and Drainage System for the Havana Bay in the Republic of Cuba
- Study on Sustainable Technical Development for Rice Cultivation in the Central Area in the Republic of Cuba

#### **DOMINICAN REPUBLIC (2 projects)**

- The Master Plan Study on Watershed Management in the Upper Area of the Sabana Yegua Dam
- The Study on the Integrated Rural Development of Former Sugarcane Plantation Area and the Pilot Project of La Luisa, Monte Plata Province in the Dominican Republic

#### **EQUADOR (1 project)**

- The Study on Development for Reactivation of Productivity and Poverty Reduction in the Central-Southern Region (Azuay and Canar) of the Republic of Ecuador

#### **EL SALVADOR (5 projects)**

- Technical Evaluation and Appraisal for Detailed Design on Port Reactivation Plan of La Union Province in El Salvador
- The Study on Economic Development, Focusing on Eastern Region in the Republic of El Salvador
- The Masterplan Study on Artisanal Fishery Development in the Republic of El Salvador
- The Actualization of Basic Cartography for an Agricultural Census in the Eastern Region
- Feasibility Study on the Hydroelectric Complex Over Torora River in El Salvador

#### **GUATEMALA (4 projects)**

- The Study of National Tourism Development for the Republic of Guatemala

- The Study for Establishment of Base Maps and Hazard Maps for GIS in the Republic of Guatemala
- The Study of the Improvement/Construction of the International Airport in the Republic of Guatemala
- Master Plan Study on Sustainable Rural Development for the Reduction of Poverty in the Central Highland Region of the Republic of Guatemala

#### **HONDURAS (2 projects)**

- The Study on Flood Control and Landslide Prevention in the Metropolitan Area of the Republic of Honduras
- The Mineral Exploration in the Southwest and Central Area, the Republic of Honduras

#### **MEXICO (2 projects)**

- Development Study of Environmental Management in the Caribbean Coast of Quintana Roo
- The Mineral Exploration in the Zacualpan Area, United Mexican States

#### **NICARAGUA (2 projects)**

- The Study on Vulnerability Reduction for Major Roads in the Republic of Nicaragua
- The Master Plan Study on Forest Management for Disaster Prevention in the Northern Pacific Region in the Republic of Nicaragua

#### **PANAMA (3 projects)**

- The Study on Solid Waste Management Plan for Municipality of Panama in the Republic of Panama
- The Study on the Comprehensive Ports Development Plan
- Study on Formulation of an Employment-Program for Poverty Young People in the Metropolitan Area

#### **PARAGUAY (1 project)**

- Investigation of Distribution of Fruits and Vegetable in the Domestic Market

#### **URUGUAY (2 projects)**

- The Study on Capacity Development for Water Quality Management in Montevideo City and Metropolitan Area
- The Mineral Exploration in the San Jose and Aroyo Grande Area, the Oriental Republic of Uruguay

#### **VENEZUELA (1 project)**

- The Study on Disaster Prevention Basic Plan in the Caracas Metropolitan Major District

## **OCEANIA**

#### **FIJI (2 projects)**

- The Mineral Exploration in Selected Offshore Areas of SOPAC Region, Republic of the Marshall Islands
- The Mineral Exploration in the Viti Levu South Area, the Republic of the Fiji Islands

#### **PAPUA NEW GUINEA (1 project)**

- Development Study on the Promotion of Smallholders Rice Production

#### **SOLOMON ISLANDS (1 project)**

- The Study on Community-Based Reforestation on Tribal Lands in New Georgia Group in Solomon Islands

## **EUROPE**

#### **BOSNIA AND HERZEGOVINA (1 project)**

- The Study on Establishing Digital Topographic Maps for Bosnia and Herzegovina

#### **LITHUANIA (1 project)**

- The Study for the Port Development Project in Lithuania

#### **MOLDOVA (1 project)**

- The Study on Water Supply System in the Northern Region in the Republic of Moldova

#### **POLAND (1 project)**

- Feasibility Study on Polish State Railways S.A. (PKPS.A.) Privatization in Poland

#### **ROMANIA (1 project)**

- Master Plan on Hazardous Waste Management in Romania

#### **SLOVAKIA (1 project)**

- The Study on Sustainable Development of Agriculture in Zahorska Lowland and Protection of Natural Resources

(Total: 249 projects)

#### **Notes:**

1. The list represents development studies implemented during fiscal 2002 for preparatory studies, main studies and explanation of reports.
2. Projects at the preliminary stage and those that were completed in the preceding fiscal year are excluded from the list.

## Technical Cooperation Projects (Formerly Project-type Technical Cooperation)

### ASIA

#### BANGLADESH (3 projects)

- Project of Human Resources Development in Reproductive Health in Bangladesh
- \* The Project to Set up Rural Development Engineering Center in Bangladesh
- The Poultry Management Techniques Improvement Project in the People's Republic of Bangladesh

#### CAMBODIA (6 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 Technical Service Center for Irrigation System in Cambodia
- Improvement of the Survey and Forecast System on Meteorology and Agro-Meteorology
- The Capacity Building for the Forestry Sector in the Kingdom of Cambodia

#### CHINA (16 projects)

- The Project for the Beijing Municipal Education and Training Center for Fire Fighting and Prevention
- Human Resource Development Project for Water Resources, P.R.C
- Water Environment Restoration Pilot Project in Taihu Lake
- \* The Sino-Japan Friendship Center for Environmental Protection Project Phase 3
- 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
- Human Resource Development of Rehabilitation Professionals
- Enhancement of Agricultural Extension System Project
- Research and Development Project on Sustainable Agricultural Technology
- The Model Planning Project for Water-Saving Measures on Large-Scale Irrigation Scheme
- The Dairy Farming and Industry Development Project in Heilongjiang Province
- The Model Afforestation Project in Sichuan
- Research Project on Timber from Man-Made Forests in China
- The Japan-China Cooperation Science and Technology Center for Forest Tree Improvement Project
- \* Improvement of Environment Protection Technology for Metallurgical Combustion

#### INDIA (2 projects)

- The Project for Prevention of Emerging Diarrheal Diseases in India
- The Project for Strengthening Extension System for Bivoltine Sericulture in India

#### INDONESIA (21 projects)

- Higher Education Development Support Project in Indonesia/HEDS
- 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
- Integrated Sediment-Related Disaster Management Project for Volcanic Areas
- Regional Development Policies for Local Government
- \* The Project on Enhancement of Civilian Police Activities
- \* Human Resource Development for Local Governance in the Republic of Indonesia
- \* The Project for Strengthening Decentralized Environmental Management System in Indonesia
- Technical Cooperation Project for Ensuring the Quality of MCH Services through MCH Handbook
- Development of High Quality Seed Potato Multiplication System Project
- Quality Soybean Seed Multiplication and Training Project (F/U)
- The Forest Tree Improvement Project Phase 2 in the Republic of Indonesia
- Biodiversity Conservation Project 2
- The Mangrove Information Center Project
- The Forest Fire Prevention Management Project in Republic of Indonesia 2
- Development Project on Carbon Fixing Forest Management
- Freshwater Aquaculture Development Project in Indonesia
- Project on Supporting Industries Development for Casting Technology in Indonesia
- Coal Mining Enhancement Project at Ormbilin Mines Training College in the Republic of Indonesia
- \* Establishment and Capacity Building of Regional Export Training and Promotion Centers

#### LAOS (7 projects)

- Development of the Faculty of Economics and Management of National University of Laos and the Lao-Japan Human Resource Cooperation Center
- The Project for the Improvement of Sethathirath Hospital
- \* The Project for Strengthening Health Services for Children
- 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 (7 projects)

- Japan-Malaysia Technical Institute: JMTI
- The Project for the Capacity Building of National Institute of Occupational Safety and Health in the Field of Occupational Safety and Health
- Project on Networked Multimedia Education System
- The Project for Strengthening of Food Safety Programme in Malaysia
- 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 (FAU)
- Technical Cooperation Programme for Bornean Biodiversity and Ecosystems Conservation in Sabah, Malaysia
- The Project for the Aquatic Resource and Environmental Studies of the Straits of Malacca in UPM

#### 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 (4 projects)

- Leprosy Control and Basic Health Service Project
- Seed Bank Project in the Union of Myanmar
- Irrigation Technology Centre Project Phase 2
- Community Forestry Training and Extension Project in Dry Zone in the Union of Myanmar

#### NEPAL (4 projects)

- Disaster Mitigation Support Programme Project
- Community Tuberculosis and Lung Health Project
- Mini-Project-Type Technical Cooperation for Sericulture Promotion (Sericulture Promotion Project)
- Community Development and Forest/Watershed Conservation Project Phase 2 in Nepal

#### PAKISTAN (1 project)

- \* Balancing and Modernization of Workshop Facilities at PITAC Phase 2, Lahore

#### PHILIPPINES (17 projects)

- The Project for Upgrading Human Resource 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
- \* Philippine Coast Guard Human Resource Development

- \* Project for Strengthening of Continuing School Based Training Program for Elementary and Secondary Science and Mathematics Teachers (SBTP-ELSSMAT)
- Tuberculosis Control Project in the Philippines
- \* Quality Tuberculosis Control Programme
- \* HIV/STI Support Network
- Bohol Integrated Agriculture Promotion Project
- 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
- Capacity Building Project for Environmental Management in Mining
- The Project on Electrical and Electronics Appliances Testing in the Republic of the Philippines
- Modernization of Industrial Property Administration

#### **SRI LANKA (3 projects)**

- Dental Education Project at University of Peradeniya in Sri Lanka
- Foundry Technology Development Project
- \* Project for Human Resource Development in Information Technology through Capacity Building of University of Colombo School of Computing

#### **THAILAND (19 projects)**

- 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
- \* Regional Cooperation Project on Capacity Building of Drug Analysis for Improvement of Drug Law Enforcement in Thailand, Cambodia, Lao P.D.R., Myanmar and Viet Nam
- \* AUN/Southeast Asia Engineering Education Network (AUN/SEED-NET)
- \* Asia-Pacific Development Center on Disability
- 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 Water Management System Project in Thailand
- Pasture Seed Production Development Project in North-East Thailand

- The Project of the Japan-Thailand Technical Cooperation on Animal Disease Control in Thailand and Neighboring Countries
- The Reforestation and Extension Project in the Northeast of Thailand 2
- SIC-Tool and Mold Technology Development Project in the Kingdom of Thailand
- The Project on the Industrial Water Technology Institute Phase 2
- The Project of Capacity Building on the Development of Information Technology for Education (ITEd)
- \* Project for Technical Strengthening of National Institute of Metrology (Thailand) Phase 1
- \* The Project on the Practical Energy Management Training Center in the Kingdom of Thailand

#### **VIET NAM (15 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 Capability for Technical Workers in the Hanoi Industrial College
- Water Sector Training Center Project in the Southern Areas of 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
- Project on the Improvement of Higher Maritime Education in Viet Nam
- 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
- The Project for Improvement of Cattle Artificial Insemination Technology in Viet Nam
- Strengthening of National Institute of Veterinary Research
- \* Project for Strengthening the Food Industries Research Institute
- Afforestation Technology Development Project on Acid Sulphate Soil in the Mekong Delta (F/U)
- Coal Mine Firedamp Gas Management Center
- Modernization of Industrial Property Administration Project
- Program on the Instructor Training for Electric Power Sector in Viet Nam

### **MIDDLE EAST**

#### **EGYPT (5 projects)**

- The Environmental Monitoring Training Project
- The Water Supply Technology Training Improvement 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
- \* Project for Foreign Trade Training Center

#### **IRAN (3 projects)**

- \* Project on the Improvement of Audio-Visual Aids and Instruction Methods in Vocational Training at the Instructor Training Center (ITC)
- The Project of Haraz Agricultural Human Resources Development Center
- \* Project on the Energy Management Promotion in Iran

#### **JORDAN (3 projects)**

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

#### **MOROCCO (2 projects)**

- The Training Center Project for Agricultural Mechanization
- Establishment of Extension System for Artisan Fisheries in Morocco

#### **SAUDI ARABIA (1 project)**

- Saudi-Japanese Automobile High Institute Project

#### **SYLIA (1 project)**

- \* The Establishment of the Water Resources Information Center

#### **TUNISIA (2 projects)**

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

#### **TURKEY (7 projects)**

- Project on Improvement of Maritime Education
- Establishment of Industrial Automation Technologies Departments in Anatolian Technical High Schools
- The Infectious Diseases Control Project in the Republic of Turkey
- The Project for the Fish-Culture Development in Turkey
- \* The Project for the Fish-Culture Development in Turkey (F/U)
- Project on Energy Conservation in the Republic of Turkey
- \* Geologic Remote Sensing Project

#### **YEMEN (1 project)**

- The Tuberculosis Control Project Phase 3

### **AFRICA**

#### **CÔTE D'IVOIRE (2 projects)**

- The Farming System Improvement Project for Small-Scale Irrigated Agriculture
- \* The Farming Systems Improvement Project for Irrigated Rice Cultivation Phase 2

#### **ETHIOPIA (3 projects)**

- The Groundwater Development and Water Supply Training Project

- \* Project for Capacity Building of Atemgena Training and Testing Center of ERA
- Laboratory Support for Polio Eradication: Last Polio 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 (8 projects)**

- Strengthening of Mathematics and Science in Secondary Education (SMASSE)
- African Institute for Capacity Development (AICAD)
- \* African Institute for Capacity Development (AICAD) Phase 2
- Kenya Medical Training College Project
- Research and Control of Infectious and Parasitic Diseases Project
- International Parasite Control Project
- The Research and Control of Infectious Diseases Project in Kenya Phase 2
- 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 (1 project)**

- The Project on Aquaculture and Technical Development of Malawian Indigenous Species

#### **MAURITIUS (1 project)**

- Coastal Fisheries Resources and Environment Conservation Project (F/U)

#### **SENEGAL (4 projects)**

- High-Level Technician (BTS) Training Project at the Senegal-Japan Vocational Training Center
- \* Project of Safe Water and Support of Community's Activities
- Project for the Development of Human Resources in Health
- The Integrated Community Forestry Development Project in Senegal

#### **TANZANIA (3 projects)**

- Sokoine University of Agriculture Centre for Sustainable Rural Development: SCSR
- Strengthening District Health Services in Morogoro Region
- Kilimanjaro Agricultural Training Centre Phase 2 Project in Tanzania

#### **UGANDA (1 project)**

- Nakawa Vocational Training Institute Project in Uganda/NVTI (F/U)

#### **ZAMBIA (3 projects)**

- The Strengthening of Laboratory Systems for HIV/AIDS and TB Control Project
- \* Lusaka District Primary Health Care Project in Zambia Phase 2
- \* Project for Participatory Village Development in Isolated Areas in Zambia

### **LATIN AMERICA**

#### **ARGENTINA (6 projects)**

- Comprehensive Horticultural Experiment Station in Argentina (JICA-CETEFFHO)
- The Horticulture Development Project in the Argentine Republic
- \* The Project of Research and Development of Pejerrey Aquaculture and Propagation
- The Mine Pollution Control Research Center in the Argentine Republic
- Regional Geologic Mapping with Advanced Satellite Sensors
- Project on Establishment of Control Capacity for Industrial Wastewater and Waste in the Argentine Republic

#### **BARBADOS (1 project)**

- \* Caribbean Disaster Management

#### **BOLIVIA (6 projects)**

- The Project for Strengthening Regional Health Network for Santa Cruz Department
- Comprehensive Agricultural Experiment Station in Bolivia (CETABOL-JICA)
- 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
- The Afforestation and Erosion Control Project in the Valley of Tarija in Bolivia
- \* The Mining Environment Research Center Project in the Republic of Bolivia

#### **BRAZIL (5 projects)**

- The Urban Transport Human Resources Development Project
- The Technological Development Project for Sustainable Agriculture in Eastern Amazonia, Brazil
- \* Strengthening the Agricultural Technical Support System to Small-Scale Farmers in Tocantins State
- Brazilian Amazon Forest Research Project Phase 2 (F/U)
- \* The Cerrado Ecological Corridor Conservation Project

#### **CHILE (6 projects)**

- The National Center for Environment in the Republic of Chile: GENMA
- 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 (F/U)
- \* Project for Strengthening Institutional Capacity of Mining Environmental Management

#### **COLOMBIA (1 project)**

- Improvement of Mineral Processing Technology Concerning Medium and Small Scale Mines

#### **COSTA RICA (2 projects)**

- \* Project on Sustainable Fisheries Management for the Gulf of Nicoya in the Republic of Costa Rica
- Project on Productivity Improvement for Enterprises in the Republic of Costa Rica

#### **DOMINICAN REPUBLIC (3 projects)**

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

#### **ECUADOR (1 project)**

- \* Project on Improvement of Vocational Training in Ecuador

#### **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 the 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 (5 projects)**

- The National Center for Environmental Research and Training Phase 2 in Mexico
- Reproductive Health—Prevention of Uterine Cervical Cancer
- The Agricultural Machinery Test and Evaluation Project in Mexico
- The Project for the Improvement of Regional Veterinary Diagnostic Services in the Jalisco State
- \* Coastal Wetland Conservation in Yucatan Peninsula

#### NICARAGUA (1 project)

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

#### PANAMA (2 projects)

- The Cattle Productivity Improvement Project in the Republic of Panama
- Panama Canal Watershed Conservation Project in the Republic of Panama

#### PARAGUAY (6 projects)

- Japan-Paraguay Skill Development Promotion Center
- Strengthening Continuing Education in Nursing and Midwifery in the South of the Republic of Paraguay
- Comprehensive Agricultural Experiment Station in Paraguay (CETAPAR)
- The Research Project on Soybean Production in Paraguay
- Improve of the Small-Medium Dairy Farm Management Project
- Project on Upgrading Verification and Inspection Technology in the Area of Mass

#### TRINIDAD AND TOBAGO (1 project)

- The Project for Promotion of Sustainable Marine Fisheries Resource Utilization in the Republic of Trinidad and Tobago

#### URUGUAY (1 project)

- Forest Products Testing Project in Uruguay

### OCEANIA

#### FIJI (1 project)

- \* Information and Communication Technologies (ICTs) Capacity Building at the University of the South Pacific

#### 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 (1 project)

- The Fermented Dairy Products Development Project in the Republic of Bulgaria

#### POLAND (1 project)

- Poland-Japanese Institute of Information Techniques (F/U)

#### ROMANIA (1 project)

- \* The Project on the Reduction of Seismic Risk for Buildings and Structures

(Total 242 projects)

#### Notes:

1. This list represents projects implemented based on R/D during fiscal 2002. Aftercare projects are excluded from this list.
2. Figures 2 and 3 refer to phase 2 and phase 3 (2nd and 3rd term cooperation) respectively. F/U is used to refer to follow-up cooperation.
3. \* new project in fiscal 2002
4. Development Project on Carbon Fixing Forest Management in Indonesia was transferred from Development Study.

## Technical Cooperation Projects (Dispatch of Expert Teams)

### ASIA

#### BANGLADESH (1 project)

- Participatory Rural Development Project

#### CAMBODIA (1 project)

- The Japanese Cooperation to Support the Formulation of Key Government Policies on the Judicial System in the Republic of Cambodia

#### CHINA (2 projects)

- Research on Performance Assessment and Product Certification for Residential Building
- The Joint Study Project on Early Detection and Diagnosis of Prostatic Cancers in Jilin Province

#### INDONESIA (1 project)

- The Joint Study Project on the Center for Japanese Studies of the University of Indonesia

#### KAZAKHSTAN (3 projects)

- Kazakhstan-Japan Center for Human Development
- Mini-Project Type Technical Cooperation for Continuation and Improvement of the Seismological Monitoring System for Earthquake Preparedness and Risk Assessment in the Region of Almaty City
- Technical Cooperation for the Improvement of Health Care Services in the Semipalatinsk Region in the Republic of Kazakhstan

#### MALAYSIA (2 projects)

- Collaborative Study Project on the Epidemiology, Pathogenesis and Molecular Characterization of NIPAH Virus in Animals in Malaysia
- Capacity Building on Product Test on IEC335 & IEC598 in Malaysia

#### MONGOLIA (1 project)

- Mongolia-Japan Center for Human Development

#### MYANMAR (1 project)

- \* The Joint Research Project on Traditional Medicine

#### PHILIPPINES (4 projects)

- Technology Development for Electronic Navigational Charts (ENC)
- Promotion of the Ship Inspection System and Technique
- Expert Team Dispatch to Enhance the Capability to Monitor the Toxic Red Tide Phenomenon
- The Project for the Preparation and Publication of the Philippine Pharmacopeia

#### UZBEKISTAN (1 project)

- Uzbekistan-Japan Center for Human Development

#### VIET NAM (2 projects)

- Viet Nam-Japan Human Resources Cooperation Center
- The Japanese Cooperation to Support the Formulation of Key Government Policies on Legal System Phase 2

### MIDDLE EAST

#### SYRIA (1 project)

- Improvement in the Quality Inspection for Veterinary Vaccine

### AFRICA

#### KENYA (1 project)

- Promotion of Sustainable Community Based Small-Holder Irrigation

#### SOUTH AFRICA (1 project)

- Mpumalanga Secondary Science Initiative

### LATIN AMERICA

#### ARGENTINA (1 project)

- The Joint Study on Biological Control of Soil-Borne Plant Disease

#### GUATEMALA (1 project)

- \* Technical Cooperation Project on Chagas Disease Vector Control

#### MEXICO (1 project)

- Technical Cooperation Project for the Reinforcement of the Mexican Institute for International Cooperation for the Development of South-South Cooperation in the United Mexican States

#### PARAGUAY (1 project)

- Leader Training for the Small and Medium-Sized Companies

## OCEANIA

### VANUATU (1 project)

- Rural Electrification Project

## EUROPE

### BULGARIA (1 project)

- The Japanese Cooperation to Support the Formulation of Key Government Policies on Industry in the Republic of Bulgaria

### HUNGARY (1 project)

- Environmental Engineering Course at Dunaujvaros Polytechnic

(Total 29 projects)

#### Notes:

1. This list represents projects involving dispatch of expert teams in fiscal 2002.
2. \* new project in fiscal 2002

## Development Cooperation Studies

## ASIA

### CHINA (1 project)

- Pilot Project of Horticulture Development in Hebei Province in the People's Republic of China

### INDONESIA (2 projects)

- Financial Cooperation of Asahan Aluminum Projects in the Republic of Indonesia
- Experimental Project on Iodine Development in Indonesia

### MALAYSIA (4 projects)

- Small-Scaled Forest Plantation Using Fast-Growing Tree Species Project in Malaysia

- Pilot Project of Acacia Hybrid Plantation in Malaysia
- Experimental Project on Ceramic Materials in Malaysia
- Experimental Project on for Sericite Development

### MYANMAR (1 project)

- Pilot Project of Mangrove Afforestation in Myanmar

### PHILIPPINES (1 project)

- Pilot Project of Sugarcane Cultivation in the Philippines

## LATIN AMERICA

### BRAZIL (1 project)

- Japan-Brazil Agricultural Development Cooperation Programs in the CERRADO

### PERU (1 project)

- Financial Cooperation of Huanzala-Mine Project in Peru

(Total 11 projects)

#### Note:

This list represents projects implemented during fiscal 2002 for Development Cooperation Studies or Development Cooperation technical support.

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

## ASIA

### CHINA (1 project)

- Earthquake, 27 February, 2003, Provision of Emergency Relief Supplies

### REPUBLIC OF KOREA (1 project)

- Flood, 30 August, 2002, Provision of Emergency Relief Supplies

### MYANMAR (1 project)

- Flood, 18 September, 2002, Provision of Emergency Relief Supplies

### NEPAL (1 project)

- Flood, 29 July, 2002, Provision of Emergency Relief Supplies

### TAJIKISTAN (1 project)

- Earth and Sand Flow, 16 August, 2002, Provision of Emergency Relief Supplies

### VIET NAM (2 projects)

- SARS, 18 March, 2003, Expert Team Dispatch
- SARS, 24 March, 2003, Expert Team Dispatch

## MIDDLE EAST

### IRAN (1 project)

- Earthquake, 25 June, 2002, Provision of Emergency Relief Supplies

### MOROCCO (1 project)

- Flood, 11 December, 2002, Provision of Emergency Relief Supplies

## AFRICA

### MADAGASCAR (1 project)

- Flood, 6 February, 2003, Provision of Emergency Relief Supplies

### MARAWI (1 project)

- Flood, 28 January, 2003, Provision of Emergency Relief Supplies

### NIGERIA (1 project)

- Meningitis, 20 March, 2003, Provision of Emergency Relief Supplies

### RUWANDA (1 project)

- Meningitis, 7 October, 2002, Provision of Emergency Relief Supplies

## LATIN AMERICA

### ECUADOR (1 project)

- Volcanic Eruption, 15 November, 2002, Provision of Emergency Relief Supplies

### MEXICO (1 project)

- Earthquake, 24 January, 2003, Provision of Emergency Relief Supplies

### PERU (2 projects)

- Cold Wave, 18 July, 2002, Provision of Emergency Relief Supplies
- Flood, 31 January, 2003, Provision of Emergency Relief Supplies

## OCEANIA

### GUAM (1 project)

- Hurricane, 13 December, 2002, Provision of Emergency Relief Supplies

### MICRONESIA (1 project)

- Hurricane, 9 July, 2002, Provision of Emergency Relief Supplies

### PAPUA NEW GUINIA (3 projects)

- Volcanic Eruption, 19 August, 2002, Provision of Emergency Relief Supplies

- Volcanic Eruption, 21 August, 2002, Expert Team Dispatch
- Earthquake, 21 September, 2002, Provision of Emergency Relief Supplies

#### SOLOMON ISLANDS (1 project)

- Cyclon, 7 January, 2003, Provision of Emergency Relief Supplies

### EUROPE

#### ALBANIA (1 project)

- Flood, 30 September, 2002, Provision of Emergency Relief Supplies

#### CZECH REPUBLIC (1 project)

- Flood, 20 August, 2002, Provision of Emergency Relief Supplies

(Total 25 projects)

#### Note:

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

## JICA Partnership Program and JICA Grassroots Partnership Program

### JICA PARTNERSHIP PROGRAM

#### Ongoing (4 projects)

##### BANGLADESH

- Mobile Arsenic Centre Project for Mitigation of the Arsenic Contamination of Drinking Water in Bangladesh
- Participatory Rural Development Project through Empowerment of the Poor
- Community-Operated Reproductive Health Project

##### PAPUA NEW GUINIA

- Distance Education by Utilizing Live Record of Classroom

#### Provisionally Adopted (1 project)

##### LAOS

- Reading Promotion Project (RPP) in Lao PDR

### JICA GRASSROOTS PARTNERSHIP PROGRAM

#### Ongoing (7 projects)

##### CAMBODIA

- Project for Training Village Animal Health Workers and Village Livestock Volunteers in Svay Rieng Province
- Girl's Education Project (Samaki Komar)
- Veteran (and their family) Support Project in Takeo and Kampong Speu

##### LAOS

- Hookworm Control Project

##### VIET NAM

- Supporting the Treatment and Rehabilitation of the Patients of Head/Neck Cancer and Vocal Dysfunctions in Socialist Republic of Viet Nam

##### MONGOLIA

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

##### TANZANIA

- HIV/AIDS Project—Capacity Building for HIV/AIDS Control in Ngerengere Division

#### Adopted (3 projects)

##### VIET NAM

- Project for Developing Training Program for Teachers in Special Education in Viet Nam
- The Cooperative Study for the Water Quality Management System of Ha Long Bay
- Project of Viet Nam Braille Library

#### End (9 projects)

##### 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
- Foundation of a Job Training Center for Disabled Persons

##### VIET NAM

- Assistance for Solid Waste Management Improvement in Haiphong City

##### KENYA

- Promotion and Managerial Guidance of Traditional Handicraft Producing Group

##### ZAMBIA

- Establishment of a Basic Radiology Unit at Chainama College Teaching Clinic

- Project for Improving the Nutrition of Mothers and Children

##### BOLIVIA

- Improvement of the Standard of Life of Populations, Women and Children in Potosi

##### HONDURAS

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

(Total 24 projects)

#### Note:

Eleven projects have been implemented, nine projects have ended, three projects have been adopted (meaning that international agreements have been concluded) and one project has been provisionally adopted (preparation is ongoing to conclude international agreements).