

Statistics on Program Results

Interpreting the Statistics

The following shows statistics relating to JICA's operations in FY2017.

The methods of calculation and the range of figures are as follows.

1. When categorized according to region, figures for bilateral cooperation are classified into the following six regions.
 - (1) Asia (including Central Asia and the Caucasus, excluding the Middle East);
 - (2) Pacific;
 - (3) North America and Latin America;
 - (4) Middle East (west of Iran and north of Sahara except Sudan);
 - (5) Africa (excluding the Middle East);
 - (6) Europe (including Turkey)
2. Technical Cooperation program results by number of participants are classified into the following five types.
 - (1) Acceptance of training participants;
 - (2) Dispatch of experts;
 - (3) Dispatch of study teams;
 - (4) Dispatch of Japan Overseas Cooperation Volunteers (JOCVs);
 - (5) Dispatch of other volunteers
3. All other data in connection with JICA's operations and performance together with revisions and updates of achievements and results not appearing in this report shall be posted on JICA's website in a timely and appropriate manner.

Breakdown of Countries and Regions

Asia	Southeast Asia	Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste, Viet Nam
	East Asia	China, Hong Kong, Macao, Mongolia, Republic of Korea
	South Asia	Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka
	Central Asia and the Caucasus	Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan
Pacific	Pacific	Australia, Cook Islands, Fiji, Guam, Kiribati, Marshall Islands, Micronesia, Nauru, New Caledonia, New Zealand, Niue, North Mariana Islands, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu
North America and Latin America	Central America and the Caribbean	Antigua and Barbuda, Bahamas, Barbados, Belize, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Montserrat, Netherlands Antilles Curacao, Nicaragua, Panama, Puerto Rico, Saint Christopher and Nevis, Saint Lucia, St. Vincent and the Grenadines, Suriname, Trinidad and Tobago
	South America	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela
	North America	Canada, United States of America
Middle East	Middle East	Algeria, Bahrain, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Syria, Tunisia, United Arab Emirates, Yemen
Africa	Africa	Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Eswatini (former Swaziland), Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe
Europe	Europe	Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kosovo, Latvia, Lithuania, Luxembourg, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Former Yugoslav Republic of Macedonia, Turkey, Ukraine, United Kingdom
Others	International Organizations, etc.	
	Worldwide	Multiregional Cooperation

Note: On a geographic regional classification basis and with regard to ODA Loan data prior to FY2007, Algeria, Egypt, Libya, Morocco and Tunisia have been included in figures for Africa (North of Sahara), while Turkey has been included in figures for the Middle East.

With respect to Technical Cooperation and Grants data prior to FY2007, Afghanistan, Sudan and Turkey have been classified under the Middle East.

Country names appearing by region appear in alphabetical order.

1 Japan's ODA by Type 2017 (Provisional Figure)

Type	ODA Disbursements (2017 Calendar Year)	Dollar Base (US\$ 1 million)			Yen Base (¥ 1 billion)			Percent of Total ODA Total (Net Disbursement Basis)
		Current Year	Previous Year	Change from the Previous Year (%)	Current Year	Previous Year	Change from the Previous Year (%)	
ODA	Grants	2,621.64	2,812.31	-6.8	294.103	305.987	-3.9	22.9
	Debt Relief	19.10	15.32	24.7	2.143	1.667	28.6	0.2
	Grants Provided through International Organizations	1,347.45	1,600.30	-15.8	151.161	174.117	-13.2	11.8
	Grants Excluding the Above	1,255.09	1,196.70	4.9	140.800	130.204	8.1	11.0
	Grants (Excluding Disbursements for Graduate Countries)	2,617.58	2,806.95	-6.7	293.648	305.404	-3.8	22.8
	Debt Relief	19.10	15.32	24.7	2.143	1.667	28.6	0.2
	Grants Provided through International Organizations	1,346.46	1,598.82	-15.8	151.050	173.956	-13.2	11.7
	Grants Excluding the Above	1,252.02	1,192.81	5.0	140.455	129.781	8.2	10.9
	Technical Cooperation*	2,884.18	2,777.57	3.8	323.556	302.207	7.1	25.2
	Technical Cooperation (Excluding Disbursements for Graduate Countries)*	2,882.81	2,775.70	3.9	323.402	302.004	7.1	25.1
	Total Grants	5,505.81	5,589.88	-1.5	617.659	608.194	1.6	48.2
	Total Grants (Excluding Disbursements for Graduate Countries)	5,500.39	5,582.66	-1.5	617.050	607.408	1.6	47.9
	Loan Aid	2,530.76	1,422.13	78.0	283.908	154.731	83.5	22.1
	(Loan Aid, Excluding Debt Relief)	2,530.76	1,422.13	78.0	283.908	154.731	83.5	
	(Amount Disbursed)	9,578.89	7,860.87	21.9	1,074.590	855.283	25.6	
	(Amount Recovered)	7,048.14	6,438.74	9.5	790.682	700.552	12.9	
	(Amount Recovered Excluding Debt Relief)	7,048.14	6,438.74	9.5	790.682	700.552	12.9	
	Loan Aid (Excluding Disbursements for Graduate Countries)	2,580.35	1,465.81	76.0	289.471	159.484	81.5	22.5
	(Loan Aid, Excluding Debt Relief)	2,580.35	1,465.81	76.0	289.471	159.484	81.5	
	(Amount Disbursed)	9,578.89	7,856.80	21.9	1,074.590	854.841	25.7	
	(Amount Recovered)	6,998.55	6,390.99	9.5	785.119	695.356	12.9	
	(Amount Recovered Excluding Debt Relief)	6,998.55	6,390.99	9.5	785.119	695.356	12.9	
	Total Bilateral ODA (Gross Disbursement Basis)	15,084.71	13,450.75	12.1	1,692.249	1,463.478	15.6	
Total Bilateral ODA (Gross Disbursement Basis, Excluding Disbursements for Graduate Countries)	15,079.28	13,439.45	12.2	1,691.640	1,462.249	15.7		
Total Bilateral ODA (Net Disbursement Basis)	8,036.57	7,012.01	14.6	901.567	762.926	18.2	70.3	
Total Bilateral ODA (Net Disbursement Basis, Excluding Disbursements for Graduate Countries)	8,080.73	7,048.47	14.6	906.522	766.892	18.2	70.4	
Grants	2,829.54	2,784.71	1.6	317.427	302.984	4.8	24.7	
Loan Aid (Amount Disbursed)	565.03	583.63	-3.2	63.386	63.500	-0.2	4.9	
Contributions and Subscriptions to International Organizations (Net Disbursement Basis)	3,394.57	3,368.34	0.8	380.813	366.484	3.9	29.6	
Total ODA (Gross Disbursement)	18,479.27	16,819.09	9.9	2,073.062	1,829.962	13.3		
Total ODA (Gross Disbursement, Excluding Disbursements for Graduate Countries)	18,473.85	16,807.79	9.9	2,072.453	1,828.733	13.3		
Total ODA (Net Disbursement)	11,431.14	10,380.35	10.1	1,282.380	1,129.410	13.5	100.0	
Total ODA (Net Disbursement, Excluding Disbursements for Graduate Countries)	11,475.30	10,416.80	10.2	1,287.335	1,133.376	13.6	100.0	
Preliminary Estimate of Nominal Gross National Income (GNI) (US\$ billion, ¥ billion)	5,038.44	5,114.54	-1.5	565,227.80	556,475.60	1.6		
% of GNI	0.23	0.20		0.23	0.20			
% of GNI (Excluding Disbursements for Graduate Countries)	0.23	0.20		0.23	0.20			

(Notes) 1. The following 12 countries/regions are graduate countries other than OECD member states that have received ODA: Bahamas, Barbados, Brunei Darussalam, [French Polynesia], [Hong Kong], [New Caledonia], Oman, Saint Christopher and Nevis, Saudi Arabia, Singapore, Trinidad and Tobago, and the United Arab Emirates.

2. 2017 DAC designated exchange rate: US\$1.00 = ¥112.1831 (a depreciation of ¥3.3804 compared with 2016)

3. Individual totals may not be equal to the sums of the individual parts because some numbers have been rounded off.

4. Debt relief includes waiver of ODA Loans and debt reductions of collateralized commercial obligations and sale receivables of rice, but excludes deferring of repayments.

5. In the past, grants through international organizations were treated as "contributions and subscriptions to international organizations." However, from 2006, donations for recipient countries identified at the time of contribution are treated as "Grants" for these countries.

6. Starting with 2011 results, NGO project grants have been included in grants for individual countries.

* Technical Cooperation includes administrative and development education expenses.

2 Overview of MOFA's ODA Budget

(Unit: ¥ billion)

	FY2017		FY2018	
	Budget	Percentage increase	Budget	Percentage increase
Entire government	552.7	0.1%	553.8	0.2%
Within the Ministry	434.3	0.0%	434.4	0.0%
Grants	163.1	0.1%	160.5	-1.6%
Management Grants (General Account)	150.5	0.8%	150.5	0.0%
Contributions and donations	51.7	2.5%	51.8	0.1%
Aid for assistance activities	69.1	-3.5%	71.8	3.8%

3 Outline of JICA Operations

Content of Cooperation	FY2017	FY2016 (reference)
1. Developing Countries/Regions Targeted for Assistance*	146 countries/regions	154 countries/regions
2. Japan's total ODA (Calendar year, gross disbursement, including aid for graduate countries)	¥2,073.1 billion	¥1,830.0 billion
3. JICA's Technical Cooperation Expenses **	¥192.3 billion	¥207.7 billion
4. JICA's Finance and Investment Cooperation Projects (New Commitments) ***	¥1,888.4 billion	¥1,485.8 billion
5. JICA's Grant Projects (New G/A concluded) ****	¥115.1 billion	¥98.0 billion
6. Training Participants (New)	17,138 (persons)	17,613 (persons)
7. Experts Dispatched (New)	11,098 (persons)	10,284 (persons)
8. Members of Study Teams Dispatched (New)	10,228 (persons)	9,955 (persons)
9. JOCVs Dispatched (New)	1,171 (persons)	1,132 (persons)
10. Other Volunteers Dispatched (New)	297 (persons)	343 (persons)
11. No. of Technical Cooperation Projects (Ongoing)	526 (89 countries/regions)	549 (88 countries/regions)
12. No. of Science and Technology Research Partnership for Sustainable Development (SATREPS) (Ongoing)	67 (36 countries)	77 (38 countries)
13. No. of Finance and Investment Cooperation Projects (New Commitments) ***	59 (21 countries and 4 organizations)	57 (25 countries)
14. No. of Grant Projects (New G/A concluded)	157 (56 countries/regions)	140 (53 countries/regions)
15. No. of JICA Partnership Program (JPP) Projects (New/Ongoing)	222 (50 countries)	260 (51 countries)
16. Dispatch of Japan Disaster Relief Team (JDR), Provision of Disaster Relief Supplies	20 (15 countries/regions)	16 (16 countries/regions)
DAC Rate: US\$1=	¥112.2	¥108.8

Note: Figures do not include those for worldwide projects across countries and regions.
 * The number of countries in which there are JICA projects except the Development Assistance Committee (DAC) member countries.
 ** Technical Cooperation expenses include expenses for Technical Assistance, managed under the Finance and Investment Account budget, SATREPS, JPP Projects, Disaster Relief etc., but exclude administrative costs.
 *** Total of new commitments of ODA Loans and Private-Sector Investment Finance projects.
 **** Amount of concluded Grant Agreements (G/A). For projects running over several fiscal years, the maximum amount allowed for each fiscal year is counted for that fiscal year. Increase in maximum amount committed according to amendment of G/A is counted for the year the amendment was made.

4 Geographical Distribution of JICA Operations

Note: The figures within Japan's ODA (2017) are provisional figures for the calendar year prepared from materials from the Ministry of Foreign Affairs of Japan. Cumulative total persons are cumulative new personnel (includes data for FY2017).
 Figures do not include those for worldwide projects across countries and regions.
 * F and IC: Finance and Investment Cooperation (ODA Loans and Private-Sector Investment Finance projects)
 ** Technical Cooperation expenses include expenses for Technical Assistance, managed under the Finance and Investment Account budget, SATREPS, JPP Projects, Disaster Relief etc., but exclude administrative costs.
 *** Amount of concluded Grant Agreements (G/A). For projects running over several fiscal years, the maximum amount allowed for each fiscal year is counted for that fiscal year. Increase in maximum amount committed according to amendment of G/A is counted for the year the amendment was made.

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC* Disbursements (FY2017) (¥1 billion)	JICA's Grants (FY2017) (¥1 billion)***	
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)											
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOVC			Other Volunteers

4-1 Asia

Southeast Asia															Disbursements (FY2017) (¥1 billion)	JICA's Grants (FY2017) (¥1 billion)***		
Region / Country	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	2017	Cumulative Total	Persons		Expense	2017	Cumulative Total	Expense	2017	Cumulative Total			Expense	
							New	Ongoing										New
Brunei Darussalam	0.01				2017		Persons		Expense									
					Cumulative Total	3.947	Persons	1,242	114	237	Expense	1,743,977	1,011,566	678,023	416,318	97,362		
Cambodia	83.15	41.46	58.55		2017	3.623	Persons	493	89	576	53	253	1		33	21	9	14
					Cumulative Total	86.258	Expense	406,609	2,018,026	871,026	50,911	67,134	129,747	79,406	14,012	5,475	5,522	
Indonesia	14.88	69.11	-1,128.94		2017	6.367	Persons	720	36	576	99	428	45		18	23	3	6
					Cumulative Total	357.447	Expense	612,951	3,345,546	1,565,199	115,980	626,970	72,983	27,035	44,743	18,035	24,860	
Laos	25.52	21.70	25.19		2017	2.254	Persons	358	32	335	46	93			21	52	4	8
					Cumulative Total	75.342	Expense	260,038	1,335,764	276,060	64,384	32,500	246,669	38,878	10,082	5,089	4,199	
Malaysia	6.36	13.31	-109.31		2017	0.973	Persons	370	36	128	14	18			12	16	5	6
					Cumulative Total	117.784	Expense	266,621	354,559	155,175	735	34,309	109,045	52,081	17,908	4,248	6,757	
Myanmar	135.96	91.06	151.96		2017	9.200	Persons	938	173	1,046	98	1,063	39		4	2		11
					Cumulative Total	88.006	Expense	1,172,737	5,076,068	1,917,351	34,861	931,722	11,151	55,761	9,788	5,347	9,194	
Philippines	63.17	51.97	-256.89		2017	12.250	Persons	309	28	467	40	989	38		18	44	1	1
					Cumulative Total	242.316	Expense	307,765	1,318,182	1,419,235	8,988,516	206,427	9,715	41,663	9,780	18,685		
Singapore	0.99	0.06			2017	0.003	Persons					11						
					Cumulative Total	21.851	Expense				3,197	846	8,134,596	7,709,467	1,809,330	3,630,484	567,584	
Thailand	9.89	28.20	53.40		2017	2.692	Persons	283	12	303	28	356	10		13	44	5	8
					Cumulative Total	231.891	Expense	419,251	1,094,244	891,377	27,192	52,120	148,866	58,568	31,699	10,881	16,107	
Timor-Leste	13.74	7.96	2.43		2017	0.783	Persons	107	16	132	26	16			11	28		
					Cumulative Total	13.200	Expense	160,409	484,103	4,638	8,498	1,708	124,140		2,223	1,192	911	
Viet Nam	18.97	75.97	832.20		2017	6.710	Persons	871	65	1,026	120	550	3		22	36	15	16
					Cumulative Total	157.704	Expense	648,270	3,794,397	1,841,802	80,452	94,962	147,002	103,344	25,645	13,472	13,416	
							Expense	20,639,134	55,903,245	50,620,858	11,955,242	13,083,394	4,066,159		1,436,191			

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)											JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***		
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)													
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV				Other Volunteers	
New		Ongoing		New		Ongoing		New		Ongoing			New		Ongoing			
4-1 Asia (Continued)																		
East Asia																		
China	0.26	5.52	-954.74	2017	0.404	Persons	99	2	57	6	43					8	5	1
				Expense	58,279	261,567	40,887			2,218	40,880	5						
				Cumulative Total	184.902	Persons	37,201	9,448	13,777				807	33				
Hong Kong		0.00		2017		Persons												
				Expense														
				Cumulative Total	1.909	Persons	653	37	39									
Macao				2017		Persons												
				Expense														
				Cumulative Total	0.001	Persons	1											
Mongolia	31.25	26.65	442.73	2017	2.358	Persons	417	8	538	46	31	5			16	46	1	5
				Expense	353,837	1,513,073	180,478		90,441	5,248	185,511	29,299						
				Cumulative Total	47.611	Persons	5,217	4,158	3,618				543	139				
Republic of Korea				2017		Persons												
				Expense														
				Cumulative Total	24.473	Persons	6,178	1,635	1,074									
Afghanistan	86.58	25.11		2017	2.254	Persons	333	215	127	6	9							
				Expense	1,211,624	760,812	250,887		20,856	10,259								
				Cumulative Total	61.034	Persons	5,467	2,112	1,918									
Bangladesh	40.32	44.63	1,227.67	2017	4.611	Persons	267	16	575	24	469	3						
				Expense	589,739	2,620,985	1,350,667		44,446	5,662								
				Cumulative Total	85.730	Persons	13,392	4,037	6,425				1,265	20				
Bhutan	16.43	11.92	-0.83	2017	1.022	Persons	138	4	108	15	88	1			13	35	4	7
				Expense	147,139	340,601	326,638		56,075		126,136	25,599						
				Cumulative Total	21.115	Persons	2,091	741	1,151				447	146				
India	1.35	162.60	1,390.52	2017	9.067	Persons	289	37	343	25	1,107	53			4	9	2	
				Expense	849,282	1,548,121	1,855,504		4,776,222		37,489	249						
				Cumulative Total	73.317	Persons	7,876	3,269	6,309				207	2				
Maldives	3.14	2.41	-1.07	2017	0.194	Persons	40	1	1	1	10				6	10		
				Expense	51,378	22,338	83,812				36,055							
				Cumulative Total	7.780	Persons	1,094	98	470				335	11				
Nepal	28.25	29.94	39.20	2017	2.042	Persons	108	5	285	30	172	8			35	29	2	4
				Expense	106,293	1,277,715	365,642		26,253	96,269	156,565	12,956						
				Cumulative Total	76.169	Persons	5,979	3,556	4,488				1,210	175				
Pakistan	71.47	20.99	-165.84	2017	1.659	Persons	145	7	263	34	97	1						
				Expense	150,739	1,173,012	184,856		126,414	23,602								
				Cumulative Total	57.864	Persons	6,992	2,514	4,471				167	54				
Sri Lanka	26.28	25.92	-20.64	2017	2.424	Persons	215	5	145	29	309	38			39	57	3	9
				Expense	202,374	736,135	1,028,706		27,466	143,237	248,423	38,121						
				Cumulative Total	82.819	Persons	13,238	2,883	5,824				1,039	91				
Armenia	0.33	3.86	-10.01	2017	0.262	Persons	39		22	5	5							
				Expense	51,331	174,838	35,719											
				Cumulative Total	4.453	Persons	678	151	461									
Azerbaijan	1.15	0.43	28.56	2017	0.057	Persons	28											
				Expense	32,611		24,000											
				Cumulative Total	3.525	Persons	609	9	388									
Georgia	0.88	0.96	12.23	2017	0.232	Persons	39			1	50							
				Expense	41,504	9,518	165,091		15,934									
				Cumulative Total	2.345	Persons	528	28	254									
Kazakhstan	0.28	1.32	-40.62	2017	0.111	Persons	63		2	2								
				Expense	60,406	48,093	2,206											
				Cumulative Total	13.448	Persons	1,616	338	1,163									
Kyrgyz Republic	17.31	11.60	-0.51	2017	1.165	Persons	148	2	110	18	43			10	32		2	
				Expense	187,494	678,619	108,288		77,761	2,238	108,245	2,413						
				Cumulative Total	17.899	Persons	2,177	673	1,054				207	39				
Tajikistan	16.87	7.20		2017	0.507	Persons	94	2	80	3	1						2	
				Expense	115,273	315,029	18,604		46,894	3,657		7,937						
				Cumulative Total	7.877	Persons	2,232	277	395					10				
Turkmenistan		1.85	-1.95	2017	0.183	Persons	11		28		3							
				Expense	13,132	164,540	4,910											
				Cumulative Total	1.119	Persons	527	28	46									
Uzbekistan	3.65	5.84	235.51	2017	0.707	Persons	91	1	30	7	28	5			10	28	5	7
				Expense	86,299	292,969	76,612		116,089	10,621	85,613	39,118						
				Cumulative Total	17.705	Persons	2,416	1,056	1,278				232	78				
Expense	3,031,454	4,409,089	5,052,216		1,137,905	1,469,350	1,853,885	751,258										

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC* (FY2017) (¥1 billion)	JICA's Grants (FY2017) (¥1 billion)***			
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)													
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers		
				New	Ongoing	New	Ongoing	New	Ongoing					New	Ongoing	New	Ongoing	
4-2 Pacific																		
Australia				2017	Persons													
				Expense														
				Cumulative Total	0.254	Persons	1	19	44									
Cook Islands	0.42	0.09		2017	Persons	5												
				Expense		5,052												
				Cumulative Total	0.864	Persons	247	23	43									
Fiji	12.98	6.70	-1.08	2017	Persons	117	13	46	12	17				19	17	1	9	
				Expense		242,478	294,175	22,888	6,453				80,653	42,146				
				Cumulative Total	28.934	Persons	2,856	917	986							564	144	
Guam				2017	Persons													
				Expense														
				Cumulative Total					1									
Kiribati	5.72	1.14		2017	Persons	25	4		1					5	7			
				Expense		63,746	11,028	17,266	1,787				36,824					
				Cumulative Total	4.763	Persons	634	29	278							55		
Marshall Islands	0.75	3.92		2017	Persons	24	1	1	1	5				5	7	2	6	
				Expense		36,238	8,065	48,475					39,598	38,982				
				Cumulative Total	5.125	Persons	438	15	272					234	41			
Micronesia	2.55	2.38		2017	Persons	31	2	26	3					4	5	5	8	
				Expense		48,428	48,355	40,230	6,531				41,134	39,275				
				Cumulative Total	9.107	Persons	658	128	380						349	80		
Nauru	0.35	0.13		2017	Persons	10												
				Expense		14,868												
				Cumulative Total	0.270	Persons	199	2	11									
New Caledonia		0.00		2017	Persons													
				Expense														
				Cumulative Total	0.002	Expense			1,582									
New Zealand				2017	Persons													
				Expense														
				Cumulative Total	0.278	Persons	6	138	6									
Niue		0.10		2017	Persons	6												
				Expense		8,525												
				Cumulative Total	0.196	Persons	127											
North Mariana Islands				2017	Persons													
				Expense														
				Cumulative Total	0.002	Persons	1											
Palau	8.32	4.66		2017	Persons	19	3	2	2	53				5	9	2	6	
				Expense		32,988	75,419	133,557	53,162				30,507	32,362				
				Cumulative Total	7.368	Persons	415	257	514					191	69			
Papua New Guinea	2.09	12.04	6.99	2017	Persons	151	13	171	19	4				16	24	4	2	
				Expense		228,862	702,928	12,029				122	134,987	21,091				
				Cumulative Total	34.809	Persons	4,281	1,132	1,418					676	92			
Samoa	17.01	5.31	6.27	2017	Persons	52	5	12	9	2				15	23		9	
				Expense		100,822	135,068	23,047	2,642				144,603	39,843				
				Cumulative Total	14.760	Persons	1,265	291	425					536	113			
Solomon Islands	7.87	4.81		2017	Persons	53	8	22	8	21				21	18	4	8	
				Expense		102,773	179,774	118,007	8,393				127,985	62,380				
				Cumulative Total	12.110	Persons	1,138	342	592					406	26			
Tonga	19.44	3.48		2017	Persons	34	6	14	3	16				15	19	1	9	
				Expense		63,041	56,899						79,561	31,424				
				Cumulative Total	11.436	Persons	901	196	357					461	81			
Tuvalu	0.41	1.16		2017	Persons	11	2			25								
				Expense		19,387			55,425	2,919								
				Cumulative Total	2.965	Persons	375	90	260									
Vanuatu	0.77	3.98	25.20	2017	Persons	107	5	37	7	8				10	28	5	9	
				Expense		78,867	119,988	77,017					113,036	47,801				
				Cumulative Total	8.690	Persons	806	201	268					298	74			

4-3 North America and Latin America

Central America and the Caribbean

Antigua and Barbuda	1.78	0.43		2017	Persons	9			1								
				Expense		17,385	23,380					8,706					
				Cumulative Total	0.952	Persons	119	12	58								
Bahamas		0.02		2017	Persons	3											
				Expense		5,510											
				Cumulative Total	0.080	Persons	29										

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***	
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)											
					Training Participants**		Experts**	Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV				Other Volunteers
New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	New	Ongoing	
4-3 North America and Latin America, Central America and the Caribbean (Continued)																
Barbados	0.89	0.04		2017	0.005	Persons	2									
				Expense	4,778											
				Cumulative Total	1.289	Persons	110	72	11							
Belize	0.17	1.25		2017	0.132	Expense	236,454	703,363	54,272	138,292	157,028		10	16	1	
				Persons	11	1										
				Cumulative Total	2.369	Expense	13,029	12,761							102,815	3,023
Costa Rica	0.35	4.33	34.25	2017	0.478	Expense	455,293	128,204	23,272	92,850	43,185	1,527,496	98,533			
				Persons	63	16	9	9	1			16	19	5	10	
				Cumulative Total	23.327	Expense	58,791	228,502	31,442		3,007		98,781	57,496		
Cuba	32.34	3.37		2017	0.185	Expense	2,246	582	927				581	98		
				Persons	68	25	4	59	1							
				Cumulative Total	6.804	Expense	3,579,874	5,140,269	4,991,816	2,085,964	582,051	5,889,915	1,055,942			
Dominica		0.16		2017	0.014	Expense	4						1			
				Persons	4											
				Cumulative Total	1.582	Expense	9,409					690		3,872		
Dominican Republic	0.60	6.22	-5.98	2017	0.650	Expense	150	8	89				41			
				Persons	72	40	8	4			24	34	8	7		
				Cumulative Total	34.759	Expense	88,767	295,691	7,671		19,847	191,518	46,757			
El Salvador	0.45	6.39	-13.83	2017	0.696	Expense	2,061	797	1,253				647	298		
				Persons	92	5	87	16	16	1			17	3		
				Cumulative Total	25.398	Expense	4,006,258	9,032,511	6,560,624	2,581,664	1,779,438	6,806,082	3,954,101			
Grenada	0.09	0.12		2017	0.012	Expense	120,424	430,044	58,198	17,894	7,369		46,763	15,399		
				Persons	92	5	87	16	16	1			17	3		
				Cumulative Total	25.398	Expense	2,185	835	1,205				534	36		
Guatemala	0.52	6.43	-9.23	2017	0.617	Expense	3,309,522	7,136,055	5,879,649	1,720,137	1,846,986	5,155,962	349,294			
				Persons	6											
				Cumulative Total	1.183	Expense	6									
Guyana		1.13		2017	0.110	Expense	152	5	95							
				Persons	101	49	9				23	47	4	1		
				Cumulative Total	31.111	Expense	307,285	304,566	460,890	107,710	2,898					
Haiti	11.70	3.68		2017	0.308	Expense	80,260	315,625		9,020	16,212	185,811	10,459			
				Persons	101	49	9									
				Cumulative Total	3.851	Expense	2,405	794	1,746			728	33			
Honduras	1.81	6.90	0.77	2017	0.700	Expense	3,533,298	6,973,690	9,309,827	1,748,035	1,658,615	7,608,024	279,937			
				Persons	9	1	2	21				10				
				Cumulative Total	44.300	Expense	19,881	35,899	11,169					42,982		
Jamaica	1.21	4.49	-9.94	2017	0.285	Expense	205	27	125				49			
				Persons	82	15	6									
				Cumulative Total	9.985	Expense	496,983	505,490	474,255	100,518	62,251	10,468	173,966			
Mexico	0.17	11.83	-3.25	2017	0.928	Expense	21,743	279,864	5,012		1,804					
				Persons	597	105	308									
				Cumulative Total	76.552	Expense	898,454	1,370,951	1,045,463	131,777	404,430					
Montserrat				2017	0.700	Expense	80,533	312,157	74,345	39,444	16,176	177,292				
				Persons	68	37	12	6		15	42					
				Cumulative Total	44.300	Expense	3,062	1,161	1,794			1,228	155			
Netherlands Antilles Curacao	1.21	4.49	-9.94	2017	0.285	Expense	3,665,109	10,903,430	9,386,470	4,277,141	1,344,263	12,863,660	1,859,442			
				Persons	17	2	3			10	23	12	12			
				Cumulative Total	9.985	Expense	27,241	36,830				107,868	112,924			
Nicaragua	0.96	10.99	3.36	2017	0.908	Expense	600	141	248			364	70			
				Persons	103	2	41	11	29	4	16	30	3	6		
				Cumulative Total	26.042	Expense	1,367,669	1,701,753	991,766	810,896	512,997	3,841,443	758,427			
Panama	0.52	5.91	-12.45	2017	0.274	Expense	1,367,669	1,701,753	991,766	810,896	512,997	3,841,443	758,427			
				Persons	40	12	2	22	1		11	11	2			
				Cumulative Total	30.787	Expense	43,486	131,103		8,189		84,070	7,542			
Puerto Rico				2017	0.002	Expense	1,936	704	1,376			416	116			
				Persons	40	12	2	22	1		11	11	2			
				Cumulative Total	30.787	Expense	3,555,068	7,972,185	7,811,771	4,046,044	1,172,732	4,772,631	1,456,392			
Saint Christopher and Nevis	2.18	0.09		2017	0.009	Expense										
				Persons	5											
				Cumulative Total	0.509	Expense	1	1			115					
Saint Lucia	1.96	2.24		2017	0.247	Expense	982	934								
				Persons	5											
				Cumulative Total	3.339	Expense	8,909									
St. Vincent and the Grenadines	1.78	0.45		2017	0.043	Expense	92	2	46							
				Persons	16	1	3			26	7	4				
				Cumulative Total	1.795	Expense	186,179	6,262	158,766	43,731	114,057					

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***			
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers		
					New	Ongoing	New	Ongoing	New	Ongoing			New			Ongoing	New	Ongoing
4-3 North America and Latin America, Central America and the Caribbean (Continued)																		
Suriname		0.11		2017	0.010	Persons	6											
				Expense	9,948													
				Cumulative Total	0.755	Persons	120		8		66							
Trinidad and Tobago		0.04		2017	0.004	Persons	2											
				Expense	4,095													
				Cumulative Total	3.294	Persons	169		70		142							
				Expense	399,061		1,829,002		640,015		413,255		12,937					
South America																		
Argentina	0.82	6.23	-10.26	2017	0.559	Persons	79	1	24	3	1				21	28		
				Expense	139,456		195,058		1,092		5,757		1,868				215,995	
				Cumulative Total	49.136	Persons	3,890		1,361		1,691						21	356
Bolivia	1.61	8.92	0.22	2017	0.977	Persons	62	1	61	15	14	4		41	23	5	8	
				Expense	106,540		479,948		152,977		13,215		17,867		169,134		37,802	
				Cumulative Total	73.743	Persons	6,061		1,466		2,720						1,009	184
Brazil	1.15	19.29	-58.68	2017	1.634	Persons	335	7	52	13	14					55	88	
				Expense	472,122		562,286		43,338				35,115				520,679	
				Cumulative Total	117.645	Persons	11,580		3,304		3,974						49	764
Chile	0.43	3.26	-0.90	2017	0.256	Persons	57		19	2	6	2		6	5	4	7	
				Expense	69,046		78,085		22,746				3,331		36,990		45,987	
				Cumulative Total	43.402	Persons	3,490		1,397		1,875						201	104
Colombia	11.20	6.86		2017	0.691	Persons	145		29	7	25			9	17	12	26	
				Expense	130,477		284,809		19,777		7,605		555		70,934		176,642	
				Cumulative Total	33.456	Persons	5,103		691		1,685						279	128
Ecuador	6.81	4.96	-8.86	2017	0.470	Persons	79	2	31	5	13	2		25	17	4	9	
				Expense	98,403		184,280		18,509		5,072		2,502		120,263		40,938	
				Cumulative Total	26.024	Persons	2,165		492		1,310						586	90
Paraguay	4.06	9.29	-24.71	2017	0.786	Persons	64	2	26	14	36	4		26	51	12	18	
				Expense	78,032		301,590		91,090		10,977		14,299		179,022		110,774	
				Cumulative Total	88.192	Persons	4,225		1,954		2,669						1,228	360
Peru	1.60	8.53	-473.57	2017	0.884	Persons	93	3	28	8	31			30	39	2	7	
				Expense	121,366		156,660		360,383				15,095		182,894		48,062	
				Cumulative Total	56.768	Persons	7,209		1,423		2,787						431	51
Uruguay	0.58	1.29		2017	0.140	Persons	26		1	1						2	18	
				Expense	30,358		15,763										93,983	
				Cumulative Total	15.470	Persons	1,537		455		587						3	157
Venezuela	0.10	0.82		2017	0.061	Persons	39											
				Expense	53,069								8,106					
				Cumulative Total	10.753	Persons	1,654		265		578						105	
				Expense	2,869,095		2,665,716		3,365,381		764,240		123,550		961,843			
North America																		
Canada				2017	0.004	Persons	4											
				Expense	3,828								78					
				Cumulative Total	0.576	Persons	138		13		25							
United States of America				2017	0.044	Persons			1	2								
				Expense				28,136					15,878					
				Cumulative Total	1.852	Persons	11		70		166							
				Expense	1,295		501,344		650,056		136,945		562,568					
4-4 Middle East																		
Algeria	0.24	0.61	-0.72	2017	0.135	Persons	19	7			9							
				Expense	43,546		2,045		89,214									
				Cumulative Total	7.734	Persons	848		403		417							
Bahrain				2017		Persons												
				Expense														
				Cumulative Total	1.367	Persons	241		30		6							
Egypt	7.62	32.22	-83.10	2017	2.395	Persons	298	60	267	42	141	29		12	12	2	2	
				Expense	488,372		1,304,292		271,495		15,738		229,947		72,826		12,594	
				Cumulative Total	81.774	Persons	11,149		3,246		5,511						250	39
Iran	16.66	12.77	-23.08	2017	1.244	Persons	122		88	4	184							
				Expense	122,432		406,778		703,645				11,390					
				Cumulative Total	28.854	Persons	3,631		1,293		2,126							
Iraq	53.26	13.14	286.73	2017	1.135	Persons	551	13	36	4	24	1						
				Expense	390,832		107,864		202,122				434,092					
				Cumulative Total	20.675	Persons	9,547		232		886							
Israel				2017		Persons												
				Expense														
				Cumulative Total	0.046	Persons	27		2		33							
Jordan	84.20	10.25	94.84	2017	0.884	Persons	99		64	20	21			14	22	1	4	
				Expense	86,938		517,493		89,915		4,542		23,186		137,317		24,500	
				Cumulative Total	36.426	Persons	2,803		1,008		1,868					580	205	
				Expense	3,823,464		9,260,507		8,575,158		4,285,950		2,181,233		5,747,979		2,551,218	

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***		
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)												
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers	
New		Ongoing		New		Ongoing		New		Ongoing			New		Ongoing		
4-4 Middle East (Continued)																	
Kuwait				2017	Persons												
				Expense													
Lebanon	18.62	1.40	-6.21	2017	Persons	7			58								
				Expense		5,834			233,999								
Libya	2.64			2017	Persons												
				Expense		125		10	20								
Morocco	7.47	10.32	59.38	2017	Persons	77	48	42	13	17	4			9	21	3	9
				Expense		282,666		291,559		244,541			135,452		82,399		46,152
Oman		0.03		2017	Persons												
				Expense		1,333,678		3,628,786		8,872,970		467,697		92,281			
Palestine	34.72	12.20		2017	Persons	383		154	16	17							
				Expense		164,579		797,906		126,990		3,740		44,367			
Qatar				2017	Persons												
				Expense		244,744		531,139		268,632		22,987		38,549			
Saudi Arabia		0.69		2017	Persons			1	2	9							
				Expense		2,096		818		1,184				9,390			
South Yemen				2017	Persons												
				Expense		67,114		333,704		279,004		17,197		6,059		2,266	
Syria	52.43	2.51		2017	Persons	20											
				Expense		80,914		47		8,738			126,355				
Tunisia	2.71	4.67	35.39	2017	Persons	61	8	18	2	43							
				Expense		100,853		310,314		159,237		5,001		2,315			
United Arab Emirates		0.03		2017	Persons					2							
				Expense		197		145		248							
Yemen	50.58	0.06	-0.07	2017	Persons	50											
				Expense		49,155				603					68		
					Cumulative Total	Persons											
					Cumulative Total	Expense											

4-5 Africa																	
Angola	0.79	2.90		2017	Persons	41	10	34	4	26							
				Expense		61,842		183,964		147,881			3,237				
Benin	15.86	4.49		2017	Persons	49	5	26	9	9			27	35			
				Expense		75,408		176,698		78,236		1,196		161,858			
Botswana	0.31	4.20	3.22	2017	Persons	68	8	22	10	16			22	15	2	2	
				Expense		71,216		139,040		60,932		1,195		79,509		14,806	
Burkina Faso	8.87	10.50		2017	Persons	73	14	50	17	55	7		22	2			
				Expense		148,857		459,419		216,412		10,300		1,822		53,357	
Burundi	1.73	0.86		2017	Persons	48	5			2							
				Expense		78,509		19,153		5,811							
Cameroon	7.80	8.64	12.76	2017	Persons	81	18	27	12	6	4		6	25	1		
				Expense		161,241		227,364		140,382		33,260		1,280		113,270	
Cape Verde	1.95	0.54	5.64	2017	Persons												
				Expense		8,484											
Central African Republic	10.86	0.03		2017	Persons	1											
				Expense		4,226											
					Cumulative Total	Persons											
					Cumulative Total	Expense											

Statistics on Program Results 4. Geographical Distribution of JICA Operations

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***					
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)															
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers				
New		Ongoing		New		Ongoing		New		Ongoing			New		Ongoing					
Chad	10.99	0.23	0.027	Persons	20															
				Expense	27,341															
				Cumulative Total	0.978	Persons	322		5		43									
Comoros	1.78	0.34	0.039	Persons	9		2		1											
				Expense	13,450		10,419				15,099									
				Cumulative Total	1.356	Persons	224		47		42									
Congo	2.72	0.46	0.120	Persons	10		3		13		1									
				Expense	15,910				103,986											
				Cumulative Total	1.159	Persons	200		3		123									
Côte d'Ivoire	22.44	15.99	1.794	Persons	805	18	48	9	145	8										
				Expense	316,641		409,809		732,939		334,835									
				Cumulative Total	18.186	Persons	10,531		446		985				173					
Democratic Republic of the Congo	28.74	11.87	1.132	Persons	98	10	64	12	103	11										
				Expense	155,563		647,614		312,681		2,548		13,408							
				Cumulative Total	17.725	Persons	24,602		464		878									
Djibouti	13.24	3.67	0.369	Persons	32	1	14	4	28	1				1		9				
				Expense	59,777		94,031		150,902		2		30,340		33,779					
				Cumulative Total	6.182	Persons	579		123		543					134				
Equatorial Guinea		0.15	0.017	Persons	3	1														
				Expense	16,913															
				Cumulative Total	0.351	Persons	94		1											
Eritrea	2.67	0.82	0.047	Persons	11	3		1	2											
				Expense	25,631		19,049		2,597											
				Cumulative Total	2.666	Persons	305		41		178									
Eswatini (former Swaziland)	2.94	0.79	0.121	Persons	39	5	6		2					3		1				
				Expense	56,919		23,635		29,656				6,884		3,907					
				Cumulative Total	4.578	Persons	1,329		64		258				3		4			
Ethiopia	11.25	27.61	2.161	Persons	170	43	139	25	171	19				28	48		7			
				Expense	325,373		823,671		583,154		68,886		83,857		241,153		34,654			
				Cumulative Total	47.979	Persons	3,041		1,728		2,068				705		40			
Gabon	0.42	3.16	0.424	Persons	25	4	10	4	15					12	10		1			
				Expense	41,741		153,872		116,091				43,314		69,365					
				Cumulative Total	5.428	Persons	604		111		206				146		12			
Gambia		0.41	0.070	Persons	15	7	4													
				Expense	48,231		21,580													
				Cumulative Total	3.014	Persons	336		12		229									
Ghana	34.57	16.63	1.466	Persons	179	10	98	22	7					27	75		2			
				Expense	208,506		806,670		50,212		21,931		63,883		305,650		9,095			
				Cumulative Total	58.913	Persons	4,474		1,875		1,953				1,348		33			
Guinea	26.65	3.42	0.357	Persons	42	3	4	2	34											
				Expense	56,481		81,743		100,062		73,742		44,960							
				Cumulative Total	8.284	Persons	791		52		774									
Guinea-Bissau	2.41	0.41	0.050	Persons	8	1	3													
				Expense	27,184		22,844													
				Cumulative Total	0.931	Persons	178		11		81									
Kenya	16.95	36.73	3.293	Persons	603	101	211	51	178	19				19	56		2	4		
				Expense	624,024		1,648,106		675,151		41,880		60,288		221,681		21,430			
				Cumulative Total	125.511	Persons	13,674		3,893		4,743				1,635		45			
Lesotho	1.32	0.32	0.043	Persons	29	1								1		1				
				Expense	40,125									965		1,536				
				Cumulative Total	1.303	Persons	756				72				1		4			
Liberia	22.95	2.50	0.191	Persons	64	4	7	5												
				Expense	136,570		51,675					2,647								
				Cumulative Total	6.092	Persons	624		81		228					170				
Madagascar	5.43	8.44	0.938	Persons	103	19	39	12	41	3				20	24					
				Expense	194,160		443,033		150,569		3,458		26,510		120,432					
				Cumulative Total	20.767	Persons	1,136		533		1,235					171				
Malawi	29.44	11.67	1.365	Persons	149	20	74	21	26					48	69		2			
				Expense	267,449		614,800		180,190		6,239		327		292,551		3,754			
				Cumulative Total	45.797	Persons	3,274		969		1,407				1,793		49			
Mali	16.17	3.83	0.229	Persons	233	4	1	2	16											
				Expense	54,479		21,393		153,105											
				Cumulative Total	10.485	Persons	1,000		49		859				11					
Mauritania	10.96	1.76	0.163	Persons	30	3	1	1	45	3										
				Expense	40,299		11,670		111,009											
				Cumulative Total	6.776	Persons	722		47		714									
				Expense	1,049,541		926,958		4,505,735		259,383		34,547							

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC*	JICA's Grants (FY2017) (¥1 billion)***					
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)															
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers				
						New	Ongoing	New	Ongoing	New	Ongoing			New	Ongoing	New	Ongoing			
4-5 Africa (Continued)	Mauritius	1.92	0.59	-2.75	2017	0.069	Persons 15	3	7											
					Expense		30,102		39,184											
					Cumulative Total	6.157	Persons 550		104		492									
Mozambique	22.52	25.23	100.86	2017	2.338	Persons 217	73	224	30	96				18	47	3	3			
				Expense		881,864		2,308,518		2,477,780		363,406		125,749		203,103		24,802		
				Cumulative Total	29.107	Persons 16,403		1,606		1,754						282		14		
Namibia	0.68	3.09	-8.37	2017	0.274	Persons 41	7	2	13	3				12	13					
				Expense		53,139		80,247		53,429			12,007		75,326					
				Cumulative Total	5.603	Persons 1,426		118		284				130						
Niger	12.63	1.92		2017	0.253	Persons 45	3	15	2											
				Expense		91,645		159,705		521		878								
				Cumulative Total	21.198	Persons 1,083		214		820				694						
Nigeria	13.38	9.67	-0.11	2017	0.728	Persons 140	52	42	9	37	1									
				Expense		389,704		136,431		134,189		63,263		4,457						
				Cumulative Total	20.452	Persons 6,777		623		1,103										
Rwanda	20.34	15.18	7.80	2017	1.482	Persons 88	35	119	24	36				19	29					
				Expense		254,074		871,356		200,218		24,970		36,195		94,938				
				Cumulative Total	15.758	Persons 1,266		710		656					264		4			
Sao Tome and Principe	2.31	0.23		2017	0.027	Persons 9	1													
				Expense		27,327														
				Cumulative Total	0.810	Persons 280		6		48										
Senegal	7.43	22.47	74.89	2017	1.835	Persons 129	35	100	32	56	1			28	58	3	4			
				Expense		317,080		916,846		312,248		18,094		14,804		238,051		18,018		
				Cumulative Total	50.941	Persons 4,420		1,028		2,227					1,107		26			
Seychelles	5.35	0.13		2017	0.014	Persons 5	1													
				Expense		14,214														
				Cumulative Total	1.935	Persons 364		14		149										
Sierra Leone	5.07	5.56		2017	0.477	Persons 54	10	66	6											
				Expense		122,529		348,948		4,803		491								
				Cumulative Total	7.755	Persons 590		499		179										
Somalia	21.17	0.32		2017	0.039	Persons 13	2	4												
				Expense		33,534		5,224												
				Cumulative Total	1.053	Persons 155		25		51										
South Africa	0.84	11.02	-0.84	2017	1.188	Persons 126	68	61	19	50				7	6	3	3			
				Expense		366,538		544,789		215,030		862		10,337		26,779		24,021		
				Cumulative Total	14.853	Persons 1,844		626		892					104		20			
South Sudan	35.74	6.48		2017	0.536	Persons 86	13	54		65										
				Expense		172,080		311,065		27,003		13,326		12,109						
				Cumulative Total	9.283	Persons 536		537		485										
Sudan	11.34	12.34		2017	1.527	Persons 167	15	90	18	80	3			16	22		1			
				Expense		181,826		997,176		206,889		37,205		3,937		99,789		40		
				Cumulative Total	23.674	Persons 3,501		1,249		996						87		1		
Tanzania	20.68	21.81	31.70	2017	2.272	Persons 922	60	107	34	170	7			37	46	1	1			
				Expense		430,576		1,108,405		516,362		16,081		34,310		159,129		7,363		
				Cumulative Total	91.389	Persons 20,282		2,142		3,803						1,596		6		
Togo	16.27	0.39		2017	0.064	Persons 29	3		1											
				Expense		57,181		5,531		870										
				Cumulative Total	2.584	Persons 557		8		212										
Uganda	21.70	18.44	24.07	2017	1.557	Persons 184	23	87	29	100	7			27	72	1	3			
				Expense		253,884		742,058		271,989		19,742		11,386		240,368		17,617		
				Cumulative Total	32.070	Persons 3,381		914		1,435						698		21		
Zambia	5.77	18.35	1.22	2017	1.869	Persons 201	18	64	29	35				35	60	4	15			
				Expense		282,905		964,646		207,613		23,510		39,619		258,557		91,789		
				Cumulative Total	63.696	Persons 3,969		1,303		2,123						1,448		84		
Zimbabwe	9.83	5.00		2017	0.535	Persons 73	8	3	4	14	1			4	17					
				Expense		152,030		89,535		216,491			3,012		74,155					
				Cumulative Total	19.461	Persons 1,910		106		888					542					
Expense		3,362,449		2,276,841		5,715,521		1,079,099		402,634		6,624,804								

4-6 Europe

Albania		3.74	12.30	2017	0.374	Persons 27		19		12								
				Expense		36,985		140,251		153,724		43,288						
				Cumulative Total	3.297	Persons 509		81		250								
Austria				2017		Persons												
				Expense														
				Cumulative Total	0.525	Persons		12		4								
Expense				475,498		12,230		30,756		6,347								

Statistics on Program Results 4. Geographical Distribution of JICA Operations

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC* (FY2017) (¥1 billion)	JICA's Grants (FY2017) (¥1 billion)***		
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)												
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers	
					New	Ongoing	New	Ongoing	New	Ongoing					New	Ongoing	New
4-6 Europe (Continued)																	
Belarus	0.17	0.07		2017	Persons												
				Expense													
Belgium				2017	Persons			1									
				Expense			24,109										
Bosnia and Herzegovina	1.31	0.95	14.14	2017	Persons	18		1	4								
				Expense			13,999	43,115	13,787	444	1,771						
Bulgaria			-14.20	2017	Persons												
				Expense			842	243	617					253		2	
Croatia				2017	Persons												
				Expense			1,711,194	2,052,834	3,115,803	913,402	195,132	3,286,378		5,468			
Cyprus				2017	Persons												
				Expense			328,870	322,609	415,810	17,185	23,898						
Czech Republic				2017	Persons												
				Expense			438,033	8,169	149,334	684							
Denmark				2017	Persons												
				Expense			354,012	149,349	4,392	65,691	5,283						
Estonia				2017	Persons												
				Expense			128,557										
Finland				2017	Persons												
				Expense						5	5,294						
France				2017	Persons			1									
				Expense					12,657								
Germany				2017	Persons												
				Expense							195,879	493,788	6,146	309,758	106,442		
Greece				2017	Persons												
				Expense													
Hungary				2017	Persons												
				Expense													
Iceland				2017	Persons												
				Expense													
Ireland				2017	Persons												
				Expense													
Italy				2017	Persons												
				Expense													
Kosovo	0.39	2.69		2017	Persons	35	1	32	2	1							
				Expense													
Latvia				2017	Persons												
				Expense													
Lithuania				2017	Persons												
				Expense													
Luxembourg				2017	Persons												
				Expense													

Region / Country	Japan's ODA (2017)			JICA's Technical Cooperation (FY2017)										JICA's F and IC* (FY2017) (¥1 billion)	JICA's Grants (FY2017) (¥1 billion)***			
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)													
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOCV			Other Volunteers		
					New	Ongoing	New	Ongoing	New	Ongoing					New	Ongoing	New	Ongoing
4-6 Europe (Continued)																		
Malta				2017														
				Cumulative Total	0.399	77	18	16										
Moldova	4.93	0.59		2017	0.075	13		3	5									
				Cumulative Total	2.472	13,763	35,523	26,058										
Monaco				2017														
				Cumulative Total	0.002				2									
Montenegro	0.13	0.02		2017	0.004	3												
				Cumulative Total	0.863	3,952	109	3	34									
Netherlands				2017														
				Cumulative Total	0.019	7			10									
Norway				2017														
				Cumulative Total	0.016			54	12,997									
Poland				2017														
				Cumulative Total	8.993	830	287	593								106	1	
Portugal				2017														
				Cumulative Total	0.210	9		41										
Romania			-30.12	2017														
				Cumulative Total	10.073	988	178	617									118	
Russia				2017														
				Cumulative Total	0.130	23	802	4,746	124,223									
Serbia	0.62	3.45	29.87	2017	0.190	48	44	8	2									
				Cumulative Total	5.004	25,547	134,750	183	15,820									
Slovakia				2017														
				Cumulative Total	1.487	349	23	110										
Slovenia				2017														
				Cumulative Total	0.475	92	7	40										
Soviet Union				2017														
				Cumulative Total	0.133		34											
Spain				2017														
				Cumulative Total	0.008		3	2										
Sweden				2017														
				Cumulative Total	0.034		2	7										
Switzerland				2017	0.012		1											
				Cumulative Total	0.418		37	44										
The Former Yugoslav Republic of Macedonia	0.45	0.36	-4.67	2017	0.036	14	1	8										
				Cumulative Total	4.631	24,469	11,049	61	386									
Turkey	14.31	3.17	-45.42	2017	0.281	57	1	10	4	25								
				Cumulative Total	46.321	63,136	115,021	81,967	5,180	4,821								
Ukraine	2.43	8.30	-8.30	2017	1.470	56	1	14	1	126								
				Cumulative Total	4.796	5,279	1,570	231,265	945,676									
United Kingdom				2017	0.016			1	1									
				Cumulative Total	0.477	2		8	67									

5 Regional and Sectoral Distribution of Technical Cooperation (FY2017)

Type of Cooperation	New/Ongoing	Total Number of Persons	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Tourism		Human Resources		Health/Medical Care	Welfare	Others
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industry	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture			
5-1 Asia																						
Training Participants	New	7,013	215	1,707	277	613	244	102	626	47	95	92	29	66	295	551	54	897		522	214	367
	Ongoing	792	12	51	3	9	12	5	52	9		11	20					580		25		3
	Total	7,805	227	1,758	280	622	256	107	678	56	95	103	49	66	295	551	54	1,477		547	214	370
Experts Dispatched	New	7,311	170	913	841	1,269	430	119	565	93	194	57	7	66	226	291	29	859	6	478	260	438
	Ongoing	776	17	131	43	97	26	6	82	6	18	7		14	22	36	2	67		53	14	135
	Total	8,087	187	1,044	884	1,366	456	125	647	99	212	64	7	80	248	327	31	926	6	531	274	573
Members of Study Teams Dispatched	New	6,394	461	612	434	2,598	276	66	189	13	72	47	17	13	349	342	30	312		276	20	267
	Ongoing	252	16	7	8	125	38		14		1			6	9	3	3		16			6
	Total	6,646	477	619	442	2,723	314	66	203	13	73	47	17	13	355	351	33	315		292	20	273
JOCVs Dispatched	New	293	19	11	3		1	1	6	6	2			5		8	4	151	7	46	23	
	Ongoing	515	51	16			3	2	19	6		2		8		6	13	215	25	106	43	
	Total	808	70	27	3		4	3	25	12	2	2		13		14	17	366	32	152	66	
Other Volunteers Dispatched	New	61	1	6	1		1		4	2		1		8		2	1	22	3	7	2	
	Ongoing	109		13	3	1	5	4	6	1		1		9		11	3	32	8	9	3	
	Total	170	1	19	4	1	6	4	10	3		2		17		13	4	54	11	16	5	

5-2 Pacific

Training Participants	New	645	14	101	25	75	13	3	11	4	22	99	9		26	9	12	122		53	4	43
	Ongoing	62	1	4			2		3			5	1					45				1
	Total	707	15	105	25	75	15	3	14	4	22	104	10		26	9	12	167		53	4	44
Experts Dispatched	New	379	1	64	48	53			13		52	21	14		20		2	46		16		29
	Ongoing	65	3	4	2	6			1		7	5			1			4		6		26
	Total	444	4	68	50	59			14		59	26	14		21		2	50		22		55
Members of Study Teams Dispatched	New	159	11	8	6	31	18	24				5			39			4		7		6
	Ongoing	8		3		4	1															
	Total	167	11	11	6	31	22	25				5			39			4		7		6
JOCVs Dispatched	New	115	3	2		1		1	1		1		1		1	2	66	8	25	3		
	Ongoing	157	12	11	1	2	1	3		1			3		2		76	7	35	3		
	Total	272	15	13	1	3	1	4	1	1	1		4		3	2	142	15	60	6		
Other Volunteers Dispatched	New	24		2	1	3	1		3			1		2		1	5	1	3	1		
	Ongoing	66		5	4	2	2		2	2	1	6		7	1	3	1	14		14	2	
	Total	90		7	5	5	3		5	2	1	7		9	1	4	1	19	1	17	3	

5-3 North America and Latin America

Training Participants	New	1,932	26	252	80	66	117	9	191	1	21	6	1	74	81	97	32	349		121	22	386
	Ongoing	64	1			10	1		1				2		1			15				33
	Total	1,996	27	252	80	76	118	9	192	1	21	6	3	74	82	97	32	364		121	22	419
Experts Dispatched	New	675	27	30	31	21	73		65	8	53	1		21	28	16	64		65	78	94	
	Ongoing	165	10	11	7	3	11	2	14	1	9	3		1	3	1	9		10	3	67	
	Total	840	37	41	38	24	84	2	79	9	62	4		22	31	17	73		75	81	161	
Members of Study Teams Dispatched	New	378		8	14	63	41		38		3		1	33	84	9	1	13		25		45
	Ongoing	27			2	8	8		4					2	1					1		1
	Total	405		8	16	71	49		42		3		1	33	86	10	1	13		26		46
JOCVs Dispatched	New	289	22	4	1		1	2	1	7		28			4	1	167	5	37	9		
	Ongoing	401	45	10	1		2		11	10		3		5	1	6	4	197	18	77	11	
	Total	690	67	14	2		3	2	12	17		31		5	1	10	5	364	23	114	20	
Other Volunteers Dispatched	New	166	2	7	5		1	1	2	1		3		4	3	18	2	61	38	7	11	
	Ongoing	264	5	9	9	3	10		14	2		3		19	1	20	2	65	71	16	14	
	Total	430	7	16	14	3	11	1	16	3		6		23	4	38	4	126	109	23	25	

Type of Cooperation	New/Ongoing	Total Number of Persons	Planning/Administration		Public Works/Utilities				Agriculture/Forestry/Fisheries				Mining/Industry		Energy	Business/Tourism		Human Resources		Health/Medical Care	Welfare	Others	
			Development Planning	Administration	Public Utilities	Transport/Traffic	Social Infrastructure	Communications/Broadcasting	Agriculture	Animal Industry	Forestry	Fisheries	Mining	Industry		Business/Trade	Tourism	Human Resources	Science/Culture				
Training Participants	New	1,687	12	288	24	58	26	3	418	2	12	23	1	11	346	31	40	122	9	52	124	85	
	Ongoing	136	1	5		3	1		4			6						106		10			
	Total	1,823	13	293	24	61	27	3	422	2	12	29	1	11	346	31	40	228	9	62	124	85	
Experts Dispatched	New	670	7	129	27	8			84		1	12			16	2	35	104	156	19	16	25	29
	Ongoing	103	15	10	1				9			3				2	17	20			3	2	21
	Total	773	22	139	28	8			93		1	15			16	2	37	121	176	19	19	27	50
Members of Study Teams Dispatched	New	534	8	142	64	32	1		16			2			106	9	13	105	1	11	2	22	
	Ongoing	34							15			4						14				1	
	Total	568	8	142	64	32	1		31			6			106	9	13	119	1	11	2	23	
JOCVs Dispatched	New	35		1													1	25	3	4	1		
	Ongoing	55	2	2														36	3	9	3		
	Total	90	2	3														61	6	13	4		
Other Volunteers Dispatched	New	6																5	1				
	Ongoing	15		1	1			1	1					1		2		7				1	
	Total	21		1	1			1	1					1		2		12	1			1	

5-5 Africa

Training Participants	New	5,590	179	1,820	151	172	95	15	953	12	77	81	51	23	147	175	11	770		603	36	219
	Ongoing	751	6	10			8		67	9		21	22		8			599				1
	Total	6,341	185	1,830	151	172	103	15	1,020	21	77	102	73	23	155	175	11	1,369		603	36	220
Experts Dispatched	New	1,929	23	110	140	170	41	50	341	21	121	39	8	61	67	61		295		255	7	119
	Ongoing	463	8	21	17	12	6	1	96	3	22	9	1	5	3	15		45	1	53	2	143
	Total	2,392	31	131	157	182	47	51	437	24	143	48	9	66	70	76		340	1	308	9	262
Members of Study Teams Dispatched	New	1,878	129	68	95	339	104	2	214		93	73	7	118	276	70	1	157	3	48	3	78
	Ongoing	101	4	1	3	27	9		18		6	7		11	3	11		1				
	Total	1,979	133	69	98	366	113	2	232		99	80	7	129	279	81	1	158	3	48	3	78
JOCVs Dispatched	New	439	86	11	4		2		18	2	2	2		2		2	1	221	15	62	9	
	Ongoing	738	160	19	3		5	1	27	4	4	2		16		8	6	338	26	102	17	
	Total	1,177	246	30	7		7	1	45	6	6	4		18		10	7	559	41	164	26	
Other Volunteers Dispatched	New	35	1	2	3		1		1			1		2			1	16	1	5	1	
	Ongoing	47		3										6		6	1	24	6	1		
	Total	82	1	5	3		1		1			1		8		6	2	40	7	6	1	

5-6 Europe

Training Participants	New	271	25	46	5	5	32	20	9	2	1		7	1	25	29	6	12		24	1	21
	Ongoing	4		2		1			1													
	Total	275	25	48	5	6	32	20	10	2	1		7	1	25	29	6	12		24	1	21
Experts Dispatched	New	134		14	7			28			8				9	21				9	3	35
	Ongoing	19	3	1		1		1					1				1	1		3		7
	Total	153	3	15	7	1		29			8		1		9	21	1	1		12	3	42
Members of Study Teams Dispatched	New	185	1	17	94	8	28		3			1						4		2	14	13
	Ongoing	16		1	8		2		5													
	Total	201	1	18	102	8	30		8			1						4		2	14	13
Other Volunteers Dispatched	Ongoing	7					1								1	1		3			1	
	Total	7					1								1	1		3			1	

5-7 Worldwide

Members of Study Teams Dispatched	New	700	2	42	38	24		4	4		31		107	10	21	45	8	12		14	21	317
	Ongoing	21											5		6	3						7
	Total	721	2	42	38	24		4	4		31		112	10	27	48	8	12		14	21	324

5-8 International Organizations

Other Volunteers Dispatched	New	5	5																			
	Ongoing	6	1			1																4
	Total	11	6			1																4

6 Sectoral Distribution of Technical Cooperation Projects (FY2017) (Unit: ¥100 million, %)

Sector	Type of Cooperation	New			Ongoing			Total		
		Number	Amount	Share	Number	Amount	Share	Number	Amount	Share
Planning/ Administration	Development Planning	3	0.1	0.7	9	4.9	1.3	12	5.0	1.3
	Administration	15	1.5	7.5	69	54.6	15.0	84	56.1	14.6
	Subtotal	18	1.6	8.2	78	59.5	16.4	96	61.1	15.9
Public Works/ Utilities	Public Utilities	5	0.7	3.7	31	29.6	8.1	36	30.3	7.9
	Transport/Traffic	4	0.2	1.2	38	26.5	7.3	42	26.8	7.0
	Social Infrastructure	3	3.5	17.3	16	13.2	3.6	19	16.7	4.3
	Communications/Broadcasting	3	3.3	16.3	7	4.2	1.2	10	7.5	2.0
	Subtotal	15	7.7	38.5	92	73.5	20.2	107	81.2	21.2
Agriculture/ Forestry/ Fisheries	Agriculture	12	4.0	19.9	66	56.9	15.7	78	60.9	15.9
	Animal Industry				4	3.7	1.0	4	3.7	1.0
	Forestry	4	0.2	0.9	21	15.0	4.1	25	15.2	4.0
	Fisheries				8	5.7	1.6	8	5.7	1.5
	Subtotal	16	4.2	20.8	99	81.4	22.4	115	85.5	22.3
Mining/ Industry	Mining				5	1.7	0.5	5	1.7	0.4
	Industry	1	0.1	0.6	11	8.8	2.4	12	9.0	2.3
	Subtotal	1	0.1	0.6	16	10.5	2.9	17	10.6	2.8
Energy		3	0.6	2.9	7	5.5	1.5	10	6.1	1.6
Business/ Tourism	Business/Trade	4	1.7	8.5	18	14.0	3.9	22	15.7	4.1
	Tourism				1	0.7	0.2	1	0.7	0.2
	Subtotal	4	1.7	8.5	19	14.7	4.1	23	16.4	4.3
Human Resources	Human Resources	7	0.3	1.3	56	72.7	20.0	63	73.0	19.0
	Science/Culture				1	0.7	0.2	1	0.7	0.2
	Subtotal	7	0.3	1.3	57	73.4	20.2	64	73.7	19.2
Health/Medical Care		12	2.1	10.3	52	34.3	9.4	64	36.4	9.5
Social Welfare		4	0.7	3.6	14	7.3	2.0	18	8.1	2.1
Others		4	1.1	5.4	8	3.5	1.0	12	4.6	1.2
Grand Total		84	20.0	100.0	442	363.7	100.0	526	383.7	100.0

Note: Projects for which Record of Discussions (R/D) were signed in FY2017 are classified as New, and projects for which R/D were signed in or before FY2016 and disbursement was made in FY2017 are classified as Ongoing.

Technical Cooperation Projects only (excluding Science and Technology Research Partnership for Sustainable Development (SATREPS) and Technical Cooperation for Development Planning).

Amount: Amount disbursed in FY2017.

In some cases numbers do not correspond to the sum total figures because of rounding.

7 Sectoral Distribution of Grant Projects (FY2017) (Unit: ¥100 million, %)

Sector	Number	Total *	Share	
Planning/ Administration	General Administration	1	15.40	1.3
	Environment	1	12.42	1.1
	Subtotal	2	27.82	2.4
Public Works/ Utilities	Water Supply	11	117.26	10.2
	Sewerage	1	3.13	0.3
	Urban Sanitation	1	2.76	0.2
	Roads	22	165.81	14.4
	Ports	3	29.65	2.6
	Aviation and Airports	3	49.16	4.3
	Meteorology and Earthquake	4	26.55	2.3
	Rivers and Sand Erosion Control	1	18.44	1.6
	General Communication and Broadcasting	1	27.92	2.4
	Telecommunications	2	23.78	2.1
	Subtotal	49	464.46	40.3
	Agriculture/ Forestry/ Fisheries	General Agriculture	3	28.08
Agriculture Engineering		2	3.19	0.3
Agricultural Machines		1	8.37	0.7
Fisheries		5	67.93	5.9
Subtotal		11	107.57	9.3
Energy	Electric Power	7	147.53	12.8
	New Energy and Renewal Energy	1	10.70	0.9
	Subtotal	8	158.23	13.7

Sector	Number	Total *	Share	
Business/ Tourism	Business Management	1	3.51	0.3
	Subtotal	1	3.51	0.3
Human Resources	Education	11	93.57	8.1
	Basic Education	2	21.49	1.9
	Higher Education	1	17.23	1.5
	Vocational Training	48	52.82	4.6
	Culture	7	11.61	1.0
	Subtotal	69	196.72	17.1
Health/ Medical Care	Health and Medical Care	16	191.44	16.6
	Subtotal	16	191.44	16.6
Others	1	1.54	0.1	
Grand Total	157	1,151.29	100.0	

Note: In some cases numbers do not correspond to the sum total figures because of rounding.
 *Amount of concluded Grant Agreements (G/A). For projects running over several fiscal years, the maximum amount allowed for each fiscal year is counted for that fiscal year, including the maximum amount allowed for the fiscal years prior to fiscal 2016 of G/A projects concluded in fiscal 2017. Increase in maximum amount committed according to amendment of G/A concluded prior to fiscal 2016 is counted for the year the amendment was made.

8 Overview of Finance and Investment Cooperation (Data from the Previous Five Years)

(Unit: ¥100 million, %)

		FY2013			FY2014			FY2015			FY2016			FY2017			
		Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	
ODA Loans	Commitments	Asia	38	7,846	79.6	31	5,848	57.7	51	14,748	71.1	36	11,239	76.6	35	11,263	61.0
		Pacific	1	83	0.8				2	315	1.5						
		North and Latin America	2	115	1.2	7	752	7.4				3	961	6.5	3	326	1.8
		Middle East	4	709	7.2	4	746	7.4	8	2,077	10.0	4	1,259	8.6	6	1,443	7.8
		Africa	6	519	5.3	4	482	4.8	6	1,344	6.5	8	1,216	8.3	5	418	2.3
		Europe	1	489	5.0	1	100	1.0	3	1,902	9.2						
		International Organizations, etc.	1	95	1.0	2	2,211	21.8	1	359	1.7				4	5,004	27.1
		Others															
		Total	53	9,857	100.0	49	10,138	100.0	71	20,745	100.0	51	14,674	100.0	53	18,454	100.0
		Disbursements		7,495			8,273			9,700			8,790			11,099	
Repayments		7,050			6,725			6,960			7,003			7,742			
Outstanding		113,490			115,038			117,825			119,611			122,968			
Private-Sector Investment Finance	Commitments (loan)	1	1					2	39		2	99		6	430		
	(Investment)				2	21		2	1,824		4	84					
	Disbursements		3			6			15			257			286		
	Recovered		58			250			8			4			11		
	Outstanding		666			422			429			682			953		

Note: The total number of loan commitments in FY2013 and FY2015 does not include the commitments to provide additional loans to one project while the total amount includes this total loan commitment of ¥43,000 million in FY2013 and ¥8,900 million in FY2015.

Of the repayments above, amount of advanced redemptions (the amount redeemed during the relevant fiscal year out of the amount originally scheduled for redemption in the following fiscal year or thereafter) for each year were as follows: FY2013: ¥56,000 million; FY2014: ¥5,000 million; FY2015: ¥12,300 million; FY2016: ¥4,900 million; FY2017: ¥45,100 million.

Data shows the managed credits and was calculated using a different method than figures calculated based on the Accounting Standards for Incorporated Administrative Agency.

Increase rate of outstandings in FY2017 compared to the previous fiscal year: ODA Loans 2.8%; Private-Sector Investment Finance 39.7%; total of ODA Loans and Private-Sector Investment Finance 3.0%.

9 Sectoral Distribution of Finance and Investment Cooperation

(Unit: ¥100 million, %)

Sector	FY2017									Accumulated								
	ODA Loans			Private-Sector Investment Finance			Total			ODA Loans			Private-Sector Investment Finance			Total		
	Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share
Electric Power and Gas	9	1,312	7.1	3	176	41.0	12	1,489	7.9	691	75,842	20.7	25	467	6.0	716	76,309	20.4
Multipurpose Dams										61	2,738	0.7	3	8	0.1	64	2,746	0.7
Power Plants	5	792	4.3	2	140	32.5	7	931	4.9	407	50,337	13.7	16	313	4.0	423	50,650	13.5
Transmission Lines and Distribution Systems	2	231	1.3				2	231	1.2	181	17,286	4.7	2	15	0.2	183	17,301	4.6
Gas										17	2,884	0.8	3	95	1.2	20	2,979	0.8
Others	2	289	1.6	1	37	8.5	3	326	1.7	25	2,596	0.7	1	37	0.5	26	2,633	0.7
Transportation	19	7,589	41.1				19	7,589	40.2	970	123,354	33.7	33	246	3.2	1,003	123,599	33.1
Roads	7	878	4.8				7	878	4.7	328	33,790	9.2	10	104	1.3	338	33,894	9.1
Bridges	2	577	3.1				2	577	3.1	85	8,487	2.3				85	8,487	2.3
Railways	6	3,857	20.9				6	3,857	20.4	257	51,437	14.1	8	34	0.4	265	51,472	13.8
Airports	1	768	4.2				1	768	4.1	81	11,818	3.2	1	0	0.0	82	11,818	3.2
Ports	2	1,424	7.7				2	1,424	7.5	150	13,655	3.7	6	83	1.1	156	13,738	3.7
Marine Transportation	1	85	0.5				1	85	0.5	50	2,648	0.7	5	18	0.2	55	2,665	0.7
Others										19	1,518	0.4	3	7	0.1	22	1,525	0.4
Telecommunications										203	10,478	2.9	11	73	0.9	214	10,551	2.8
Telecommunications										177	9,313	2.5	11	73	0.9	188	9,387	2.5
Broadcasting										25	1,146	0.3				25	1,146	0.3
Others										1	19	0.0				1	19	0.0
Irrigation and Flood Control	4	733	4.0				4	733	3.9	264	17,264	4.7	4	24	0.3	268	17,288	4.6
Agriculture, Forestry and Fisheries Industry	2	416	2.3	1	80	18.6	3	496	2.6	164	11,354	3.1	260	1,476	19.1	424	12,830	3.4
Agriculture	1	305	1.7	1	80	18.6	2	385	2.0	98	6,856	1.9	124	762	9.8	222	7,617	2.0
Forestry	1	111	0.6				1	111	0.6	46	3,990	1.1	75	552	7.1	121	4,542	1.2
Fisheries										20	508	0.1	60	160	2.1	80	668	0.2
Farming													1	3	0.0	1	3	0.0
Mining and Manufacturing	2	278	1.5	1	11	2.6	3	289	1.5	245	20,286	5.5	410	2,512	32.4	655	22,799	6.1
Mining										57	2,372	0.6	158	563	7.3	215	2,936	0.8
Manufacturing	2	278	1.5	1	11	2.6	3	289	1.5	185	17,845	4.9	251	1,916	24.7	436	19,761	5.3
Others										3	70	0.0	1	33	0.4	4	103	0.0
Social Services	9	2,146	11.6	1	163	37.8	10	2,309	12.2	573	53,955	14.7	41	766	9.9	614	54,721	14.6
Water Supply, Sewerage and Sanitation	5	1,682	9.1	1	163	37.8	6	1,844	9.8	300	33,569	9.2	9	267	3.4	309	33,836	9.1
Education	2	185	1.0				2	185	1.0	86	5,647	1.5	4	8	0.1	90	5,655	1.5
Public Health and Medicine										40	2,429	0.7	2	10	0.1	42	2,439	0.7
Tourism										20	1,836	0.5	7	155	2.0	27	1,992	0.5
Urban/Rural Community Infrastructure	2	280	1.5				2	280	1.5	59	5,768	1.6	16	188	2.4	75	5,956	1.6
Strengthening of Administrative Management										17	731	0.2				17	731	0.2
Environmental Conservation in Multisector										44	2,882	0.8	3	137	1.8	47	3,019	0.8
Others										7	1,094	0.3				7	1,094	0.3
Commodity Loans	7	5,634	30.5				7	5,634	29.8	318	50,596	13.8				318	50,596	13.5
Others	1	344	1.9				1	344	1.8	21	2,971	0.8	42	2,183	28.2	63	5,155	1.4
Grand Total	53	18,454	100.0	6	430	100.0	59	18,884	100.0	3,449	366,100	100.0	826	7,748	100.0	4,275	373,848	100.0
Rescheduling										209	21,181					209	21,181	

Note: The number does not include the commitments to provide additional loans.

Region/Country		Commitments		Disbursements	Repayments	Outstanding	Accumulated		
		Number	Total	Total	Total	Total	Number	Total	
Asia	Southeast Asia	Cambodia	1	23.5	6.9	0.7	32.6	22	140.1
		Indonesia	2	127.2	47.4	170.9	1,472.3	689	4,998.4
		Laos			3.9	0.6	20.6	13	48.4
		Malaysia			1.5	13.9	214.7	75	923.8
		Myanmar	5	127.8	22.1		261.1	94	1,136.8
		Philippines	3	129.9	33.0	55.4	741.7	296	2,844.4
		Singapore						2	1.2
		Thailand			27.4	33.7	434.4	244	2,369.5
		Timor-Leste			0.3		1.2	1	5.3
		Viet Nam	3	61.8	105.4	51.6	1,582.5	204	2,724.9
	Subtotal	14	470.2	248.0	326.7	4,761.3	1,640	15,192.8	
	East Asia	China			0.5	105.0	1,141.7	369	3,359.7
		Mongolia	1	32.0	41.5	1.8	119.3	17	157.9
		Republic of Korea						92	596.2
		Others						5	12.5
		Subtotal	1	32.0	41.9	106.8	1,261.0	483	4,126.4
	South Asia	Afghanistan						1	0.7
		Bangladesh	6	178.2	152.5	12.3	475.7	118	1,546.4
		Bhutan			0.0	0.1	4.5	2	5.8
		India	11	398.4	246.3	93.8	2,005.3	278	5,298.0
		Maldives				0.1	2.4	1	2.7
		Nepal			6.7	1.0	21.0	13	121.3
		Pakistan	1	2.7	7.4	26.4	605.6	87	817.5
		Sri Lanka	2	44.8	21.2	21.6	373.8	133	1,086.0
		Subtotal	20	624.1	434.1	155.3	3,488.1	633	8,878.4
		Central Asia and the Caucasus	Armenia				1.1	26.3	2
	Azerbaijan				6.1	2.2	77.4	4	101.2
	Georgia				1.6	0.3	23.6	3	27.5
	Kazakhstan					4.6	54.6	6	95.1
	Kyrgyz Republic					0.1	27.5	7	37.6
	Turkmenistan					0.2	2.2	1	4.5
	Uzbekistan				9.4	3.1	118.1	15	276.6
	Subtotal				17.0	11.6	329.7	38	574.3
	Total	35	1,126.3	741.1	600.3	9,840.0	2,794	28,771.9	
	Pacific	Fiji				0.1	0.6	1	2.3
Papua New Guinea				2.5	1.8	14.6	17	105.7	
Samoa				0.8	0.1	4.0	1	4.6	
Vanuatu				3.1		7.7	2	9.5	
Total				6.4	2.0	26.9	21	122.2	
North America and Latin America	Central America and the Caribbean	Costa Rica	1	26.0	5.5	1.9	26.7	7	102.2
		Dominican Republic				0.7	2.6	4	31.6
		El Salvador			0.3	1.8	13.9	7	56.8
		Guatemala			0.1	1.1	13.3	6	36.8
		Honduras			0.1		0.1	7	50.8
		Jamaica	1	1.7		1.1	2.4	10	55.1
		Mexico				0.4		9	205.4
		Nicaragua	1	4.9	0.2		1.0	5	27.5
		Panama				1.0	15.2	3	61.9
		Subtotal	3	32.6	6.2	8.0	75.1	58	628.0
	South America	Argentina				1.2	5.3	1	8.2
		Bolivia			0.0		0.2	9	111.0
		Brazil			2.4	9.6	80.5	20	331.3
		Chile						3	24.4
		Colombia						4	46.6
		Ecuador				1.0	3.7	7	63.8
		Paraguay			1.6	3.5	17.3	17	154.8
		Peru			4.8	52.8	46.5	48	421.6
		Uruguay						1	7.2
		Subtotal			8.9	68.1	153.4	110	1,168.8
Total	3	32.6	15.1	76.1	228.5	168	1,796.8		
Middle East	Algeria				0.1	1.0	8	13.9	
	Egypt	2	28.8	19.8	20.7	244.5	58	713.6	
	Iran				2.5	4.3	2	46.1	
	Iraq	3	78.8	61.1	3.8	331.6	27	683.0	
	Jordan			20.0	9.3	119.8	21	268.8	
	Lebanon				0.7	2.8	1	13.0	
	Morocco			14.9	9.1	140.4	37	311.6	
	Syria					44.0	4	138.6	
	Tunisia	1	36.7	10.4	8.3	72.3	42	341.2	
	Yemen					23.2	5	49.3	
	Total	6	144.3	126.2	54.4	983.9	205	2,579.2	

Region/Country		Commitments		Disbursements	Repayments	Outstanding	Accumulated		
		Number	Total	Total	Total	Total	Number	Total	
Africa	Angola					23.6	1	23.6	
	Benin						1	3.8	
	Botswana			0.6	0.5	2.4	5	22.0	
	Burkina Faso	1	5.7				1	5.7	
	Burundi						2	3.3	
	Cameroon	1	5.9	1.7		6.6	6	29.2	
	Cape Verde			0.7	0.1	9.0	3	25.9	
	Central African Republic						1	0.6	
	Côte d'Ivoire						3	23.1	
	Democratic Republic of the Congo						2	35.6	
	Eswatini (former Swaziland)				0.2	2.9	1	4.4	
	Ethiopia						3	9.2	
	Ghana						18	136.3	
	Guinea						4	16.0	
	Kenya	2	22.5	14.7	9.2	129.9	41	398.1	
	Liberia						1	4.0	
	Madagascar			1.0		1.0	6	55.9	
	Malawi						8	33.1	
	Mali						2	8.7	
	Mauritania						3	11.1	
	Mauritius				0.0	0.3	1.6	4	16.1
	Mozambique			11.1	0.1	24.2	6	70.4	
	Namibia				0.9	3.3	1	10.1	
	Niger						1	3.2	
	Nigeria				-0.0		8.3	4	63.4
	Rwanda	1	7.7	1.1		1.1	5	19.2	
	Senegal			4.2	0.0	9.3	6	51.4	
	Sierra Leone						1	2.0	
	Somalia					6.5	2	6.5	
	South Africa				0.1	0.3	3	14.1	
Sudan					7.8	4	10.5		
Tanzania			2.4	0.4	48.1	22	80.1		
Togo						3	9.3		
Uganda				3.0	0.0	17.8	6	47.7	
Zambia				0.5		3.5	8	46.5	
Zimbabwe						19.8	6	38.1	
Total	5	41.8	41.1	11.8	327.1	194	1,338.3		
Europe	Albania			1.8	0.3	10.8	4	18.1	
	Bosnia and Herzegovina			2.0	0.1	6.2	2	16.7	
	Bulgaria				1.6	18.6	6	77.0	
	Hungary						1	4.9	
	Moldova			0.0		5.7	1	5.9	
	Poland						1	21.4	
	Romania				3.4	50.5	5	118.2	
	Serbia				3.5	3.9	1	28.3	
	Slovakia				0.6	3.7	1	11.1	
	The Former Yugoslav Republic of Macedonia				0.5	5.8	1	9.7	
	Turkey			16.3	21.5	249.2	29	697.2	
	Ukraine			0.2	0.9	63.0	4	174.3	
	Total			23.7	29.1	417.5	56	1,182.8	
International Organizations, etc. Total	4	500.4	156.3	0.4	472.9	11	818.9		
Grand Total	53	1,845.4	1,109.9	774.2	12,296.8	3,449	36,610.0		

Note: Outstanding data show the managed credits and are calculated using a different method than figures calculated based on the Accounting Standards for Incorporated Administrative Agency.
The number and total amount do not include debt relief. The number does not include the commitments to provide additional loans.

11-1 Debt Rescheduling Based on Paris Club Agreements (FY2017)

(Unit: ¥1 million)

Country	Date of Paris Club Agreement	Date JICA Signed Rescheduling Agreement	Rescheduled Amount
Not applicable			

11-2 Debt Cancellation (FY2017)

(Unit: ¥1 million)

Country	Debt Cancellation Amount
Not applicable	

12-1 Principal Contractors under ODA Loans (FY2017 / Goods and Services / Contract Amount: over ¥1 billion)

Country	Project Name	Date of Loan Agreement	Contract Amount (¥1 million)	Contractors (Nationality) Note. Names of parties of a joint venture* are separated by slashes.
Cambodia	National Road No. 5 Improvement Project (Prek Kdam – Thlea Ma'am Section) (II)	2016.03.31	8,880	SUMITOMO MITSUI CONSTRUCTION CO., LTD. (Japan) / WORLD KAIHATSU KOGYO CO., LTD. (Japan)
	National Road No.5 Improvement Project (Prek Kdam – Thlea Ma'am Section) (II)	2016.03.31	8,962	SUMITOMO MITSUI CONSTRUCTION CO., LTD. (Japan) / WORLD KAIHATSU KOGYO CO., LTD. (Japan)
	National Road No.5 Improvement Project (Prek Kdam – Thlea Ma'am Section) (II)	2016.03.31	9,523	HANSHIN ENGINEERING & CONSTRUCTION CO., LTD. (Republic of Korea)
Laos	Nam Ngum 1 Hydropower Station Expansion Project	2013.06.21	1,399	VOITH FUJI HYDRO K.K. (Japan)
Myanmar	Infrastructure Development Project in Thilawa Area Phasel (II)	2015.06.30	2,829	MITSUI ENGINEERING & SHIPBUILDING CO., LTD. (Japan)
	Urgent Rehabilitation and Upgrade Project Phase I	2013.06.07	2,460	MARUBENI POWER SYSTEMS CORP. (Japan)
	Yangon-Mandalay Railway Improvement Project Phase I (I)	2014.09.05	1,351	SUMITOMO CORPORATION (Japan)
	Yangon-Mandalay Railway Improvement Project Phase I (I)	2014.09.05	2,010	BARONS & FUJIKURA EPC CO., LTD. (Myanmar)
	Yangon-Mandalay Railway Improvement Project Phase I (I)	2014.09.05	7,245	MARUBENI CORPORATION (Japan) / NIIGATA TRANSYS CO., LTD. (Japan)
	Greater Yangon Water Supply Improvement Project	2014.09.05	5,322	KUBOTA CONSTRUCTION CO., LTD. (Japan) / MARUBENI PROTECHS CORPORATION (Japan)
	Greater Yangon Water Supply Improvement Project	2014.09.05	1,202	TODA CORPORATION (Japan)
	Greater Yangon Water Supply Improvement Project	2014.09.05	5,743	POSCO ENGINEERING & CONSTRUCTION CO., LTD. (Republic of Korea) / KUBOTA CORPORATION. (Japan)
	Greater Yangon Water Supply Improvement Project	2014.09.05	5,316	ZHONG MEI ENGINEERING GROUP LTD (China) / AUTHENTIC CONSTRUCTION COMPANY LIMITED (Myanmar)
	Infrastructure Development Project in Thilawa Area Phase II	2014.09.05	4,028	TEKKEN CORPORATION (Japan)
Philippines	Capacity Enhancement of Mass Transit Systems in Metro Manila Project	2013.03.27	28,413	MITSUBISHI CORPORATION (Japan)
Viet Nam	North Nghe An Irrigation System Upgrading Project	2013.03.22	1,258	BACH DANG CONSTRUCTION CORPORATION (Viet Nam)
	Hanoi City Ring Road No.3 Construction Project (Mai Dich - South Thang Long Section)	2013.12.24	7,286	SUMITOMO MITSUI CONSTRUCTION CO., LTD. (Japan) / CIENCO4 GROUP JOINT STOCK COMPANY (Viet Nam)
	Hanoi City Ring Road No.3 Construction Project (Mai Dich - South Thang Long Section)	2013.12.24	6,051	TOKYU CONSTRUCTION CO., LTD. (Japan) / TAISEI CORPORATION (Japan)
	Second Ho Chi Minh City Water Environment Improvement Project (III)	2016.05.28	5,372	SONG DA 9 JOINT STOCK COMPANY (Viet Nam) / QUANG DAI VIET CONSTRUCTION TECHNIQUE COMPANY LIMITED (Viet Nam)
	Hai Phong City Environmental Improvement Project (II)	2009.03.31	2,771	VIET UC CORPORATION JSC (Viet Nam) / TRUONG SON CONSTRUCTION CORP. (Viet Nam) / BACH DANG IMPORT-EXPORT AND CONSTRUCTION JSC (Viet Nam) / BACH DANG CONSTRUCTION CORPORATION (Viet Nam)
Bangladesh	New Haripur Power Plant Development Project (II)	2009.03.01	1,820	MARUBENI CORPORATION (Japan)
	New Haripur Power Plant Development Project (II)	2009.03.01	1,705	MARUBENI POWER SYSTEMS CORP. (Japan)
	Karnaphuli Water Supply Project (Phase 2)	2013.03.10	1,115	YOKOGAWA SOLUTION SERVICE CORPORATION (Japan)
	Matarbari Ultra Super Critical Coal-Fired Power Project (I)	2014.06.16	638,582	IHI CORPORATION (Japan) / TOSHIBA CORPORATION (Japan) / SUMITOMO CORPORATION (Japan)
	Western Bangladesh Bridge Improvement Project	2015.12.13	2,160	MONICO LIMITED (Bangladesh)
	Western Bangladesh Bridge Improvement Project	2015.12.13	2,140	DIENCO LIMITED (Bangladesh)
	Western Bangladesh Bridge Improvement Project	2015.12.13	1,717	MONICO LIMITED (Bangladesh)
	Western Bangladesh Bridge Improvement Project	2015.12.13	7,260	MONICO LIMITED (Bangladesh) / CONCORD PRAGATEE CONSORTIUM LIMITED (Bangladesh)
	Western Bangladesh Bridge Improvement Project	2015.12.13	5,041	MIR AKHTER HOSSAIN LTD. (Bangladesh) / KOMAIHALTEC INC. (Japan)
	Dhaka Mass Rapid Transit Development Project (II)	2016.06.29	19,142	SINOHYDRO CORPORATION (China) / ITALIAN-THAI DEVELOPMENT PUBLIC COMPANY LIMITED (Thailand)
	Dhaka Mass Rapid Transit Development Project (II)	2016.06.29	51,265	ITALIAN-THAI DEVELOPMENT PUBLIC COMPANY LIMITED (Thailand)
	Dhaka Mass Rapid Transit Development Project (II)	2016.06.29	43,000	KAWASAKI HEAVY INDUSTRIES, LTD. (Japan) / MITSUBISHI CORPORATION (Japan)
India	Yamuna Action Plan Project (III)	2011.02.17	1,281	GYPNUM STRUCTURAL INDIA PVT. LTD. (India) / LUDWIG PFEIFFER HOCH-UND TIEFBAU GMBH & CO. KG (Germany)
	Tamil Nadu Transmission System Improvement Project	2012.09.28	1,877	NATIONAL CONTRACTING CO., LTD. (Saudi Arabia)
	Tamil Nadu Transmission System Improvement Project	2012.09.28	3,683	LARSEN & TOUBRO LTD. (India)
	Odisha Transmission System Improvement Project	2015.05.15	3,073	ANGELIQUE INTERNATIONAL LTD. (India)
	Odisha Transmission System Improvement Project	2015.05.15	1,220	STELMEC LIMITED. (India) / EMPOWERTRANS PRIVATE LIMITED (India)
	Odisha Transmission System Improvement Project	2015.05.15	3,599	TATA PROJECTS LTD. (India)
	Ahmedabad Metro Project (I)	2016.03.04	5,112	THE NIPPON SIGNAL CO., LTD. (Japan)
	Ahmedabad Metro Project (I)	2016.03.04	1,124	MITSUI & CO., LTD. (Japan)

Country	Project Name	Date of Loan Agreement	Contract Amount (¥1 million)	Contractors (Nationality) Note. Names of parties of a joint venture* are separated by slashes.
India	Ahmedabad Metro Project (I)	2016.03.04	4,364	LARSEN & TOUBRO LTD. (India)
	Ahmedabad Metro Project (I)	2016.03.04	17,947	HYUNDAI ROTEM COMPANY (Republic of Korea)
	Ahmedabad Metro Project (I)	2016.03.04	10,032	SIEMENS AG (Germany) / SIEMENS LTD. MUMBAI (India)
	Ahmedabad Metro Project (I)	2016.03.04	3,745	LARSEN & TOUBRO LTD. (India)
	Mumbai Trans-Harbour Link Project (I)	2017.03.31	129,331	LARSEN & TOUBRO LTD. (India) / IHI INFRASTRUCTURE SYSTEMS CO., LTD. (Japan)
	Mumbai Trans-Harbour Link Project (I)	2017.03.31	17,131	LARSEN & TOUBRO LTD. (India)
	Mumbai Trans-Harbour Link Project (I)	2017.03.31	95,146	DAEWOO ENGINEERING & CONSTRUCTION CO., LTD. (Republic of Korea) / TATA PROJECTS LTD. (India)
	Chennai Metro Project (V)	2017.03.31	6,934	SIMPLEX INFRASTRUCTURES LTD. (India)
	Chennai Metro Project (V)	2017.03.31	5,472	M/S NAGARJUNA CONSTRUCTION COMPANY LTD., HIDERABAD (India)
Sri Lanka	Habarana-Veyangoda Transmission Line Project	2012.03.28	2,584	SIEMENS LTD. (India)
	Anuradhapura North Water Supply Project Phase 1	2013.03.14	2,160	NCC LTD. (India) / SIERRA CONSTRUCTION LIMITED (Sri Lanka)
	New Bridge Construction Project over the Kelani River	2014.03.28	7,221	SUMITOMO MITSUI CONSTRUCTION CO., LTD. (Japan) / SANKEN CONSTRUCTION (PVT) LTD. (Sri Lanka)
	New Bridge Construction Project over the Kelani River	2014.03.28	23,276	TODA CORPORATION (Japan) / MITSUI ENGINEERING & SHIPBUILDING CO., LTD. (Japan) / JFE ENGINEERING CORPORATION (Japan)
Costa Rica	Metropolitan San Jose Environment Improvement Project	2006.03.31	1,787	SADE COMPAGNIE GENERALE DE TRAVAUX D'HYDRAULIQUE (France)
Brazil	Sanitation Improvement Project for Santa Catarina Coastal Region	2010.03.31	2,988	TRIX ENGENHARIA CIVIL LTDA (Brazil) / INFRACON ENGENHARIA E COMERCIO LTDA (Brazil)
	Environmental Improvement Project in the Basin Lake Billings	2010.10.14	3,071	CONSTRUCOES E COMERCIO CAMARGO CORREA S.A. (Brazil) / CAMARGO CORREA INFRAESTRUTURA S.A. (Brazil)
Paraguay	Eastern Region Export Corridor Improvement Project	2014.06.24	6,946	EMPRESA CONSTRUCTORA MINERA PARAGUAYA S.A. (Paraguay)
	Eastern Region Export Corridor Improvement Project	2014.06.24	5,267	BENITO ROGGIO E HIJOS S.A. (Paraguay)
	Eastern Region Export Corridor Improvement Project	2014.06.24	6,238	ILSUNG CONSTRUCTION CO. LTD. (Republic of Korea)
Peru	North Lima Metropolitan Area Water Supply and Sewerage Optimization Project (II)	2013.01.09	7,259	CONSTRUCTORA MPM S.A. (Peru) / IVC CONTRATISTAS GENERALES S.A. (Peru)
	Amazonas Rural Development Project	2013.01.09	1,116	INTERASEO SA ESP (Colombia) / TERMOTECNICA COINDUSTRIAL S.A.S. (Colombia)
	Amazonas Rural Development Project	2013.01.09	2,410	CONSTRUCTORA VALKO S.A. (Chile)
Egypt	Electricity Sector Rehabilitation and Improvement Project	2016.10.24	12,533	MH POWER SYSTEMS EGYPT (LLC) (Egypt)
Iraq	Hartha Thermal Power Station Rehabilitation Project (Phase 2)	2017.08.05	19,073	MITSUBISHI HITACHI POWER SYSTEMS LIMITED (Japan) / GAMA GUC SISTEMLERI MUHENDISLIK VE TAAHHUT A.S. (Turkey)
	Al-Mussaib Thermal Power Plant Rehabilitation Project	2008.01.25	3,484	BLACK SEA POWER GENERATING FZCO (United Arab Emirates)
	Khor Al-Zubair Fertilizer Plant Rehabilitation Project	2008.01.25	1,749	MITSUBISHI CORPORATION (Japan)
Tunisia	Gabes-Medenine Trans-Maghrebin Corridor Construction Project	2012.02.17	4,056	CHAABANE & CIE (Tunisia)
	Rades Combined Cycle Power Plant Construction Project	2014.07.17	37,889	SUMITOMO CORPORATION (Japan) / MITSUBISHI HITACHI POWER SYSTEMS LIMITED (Japan)
Cameroon	Batchenga - Lena Road Project	2015.03.28	9,177	ELEVLUTION ENGENHARIA S.A. (Portugal)
	Yaounde-Brazzaville International Corridor Development Project (Mintom-Lele Section)	2017.05.30	6,384	SINOHYDRO CORPORATION (China)
Kenya	Mwea Irrigation Development Project	2010.08.16	8,309	STRABAG INTERNATIONAL GMBH (Germany)
	Mombasa Port Development Project Phase 2	2015.03.09	7,179	TOYOTA TSUSHO CORPORATION (Japan)
	Mombasa Port Development Project Phase 2	2015.03.09	16,768	TOYO CONSTRUCTION CO., LTD. (Japan)
Madagascar	Toamasina Port Development Project	2017.03.23	3,657	PENTA OCEAN CONSTRUCTION CO., LTD. (Japan) / DAIHO CORPORATION (Japan)
Mozambique	Nacala Port Development Project Phase I	2013.03.07	25,076	PENTA OCEAN CONSTRUCTION CO., LTD. (Japan) / TOA CORPORATION (Japan)
	Mandimba-Lichinga Road Upgrading Project	2013.11.29	4,635	SINOHYDRO CORPORATION (Mozambique)
Rwanda	Rusumo-Kayonza Road Improvement Project	2016.07.13	5,936	CHINA ROAD AND BRIDGE CORPORATION (China) / NPD LTD (Rwanda)
Tanzania	Iringa-Shinyanga Backbone Transmission Investment Project	2010.12.13	5,637	KEC INTERNATIONAL LTD. (India)
	Kenya-Tanzania Power Interconnection Project	2016.01.15	4,186	CONSORTIUM ENERGOINVEST & EMC LTD (Bosnia and Herzegovina)
Serbia	Flue Gas Desulfurization Construction Project for Thermal Power Plant Nikola Tesla	2011.11.24	24,932	CONSORTIUM OF MITSUBISHI HITACHI POWER SYSTEMS (Japan) / ITOCHU CORPORATION (Japan) / MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH (Germany) / MPP JEDINSTVO AD SEVOJNO (Serbia)

*A joint venture is a contractual agreement that joins two or more parties for the purpose of executing a particular contract and "jointly and severally" responsible for execution of the whole contract.

12-2 Principal Contractors under ODA Loans (FY2017 / Consulting Services / Contract Amount: over ¥100 million)

Country	Project Name	Date of Loan Agreement	Contract Amount (¥1 million)	Contractors (Nationality) Note. Names of parties of a joint venture* are separated by slashes.
Indonesia	Metropolitan Sanitation Management Investment Program: Engineering Service for Sewerage System Development in DKI Jakarta	2014.02.24	1,212	PT. KWARSA HEXAGON (Indonesia) / PT.REKADESINDO MANDIRI (Indonesia) / PT. DWIKARSA ENVACOTAMA (Indonesia) / YACHIYO ENGINEERING CO., LTD. (Japan)
	Construction of Jakarta Mass Rapid Transit Project (II)	2015.12.04	1,792	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION CO., LTD. (Japan) / PACIFIC CONSULTANTS CO., LTD (Japan) / CHODAI CO., LTD. (Japan) / PT. DARDELA YASA GUNA (Indonesia) / PT. RAYAKONSULT (Indonesia) / PT. LAPI GANESHATAMA CONSULTING (Indonesia) / PT. ORIENTAL CONSULTANT INDONESIA (Indonesia)
Laos	Vientiane Capital Water Supply Expansion Project	2016.03.23	1,084	SMEC INTERNATIONAL PTY LTD. (Australia) / ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan)
Myanmar	Power Distribution Improvement Project in Yangon Phase I	2015.06.30	560	JERA CO., INC. (Japan) / NIPPON KOEI CO., LTD. (Japan)
	Yangon Circular Railway Line Upgrading Project	2015.10.16	1,891	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION CO., LTD. (Japan) / NIPPON KOEI CO., LTD. (Japan)
	National Power Transmission Network Development Project Phase II	2015.10.16	1,026	NEWJEC INC. (Japan) / KANSAI ELECTRIC POWER CO., INC. (Japan)
	Bago River Bridge Construction Project	2017.03.01	1,473	NIPPON KOEI CO., LTD. (Japan) / ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / METROPOLITAN EXPRESSWAY COMPANY LIMITED (Japan) / NIPPON ENGINEERING CONSULTANT CO., LTD. (Japan) / CHODAI CO., LTD. (Japan) / MYANMAR KOEI INTERNATIONAL LTD. (Myanmar)
Philippines	Metro Manila Interchange Construction Project (Phase VI)	2015.03.26	386	CENTRAL CONSULTANT INC. (Japan) / LANDTEC JAPAN INC. (Japan) / DESIGN SCIENCE INC. (Philippines)
	Flood Risk Management Project for Cagayan de Oro River	2015.03.26	878	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / YACHIYO ENGINEERING CO., LTD. (Japan)
	Metro Manila Priority Bridges Seismic Improvement Project	2015.08.25	454	CTI ENGINEERING INTERNATIONAL CO., LTD. (Japan) / CHODAI CO., LTD. (Japan)
	Davao City Bypass Construction Project (South and Center Sections)	2015.08.25	449	NIPPON KOEI CO., LTD. (Japan) / NIPPON ENGINEERING CONSULTANTS CO., LTD. (Japan) / KATAHIRA & ENGINEERS INTERNATIONAL (Japan)
	North - South Commuter Railway Project (Malolos - Tutuban)	2015.11.27	14,185	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / KATAHIRA & ENGINEERS INTERNATIONAL (Japan) / TONICHI ENGINEERING CONSULTANTS, INC. (Japan) / PACIFIC CONSULTANTS CO., LTD. (Japan) / NIPPON KOEI CO., LTD. (Japan)
Viet Nam	Hanoi City Ring Road No. 3 Construction Project (Mai Dich - South Thang Long Section)	2013.12.24	895	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / KATAHIRA AND ENGINEERS INTERNATIONAL (Japan) / ORIENTAL CONSULTANTS CO., LTD. (Japan) / TRANSPORT ENGINEERING DESIGN INCORPORATION (Viet Nam)
Bangladesh	Urban Building Safety Project	2015.12.13	1,544	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / DAIKEN SEKKEI, INC. (Japan)
	Energy Efficiency and Conservation Promotion Financing Project	2016.06.29	673	SODEV CONSULT (Bangladesh) / ERNST & YOUNG LLP (India) / EY SHINNIHON LLC (Japan)
	Hazrat Shahjalal International Airport Expansion Project (I)	2017.06.29	7,921	DEVELOPMENT DESIGN CONSULTANTS LIMITED (Bangladesh) / ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / NIPPON KOEI CO., LTD. (Japan) / CPG CONSULTANTS PTE LTD (Singapore)
India	Campus Development Project of Indian Institute of Technology, Hyderabad	2014.01.28	724	M/S. TATA CONSULTING ENGINEERS LIMITED (India)
	Bihar National Highway Improvement Project (Phase 2)	2014.01.30	644	INTERCONTINENTAL CONSULTANTS AND TECHNOCRATS PVT. LTD. (India) / RODIC CONSULTANTS PVT. LTD. (India)
	Project for Pollution Abatement of River Mula-Mutha in Pune	2016.01.13	828	PELL FRISCHMANN CONSULTANTS LIMITED (United Kingdom) / FRISCHMANN PRABHU INDIA PVT. LTD. (India) / NJS ENGINEERS INDIA PVT. LTD. (India)
	Jharkhand Horticulture Intensification by Micro Drip Irrigation Project	2016.03.31	247	NIPPON KOEI INDIA PVT. LTD. (India) / NIPPON KOEI CO., LTD. (Japan)
	Mumbai Trans-Harbour Link Project (I)	2017.03.31	4,404	AECOM ASIA COMPANY LTD. (Hong Kong) / PADECO CO., LTD. (Japan) / DAR AL HANDASAH CONSULTANTS (Lebanon) / T. Y. LIN INTERNATIONAL (United States of America)
	Project for the Construction of Training Institute for Mumbai-Ahmedabad High Speed Rail	2017.09.15	363	JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION (JIC) (Japan) / ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / NIPPON KOEI CO., LTD. (Japan)
Nepal	Emergency Housing Reconstruction Project	2015.12.21	906	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan)
Uzbekistan	Electric Power Sector Capacity Development Project	2015.01.27	402	ELECTRICITE DE FRANCE (EDF) (France) / EGIS INDUSTRIES (France)
El Salvador	San Miguel Bypass Construction Project	2014.08.20	1,374	NIPPON KOEI CO., LTD. (Japan) / NIPPON KOEI LATIN AMERICA-CARIBBEAN CO., LTD. (Japan)

Country	Project Name	Date of Loan Agreement	Contract Amount (¥1 million)	Contractors (Nationality) Note. Names of parties of a joint venture* are separated by slashes.
Egypt	Borg El Arab International Airport Extension Project	2016.02.29	1,758	JAPAN AIRPORT CONSULTANTS, INC. (Japan)
	Hurghada Photovoltaic Power Plant Project	2016.02.29	770	ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan) / KYUSHU ELECTRIC POWER CO., INC. (Japan)
Iraq	Hartha Thermal Power Station Rehabilitation Project (Phase 2)	2017.08.05	1,334	NIPPON KOEI CO., LTD. (Japan)
Morocco	Oceanographic and Fishery Research Vessel Construction Project	2017.01.16	284	OAFIC-JMS-FBSEA (Japan)
Madagascar	Toamasina Port Development Project	2017.03.23	4,861	ECOH CORPORATION (Japan) / ORIENTAL CONSULTANTS GLOBAL CO., LTD. (Japan)
Rwanda	Rusumo-Kayonza Road Improvement Project	2016.07.13	146	JV AIC PROGETTI S.P.A. (Italy) / HYCOGEC CONSULTANT LTD (Rwanda)
Senegal	Mamelles Sea Water Desalination Project	2016.11.15	1,733	NIPPON KOEI CO., LTD. (Japan)
Ukraine	Bortnychi Sewage Treatment Plant Modernization Project	2015.06.15	4,355	NIHON SUIKO SEKKEI CO., LTD. (NSS) (Japan) / TEC INTERNATIONAL CO., LTD. (Japan) / NIPPON KOEI CO., LTD. (Japan)

*A joint venture is a contractual agreement that joins two or more parties for the purpose of executing a particular contract and "jointly and severally" responsible for execution of the whole contract.

13-1 Terms and Conditions of ODA Loans (Effective from October 16, 2017)

Category	GNI Per Capita (2016)	Terms	Fixed/Floating	Standard/Option	Interest Rate (%)	Repayment Period (Years)	Grace Period (Years)	Conditions for Procurement
Low-Income Least Developed Countries* (-US\$ 1,005)					0.01	40	10	Untied
Least Developed Countries or Low-Income Countries (-US\$ 1,005)	-	STEP**	Fixed	Standard	0.10	40	12	Tied
		Preferential Terms for High Specification***	Fixed	Standard	0.25	30	10	Untied
				Option 1	0.20	25	7	
				Option 2	0.15	20	6	
				Option 3	0.10	15	5	
		Preferential Terms****	Floating*****	Longer option	¥ LIBOR +35bp	40	12	Untied
				Standard	¥ LIBOR +25bp	30	10	
				Option 1	¥ LIBOR +20bp	25	7	
				Option 2	¥ LIBOR +15bp	20	6	
			Fixed	Option 3	¥ LIBOR +10bp	15	5	
				Standard	0.90	30	10	
				Option 1	0.75	25	7	
				Option 2	0.60	20	6	
		General Terms	Floating*****	Option 3	0.40	15	5	Untied
				Longer option	¥ LIBOR +45bp	40	12	
				Standard	¥ LIBOR +35bp	30	10	
				Option 1	¥ LIBOR +30bp	25	7	
			Fixed	Option 2	¥ LIBOR +25bp	20	6	
				Option 3	¥ LIBOR +20bp	15	5	
				Standard	1.00	30	10	
Option 1	0.85			25	7			
Lower-Middle-Income Countries	US\$ 1,006 - US\$ 3,955	STEP**	Fixed	Standard	0.10	40	12	Tied
		Preferential Terms for High Specification***	Fixed	Standard	0.50	30	10	Untied
				Option 1	0.45	25	7	
				Option 2	0.40	20	6	
				Option 3	0.35	15	5	
		Preferential Terms****	Floating*****	Longer option	¥ LIBOR +85bp	40	12	Untied
				Standard	¥ LIBOR +65bp	30	10	
				Option 1	¥ LIBOR +55bp	25	7	
				Option 2	¥ LIBOR +45bp	20	6	
			Fixed	Option 3	¥ LIBOR +35bp	15	5	
				Standard	1.30	30	10	
				Option 1	1.10	25	7	
				Option 2	0.90	20	6	
		General Terms	Floating*****	Option 3	0.65	15	5	Untied
				Longer option	¥ LIBOR +105bp	40	12	
				Standard	¥ LIBOR +85bp	30	10	
				Option 1	¥ LIBOR +75bp	25	7	
			Fixed	Option 2	¥ LIBOR +65bp	20	6	
				Option 3	¥ LIBOR +55bp	15	5	
				Standard	1.50	30	10	
Option 1	1.30			25	7			
		Option 2	1.10	20	6			
		Option 3	0.85	15	5			

Category	GNI Per Capita (2016)	Terms	Fixed/Floating	Standard/Option	Interest Rate (%)	Repayment Period (Years)	Grace Period (Years)	Conditions for Procurement
Upper-Middle-Income Countries	US\$ 3,956 – US\$ 12,235	Preferential Terms for High Specification***	Fixed	Standard	0.70	30	10	Untied
				Option 1	0.65	25	7	
				Option 2	0.60	20	6	
				Option 3	0.55	15	5	
		Preferential Terms****	Floating*****	Longer option	¥ LIBOR +105bp	40	12	
				Standard	¥ LIBOR +85bp	30	10	
				Option 1	¥ LIBOR +75bp	25	7	
				Option 2	¥ LIBOR +65bp	20	6	
			Fixed	Option 3	¥ LIBOR +55bp	15	5	
				Standard	1.50	30	10	
				Option 1	1.30	25	7	
				Option 2	1.10	20	6	
		General Terms	Floating*****	Option 3	¥ LIBOR +75bp	15	5	
				Longer option	¥ LIBOR +125bp	40	12	
				Standard	¥ LIBOR +105bp	30	10	
				Option 1	¥ LIBOR +95bp	25	7	
			Fixed	Option 2	¥ LIBOR +85bp	20	6	
				Standard	1.70	30	10	
				Option 1	1.50	25	7	
				Option 2	1.30	20	6	
Option 3	1.05	15	5					
Consulting Services	For consulting services, the interest rate will be minimal (0.01%) and the repayment, grace periods and conditions for procurement will be the same as those for main components.							
Options for Program Type Japanese ODA Loans	In case of co-financing, it is possible to apply the same repayment terms as co-financer's lending while maintaining the concessionality of Yen loans.							

* For Low-Income LDCs, the term and condition of 0.01% interest rate and 40-year repayment period including 10-year grace period are applied, irrespective of sectors and fields. Three-year transition period will be granted to recipient countries that will move from the category of Low-Income LDCs, and, during the period, the terms and conditions for Low-Income LDCs will be applied to the projects of the countries.

** Special Terms for Economic Partnership (STEP) is extended to the projects for which Japanese technologies and know-how are substantially utilized, based on the recipient countries' request to utilize and transfer excellent technologies of Japan. Countries (except LDCs), which are eligible for tied aid under Arrangement on Officially Supported Export Credits issued by OECD, are eligible for STEP terms.

*** Preferential Terms for High Specification will be applicable to projects promoting quality infrastructure. The applicability of the terms will be decided on a case-by-case basis.

**** Preferential Terms are applied to the following sectors and fields:

- (i) Issues on Global Environmental and Climate Change
- (ii) Health and Medical Care and Services
- (iii) Disaster Prevention and Reduction
- (iv) Human Resource Development

***** The base rate of Floating Loan is the value of the 6-month Japanese Yen LIBOR, and the fixed spread remains constant over the life of the loan. If the base rate plus fixed spread is lower than 0.1%, the interest shall be 0.1%.

***** Irrespective of the income category, the term and condition of 0.01% interest rate and 40-year repayment period including 10-year grace period are applied to projects assisting recoveries from disasters, including Stand-by Emergency Credit for Urgent Recovery (SECURE). For Stand-by Emergency Credit for Urgent Recovery (SECURE), the term and condition of 20-year repayment period including 6-year grace period, or 15-year repayment period including 5-year grace period are also available, in order to apply Currency Conversion Option.

***** For Contingent Credit Enhancement Facility for PPP Infrastructure Development (CCEF-PPP), only floating rate will be applied irrespective of income category. The terms on conditions are individually set within the following range of interest rate as well as repayment period (in the case of short term financial support, however, the repayment period is 10 years).

- Interest rate: ¥LIBOR + 30~50bp
- Repayment period: maximum 40-year(maximum 30-year drawdown period plus 10 year)

Note:

· For countries complying with ongoing IMF-supported programs or receiving grants from IDA, it is possible to modify the terms and conditions of the ODA Loans so as to meet the IMF's concessionality criteria.

· For General terms and Preferential terms, fixed interest rate for all countries (except Low-Income LDCs) will be revised on a regular basis so that its concessionality will be equal to that of Floating interest rate.

· For Upper-Middle-Income Countries, Floating Term will be applied in principle, although Fixed Term could be applied.

[Reference] Potential Loan Recipient Countries Classified by Income Categories (Revised in April 2018)

Category	GNI Per Capita	
Low-Income Least Developed Countries (–US\$ 1,005)		Afghanistan, Benin, Burkina Faso, Burundi, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Liberia, Madagascar, Malawi, Mali, Mozambique, Nepal, Niger, Rwanda, Senegal, Sierra Leone, Somalia, South Sudan, Tanzania, Togo, Uganda
Least Developed Countries or Low-Income Countries (–US\$ 1,005)		Angola, Bangladesh, Bhutan, Cambodia, Djibouti, Kiribati, Laos, Lesotho, Mauritania, Myanmar, Sao Tome and Principe, Solomon Islands, Sudan, Timor-Leste, Tuvalu, Vanuatu, Yemen, Zambia, Zimbabwe
Lower-Middle-Income Countries	US\$ 1,006 – US\$ 3,955	Armenia, Bolivia, Cameroon, Cape Verde, Republic of Congo, Côte d'Ivoire, Egypt, El Salvador, Eswatini (former Swaziland), Georgia, Ghana, Guatemala, Honduras, India, Indonesia, Jordan, Kenya, Kosovo, Kyrgyz Republic, Micronesia, Moldova, Mongolia, Morocco, Nicaragua, Nigeria, Pakistan, Papua New Guinea, Philippines, Sri Lanka, Syria, Tajikistan, Tunisia, Ukraine, Uzbekistan, Viet Nam
Upper-Middle-Income Countries	US\$ 3,956 – US\$ 12,235	Albania, Algeria, Argentina, Azerbaijan, Belarus, Belize, Bosnia and Herzegovina, Botswana, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, Equatorial Guinea, Fiji, Gabon, Grenada, Guyana, Iran, Iraq, Jamaica, Kazakhstan, Lebanon, Libya, Macedonia, Malaysia, Maldives, Marshall Islands, Mauritius, Mexico, Montenegro, Namibia, Panama, Paraguay, Peru, Samoa, Serbia, South Africa, St. Lucia, St. Vincent and the Grenadines, Suriname, Thailand, Tonga, Turkmenistan, Turkey

1 Sectors and Fields Eligible for Preferential Terms

- Global Environmental and Climate Change
- Human Resource Development
- Disaster Prevention and Reduction
- Health and Medical Care and Services

[Note] 1. To promote the strategic use of ODA loans for priority issues, assistance for which makes use of Japan's outstanding technology and know-how, JICA reviewed sectors to which preferential terms of assistance are applied in accordance with an announcement made on an improvement in policies to encourage the strategic use of ODA Loans by the Ministry of Foreign Affairs on April 15, 2013.
 2. In cases where a part of the project is eligible for preferential terms, the terms can be applied to that part.

2 Enhancement Use of Assistance for Upper-Middle-Income Countries and Uppermost-Middle-Income Countries

JICA promotes its use of ODA Loans in upper-middle-income countries and uppermost-middle-income countries, primarily in fields where Japan's knowledge and technology can be put to good use.

For upper-middle-income countries, besides the current six fields of application (environment, human resource development, measures to reduce disparities, disaster prevention and recovery measures, regional infrastructure and agriculture), JICA will provide ODA Loans for other areas that have strategic significance for Japan, such as making maximum use of Japan's knowledge and technology.

Uppermost-middle-income countries will be eligible for ODA Loans if projects are considered to have strategic significance for Japan until they graduate from being eligible for World Bank assistance (normally about five years).

3 Special Term for Economic Partnership (STEP)

Overview

Special Terms for Economic Partnership (STEP) was introduced in July 2002, with a view to raising the visibility of Japanese ODA among citizens in both recipient countries and Japan through best use of advanced technologies and know-how of Japanese firms.

STEP Recipient Countries

Countries eligible for Japanese ODA loans and tied aid under the OECD rules.

STEP-Eligible Projects

(1) Projects eligible for STEP are those listed in following sectors and fields; (2) and at the same time, for which Japanese technologies and equipment are substantially utilized.

Sectors and Fields

- Bridges and Tunnels
- Trunk roads/Dams (limited to projects that substantially utilize Japanese anti-earthquake technology, ground treatment technology and rapid construction technology)
- Ports
- Airports
- Urban mass transit system
- Oil/Gas transmission and storage facilities
- Urban flood control projects
- Communications/Broadcasting/Public information system
- Power stations/Power transmission and distribution lines
- Environmental Projects (limited to projects that substantially utilize Japan's air-pollution prevention technology, water-pollution prevention technology, waste treatment and recycling technology and waste heat recycling and utilization technology)
- Medical equipment
- Disaster-prevention system/equipment

Even if a project does not fall into the sectors and fields listed above, application of STEP to the project could be positively considered as long as the project substantially utilizes Japanese technologies and/or equipment.

Interest Rates and Repayment Period

Interest rates and repayment periods are set so as to enable the extension of tied aid under OECD rules.

Procurement Conditions

Primary contracts are tied to Japanese firms, while subcontracts are generally untied. Joint ventures with recipient countries are accepted for primary contracts, on condition that the Japanese firm is the leading partner.

Coverage Ratio

STEP loans may be used to finance up to 100% of the total project cost.

Country of Origin Rule

Not less than thirty percent (30%) of the total price of contract(s) (excluding consulting services) financed by a STEP loan shall be accounted for by either (i) goods from Japan and services provided by a Japanese company(ies), or (ii) goods from Japan only, depending on the nature of the project.

	Category	Examples
(a)	Projects in which advanced technologies and/or know-how of Japanese companies are identified in services (e.g. construction methods, etc).	Tunnels, ports, concrete bridges, trunk roads, dams, sewerage systems, urban underground headrace tunnels, public information systems, hydroelectric power, and geothermal power, etc.
(b)	Projects, which consists mainly of the installation of goods or plants and in which Japanese technologies can be identified in such goods or plants.	Communications/broadcasting facilities, wind/solar/thermal power generation, oil/gas transmission and storage facilities, waste treatment sites, waste incineration plants, steel bridges, urban mass transit systems, urban flood control projects, power transmission and distribution line, etc.

Procurement Audits

The procurement process is audited by a third party after bidding to ensure fairness, utilizing loan funds or JICA research expenses.

Note: Please refer to page 27 for the classification of principal country income levels.

13-2 Tying Status of ODA Loans (Commitment Basis)

(Unit: %)

	FY2013	FY2014*3	FY2015	FY2016	FY2017*5
General Untied	78.1	85.2	58.2*4	90.9	80.1
Partially Untied*1	4.7*2	3.7	1.7	0.0	2.6*6
Bilateral Tied	1.1	0.0	0.0	0.0	0.0
Tied	16.2	11.1	40.1	9.1	17.3*7

General Untied: Procurement conditions stipulating that associated goods and services may be procured in substantially all countries.

Partially Untied: Procurement conditions stipulating that Japan and all countries on the DAC list of ODA recipients (Part 1 and Part 2) are eligible source countries.

Bilateral Tied: Procurement conditions stipulating that only Japan and borrowing countries are eligible source countries.

Tied: Procurement conditions stipulating that only Japan is a procurement-eligible source country.

Note:

*1 International competitive bidding by participating countries and member countries as stipulated in the Agreement for the establishment of the African Development Bank (AfDB) and by member countries as stipulated in the Agreement for the establishment of the Inter-American Development Bank (IDB).

*2 Includes the partially untied component of the project whose L/A amount was increased (compound project).

*3 "Loan for International Development Association Seventeenth Replenishment" for IDA does not include procurement and is therefore excluded.

*4 Includes increase in amount committed according to amendment of L/A.

*5 "Loan for the International Development Association 18 Replenishment" for IDA, "The African Development Fund Fourteenth Replenishment" for ADF, "Loan for MENA Financing Initiative" for IBRD do not include procurement and are therefore excluded.

*6 Regarding "Energy Management and Efficiency Programme" in Jamaica, IDB member countries and countries designated by the EU are eligible source countries.

*7 Includes "Project for the Construction of Training Institute for Mumbai-Ahmedabad High Speed Rail" in India.

13-3 Nationalities of Contractors (Including Procurement in Local Currency)

(Unit: %)

	FY2013	FY2014	FY2015	FY2016	FY2017
Japan	20.6	17.6	27.1	33.2	44.7
Developed Countries	13.3	11.4	7.0	6.4	7.9
Developing Countries, etc.	21.1	23.5	22.6	12.0	47.4
Developing Countries, etc. (Local Currencies)	45.0	47.5	43.3	48.4	—
Total	100.0	100.0	100.0	100.0	100.0

Note 1: Developed countries: Countries/regions that are not on the DAC List of ODA Recipients

Developing countries, etc.: Countries on the DAC List of ODA Recipients

Note 2: Totals may not equal 100 because of rounding.

Note 3: Saudi Arabia was classified as "other countries" among "Developing Countries, etc." in annual reports until FY2016. However, as the country has not been on the DAC List of ODA Recipients since 2013, classification has been revised to "Developed Countries" retroactive to FY2013, and therefore figures for FY2013, in which the country had procurement records, are different from past annual reports.

Note 4: Until FY2016, procurement in local currency was classified as "Developing Countries, etc. (Local Currencies)," not "Japan/Developed countries/Developing countries." From FY2017, these expenses are classified according to the nationality of the supplier. Figures for FY2017 using classification applied before and in FY2016 are shown at right.

	FY2017
Japan	32.2
Developed Countries	5.5
Developing Countries, etc.	14.5
Developing Countries, etc. (Local Currencies)	47.7
Total	99.9

13-4 Nationalities of Contractors (Including Procurement in Local Currency, Excluding Program Type ODA Loans and other ODA Credits)

(Unit: %)

	FY2013	FY2014	FY2015	FY2016	FY2017
Japan	21.2	18.4	27.6	34.3	48.9
Developed Countries	10.8	7.3	5.4	3.6	8.7
Developing Countries, etc. (Foreign Currencies)	21.6	24.4	23.0	12.3	42.3
Developing Countries, etc. (Local Currencies)	46.3	49.8	44.0	49.9	—
Total	99.9	99.9	100.0	100.1	99.9

Note 1: Developed countries: Countries/regions that are not on the DAC List of ODA Recipients

Developing countries, etc.: Countries on the DAC List of ODA Recipients

Note 2: Totals may not equal 100 because of rounding.

Note 3: Saudi Arabia was classified as "other countries" among "Developing Countries, etc." in annual reports until FY2016. However, as the country has not been on the DAC List of ODA Recipients since 2013, classification has been revised to "Developed Countries" retroactive to FY2013, and therefore figures for FY2013, in which the country had procurement records, are different from past annual reports.

Note 4: Until FY2016, procurement in local currency was classified as "Developing Countries, etc. (Local Currencies)," not "Japan/Developed countries/Developing countries." From FY2017, these expenses are classified according to the nationality of the supplier. Figures for FY2017 using classification applied before and in FY2016 are shown at right.

	FY2017
Japan	35.3
Developed Countries	6.0
Developing Countries, etc. (Foreign Currencies)	15.9
Developing Countries, etc. (Local Currencies)	42.8
Total	100.0

13-5 Nationalities of Contractors (Foreign Currency Only, Excluding Program Type ODA Loans and other ODA Credits)

(Unit: %)

	FY2013	FY2014	FY2015	FY2016	FY2017
Japan	39.5	36.7	49.3	68.3	67.0
Developed Countries	20.1	14.6	9.6	7.2	11.4
Developing Countries, etc. (Foreign Currencies)	40.3	48.7	41.1	24.5	21.5
Total	99.9	100.0	100.0	100.0	99.9

Note 1: Developed countries: Countries/regions that are not on the DAC List of ODA Recipients

Developing countries, etc.: Countries on the DAC List of ODA Recipients

Note 2: Totals may not equal 100 because of rounding.

Note 3: Saudi Arabia was classified as "other countries" among "Developing Countries, etc." in annual reports until FY2016. However, as the country has not been on the DAC List of ODA Recipients since 2013, classification has been revised to "Developed Countries" retroactive to FY2013, and therefore figures for FY2013, in which the country had procurement records, are different from past annual reports.

Note 4: From FY2017, the method of calculating procurement in foreign currency has been modified. Figures for FY2017 using the calculation method applied previously and in FY2016 are shown at right.

	FY2017
Japan	61.7
Developed Countries	10.5
Developing Countries, etc. (Foreign Currencies)	27.8
Total	100.0

14-1 Technical Cooperation Projects (R/D Newly Signed in FY2017)

Region/Country	Project Name	Signing Date of Record of Discussion
Asia		
Cambodia	The Project for Rice Seed Production and Distribution	2017.04.28
	The Project for Strengthening Engineering Education and Research for Industrial Development in Cambodia	2017.09.26
	The Project for Improving the Logistics System of Cambodia	2017.11.14
Indonesia	Project of Capacity Development for the Implementation of Agricultural Insurance	2017.04.05
	Project for Capacity Development for Land Appropriation System Improvement in Indonesia	2017.05.24
	Project for Strengthening the Capacity for Social Insurance Operation	2017.06.16
	Project on Nationwide Capacity Development of Police Officers for POLMAS-Indonesian Civilian Police Activities Phase 2	2017.07.11
	Project of Capacity Development for the Implementation of Climate Change Strategies (2nd Phase)	2018.01.25
Laos	Clean Agriculture Development Project	2017.05.23
	Project for Capacity Enhancement for Sustainable World Heritage Management and Preservation in Luang Prabang	2017.10.09
	Project for Sustainable Development and Quality Assurance of Health Care Professionals	2017.12.07
	The Project for Improvement of Management Capacity of Water Supply Sector (MaWaSU 2)	2017.12.26
	The Project for Promoting Development and Strengthening of the Rule of Law in the Legal Sector of Lao P.D.R	2018.03.27
Myanmar	The Project for Improvement on Accessibility of Rice Certified Seed	2017.06.22
	Project for Enhancement of Sign Language Support Service	2017.08.31
	The Project for Capacity Development of Legal, Judicial and Relevant Sectors in Myanmar (Phase 2)	2017.09.13
	Project of Myanmar-Japan Center for Human Resources Development Phase 2	2017.10.23
	Project for Capacity Building for Sustainable Natural Resource Management	2017.12.29
	Project for Rural Health Development through Strengthening Basic Health Services	2018.01.10
	The Project for Human Resource Development of Medical Engineering	2018.01.10
	Project on Capacity Development and Promotion of Networking on Assisting Victims of Trafficking	2018.02.21
Project for Quality Improvement in TVET Program	2018.03.15	
Philippines	The Project for Capacity Development on Improving Solid Waste Management through Advanced/Innovative Technologies	2017.11.07
	Project for Introducing Evidence-based Relapse Prevention Programs to Drug Dependence Treatment and Rehabilitation Centers in the Philippines	2017.12.20
Thailand	Project for Community-based Entrepreneurship Promotion	2017.05.23
	Project on Seamless Health and Social Services Provision for Elderly Persons	2017.09.28
	ASEAN University Network / Southeast Asia Engineering Education Development Network (AUN/SEED-Net) Project Phase 4	2018.02.08
Viet Nam	Project for Capacity Development of the Office of the National Assembly of Vietnam-Phase 2	2017.06.02
	Project for Strengthening the Operation of Hotline for Counseling and Supporting Trafficked Survivors	2017.07.26
	Project to Build Professional and Efficient State Operation for Improvement Business Environment	2017.07.27
Mongolia	Project for Capacity Development to Establish a National GHG Inventory Cycle of Continuous Improvement	2017.06.27
	Project for Strengthening the Government Capacity of Public Investment Plan	2017.11.03
Bangladesh	The Project for Skill's Development of ICT Engineers Targeting Japanese Market	2017.05.21
	Project for Strengthening Health Systems through Organizing Communities	2017.05.28
	Project for Security Improvement of International Airports	2017.07.30
	National Integrity Strategy Support Project Phase 2	2017.11.09
	Project for Improvement of Technical Education for Industrial Human Resources Development	2017.11.09
The Project for Strengthening Crime Prevention Capacity of Bangladesh Police	2017.11.30	
Bhutan	Project for Development of Business Continuity Plan (BCP) for Disaster Control	2017.12.20
Nepal	The Project for Capacity Development in Operation and Maintenance of Aviation Safety Equipment	2017.08.16
	Project on Capacity Development of KUKL to Improve Overall Water Supply Service in Kathmandu Valley	2018.02.01
Pakistan	The Project for Capacity Building & Strengthening of Thermal Power Generation Operation & Maintenance	2017.05.22
	The Project for Developing Effective Phasing Out Strategy/Program of Inefficient Appliances to Support Energy Standards & Labeling Regime	2017.08.30
Sri Lanka	The Project for Strengthening Education for Children with Special Needs through Inclusive Education Approach in Sri Lanka	2017.11.23
Kazakhstan	Project for Human Resource Development on Kazakhstan's Official Development Assistance System	2017.06.14
Uzbekistan	Project for the Prevention and Control of Non-Communicable Disease	2017.06.28
Pacific		
Fiji	Project for Improvement of Health Services through 5S-KAIZEN-TQM	2017.08.24
Papua New Guinea	The Project for Enhancing Capacity to Develop a Sustainable GHG Inventory System for PNG	2017.04.24
	Capacity Development Project in Resource Related Revenue Management in Papua New Guinea	2017.11.30

Region/Country	Project Name	Signing Date of Record of Discussion
North America and Latin America		
El Salvador	Project for Strengthening of Local Capacity to Promote Local Development with the Life Improvement Approach in the Eastern Region	2017.08.28
Mexico	Project for Automotive Cluster Promotion in Mexico	2017.05.26
Nicaragua	Project for Strengthening Municipal Management for Local Development Phase 2	2017.09.06
Argentina	Project on KAIZEN Technical Assistance Network for Global Opportunities (KAIZEN TANGO)	2017.07.24
Chile	Institutional Strengthening of ONEMI for Capacity Development in Disaster Risk Reduction Project	2017.11.06
Ecuador	Project for Safe and Resilient Cities for Earthquake and Tsunami Disaster	2017.04.11
Paraguay	Project for Improving Safety of Agricultural Exports for Small-Scale Farmers	2017.09.20
Middle East		
Egypt	Project for Quality Improvement of Hospitals	2017.09.24
Iran	Project for Capacity Development on Integrated Water Resources Management for Sefidrud River Basin	2017.06.30
	The Project on Capacity Development for Participatory Forest and Rangeland Management in Upper Karoon Basin	2017.08.14
Morocco	Project for Capacity Development of Human Resource in Transport Sector for African Countries	2017.10.11
Africa		
Cameroon	Capacity Development Project for Sustainable Forest Eco-System Management	2017.11.08
	Integrated SME Promotion Project with the Enhancement of KAIZEN in Cameroon	2017.12.15
Côte d'Ivoire	Project for Community Reinforcement towards Social Cohesion in Grand Abidjan Phase 2	2017.07.26
	Project on Human Resource Development for Strengthening Local Administration in Central and Northern Areas of Cote d'Ivoire Phase 2	2018.02.16
Democratic Republic of the Congo	Project on Human Resource Development in Health Phase 3	2017.11.29
Ethiopia	Index-based Crop Insurance Promotion Project for Rural Resilience Enhancement	2017.07.27
	The Project for Mathematical Understanding for Science and Technology (MUST)	2017.09.19
Ghana	Project for Improving Continuum of Care for Mothers and Children through the Introduction of Combined MCH Record Book	2017.10.27
Kenya	Project on Capacity Development for Trade Facilitation and Border Control in East Africa	2017.11.23
Malawi	The Project for Strengthening the Capacity of Non-Revenue Water Reduction for Lilongwe Water Board	2017.08.25
Nigeria	Project for Strengthening Detection of and Response to Public Health Threats in Nigeria	2017.12.15
Rwanda	The ICT Innovation Ecosystem Strengthening Project	2017.07.26
Senegal	Project for Strengthening Capacity of Community Health Insurance System and Free Health Care Initiatives	2017.05.22
	Capacity Development Project for the Governance of Food Security and Resilience	2017.05.26
Somalia	Youth Employment Project for Somalia (YEPS)	2017.09.26
South Africa	Project for Capacity Development of Pilot TVET Colleges for Artisan	2018.03.12
Sudan	Capacity Building Project for Promotion of Rice Production	2017.07.09
Tanzania	Project on Capacity Building for Tanzania Revenue Authority	2017.06.13
	Project for Strengthening DADP Planning and Implementation Capacity through Use of SHEP Approach	2017.10.06
	Capacity Development Project for Improvement of Maintenance of Distribution and Transmission Systems Phase 2	2017.11.01
Uganda	Promotion of Rice Development (PRiDe) Project Phase 2	2017.12.08
Zambia	Support for Sustainable Community Based Irrigation Development Project	2017.10.11
Europe		
Albania	Smallholder Families' Financial Inclusion Project in Albania	2017.06.21
The Former Yugoslav Republic of Macedonia	Project on Capacity Building for Ecosystem-Based Disaster Risk Reduction through Sustainable Forest Management in Macedonia (Project Eco-DRR in Macedonia)	2017.08.10
Total 84 Projects (45 Countries)		

14-2 Science and Technology Research Partnership for Sustainable Development (SATREPS) Projects (R/D Newly Signed in FY2017)

Region/Country	Project Name	Signing Date of Record of Discussion
Asia		
Thailand	The Project of Smart Transport Strategy for Thailand 4.0	2018.01.30
	The Project on Regional Resilience Enhancement through Establishment of Area-BCM at Industry Complexes in Thailand	2018.02.26
Myanmar	The Project for Strengthening Rice Breeding System based on Genomic Technology and Information in Myanmar	2018.01.30
Viet Nam	The Project for Establishment of Environmental Sound Management of Construction and Demolition Waste and Its Wise Utilization for Environmental Pollution Control and for New Recycled Construction Materials in Vietnam	2017.11.13

North America and Latin America

El Salvador	The Project for Integrated Research and Development towards Chagas Disease Control	2018.01.12
	The Project for Thermoluminescence Techniques in Geothermal Exploration and Integrated Evaluation System of Geothermal Reservoir	2018.03.05
Chile	Development of Harmful Algal Bloom Monitoring Methods and Forecast System for Sustainable Aquaculture and Coastal Fisheries in Chile	2018.01.24

Africa

Cameroon	The Project of Co-creation of Innovative Forest Resources Management Combining Ecological Methods and Indigenous Knowledge	2018.03.29
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Total 8 Projects (6 Countries)		
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14-3 ODA Loans (L/A Newly Signed in FY2017)

(Unit: ¥1 million)

Region/Country	Project Name	Loan Signing/ Amendment Date	Loan/Additional Loan Amendment Amount
Asia			
Cambodia	Sihanoukville Port New Container Terminal Development Project	2017.08.07	23,502
Indonesia	Patimban Port Development Project (I)	2017.11.15	118,906
	Development of World Class University with Socio Entrepreneurial Spirit at Universitas Gadjah Mada	2017.11.15	8,309
Myanmar	Hydropower Plants Rehabilitation Project	2017.04.25	10,787
	Project for the Development of Finance for Small and Medium-sized Enterprises (Phase 2)	2018.03.29	14,949
	Agriculture Income Improvement Project	2018.03.29	30,469
	Yangon-Mandalay Railway Improvement Project Phase II (I)	2018.03.29	56,622
	Housing Finance Development Project	2018.03.29	15,000
Philippines	Cavite Industrial Area Flood Risk Management Project	2017.11.13	15,928
	Arterial Road Bypass Project (Phase III)	2018.02.28	9,399
	Metro Manila Subway Project (Phase 1) (I)	2018.03.16	104,530
Viet Nam	Hoa Lac Science and Technology City Development Project (II)	2017.06.06	12,865
	Ben Tre Water Management Project	2017.07.18	24,257
	Bien Hoa City Drainage and Wastewater Treatment Systems Project, Stage 1	2017.08.30	24,700
Mongolia	Fiscal, Social and Economic Reform Development Policy Loan	2017.12.05	32,000
Bangladesh	Small Scale Water Resources Development Project (Phase 2)	2017.06.29	11,853
	Dhaka Underground Substation Construction Project	2017.06.29	20,477
	The Kanchpur, Meghna and Gumti 2nd Bridges Construction and Existing Bridges Rehabilitation Project (II)	2017.06.29	52,730
	Dhaka Mass Rapid Transit Development Project (Line 1) (E/S)	2017.06.29	5,593
	Matarbari Ultra Super Critical Coal-Fired Power Project (III)	2017.06.29	10,745
	Hazrat Shahjalal International Airport Expansion Project (I)	2017.06.29	76,825
India	Project for Upgradation of Environmental Management for Ship Recycling in Alang and Sosiya in Gujarat	2017.09.15	8,520
	Dedicated Freight Corridor Project (Procurement of Electric Locomotives)	2017.09.15	108,456
	Gujarat Investment Promotion Program	2017.09.15	16,825
	Project for the Construction of Training Institute for Mumbai-Ahmedabad High Speed Rail	2017.09.15	10,453
	Andhra Pradesh Irrigation and Livelihood Improvement Project (Phase2) (I)	2017.12.13	21,297
	Bengaluru Water Supply and Sewerage Project (Phase 3) (I)	2018.01.24	45,000
	North East Road Network Connectivity Improvement Project (Phase 2)	2018.03.29	38,666
	Project for Construction of Chennai Seawater Desalination Plant (I)	2018.03.29	30,000
	Project for Installation of Chennai Metropolitan Area Intelligent Transport Systems	2018.03.29	8,082
	Mumbai Metro Line 3 Project (II)	2018.03.29	100,000
Project for Improvement of Himachal Pradesh Forest Ecosystems Management and Livelihoods	2018.03.29	11,136	
Pakistan	Islamabad and Burhan Transmission Line Reinforcement Project (Phase 1)	2017.05.04	2,665
Sri Lanka	Kalu Ganga Water Supply Expansion Project (I)	2017.07.07	31,810
	Rural Infrastructure Development Project in Emerging Regions	2017.07.07	12,957

North America and Latin America

Costa Rica	Borinquen I Geothermal Project (Guanacaste Geothermal Development Sector Loan)	2017.06.20	25,991
Jamaica	Energy Management and Efficiency Programme	2017.11.23	1,705
Nicaragua	Rio Blanco-Siuna Bridges and National Road Construction Project	2017.10.09	4,940

Middle East

Egypt	Egypt-Japan Education Partnership (EJEP) : Human Resource Development Project	2017.05.02	10,192
	Egypt-Japan Education Partnership: Egypt-Japan School Support Program	2018.02.21	18,626
Iraq	Hartha Thermal Power Station Rehabilitation Project (Phase2)	2017.08.05	21,556
	Fiscal Reform Development Policy Loan (II)	2017.10.26	30,000
	Electricity Sector Reconstruction Project (Phase 3)	2017.10.26	27,220
Tunisia	Sfax Sea Water Desalination Plant Construction Project	2017.07.14	36,676

Region/Country	Project Name	Loan Signing/ Amendment Date	Loan/Additional Loan Amendment Amount
Africa			
Burkina Faso	Gounghin-Fada N'Gourma Road Improvement Project	2018.03.02	5,659
Cameroon	Yaounde-Brazzaville International Corridor Development Project (Mintom-Lele Section)	2017.05.30	5,894
Kenya	Mombasa Port Area Road Development Project (II)	2017.07.04	12,466
	Olkaria I Units 1, 2 and 3 Geothermal Power Plant Rehabilitation Project	2018.03.16	10,077
Rwanda	Ngoma-Ramiro Road Upgrading Project	2018.03.22	7,670
International Organizations, etc.			
The African Development Bank	Seventh Private Sector Assistance Loan under the Joint Initiative titled EPSA for Africa	2017.06.15	34,410
The African Development Fund	The African Development Fund Fourteenth Replenishment	2018.02.07	73,601
The International Development Association	Loan for the International Development Association 18 Replenishment	2018.02.21	292,388
The International Bank for Reconstruction and Development	Loan for MENA Financing Initiative	2018.02.21	100,000
Total 53 Projects (20 Countries and 4 Organizations)			1,845,384

14-4 Private-Sector Investment Finance Projects (Newly Approved in FY2017)

Project Name	Investee/Borrower	Approval Date of PSIF Agreement	Country/Region
Non-Revenue Water Improvement Project in the West Zone of Metro Manila	Maynilad Water Services, Inc.	2017.06.05	Philippines
Bangladesh FSRU Project	Excelerate Energy Bangladesh Limited	2017.06.23	Bangladesh
Thilawa Special Economic Zone (Zone B Phase 1) Development Project	Myanmar Japan Thilawa Development Ltd.	2017.08.08	Myanmar
Renewable Energy and Infrastructure Acceleration Facilities	PT. Indonesia Infrastructure Finance	2017.12.08	Indonesia
Al-Muwaqqar Solar Energy Project	Baynouna Solar Energy PSC	2017.12.08	Jordan
Coffee Value Chain Enhancement Project	Café Outspan Vietnam Limited	2018.03.28	Viet Nam

14-5 Major Projects of Private-Sector Investment Finance (As of March 31, 2018)

Project Name	Investment Company	Outline of Project	Initial Investment Date	Share Capital (¥1 million)	Invested by JICA (%)	Country/Region
Amazon Aluminium Project	Nippon Amazon Aluminum Co., Ltd.	Production of alumina and smelting of aluminium in the Amazon region	1978.08.29	52,285	44.9	Brazil
Saudi Arabia Methanol Project	Japan Saudi Arabia Methanol Co., Inc.	Production of methanol in the Al Jubail Industrial Area	1979.12.17	2,310	30.0	Saudi Arabia
Saudi Arabia Petrochemicals Project	SPDC Ltd.	Production and distribution of ethylene glycol and polyethylene in the Al Jubail Industrial Area	1981.06.17	14,200	37.1	Saudi Arabia
Bangladesh KAFCO Fertilizer Project	KAFCO Japan Investment Co., Ltd.	Production of urea and ammonia in Chittagong	1990.07.27	5,024	46.4	Bangladesh
Musi Pulp Production Project	Sumatra Pulp Corporation	Production and distribution of pulp in the South Sumatra Muara Enim Regency	1995.04.21	100	42.7	Indonesia
JAPAN ASEAN Women Empowerment Fund	JAPAN ASEAN Women Empowerment Fund	Investing in a fund for microfinance institutions to support the empowerment of women in Asia, particularly in ASEAN countries	2016.10.21	12,786	24.9	Southeast Asia
Sub-Saharan Africa Off-Grid Solar Power Project	WASSHA Inc.*	LED lamp rental services and mobile phone charging services at the retail shops in villages without electricity	2016.10.28	224	16.3	Sub-Saharan Africa

Note: Major projects of equity participation are those with an investment ratio of 20% or more, or projects where executive officers are dispatched.

* Company name changed from Digital Grid Inc. on January 1, 2018.

14-6 Grants (G/A Signed in FY2017)

(Unit: ¥100 million)

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Asia	The Project for Livelihood Improvement in Tajik-Afghan Cross-Border Areas (Phase 2)	2017.11.27	10.33
Cambodia	The Project for Expansion of Water Supply System in Kampot	2015.06.16	14.23
	The Project for Human Resource Development Scholarship	2015.06.16	0.62
	The Project for Human Resource Development Scholarship	2016.08.01	1.10
	The Project for Human Resource Development Scholarship (three-year cycle)	2017.07.14	1.07
	The Project for Human Resource Development Scholarship	2017.07.14	0.42
	The Project for Flood Protection and Drainage Improvement in the Phnom Penh Capital City (Phase IV)	2017.10.10	2.76
	The Project for Urgent Replacement of Bridges in Flood-Prone Areas	2017.11.23	3.08
	The Project for the Construction of Teacher Education Colleges	2017.12.29	1.87
Laos	The Project for Human Resource Development Scholarship	2015.06.05	0.56
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.06	0.85
	The Project for Reconstruction of the Bridges on the National Road No. 9	2016.07.08	9.08
	The Project for Human Resource Development Scholarship	2016.07.08	1.13
	The Project for Improving Secondary School Environment in the Central and Southern Provinces (Detailed Design)	2017.06.29	0.46
	The Project for Human Resource Development Scholarship	2017.06.29	0.56
	The Project for Improving Secondary School Environment in the Central and Southern Provinces	2017.10.25	2.19
	The Project for the Improvement of Setthathirath Hospital and Champasak Provincial Hospital	2018.02.15	19.40
	The Project for the Improvement of Irrigated Agriculture in Tha Ngon	2018.01.25	8.37
Myanmar	The Project for Improving Lashio General Hospital in Shan State	2014.05.29	2.42
	The Project for Human Resource Development Scholarship	2014.05.12	0.96
	The Project for Construction of New Thaketa Bridge	2014.06.10	14.56
	The Project for Human Resource Development Scholarship	2015.06.23	1.47
	The Project for Human Resource Development Scholarship	2016.06.23	2.07
	The Project for Improvement of Magway General Hospital	2017.04.02	2.20
	The Project for Improvement of Magway General Hospital	2017.04.02	0.50
	The Project for Human Resource Development Scholarship	2017.06.13	0.62
	The Project for the Improvement of Dawei General Hospital	2018.02.06	1.71
	The Project for the Construction of New Yangon Specialist Hospital	2018.03.22	4.07
Philippines	The Project for Human Resource Development Scholarship	2015.07.29	0.53
	The Project for the Improvement of TV Programs of People's Television Network	2017.07.11	0.38
	The Project for Human Resource Development Scholarship	2016.06.24	0.89
	The Programme for Consolidated Rehabilitation of Illegal Drug Users (CARE)	2017.04.03	18.50
	The Project for Human Resource Development Scholarship	2017.07.10	1.21
Timor-Leste	The Project for the Construction of New Buildings for the Faculty of Engineering, Science and Technology of the National University of Timor-Leste	2016.03.15	15.70
	The Project for Urgent Relocation of Ferry Terminal in Dili Port	2016.09.30	14.62
Viet Nam	The Project for Water Quality Improvement for Japanese Bridge Area in Hoi An City	2015.12.21	3.13
	The Project for Human Resource Development Scholarship	2015.08.10	0.73
	The Project for Human Resource Development Scholarship	2016.06.30	1.30
	The Project for Emergency Reservoir Operation and Effective Flood Management Using Water related Disaster Management Information System	2017.08.10	18.44
	The Project for Human Resource Development Scholarship (three-year cycle)	2017.07.11	1.30
	The Project for Human Resource Development Scholarship	2017.07.11	0.56
Mongolia	The Project for Construction of Mongolia-Japan Teaching Hospital	2015.05.12	33.27
	The Project for Human Resource Development Scholarship	2015.05.12	0.49
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.30	0.80
	The Project for Human Resource Development Scholarship	2016.06.30	1.17
	The Project for Human Resource Development Scholarship	2017.06.29	0.42
	The Project for the Improvement of Facilities for Primary and Secondary Education in Ulaanbaatar City	2017.11.30	2.36

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Asia (Continued)			
Afghanistan	The Project for Infectious Diseases Prevention for Children	2017.11.27	9.78
Bangladesh	The Project for Improvement of Meteorological Radar System in Dhaka and Rangpur	2015.06.24	11.22
	The Project for Human Resource Development Scholarship	2015.05.31	0.67
	The Project for Human Resource Development Scholarship	2016.05.22	1.28
	The Project for Human Resource Development Scholarship (three-year cycle)	2017.08.08	1.31
	The Project for Human Resource Development Scholarship	2017.08.08	0.52
Bhutan	The Project for Reconstruction of Bridges on Primary National Highway No. 4	2016.12.26	3.55
	The Project for the Construction of Disaster-Resilient Emergency Mobile Network	2017.12.20	9.79
India	The Project for Implementation of Advanced Traffic Information and Management System in Core Bengaluru	2018.01.24	12.76
	The Project for Construction of the International Cooperation and Convention Center in Varanasi	2017.09.15	1.54
Maldives	The Project for the Digital Terrestrial Television Broadcasting Network Development	2017.05.30	27.92
Nepal	The Project for Human Resource Development Scholarship	2016.07.04	0.94
	The Project for Improvement of Water Supply in Pokhara	2017.02.15	13.50
	The Project for Human Resource Development Scholarship	2017.07.07	1.26
	The School Sector Development Program	2017.08.15	3.00
Pakistan	The Project for Establishment of Specialized Medium Range Weather Forecasting Center and Strengthening of Weather Forecasting System	2014.11.13	2.40
	The Project for Energy Saving in Water Supply System in Lahore	2015.06.18	3.29
	The Project for Replacement of Pumping Machinery at Inline Booster Pump Station and Terminal Reservoir in Faisalabad	2015.06.18	5.56
	The Project for Installation of Weather Surveillance Radar at Karachi	2015.07.08	11.16
	The Project for the Control and Eradication of Poliomyelitis	2017.10.18	5.20
	The Project for Improvement of Airport Security (Phase 2)	2018.03.27	23.92
	The Project for Enhancement of Non-Formal Education	2018.02.28	3.93
	The Project for Improvement of National Institute of Health Polio Regional Reference Laboratory	2018.03.02	3.55
	The Project for the Restoration of Livelihoods in Federally Administered Tribal Areas	2018.02.27	5.60
Sri Lanka	The Project for Human Resource Development Scholarship	2015.07.23	0.40
	The Project for Human Resource Development Scholarship	2016.07.04	0.71
	The Project for Human Resource Development Scholarship (three-year cycle)	2017.06.30	0.93
	The Project for the Establishment of a Doppler Weather Radar Network	2017.06.30	1.77
	The Project for Human Resource Development Scholarship	2017.06.30	0.40
Armenia	The Project for Improvement of Fire Fighting Equipment	2017.09.07	15.40
	The Project for the Improvement of Equipment for Restoration and Conservation of Archaeological Artifacts for the Scientific-Research Center of the Historical and Cultural Heritage	2018.02.16	0.70
Kyrgyz Republic	The Project for Human Resource Development Scholarship	2015.07.28	0.42
	The Project for Avalanche Protection on Bishkek-Osh Road	2017.03.31	15.18
	The Project for Human Resource Development Scholarship	2016.08.01	0.72
	The Project for Human Resource Development Scholarship	2017.08.15	1.04
Tajikistan	The Project for Human Resource Development Scholarship	2015.07.21	0.19
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.29	0.29
	The Project for Human Resource Development Scholarship	2016.07.26	0.61
	The Project for Improvement of Dushanbe International Airport (Phase2)	2017.05.31	3.56
	The Project for Improvement of Substations in Dushanbe	2017.06.30	21.90
	The Project for Human Resource Development Scholarship	2017.08.11	0.37
Uzbekistan	The Project for Human Resource Development Scholarship	2015.08.07	0.41
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.07.29	0.68
	The Project for Human Resource Development Scholarship	2016.07.29	0.94
	The Project for Improvement of Equipment for Media Training Center at Tashkent University of Information Technologies	2017.12.06	1.88
	The Project for Human Resource Development Scholarship	2017.10.10	0.44

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Pacific			
Kiribati	The Project for Reconstruction of the Nippon Causeway	2016.07.26	14.18
Marshall Islands	The Project for the Installation of Solar Electricity Generation System in Ebeye Island	2017.11.22	10.70
Samoa	The Project for Reconstruction of Vaisigano Bridge	2017.07.27	0.67
	The Project for Reconstruction of Vaisigano Bridge	2017.07.27	1.67
Solomon Islands	The Project for Upgrading of Kukum Highway	2015.05.26	4.81
Tonga	The Project for Upgrading of Wharf for Domestic Transport	2015.06.10	3.16
	The Project for Installation of Wind Power Generation System	2017.05.02	21.00
North America and Latin America			
Cuba	El Proyecto de Mejoramiento de los Equipos Agrícolas para Desarrollar la Tecnología de Producción de Semilla de Arroz	2017.11.07	12.15
Haiti	Le Projet de Construction des Ponts de la Croix-des-Missions et de la Route Neuve	2015.09.02	13.07
	Le Projet de Construction d'Écoles Fondamentales des Départements du Centre et de l'Artibonite	2017.05.16	20.46
Honduras	The Project for Improvement and Extension of Water Supply System in Comayagua City	2017.06.20	1.45
	The Project for Landslide Prevention in National Road No. 6	2017.09.13	9.58
Jamaica	The Project for Improvement of Emergency Communication System	2017.04.06	13.99
Nicaragua	The Project for the Construction of Department Hospital of SILAIS Zelaya Central	2016.04.28	10.75
Saint Lucia	The Project for Reconstruction of Bridges in Cul-De-Sac Basin	2017.08.09	2.59
Middle East			
Egypt	The Project for Procurement of Education and Research Equipment for Egypt-Japan University of Science and Technology (E-JUST) (Phase 2)	2017.12.18	9.93
Iran	The Project for Improvement of Equipment for Air Pollution Analysis in Tehran	2018.02.12	12.42
	The Project for the Improvement of Medical Equipment in Tehran City	2018.02.12	15.34
Jordan	The Programme for Urgent Improvement of Water Sector for the Host Communities of Syrian Refugees in Northern Governorates (Phase 2)	2017.05.22	24.12
	The Project for Rehabilitation and Expansion of the Water Networks in Balqa Governorate (Phase 2)	2017.08.14	13.91
Lebanon	The Project for the Improvement of Archaeological Research Equipment of National Council for Scientific Research	2017.04.03	0.73
Palestine	The Project for the Construction of the Protective Shelter and the Presentation of the Great Bath at Hisham's Palace, Jericho	2016.09.06	6.46
Africa			
Benin	Le Projet de Construction des Ecoles Primaires dans le Département de l'Atlantique	2018.01.26	2.27
Burkina Faso	Le Projet de Construction d'Infrastructures Éducatives en Appui au Post Primaire (Phase 2)	2017.05.11	15.61
	Le Projet d'Amélioration de la Rocade Sud-Est du Boulevard de Tansoba a Ouagadougou	2017.08.18	3.90
Cameroon	The Project for Improvement in Fish Landing Facility and Fish Market of Youpwe in Douala City	2017.12.12	13.57
Côte d'Ivoire	Le Projet d'Aménagement de l'Échangeur d'Amitié Ivoir-Japonaise	2015.07.10	11.38
	Le Projet d'Aménagement du Site du Débarcadère et de la Construction du Marché Central pour le Développement de la Zone Commerciale de la Commune de Sassandra	2016.11.09	14.91
	Le Projet pour l'Amélioration de l'Équipement pour le Procédé d'Impression et la Numérisation des Archives de la Société Nouvelle de Presse et d'Édition de Côte d'Ivoire	2018.03.28	0.55
	Le Projet d'Aménagement de l'Échangeur d'Amitié ivoiro-japonaise (phase 2)	2018.03.28	1.68
Democratic Republic of the Congo	Le Projet d'Aménagement de l'Institut National de Recherche Biomédicale	2017.05.26	23.25
Eswatini (former Swaziland)	The Project for Construction of Secondary Schools Aimed at Promoting Inclusive Education	2017.06.29	17.23
Ethiopia	The Project for Construction of Secondary Schools in Tigray Region	2017.12.06	14.38
	The Project for Improvement of Water Supply in Bahir Dar City	2017.12.06	1.46
	The Project for Installation of Geothermal Wellhead Power System	2017.12.06	18.42
	The Project for the Construction of TICAD Human Resource Development Center for Business and Industry	2018.03.30	3.51
Ghana	The Project for Human Resource Development Scholarship	2015.07.03	0.29
	The Project for Reinforcement of Power Supply to Accra Central	2015.12.08	15.31
	The Project for Human Resource Development Scholarship	2016.05.19	0.46
	The Project for Human Resource Development Scholarship	2017.08.02	1.01
	The Project for the Improvement of Equipment for Production of Television Programs for Ghana Broadcasting Corporation	2018.03.08	0.92

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Africa (Continued)			
Guinea	Le Projet d'Aménagement du Port de Pêche de Kaporo	2017.08.11	12.19
	Le Projet de Construction d'Écoles Primaires et de Collèges en Zones Urbaines (Phase 2)	2017.10.04	19.13
Kenya	The Project for Dualling of Nairobi-Dagoretti Corner Road C60/C61 (Phase 2)	2017.07.04	26.80
Liberia	The Project for Reconstruction of Somalia Drive in Monrovia (Phase 2)	2017.03.14	2.01
Madagascar	Le Projet de Réhabilitation du Système d'Irrigation au Sud-Ouest du Lac Alaotra	2017.07.24	2.48
Malawi	The Project for Expansion of Tedzani Electricity Hydropower Station	2015.03.18	27.66
	The Project for Expansion of the Terminal Building at Kamuzu International Airport	2015.11.04	21.68
	The Project for Expanding and Upgrading the Domasi College of Education	2017.06.28	19.47
	The Project for the Improvement of Equipment for Non-Revenue Water Reduction in Lilongwe	2018.03.14	3.62
Mozambique	The Project for Construction of Bridges on N380 in Cabo Delgado Province	2017.04.28	3.11
	The Project for Construction of Bridges on N380 in Cabo Delgado Province	2017.04.28	12.40
	The Project for Emergency Rehabilitation of Transmission Network	2017.08.24	13.90
Rwanda	The Project for Rehabilitation of Irrigation Facilities in Rwamagana District	2017.03.31	0.71
Senegal	Le Projet de Réhabilitation du Môle 3 du Port de Dakar	2017.03.27	11.87
	Le Projet d'Urgence de Réhabilitation et de Renforcement du Réseau de Distribution d'Énergie de la Région de Dakar	2018.02.08	29.34
	Le Projet de Construction du Centre d'Application pour la Santé de la Mère et de l'Enfant de l'École Nationale de Développement Sanitaire et Social (ENDSS)	2018.02.08	2.42
	Le Projet d'Aménagement de Quais de Pêche Améliorés pour la Valorisation des Produits de la Pêche dans le Département de Mbour	2018.03.22	13.08
Sudan	The Project for Improvement of Water Treatment Plant in Kosti City	2016.10.11	19.06
Tanzania	The Project for Widening of New Bagamoyo Road (Phase 2) (Detailed Design)	2017.09.01	0.69
	The Project for Widening of New Bagamoyo Road (Phase 2)	2018.02.28	1.88
Togo	Le Projet de Construction de Deux Ponts, Kara et Koumongou	2015.07.07	11.36
Uganda	The Project for Rural Water Supply in Lake Kyoga Basin, Eastern Uganda	2017.05.05	17.06
Zambia	The Project for Upgrading Lusaka Health Centres to District Hospitals (Phase 2)	2017.05.16	39.08
Total 157 Projects (56 Countries and Regions)			1,151.29

* Amount of concluded Grant Agreements (G/A) in FY2017.

(1) For projects running over several fiscal years, the maximum amount allowed for each fiscal year is counted for that fiscal year, including the maximum amount allowed for the fiscal years prior to fiscal 2016 of G/A projects concluded in fiscal 2017.

(2) Increase in maximum amount committed according to amendment of G/A concluded prior to fiscal 2016 is counted for the year the amendment was made.