

JICA 2017

JAPAN INTERNATIONAL COOPERATION AGENCY
Annual Report

Data Book

Contents

Financial Summary	2
1. General Account.....	2
2. Finance and Investment Account.....	3
Statistics on Program Results	4
Interpreting the Statistics.....	4
Breakdown of Countries and Regions.....	4
Overall JICA Operations	
1. Japan's ODA by Type 2016 (Provisional Figure).....	5
2. Overview of MOFA's ODA Budget.....	5
3. Outline of JICA Operations.....	6
4. Geographical Distribution of JICA Operations.....	6
5. Regional and Sectoral Distribution of Technical Cooperation (FY2016).....	16
6. Sectoral Distribution of Technical Cooperation Projects (FY2016).....	18
7. Sectoral Distribution of Grant Projects (FY2016).....	18
8. Overview of Finance and Investment Cooperation (Data from the Previous Five Years).....	19
Detailed Information Related to Finance and Investment Cooperation	
9. Sectoral Distribution of Finance and Investment Cooperation.....	19
10. Geographical Distribution of ODA Loans (FY2016).....	20
11-1. Debt Rescheduling Based on Paris Club Agreements (FY2016).....	21
11-2. Debt Cancellation (FY2016).....	21
12-1. Principal Contractors under ODA Loans (FY2016/Goods and Services/Contract Amount: over ¥1 billion).....	22
12-2. Principal Contractors under ODA Loans (FY2016/Consulting Services/Contract Amount: over ¥100 million).....	24
13-1. Terms and Conditions of ODA Loans (Effective from October 16, 2017).....	26
13-2. Tying Status of ODA Loans (Commitment Basis).....	29
13-3. Nationalities of Contractors (Including Procurement in Local Currency).....	29
13-4. Nationalities of Contractors (Foreign Currency Only).....	29
13-5. Nationalities of Contractors (Including Procurement in Local Currency, Excluding Commodity Loans and other ODA Credits).....	29
13-6. Nationalities of Contractors (Foreign Currency Only, Excluding Commodity Loans and other ODA Credits).....	29
Project Lists	
14-1. Technical Cooperation Projects (R/D Newly Signed in FY2016).....	30
14-2. Science and Technology Research Partnership for Sustainable Development (SATREPS) Projects (R/D Newly Signed in FY2016).....	32
14-3. ODA Loans (L/A Newly Signed in FY2016).....	33
14-4. Private-Sector Investment Finance Projects (Newly Approved in FY2016).....	35
14-5. Major Projects of Private-Sector Investment Finance (As of March 31, 2017).....	35
14-6. Grants (G/A Newly Signed in FY2016).....	36
Financial Statements	40
1. General Account.....	40
2. Finance and Investment Account.....	48
Financial Conditions	58
1. Two-Year Financial Statements.....	58
2. Disclosure of Financial Conditions of Finance and Investment Account.....	62

Financial Summary

1 General Account

Balance Sheet

(Unit: Millions of yen)

	As of March 31, 2016	As of March 31, 2017
Assets		
Current assets		
Cash and deposits	97,615	86,547
Securities	84,000	98,000
Others	26,311	26,307
Total current assets	207,925	210,855
Non-current assets		
Tangible assets	41,901	41,443
Intangible assets	54	604
Investments and other assets	2,132	2,054
Total non-current assets	44,087	44,101
Total assets	252,012	254,956
Liabilities		
Current liabilities		
Operational grant liabilities	46,637	–
Funds for grant aid	130,378	145,895
Others	19,792	18,240
Total current liabilities	196,808	164,135
Non-current liabilities		
Contra-accounts for assets	2,531	4,053
Others	531	464
Total non-current liabilities	3,063	4,517
Total liabilities	199,871	168,652
Net assets		
Capital		
Government investment	63,217	62,452
Total capital	63,217	62,452
Capital surplus		
Capital surplus	(17,867)	(19,057)
Total capital surplus	(17,867)	(19,057)
Retained earnings		
Retained earnings	6,792	42,909
Total retained earnings	6,792	42,909
Total net assets	52,142	86,304
Total liabilities and net assets	252,012	254,956

(Assets)

For the business year ended March 31, 2017, total assets amounted to ¥254,956 million, increasing ¥2,943 million or 1.2% from the previous business year, primarily due to the ¥14,000 million or 16.7% increase in securities.

(Liabilities)

For the business year ended March 31, 2017, total liabilities were ¥168,652 million, decreasing ¥31,219 million or 15.6% year-on-year, primarily due to the absence of operational grant liabilities which were ¥46,637 million in the previous business year.

Statement of Income

(Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
Ordinary expenses		
Operating expenses		
Expenses for technical cooperation projects	73,433	80,681
Expenses for public participation-based cooperation	16,513	15,776
Expenses for assistance promotion	16,373	22,118
Expenses for operation support	28,288	28,996
Expenses for grant aid	91,152	79,246
Others	10,872	10,584
General administrative expenses	9,631	9,451
Financial expenses	324	90
Others	33	2
Total ordinary expenses	246,619	246,946
Ordinary revenues		
Revenues from operational grants	152,871	175,834
Revenues from grant aid	91,152	79,246
Others	4,230	3,838
Total ordinary revenues	248,252	258,918
Ordinary income	1,634	11,972
Extraordinary losses		
	38	45
Extraordinary income		
Settlement revenues from operational grants	–	24,128
Reversal of contra-accounts for assets funded by operational grants	39	36
Gain on sales of non-current assets	9	26
Total extraordinary income	48	24,190
Reversal of reserve fund carried over from the previous Mid-term Objective period	253	501
Total income for the current business year	1,896	36,619

(Ordinary expenses)

For the business year ended March 31, 2017, ordinary expenses amounted to ¥246,946 million, increasing ¥327 million or 0.1% from the previous business year. The major factor of the increase was the ¥7,248 million or 9.9% year-on-year increase in expenses for technical cooperation projects.

(Ordinary revenues)

For the business year ended March 31, 2017, ordinary revenues totaled ¥258,918 million, increasing ¥10,666 million or 4.3% year-on-year. The major factor of the increase was the ¥22,963 million or 15.0% increase in revenues from operational grants.

(Total income and loss for the current business year)

In addition to the ordinary income noted above, the following items were recorded in the business year under review. There was an extraordinary loss of ¥45 million, including a loss on disposal of non-current assets and other losses, and extraordinary income of ¥24,128 million as gain on settlement revenues from operational grants, a reversal of contra-accounts for assets funded by operational grants related to the loss on disposal of non-current assets of ¥36 million, and ¥26 million in gain on sales of non-current assets. Moreover, reversal of reserve fund carried over from the previous Mid-term Objective period totaled ¥501 million. As a result, total income for the current business year was ¥36,619 million, increasing ¥34,722 million or 1,831.0% from the previous business year.

Statement of Cash Flows

(Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
I. Cash flows from operating activities		
Payments of operating expenses	(143,413)	(150,814)
Payments for grant aid	(91,902)	(80,012)
Payments of personnel expenses	(16,273)	(16,390)
Proceeds from operational grants	154,036	155,450
Proceeds from grant aid	105,424	98,142
Other proceeds and payments	1,277	(987)
II. Cash flows from investing activities	13,285	(15,895)
III. Cash flows from financing activities	(149)	(662)
IV. Effect of exchange rate fluctuation on funds	(223)	(109)
V. Net increase in funds (decrease)	22,060	(11,277)
VI. Funds at the beginning of the business year	69,554	91,615
VII. Funds at the end of the business year	91,615	80,337

(Cash flows from operating activities)

For the business year ended March 31, 2017, cash flows from operating activities amounted to ¥5,389 million, declining ¥3,760 million or 41.1% year-on-year. The main contributor to the decrease was the ¥7,401 million or 5.2% increase in payments of operating expenses.

(Cash flows from investing activities)

For the business year ended March 31, 2017, cash flows from investing activities amounted to a cash outflow of ¥15,895 million, declining ¥29,180 million or 219.7% from the previous business year. The decrease was primarily attributed to the ¥150,000 million or 16.9% decrease in proceeds from refund of negotiable deposits.

(Cash flows from financing activities)

For the business year ended March 31, 2017, cash flows from financing activities amounted to a cash outflow of ¥662 million, decreasing ¥513 million or 343.1% from the previous business year. The major contributor to the decrease was the ¥520 million in payments to national treasury for unnecessary property which was ¥0 in the previous business year.

2 Finance and Investment Account

Balance Sheet (Unit: Millions of yen)

	As of March 31, 2016	As of March 31, 2017
Assets		
Current assets		
Loans	11,502,091	11,661,980
Allowance for loan losses	(153,208)	(165,531)
Others	177,155	282,319
Total current assets	11,526,038	11,778,767
Non-current assets		
Tangible assets	8,610	8,607
Intangible assets	236	647
Investments and other assets		
Claims probable in bankruptcy, claims probable in rehabilitation and other	63,845	87,063
Allowance for loan losses	(63,845)	(73,484)
Others	43,422	62,546
Total non-current assets	52,268	85,380
Total assets	11,578,306	11,864,147
Liabilities		
Current liabilities		
Current portion of borrowings from government fund for Fiscal Investment and Loan Program	219,212	188,060
Others	72,220	44,366
Total current liabilities	291,432	232,426
Non-current liabilities		
Bonds	477,305	590,596
Borrowings from government fund for Fiscal Investment and Loan Program	1,537,319	1,552,259
Others	5,159	6,520
Total non-current liabilities	2,019,783	2,149,375
Total liabilities	2,311,215	2,381,801
Net assets		
Capital		
Government investment	7,862,158	7,992,228
Total capital	7,862,158	7,992,228
Retained earnings		
Reserve fund	1,369,796	1,472,558
Others	102,762	74,363
Total retained earnings	1,472,558	1,546,921
Valuation and translation adjustments	(67,625)	(56,803)
Total net assets	9,267,091	9,482,347
Total liabilities and net assets	11,578,306	11,864,147

(Assets)

For the business year ended March 31, 2017, total assets amounted to ¥11,864,147 million, increasing ¥285,842 million or 2.5% from the previous business year, primarily due to the ¥159,889 million or 1.4% increase in loans.

(Liabilities)

For the business year ended March 31, 2017, total liabilities were ¥2,381,801 million, increasing ¥70,586 million or 3.1% year-on-year, primarily due to the ¥113,291 million or 23.7% increase in bonds.

Statement of Income (Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
Ordinary expenses		
Expenses related to operations of cooperation through finance and investment		
Interest on bonds and notes	5,751	6,116
Interest on borrowings	21,180	18,633
Interest on interest rate swaps	8,228	8,270
Operations consignment expenses	22,204	24,432
Operating and administrative expenses	12,542	12,605
Provision for allowance for loan losses	10,798	21,961
Others	9,699	7,088
Total ordinary expenses	90,402	99,105
Ordinary revenues		
Revenues from operations of cooperation through finance and investment		
Interest on loans	161,474	152,761
Dividends on investments	24,369	13,645
Others	3,423	6,270
Others	864	807
Total ordinary revenues	190,130	173,483
Ordinary income	99,728	74,378
Extraordinary losses	6	21
Extraordinary income	3,041	6
Total income for the current business year	102,762	74,363

(Ordinary expenses)

For the business year ended March 31, 2017, ordinary expenses amounted to ¥99,105 million, increasing ¥8,703 million or 9.6% from the previous business year. The major factor of the increase was the ¥11,163 million or 103.4% increase in provision for allowance for loan losses.

(Ordinary revenues)

For the business year ended March 31, 2017, ordinary revenues decreased ¥16,647 million or 8.8% to ¥173,483 million. The major factor was ¥10,724 million or 44.0% year-on-year decrease in dividends on investments.

(Total income and loss for the current business year)

In addition to the ordinary income noted above, there were extraordinary losses of ¥21 million as loss on disposal of non-current assets, and extraordinary income of ¥6 million as gain on sales of non-current assets. As a result, total income for the current business year was ¥74,363 million, declining ¥28,399 million or 27.6% from the previous business year.

Statement of Cash Flows (Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
I. Cash flows from operating activities	(86,921)	11,916
Payments for loans	(964,720)	(878,084)
Repayments of borrowings from government fund for Fiscal Investment and Loan Program	(244,355)	(219,212)
Proceeds from collection of loans	696,469	700,863
Proceeds from borrowings from government fund for Fiscal Investment and Loan Program	297,300	203,000
Proceeds from issuance of bonds	59,671	110,389
Proceeds from interest on loans	157,425	149,643
Other operation proceeds and payments	(88,711)	(54,683)
II. Cash flows from investing activities	(763)	(21,577)
III. Cash flows from financing activities	48,165	130,038
IV. Effect of exchange rate fluctuation on funds	–	1,084
V. Net increase in funds (decrease)	(39,518)	121,461
VI. Funds at the beginning of the business year	127,050	87,531
VII. Funds at the end of the business year	87,531	208,993

(Cash flows from operating activities)

For the business year ended March 31, 2017, cash flows from operating activities amounted to ¥11,916 million, increasing ¥98,838 million or 113.7% year-on-year. The major factor of the increase was the ¥86,637 million or 9.0% decrease in payments for loans.

(Cash flows from investing activities)

For the business year ended March 31, 2017, cash flows from investing activities amounted to a cash outflow of ¥21,577 million, declining ¥20,814 million or 2,729.6% from the previous business year. The decrease was primarily attributed to the ¥16,349 million in payments for increase of money held in trust which was ¥0 in the previous business year.

(Cash flows from financing activities)

For the business year ended March 31, 2017, cash flows from financing activities amounted to ¥130,038 million, increasing ¥81,872 million or 170.0% from the previous business year. The major contributor to the increase was the ¥81,810 million or 169.5% increase in receipt of government investment.

Statistics on Program Results

Interpreting the Statistics

The following shows statistics relating to JICA's operations in FY2016.

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 (JOCV);

(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, 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, Swaziland, 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 2016 (Provisional Figure)

Type	ODA Disbursements (2016 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 Bilateral ODA	Grants	2,828.59	2,626.83	7.7	307.759	317.852	-3.2	27.4
	Debt Relief	15.32	—	—	1.667	—	—	0.1
	Grants Provided through International Organizations	1,600.29	1,426.19	12.2	174.116	172.573	0.9	15.5
	Grants Excluding the Above	1,212.99	1,200.63	1.0	131.976	145.279	-9.2	11.7
	Grants (Excluding Disbursements for Graduate Countries)	2,823.23	2,622.52	7.7	307.175	317.331	-3.2	27.2
	Debt Relief	15.32	—	—	1.667	—	—	0.1
	Grants Provided through International Organizations	1,598.81	1,422.85	12.4	173.955	172.169	1.0	15.4
	Grants Excluding the Above	1,209.10	1,199.66	0.8	131.553	145.162	-9.4	11.7
	Technical Cooperation*	2,765.33	2,372.14	16.6	300.876	287.034	4.8	26.8
	Technical Cooperation (Excluding Disbursements for Graduate Countries)*	2,763.49	2,368.65	16.7	300.675	286.612	4.9	26.7
	Total Grants	5,593.93	4,998.96	11.9	608.634	604.886	0.6	54.1
	Total Grants (Excluding Disbursements for Graduate Countries)	5,586.72	4,991.17	11.9	607.851	603.943	0.6	53.9
	Loan Aid	1,422.17	1,116.83	27.3	154.736	135.139	14.5	13.8
	(Loan Aid, Excluding Debt Relief)	1,422.17	1,116.83	27.3	154.736	135.139	14.5	
	(Amount Disbursed)	7,860.87	6,994.16	12.4	855.283	846.310	1.1	
	(Amount Recovered)	6,438.70	5,877.33	9.6	700.548	711.170	-1.5	
	(Amount Recovered Excluding Debt Relief)	6,438.70	5,877.33	9.6	700.548	711.170	-1.5	
	Loan Aid (Excluding Disbursements for Graduate Countries)	1,465.85	1,156.27	26.8	159.489	139.912	14.0	14.1
	(Loan Aid, Excluding Debt Relief)	1,465.85	1,156.27	26.8	159.489	139.912	14.0	
	(Amount Disbursed)	7,856.80	6,982.07	12.5	854.841	844.846	1.2	
	(Amount Recovered)	6,390.95	5,825.80	9.7	695.352	704.935	-1.4	
	(Amount Recovered Excluding Debt Relief)	6,390.95	5,825.80	9.7	695.352	704.935	-1.4	
	Total Bilateral ODA (Gross Disbursement Basis)	13,454.79	11,993.13	12.2	1,463.918	1,451.196	0.9	
	Total Bilateral ODA (Gross Disbursement Basis, Excluding Disbursements for Graduate Countries)	13,443.52	11,973.24	12.3	1,462.691	1,448.789	1.0	
	Total Bilateral ODA (Net Disbursement Basis)	7,016.09	6,115.80	14.7	763.370	740.026	3.2	67.9
	Total Bilateral ODA (Net Disbursement Basis, Excluding Disbursements for Graduate Countries)	7,052.58	6,147.44	14.7	767.339	743.854	3.2	68.0
	Grants	2,731.70	2,530.60	7.9	297.216	306.209	-2.9	26.3
Loan Aid (Amount Disbursed)	583.63	524.78	11.2	63.500	63.500	0.0	5.6	
Contributions and Subscriptions to International Organizations (Net Disbursement Basis)	3,315.33	3,055.38	8.5	360.716	369.709	-2.4	32.0	
Total ODA (Gross Disbursement)	16,770.12	15,048.51	11.4	1,824.634	1,820.904	0.2		
Total ODA (Gross Disbursement, Excluding Disbursements for Graduate Countries)	16,758.85	15,028.62	11.5	1,823.408	1,818.498	0.3		
Total ODA (Net Disbursement)	10,331.42	9,171.18	12.7	1,124.086	1,109.734	1.3	100.0	
Total ODA (Net Disbursement, Excluding Disbursements for Graduate Countries)	10,367.90	9,202.82	12.7	1,128.056	1,113.563	1.3	100.0	
Preliminary Estimate of Nominal Gross National Income (GNI) (US\$ billion, ¥ billion)	5,099.73	4,553.33	12.0	554,864.50	550,963.30	0.7		
% of GNI	0.20	0.20		0.20	0.20			
% of GNI (Excluding Disbursements for Graduate Countries)	0.20	0.20		0.20	0.20			

(Notes) 1. The following 18 countries/regions are graduate countries other than OECD member states that have received ODA: Bahamas, Bahrain, Barbados, Brunei, Croatia, [French Polynesia], [Hong Kong], Israel, Kuwait, [New Caledonia], Oman, Qatar, Romania, Saint Christopher and Nevis, Saudi Arabia, Singapore, Trinidad and Tobago, and United Arab Emirates.

2. 2016 DAC designated exchange rate: US\$1.00=¥108.8027 (a appreciation of ¥12.1996 compared with 2015)

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 financing to multilateral 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)

	FY2016		FY2017	
	Budget	Percentage increase	Budget	Percentage increase
Entire government	551.9	1.8%	552.7	0.1%
Within the Ministry	434.2	2.4%	434.3	0.0%
Grants	162.9	1.5%	163.1	0.1%
Management Grants (General Account)	149.2	1.9%	150.5	0.8%
Contributions and donations	50.5	7.1%	51.7	2.5%
Aid for assistance activities	71.6	2.6%	69.1	-3.5%

3 Outline of JICA Operations

Content of Cooperation	FY2016	FY2015 (reference)
1. Developing Countries/Regions Targeted for Assistance*	154 countries/regions	150 countries/regions
2. Japan's total ODA (Calendar year, gross disbursement, including aid for graduate countries)	¥1,824.6 billion	¥1,835.1 billion
3. JICA's Technical Cooperation Expenses (excluding administrative costs)	¥207.7 billion	¥191.7 billion
4. JICA's Finance and Investment Cooperation Projects (New Commitments) **	¥1,485.8 billion	¥2,260.9 billion
5. JICA's Grant Projects (New G/A concluded) ***	¥98.0 billion	¥111.7 billion
6. Training Participants (New)	17,613 (persons)	25,203 (persons)
7. Experts Dispatched (New)	10,284 (persons)	11,134 (persons)
8. Members of Study Teams Dispatched (New)	9,955 (persons)	8,914 (persons)
9. JOCVs Dispatched (New)	1,132 (persons)	1,198 (persons)
10. Other Volunteers Dispatched (New)	343 (persons)	322 (persons)
11. Technical Cooperation Projects (Ongoing)	549 (88 countries/regions)	572 (84 countries/regions)
12. Science and Technology Research Partnership for Sustainable Development (SATREPS) (Ongoing)	77 (38 countries)	77 (35 countries/regions)
13. Finance and Investment Cooperation Projects (New Commitments) ****	57 (25 countries)	75 (31 countries/regions)
14. Grant Projects (New G/A concluded)	140 (53 countries/regions)	154 (58 countries)
15. JICA Partnership Program (JPP) Projects (New/Ongoing)	260 (51 countries)	246 (50 countries)
16. Dispatch of Japan Disaster Relief Team (JDR), Provision of Disaster Relief Supplies	16 (16 countries/regions)	15 (9 countries/regions)
DAC Rate: US\$1=	¥108.8	¥121.0

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.

** Total amount 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.

**** Total number of new commitments of ODA Loans and Private-Sector Investment Finance projects.

4 Geographical Distribution of JICA Operations

Note: The figures within Japan's ODA (2016) 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 FY2016).

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)

** Including Technical Assistance expenses managed under Finance and Investment Account

*** 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 (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC*	JICA's Grants (FY2016) (¥1 billion)***		
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)											Disbursements (FY2016) (¥1 billion)	
					Training Participants**		Experts**		Study Team Members**		Provision of Equipment**	Other Expenses**	JOVC				Other Volunteers
				New	Ongoing	New	Ongoing	New	Ongoing					New	Ongoing	New	Ongoing

4-1 Asia

Southeast Asia

Region / Country	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	2016		2015		2014		2013		2012		Disbursements (FY2016) (¥1 billion)	JICA's Grants (FY2016) (¥1 billion)***	
					Persons	Expense	Persons	Expense	Persons	Expense	Persons	Expense	Persons	Expense			
Brunei Darussalam	0.04			0.002	7												
					Expense					1,354		902					
					Cumulative Total	3,947											
Cambodia	76.04	32.80	26.72	3.969	652	68	331	36	226	18			16	33	7	17	
					Expense	422,816	2,048,267	1,030,406	179,613	69,751	113,273	105,331					
					Cumulative Total	82,635											
Indonesia	7.65	59.00	-1,273.80	6.192	818	21	491	86	366	8			10	40	2	9	
					Expense	634,733	3,343,088	1,838,796	68,984	154,767	100,279	50,859					
					Cumulative Total	351,081											
Laos	16.62	29.75	11.83	2.823	380	36	413	57	80	5			31	57	4	6	
					Expense	298,067	1,466,367	622,984	69,601	83,862	246,103	35,576					
					Cumulative Total	73,088											
Malaysia	0.52	12.15	-106.51	1.221	316	30	182	14	50				9	19	4	5	
					Expense	230,282	603,892	230,096	2,417	8,799	96,222	49,470					
					Cumulative Total	116,811											
Myanmar	209.58	97.40	199.28	9.812	857	147	851	91	1,137	46					9	11	
					Expense	1,238,438	4,039,886	4,228,638	168,312	67,696		68,560					
					Cumulative Total	78,807											
Philippines	20.64	61.45	-292.95	4.326	375	17	517	38	647	33			25	45	1	2	
					Expense	344,222	1,542,717	2,091,196	4,185	120,958	214,704	8,356					
					Cumulative Total	230,066											
Singapore	1.07	0.26		0.030													
					Expense												
					Cumulative Total	21,848											
Thailand	11.10	24.76	75.79	2.562	302	7	164	33	372	6			24	35	3	12	
					Expense	179,463	1,147,125	922,983	11,639	108,445	129,236	63,543					
					Cumulative Total	229,199											
Timor-Leste	21.99	9.32	5.29	0.834	171	11	144	11	23				19	20			
					Expense	150,440	481,560	70,503	27,720		103,452						
					Cumulative Total	12,416											
Viet Nam	9.28	94.76	1,061.32	9.040	886	73	1,281	124	907	39			23	39	9	18	
					Expense	659,700	4,258,843	3,413,398	103,530	377,281	139,202	88,023					
					Cumulative Total	150,994											

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)											JICA's F and IC* Disbursements (FY2016) (¥1 billion)	JICA's Grants (FY2016) (¥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	0.98	5.95	-956.15	2016	0.500	Persons	133	1	50	2	67										
				Expense	101,645			271,885			52,418			53,003		17,386		3,816			
				Cumulative Total	184.498	Persons	37,102			9,391			13,734					799		33	
Hong Kong				2016	0.000	Expense							266								
				Cumulative Total	1.909	Persons	653			37		39									
				Expense	1,157,472			313,236			49,766		386,594		1,725						
Macao				2016	0.001	Persons															
				Cumulative Total	0.001	Expense															
				Persons	1																
Mongolia	8.72	23.91	142.20	2016	2.511	Expense	381	6	599	24	120	10			22	57	3	3			
				Cumulative Total	45.253	Persons	317,852			1,322,553			366,407		127,652		89,933		254,218		32,181
				Expense	4,800			3,620			3,587							527		138	
Republic of Korea				2016	0.003	Expense															
				Cumulative Total	24.473	Persons															
				Expense	6,178			1,635			1,074										
Afghanistan	267.94	32.82		2016	3.458	Expense	466	277	112	7	11										
				Cumulative Total	58.779	Persons	1,585,523			1,545,149			222,923		7,861		96,986				
				Expense	5,134			1,985			1,909										
Bangladesh	24.65	42.00	394.13	2016	4.155	Expense	298	7	209	49	275	9				10		1			
				Cumulative Total	81.119	Persons	270,235			1,716,414			2,004,405		76,380		59,826		24,962		3,266
				Expense	13,125			3,462			5,956							1,265		20	
Bhutan	9.29	10.23	0.19	2016	1.498	Expense	109	3	85	11	88	5			25	17	4	8			
				Cumulative Total	20.093	Persons	105,804			511,809			711,375		43,462		2,550		88,854		33,947
				Expense	1,953			633			1,063							434		142	
India	7.81	48.52	951.28	2016	15.950	Expense	218	32	370	30	648	53			3	18	2				
				Cumulative Total	64.251	Persons	245,747			1,798,082			13,559,003		29,866		263,144		50,389		3,350
				Expense	7,587			2,926			5,202							203		2	
Maldives	5.61	2.48	-0.55	2016	0.267	Expense	55	2	6	1	32					3	20				
				Cumulative Total	7.586	Persons	59,376			18,845			130,755						58,250		
				Expense	1,054			97			460							329		11	
Nepal	16.13	22.20	26.50	2016	3.293	Expense	196	3	251	28	193	16			20	42	4	5			
				Cumulative Total	74.128	Persons	195,095			1,050,400			1,611,771		97,234		149,184		164,996		24,751
				Expense	5,871			3,271			4,316							1,175		173	
Pakistan	58.38	23.55	110.55	2016	2.508	Expense	203	8	269	33	53	2									
				Cumulative Total	56.205	Persons	211,761			1,703,830			407,343		101,090		83,663				
				Expense	6,847			2,251			4,374							167		54	
Sri Lanka	13.84	20.24	-38.00	2016	2.938	Expense	223	13	170	19	284	2			43	56	8	12			
				Cumulative Total	80.395	Persons	238,851			786,167			1,472,479		54,063		123,188		217,699		45,860
				Expense	13,023			2,738			5,515							1,000		88	
Armenia	2.02	2.62	-10.32	2016	0.328	Expense	43	1	22	2	19	10									
				Cumulative Total	4.192	Persons	51,986			90,986			182,997		1,665		661				
				Expense	639			129			456										
Azerbaijan	0.46	0.91	36.81	2016	0.055	Expense	34														
				Cumulative Total	3.469	Persons	41,353						13,330								
				Expense	581			9			388										
Georgia	1.07	0.84	13.50	2016	0.103	Expense	42	1	1		9										
				Cumulative Total	2.113	Persons	50,681			8,270			42,872				947				
				Expense	489			28			204										
Kazakhstan	0.31	1.93	-38.18	2016	0.155	Expense	81	1	4	2	4										
				Cumulative Total	13.338	Persons	675,525			198,881			980,921		99,554		158,099				
				Expense	82,328			66,331			5,884										
Kyrgyz Republic	4.48	8.29	-0.48	2016	0.880	Expense	168	2	74	11	11	1			15	29	2				
				Cumulative Total	16.734	Persons	181,695			418,507			157,285		11,986		5,057		104,534		1,320
				Expense	2,029			563			1,011							197		39	
Tajikistan	25.41	5.59		2016	0.723	Expense	131		26	3	17						2	1			
				Cumulative Total	7.370	Persons	150,113			399,906			159,916		4,418					8,760	
				Expense	2,138			197			394								8		
Turkmenistan		0.49	-2.01	2016	0.022	Expense	17														
				Cumulative Total	0.936	Persons	21,892						33								
				Expense	516			62			107,950										
Uzbekistan	9.77	6.73	149.90	2016	0.666	Expense	122	20	56	5	61	2			15	32	4	9			
				Cumulative Total	16.998	Persons	97,741			317,302			105,650		4,758		100,675		39,799		
				Expense	2,325			1,026			1,250							222		73	
Expense	2,945,155			4,116,120			4,975,604		1,021,816		1,458,729		1,768,272		712,140						

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)											JICA's F and IC* (FY2016) (¥1 billion)	JICA's Grants (FY2016) (¥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					
Australia				2016	0.002	Persons														
				Expense						2,402										
Cook Islands	0.17	0.06		2016	0.011	Persons	22		1											
				Expense						10,886										
Fiji	4.00	6.73	-1.12	2016	0.672	Persons	133	1	68	12	16					11	30	7	7	
				Expense						168,718	203,791	149,481	9,752					85,729		54,226
Guam				2016		Persons														
				Expense																
Kiribati	0.47	2.13		2016	0.224	Persons	39		1	1					2	14				
				Expense						43,663	10,698	115,605						54,286		
Marshall Islands	2.20	1.62		2016	0.213	Persons	19		1	16					5	12	4	6		
				Expense						25,859	12,361	81,797						52,367		40,158
Micronesia	3.19	2.18		2016	0.270	Persons	34	1	8	3					2	11	4	8		
				Expense						49,076	31,113	107,271						42,178		40,755
Nauru	2.06	0.13		2016	0.011	Persons	18													
				Expense						11,316										
New Zealand				2016	0.004	Persons														
				Expense							2,218	1,439								
Niue	0.18	0.05		2016	0.010	Persons	7													
				Expense						9,005		1,435								
Palau	8.10	2.36		2016	0.403	Persons	30	1	1	2	2				4	10	4	3		
				Expense						54,434	67,970	212,715						38,114		30,133
Papua New Guinea	19.65	12.55	12.06	2016	1.229	Persons	154	9	123	17	40	1			9	46		7		
				Expense						227,004	361,902	360,792	15,638	6,554			208,470		48,564	
Samoa	11.66	4.85	0.08	2016	0.553	Persons	56		40	7	18				15	21	2	10		
				Expense						92,056	112,757	168,963	133				132,162		46,887	
Solomon Islands	15.12	3.82		2016	0.420	Persons	57	1	23	7	10				11	22	6	5		
				Expense						90,860	164,437	19,394	17,063	1,074			83,752		43,543	
Tonga	10.41	2.48		2016	0.352	Persons	30	1	6	3	19				11	23	6	9		
				Expense						59,533	40,594	127,915					80,840		43,189	
Tuvalu	0.59	1.28		2016	0.191	Persons	69	1	1		15									
				Expense						37,262		10,542					142,999			
Vanuatu	0.49	3.51	23.82	2016	0.420	Persons	35		22	3	18				17	22	2	10		
				Expense						44,069	114,164	66,169					635	133,033		61,649

4-3 North America and Latin America
Central America and the Caribbean

Antigua and Barbuda	4.93	0.21		2016	0.030	Persons	7		1	1										
				Expense						12,506		17,644								
Bahamas	1.84	0.06		2016	0.007	Persons	2													
				Expense						3,314		4,177								

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC*	JICA's Grants (FY2016) (¥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
4-3 North America and Latin America Central America and the Caribbean (Continued)																	
Barbados		0.04		2016	0.003	Persons	1										
				Expense	1,424				1,359								
Belize	0.09	1.09		2016	0.133	Persons	11		1	1					8	14	1
				Expense	20,033		14,660		1,297					91,959		5,346	
Costa Rica	2.98	4.09	21.13	2016	0.474	Persons	90	1	19	5	8	1			21	15	4
				Expense	87,677		170,259		75,868				3,326		87,510		48,866
Cuba	16.40	3.69		2016	0.435	Persons	31	2	28	5	13	3					
				Expense	37,487		199,960		170,425		1,392		25,664				
Dominica	2.90	0.01		2016	0.007	Persons	5										
				Expense	7,467												
Dominican Republic	0.81	9.25	-9.26	2016	0.844	Persons	64		45	8	1			22	23	7	
				Expense	67,523		441,324		34,268		71,650		31,436		145,982		52,164
El Salvador	1.72	10.02	-16.55	2016	0.932	Persons	101	4	64	14	7					37	
				Expense	116,402		605,031		49,456		3,478		33,477		96,251		27,576
Grenada	4.25	0.08		2016	0.011	Persons	8										
				Expense	9,994				775								
Guatemala	0.25	5.03	-9.66	2016	0.706	Persons	115	1	41	7	2			35	41	2	
				Expense	89,552		326,100		29,274		54,813		11,031		192,138		3,412
Guyana	0.08	0.58		2016	0.067	Persons	10		2	1	2						
				Expense	15,985		22,175		11,663								17,346
Haiti	18.95	2.50		2016	0.316	Persons	13		15	3	12						
				Expense	18,438		205,489		80,332		7,887		3,676				
Honduras	2.87	9.83		2016	0.915	Persons	78	1	50	16	15	8		21	43		
				Expense	90,201		453,930		165,815		15,528		1,446		187,752		
Jamaica	0.55	2.56	-14.52	2016	0.408	Persons	18		1	2	5	14		23	13	10	
				Expense	28,012		33,446		165,054		6,905		108,890		66,172		
Mexico	0.15	9.39	-3.35	2016	1.020	Persons	148	37	33	8	17	1			1	2	
				Expense	277,165		575,791		61,314		39,176		2,373		64,589		
Montserrat				2016		Persons											
				Expense													
Netherlands Antilles Curacao				2016	0.007	Persons	1										
				Expense	529					6,144							
Nicaragua	9.93	9.22	3.25	2016	1.248	Persons	73	6	54	13	29	7		15	31	2	
				Expense	114,453		574,765		281,688		45,480		78,124		114,696		39,223
Panama	0.63	5.97	-15.89	2016	1.092	Persons	50		10	7	104			7	10	1	
				Expense	65,317		107,261		838,381		24,202		46,119		10,792		
Puerto Rico				2016		Persons											
				Expense													
Saint Christopher and Nevis	1.59	0.08		2016	0.013	Persons	9										
				Expense	12,346				911								
Saint Lucia	4.16	1.42		2016	0.176	Persons	12		2	2	18		25	6	1		
				Expense	20,493		29,639		59,182				49,400		17,322		
St. Vincent and the Grenadines	3.43	0.32		2016	0.040	Persons	10			1				2	1		
				Expense	17,602		13,766							8,837			
				Cumulative Total		Persons											
				Cumulative Total		Expense											

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC*	JICA's Grants (FY2016) (¥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
4-3 North America and Latin America Central America and the Caribbean (Continued)																	
Suriname	0.18	0.09		2016	0.013	Persons	6										
				Expense	13,010												
Trinidad and Tobago	0.46	0.02		2016	0.002	Persons	1	1									
				Expense	1,945				474								
				Cumulative Total	3.290	Persons	167		70	142							
				Expense	394,966		1,829,002		640,015	413,255	12,937						

South America

Argentina	0.41	3.58	-14.36	2016	0.412	Persons	75	2	14	2	3					36	10	
				Expense	110,622		135,012		22,629	12,174	6,018					125,489		
Bolivia	1.79	7.99	1.16	2016	0.916	Persons	79	4	36	13	43	6			29	43	5	11
				Expense	100,858		397,097		139,601	23,977	25,077				172,672	56,242		
Brazil	2.76	17.64	-35.08	2016	1.810	Persons	293	5	81	16	15						80	55
				Expense	381,286		590,616		244,354	5,567	101,954				485,784			
Chile	0.37	2.84	-0.93	2016	0.328	Persons	68		21	2	6				3	4	3	12
				Expense	69,502		131,750		32,538					28,476	65,376			
Colombia	3.93	8.84		2016	0.843	Persons	105	2	29	10	14				15	14	11	21
				Expense	120,004		384,913		65,781	17,323	21,141			83,090	150,896			
Ecuador	9.82	8.82	-9.14	2016	0.961	Persons	84	3	16	13	44				10	31	5	6
				Expense	94,544		310,405		403,365	5,247	8,204			103,754	35,573			
Paraguay	12.54	10.71	-27.04	2016	1.183	Persons	92	3	42	19	36				30	50	7	21
				Expense	119,652		416,862		274,451	17,228	24,095			208,724	122,204			
Peru	5.63	12.48	-74.15	2016	1.020	Persons	92	2	44	8	43	2			47	31	1	9
				Expense	111,363		449,073		162,848	7,608	53,378			178,619	57,108			
Uruguay	0.67	1.61		2016	0.174	Persons	26	2	2	1	1						11	15
				Expense	28,397		18,783		5,331					121,980				
Venezuela	0.12	0.50		2016	0.039	Persons	27			1						3		
				Expense	33,472		3,230							2,400				
				Cumulative Total	10.692	Persons	1,615		265	578					105			
				Expense	2,816,026		2,665,716		3,365,381	764,240	115,444			961,843				

North America

Canada				2016	0.007	Persons	4										
				Expense	2,639				4,498		81						
United States of America				2016	0.183	Persons			1	2							
				Expense			26,220		104,516		52,174						
				Cumulative Total	1.808	Persons	11		69	166							
				Expense	1,295		473,208		650,056	136,945	546,690						

4-4 Middle East

Algeria	0.08	0.85	-0.74	2016	0.102	Persons	31	7	1	1	2						
				Expense	59,250		39,534		3,155								
Bahrain		0.03		2016		Persons											
				Expense													
Egypt	6.68	20.70	1.62	2016	3.322	Persons	216	32	163	15	230	6		4	9	2	1
				Expense	418,481		1,629,522		887,195	283,231	64,087			37,187	2,762		
Iran	7.57	7.65	-33.21	2016	1.122	Persons	120		65	4	146						
				Expense	115,833		484,830		509,377		11,484						
Iraq	50.87	14.63	552.58	2016	1.631	Persons	775	3	7	5	56						
				Expense	392,145		378,984		663,685		195,801						
Israel	0.40	0.01		2016	0.001	Persons											
				Expense					1,146								
Jordan	51.60	11.81	1.59	2016	1.051	Persons	93		59	16	73			12	36	3	3
				Expense	69,450		413,443		338,662	3,138	66,425			135,345	24,716		
				Cumulative Total	35.542	Persons	2,704		944	1,847				566		204	
				Expense	3,736,526		8,743,014		8,485,243	4,281,408	2,158,047			5,610,662		2,526,718	

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC*	JICA's Grants (FY2016) (¥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	
4-4 Middle East (Continued)																		
Kuwait		0.06		2016	0.005	Persons					4,689							
				Expense														
Lebanon	27.80	0.81	-6.40	2016	0.063	Persons	23	1			2							
				Expense														
Libya				2016		Persons												
				Expense														
Morocco	1.21	10.33	71.20	2016	1.150	Persons	89	16	48	17	35	4			9	25	3	21
				Expense														
Oman		0.04		2016	0.007	Persons						6,498						
				Expense														
Palestine	49.78	10.78		2016	1.451	Persons	306		140	17	20							
				Expense														
Qatar		0.01		2016	0.001	Persons						817						
				Expense														
Saudi Arabia		0.61		2016	0.066	Persons			1	2	7							
				Expense														
South Yemen				2016		Persons												
				Expense														
Syria	42.73	0.79		2016	0.157	Persons	3											
				Expense														
Tunisia	3.94	4.81	-14.52	2016	0.417	Persons	64	7	24	2	12							
				Expense														
United Arab Emirates		0.11		2016	0.012	Persons						11,804						
				Expense														
Yemen	37.08	0.01	-0.07	2016	0.003	Persons	6				3							
				Expense														

4-5 Africa																	
Angola	0.39	4.11		2016	0.455	Persons	48	4	18	8	10	1					
				Expense													
Benin	6.97	3.92		2016	0.436	Persons	65	7	6	6	7			20	35		
				Expense													
Botswana	0.33	7.35	0.25	2016	0.821	Persons	72	5	29	14	28			8	14	3	5
				Expense													
Burkina Faso	20.35	9.71		2016	1.293	Persons	114	2	47	20	76	5		1	6		
				Expense													
Burundi	2.65	0.98		2016	0.087	Persons	52	3			5						
				Expense													
Cameroon	7.97	7.82	7.83	2016	1.008	Persons	83	10	25	12	56	4		18	27	1	1
				Expense													
Cape Verde	0.11	0.43	9.59	2016	0.061	Persons	5				15	4					
				Expense													
Central African Republic	15.70			2016		Persons											
				Expense													

Statistics on Program Results 4. Geographical Distribution of JICA Operations

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC*	JICA's Grants (FY2016) (¥1 billion)**					
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 million)	Technical Cooperation Expenses** (¥1 billion)	Type (¥1 thousand)											Disbursements (FY2016) (¥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	New	Ongoing	New	Ongoing			
4-5 Africa (Continued)																				
Chad	4.89	0.19		2016	0.021	Persons	17													
				Expense		20,252					1,142									
				Cumulative Total	0.951	Persons	302					5								
Comoros	0.07	0.21		2016	0.028	Expense	12	2	2											
				Expense		17,495					9,927				210					
				Cumulative Total	1.317	Persons	215					45				42				
Congo	2.83	0.99		2016	0.111	Expense	9	2				10								
				Expense		13,944								97,218						
				Cumulative Total	1.039	Persons	190					3				110				
Côte d'Ivoire	9.62	12.53		2016	1.176	Expense	267,397			1,577				699,907		60,176	10,055			
				Expense		192	16	64	5	57	5									
				Cumulative Total	16.392	Persons	255,256					336,381				15,767		24,184		
Democratic Republic of the Congo	29.23	12.15		2016	1.485	Expense	9,726			398							173			
				Expense		95	8	88	17	77	1									
				Cumulative Total	16.593	Persons	3,220,946					4,425,932				5,380,019		933,187	150,906	2,280,540
Djibouti	5.56	3.54		2016	0.430	Expense	53			4	4	41					4	12		
				Expense		547				109								133		
				Cumulative Total	5.813	Persons	955,784					641,906				2,422,752		139,999	441,635	1,210,803
Equatorial Guinea		0.06		2016	0.009	Expense	4													
				Expense		6,632							2,117							
				Cumulative Total	0.334	Persons	91					1								
Eritrea		1.11		2016	0.151	Expense	11		1	1	4									
				Expense		18,587							54,688		11,067		66,782			
				Cumulative Total	2.619	Persons	294					41				176				
Ethiopia	38.76	22.25		2016	3.109	Expense	146	56	116	29	114	16				38	41	5	2	
				Expense		366,619							1,047,257		1,206,244		77,347	135,206	245,055	31,370
				Cumulative Total	45.818	Persons	2,871									1,897			677	40
Gabon	0.31	4.00	-0.83	2016	0.371	Expense	29	5	2	3	16	1				1	24	1	1	
				Expense		37,559							195,436		53,721		1,457	76,918	5,922	
				Cumulative Total	5.004	Persons	579					101				191			134	2
Gambia	1.19	0.59		2016	0.048	Expense	16	3												
				Expense		44,792									3,114					
				Cumulative Total	2.945	Persons	321					8				229				
Ghana	12.23	20.31		2016	2.096	Expense	401	6	119	20	38	5				41	66	1	5	
				Expense		206,778							1,030,284		438,237		72,406	41,274	287,373	19,733
				Cumulative Total	57.447	Persons	4,295									1,946			1,321	31
Guinea	14.57	3.45		2016	0.464	Expense	50	2	6	2	44	4								
				Expense		8,733,818							16,995,424		9,521,007		4,794,010	4,169,188	12,930,979	302,636
				Cumulative Total	7.927	Persons	749					48				740				
Guinea-Bissau	1.19	0.09		2016	0.010	Expense	4		3											
				Expense		9,628														
				Cumulative Total	0.881	Persons	170					8				81				
Kenya	33.51	44.64	4.62	2016	4.407	Expense	759	112	339	50	174	13				33	45	4	5	
				Expense		798,080							2,195,631		891,528		180,471	109,681	200,118	31,725
				Cumulative Total	122.219	Persons	13,071							3,682		4,565			1,616	43
Lesotho	0.15	0.24		2016	0.029	Expense	27													
				Expense		28,735														
				Cumulative Total	1.260	Persons	727									72				3
Liberia	23.72	2.54		2016	0.315	Expense	66	1	8	4	6									
				Expense		115,639							129,608		69,173		556			
				Cumulative Total	5.901	Persons	560									228				170
Madagascar	3.11	5.19		2016	0.817	Expense	76	8	30	10	26					5	20			
				Expense		140,414							348,588		229,160		10,268	10,085	78,898	
				Cumulative Total	19.829	Persons	1,033									494			151	
Malawi	6.92	13.46		2016	1.352	Expense	162	17	72	24	20					37	83	2	4	
				Expense		274,243							687,148		62,276		3,988	281,293	12,864	
				Cumulative Total	44.432	Persons	3,125									1,381			1,745	47
Mali	8.29	0.94		2016	0.390	Expense	50		1	1	11	2								
				Expense		58,449							29,757		301,713					
				Cumulative Total	10.256	Persons	767							48		843			11	
Mauritania	14.77	0.80		2016	0.177	Expense	30	4	1		23									
				Expense		33,119							10,595		128,872		4,704			
				Cumulative Total	6.613	Persons	692							46		669				
Mauritius	2.81	0.99	-2.44	2016	0.106	Expense	23	2	12	4										
				Expense		39,868							66,323							
				Cumulative Total	6.088	Persons	535							97		492				
						Expense	851,762						2,269,334		2,477,780		363,406	125,749		

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)											JICA's F and IC*	JICA's Grants (FY2016) (¥1 billion)**		
	Grants (US\$1 million)	Technical Cooperation (US\$1 million)	Loans (US\$1 billion)	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	(¥1 billion)
4-5 Africa (Continued)																		
Mozambique	34.08	25.24	30.01	2016	2.553	Persons 180 55 Expense 450,748	261 31	82 12							25 38	2 1	4.100	1.398
				Cumulative Total	26.770	Persons 16,186 Expense 2,602,976	1,360,072	1,382	1,658	31,137	53,833			197,994		17,753		
Namibia		2.97	-8.63	2016	0.324	Persons 43 5 Expense 60,644	2 2	25 6						4 16				
				Cumulative Total	5.329	Persons 1,385 Expense 952,851	112,268	118	271	1,851,973	195,472	292,879		1,102,876				
Niger	8.50	2.04		2016	0.186	Persons 55 Expense 65,952	6 4											
				Cumulative Total	20.946	Persons 1,038 Expense 1,758,313	199	820		1,203,455	831,857		7,812,803	694				
Nigeria	4.27	11.48	0.15	2016	1.207	Persons 169 23 Expense 373,032	41 7	40 11										
				Cumulative Total	19.724	Persons 6,637 Expense 4,404,071	613,191	199,480	1,066	1,748,829	774,232							
Rwanda	14.02	13.26		2016	1.412	Persons 70 35 Expense 224,937	84 13	46 6		6,514	47,834		10 43	133,247				0.129
				Cumulative Total	14.276	Persons 1,178 Expense 2,216,334	591	620		453,353	1,610,262		2,188,716	26,224				
Sao Tome and Principe	2.25	0.12		2016	0.013	Persons 8 Expense 13,317												
				Cumulative Total	0.783	Persons 271 Expense 312,545	6	48		72,816	4,896							
Senegal	4.71	23.25	-0.28	2016	2.417	Persons 135 19 Expense 250,887	76 20	64 6		76,523	40,830		33 76	5 2	279,940	15,782	4.200	0.274
				Cumulative Total	49.106	Persons 4,291 Expense 4,726,713	928	2,171		3,162,901	3,650,940		10,947,633	118,440				
Seychelles	0.07	0.91		2016	0.044	Persons 8 1 Expense 13,224			6	31,022								
				Cumulative Total	1.921	Persons 359 Expense 851,051	14	149		56,767	77,312							
Sierra Leone	7.75	5.63		2016	0.642	Persons 70 2 Expense 114,547	53 9	2 2		20,332	14,450			319				0.140
				Cumulative Total	7.278	Persons 536 Expense 1,078,970	433	179		261,546	1,204,583							
Somalia	20.90	0.65		2016	0.072	Persons 20 Expense 31,328			3	33,796				7,068				
				Cumulative Total	1.014	Persons 142 Expense 314,695	21	51		106,032	21,547							
South Africa	0.87	9.64	-0.86	2016	1.205	Persons 132 49 Expense 385,992	38 13	60 6		22,158	28,485		4 10	2 7	33,975	30,296		
				Cumulative Total	13.665	Persons 1,718 Expense 3,231,234	565	842		520,039	943,516		896,015	101,661				
South Sudan	48.24	6.89		2016	0.702	Persons 72 5 Expense 124,490	50 7	30 3		1,060	6,874							
				Cumulative Total	8.748	Persons 450 Expense 502,173	483	420		242,580	202,064							
Sudan	22.28	14.50		2016	1.450	Persons 163 8 Expense 196,796	130 12	22 2					17 14	1 1	81,205	1,759		0.491
				Cumulative Total	22.147	Persons 3,334 Expense 3,450,715	1,159	916		2,502,978	3,228,186		433,036	1,759				
Swaziland	0.13	1.05	-1.85	2016	0.070	Persons 35 2 Expense 44,455	3 3	7 7										
				Cumulative Total	4.457	Persons 1,290 Expense 1,168,615	58	256		251,587	258,388							
Tanzania	46.33	35.03	111.07	2016	3.394	Persons 973 67 Expense 499,929	78 40	170 7		51,745	142,800		23 54	1 2	207,939	1,257	11.100	2.745
				Cumulative Total	89.117	Persons 19,360 Expense 12,979,917	2,035	3,633		7,061,969	4,803,294		14,588,743	16,710	5			
Togo	1.63	1.69		2016	0.054	Persons 31 3 Expense 33,837		1										
				Cumulative Total	2.520	Persons 528 Expense 684,381	8	212		27,603	55,733		1,465					
Uganda	24.87	17.93	23.91	2016	2.354	Persons 160 12 Expense 212,952	119 27	55 9		99,514	6,456		43 59	2 2	230,320	13,387	2.900	2.136
				Cumulative Total	30.513	Persons 3,197 Expense 4,196,647	827	1,335		1,750,379	1,966,616		4,208,469	133,815	20			
Zambia	21.14	15.83	1.78	2016	1.843	Persons 167 9 Expense 246,999	57 23	80 8		38,450	11,117		24 74	7 14	238,032	95,948	0.200	0.300
				Cumulative Total	61.827	Persons 3,768 Expense 7,369,449	1,239	2,088		5,791,907	2,887,198		13,908,089	856,206	80			
Zimbabwe	9.27	5.75		2016	0.617	Persons 77 9 Expense 121,983	8 4	45 5					13 16					
				Cumulative Total	18.926	Persons 1,837 Expense 3,210,419	103	874		1,079,099	399,622		6,550,649					
4-6 Europe																		
Albania	0.09	1.72	12.92	2016	0.212	Persons 42 Expense 36,622	15 3	7 7										
				Cumulative Total	2.923	Persons 482 Expense 951,049	62	238		151,572	154,522							
Austria				2016		Persons Expense	12	4										
				Cumulative Total	0.525	Persons Expense	475,498	12,230	30,756	6,347								

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC* Disbursements (FY2016) (¥1 billion)	JICA's Grants (FY2016) (¥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)																		
Belarus	0.16	0.06		2016	Persons													
				Expense														
Belgium				2016	Persons		1											
				Expense		26,399		3,288										
Bosnia and Herzegovina	0.55	2.40	7.96	2016	Persons	36	1	2	13									
				Expense	36,185	134,611	44,334	137	31,944									
Bulgaria			-14.64	2016	Persons													
				Expense														
Croatia		0.01		2016	Persons					857								
				Expense														
Cyprus				2016	Persons													
				Expense														
Czech Republic				2016	Persons													
				Expense														
Denmark				2016	Persons													
				Expense														
Estonia				2016	Persons													
				Expense														
Finland				2016	Persons													
				Expense														
France				2016	Persons			1										
				Expense			9,801	24,036										
Germany				2016	Persons													
				Expense														
Greece				2016	Persons													
				Expense														
Hungary				2016	Persons													
				Expense														
Iceland				2016	Persons													
				Expense														
Ireland				2016	Persons													
				Expense														
Italy				2016	Persons													
				Expense														
Kosovo	0.33	0.93		2016	Persons	63	1	22	4	1								
				Expense	57,674	149,232	2,684	8,375										
Latvia				2016	Persons													
				Expense														
Lithuania				2016	Persons													
				Expense														
Luxembourg				2016	Persons													
				Expense														

Region / Country	Japan's ODA (2016)			JICA's Technical Cooperation (FY2016)										JICA's F and IC* Disbursements (FY2016) (¥1 billion)	JICA's Grants (FY2016) (¥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				2016	Persons													
				Cumulative Total	Expense	77	18	16										
Moldova	1.09	1.02	0.60	2016	Persons	26	1	11	2	11								
				Cumulative Total	Expense	26,908	36,617	19,096										
Monaco				2016	Persons													
				Cumulative Total	Expense					2								
Montenegro	0.46	0.64		2016	Persons	22												
				Cumulative Total	Expense	14,328	3	34	9,342									
Netherlands				2016	Persons													
				Cumulative Total	Expense	7				10								
Norway				2016	Persons													
				Cumulative Total	Expense					2,320								
Poland				2016	Persons													
				Cumulative Total	Expense	830	287	593						106		1		
Portugal				2016	Persons													
				Cumulative Total	Expense	1,672,727	1,909,527	2,957,573	952,167	58,409	1,427,106	15,346						
Romania		0.01	-23.60	2016	Persons													
				Cumulative Total	Expense	988	178	617						118				
Russia				2016	Persons													
				Cumulative Total	Expense	2	4	8										
Serbia	4.05	3.80	-0.05	2016	Persons	53	40	8	27							2	2	
				Cumulative Total	Expense	19,768	350,120	19,537	52,913	12,223								
Slovakia				2016	Persons													
				Cumulative Total	Expense	686	346	327										
Slovenia				2016	Persons													
				Cumulative Total	Expense	92	7	40										
Soviet Union				2016	Persons													
				Cumulative Total	Expense					34								
Spain				2016	Persons													
				Cumulative Total	Expense					2,445								
Sweden				2016	Persons													
				Cumulative Total	Expense					25				735				
Switzerland				2016	Persons													
				Cumulative Total	Expense					7,953								
The Former Yugoslav Republic of Macedonia				2016	Persons													
				Cumulative Total	Expense					2								
Turkey	20.94	7.55	-103.91	2016	Persons	102	1	6	4	28								
				Cumulative Total	Expense	100,937	98,382	141,347	15,487	30								
Ukraine	6.82	4.19	331.22	2016	Persons													
				Cumulative Total	Expense	5,222	1,560	2,374										
United Kingdom				2016	Persons													
				Cumulative Total	Expense	9,370,086	13,804,053	13,840,945	6,859,264	1,318,032	80,664	766,925						

5 Regional and Sectoral Distribution of Technical Cooperation (FY2016)

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	7,684	146	2,135	490	637	282	200	809	61	65	114	31	103	265	423	55	763		562	263	280
	Ongoing	787	12	31		30	12		47	9		4	15	20				580		27		
	Total	8,471	158	2,166	490	667	294	200	856	70	65	118	46	103	285	423	55	1,343		589	263	280
Experts Dispatched	New	6,697	150	1,013	732	1,024	379	96	544	74	241	12	22	101	213	248	33	842	14	433	190	336
	Ongoing	717	17	123	36	89	32	5	68	10	49	5	1	15	12	33	1	58		40	6	117
	Total	7,414	167	1,136	768	1,113	411	101	612	84	290	17	23	116	225	281	34	900	14	473	196	453
Members of Study Teams Dispatched	New	5,900	395	518	407	1,860	264	61	325	5	75	34	17	44	335	113	162	554		408	28	295
	Ongoing	265	30	4	28	82	15		26		4		1	19	5		34		12		5	
	Total	6,165	425	522	435	1,942	279	61	351	5	79	34	18	44	354	118	162	588		420	28	300
JOCVs Dispatched	New	305	18	9		3	2	11	5		2		3		4	6	143	13	58	28		
	Ongoing	573	77	19		1		17	3	1	1		9		11	15	251	21	116	31		
	Total	878	95	28		4	2	28	8	1	3		12		15	21	394	34	174	59		
Other Volunteers Dispatched	New	68		11	2	5	2	4				1		6		3	1	20	7	4	2	
	Ongoing	120		6	6	2	2	3	7	2				14	2	16	4	29	8	14	5	
	Total	188		17	8	7	5	11	2			1		20	2	19	5	49	15	18	7	

5-2 Pacific

Training Participants	New	703	106	110	50	98	26	19	5	4	11	33	4		21	12	9	113		52	6	24
	Ongoing	15		1		5			2			3			1			3				
	Total	718	106	111	50	103	26	19	7	4	11	36	4		22	12	9	116		52	6	24
Experts Dispatched	New	310	2	19	70	51			3		41	4	4		1		22	50		22		21
	Ongoing	56	3	3	5	2					4	1						7		3		28
	Total	366	5	22	75	53			3		45	5	4		1		22	57		25		49
Members of Study Teams Dispatched	New	163	16	6	8	27	19	6			4	10			51					10		6
	Ongoing	1	1																			
	Total	164	17	6	8	27	19	6			4	10			51					10		6
JOCVs Dispatched	New	87	6	3		1		2		1								45	9	18	2	
	Ongoing	211	23	10	2	2	1	1		2			3		2	1	110	2	50	2		
	Total	298	29	13	2	3	1	3		3			3		2	1	155	11	68	4		
Other Volunteers Dispatched	New	35		1	2	1	1			1	1	1		4		2		11		10		
	Ongoing	65		5	5	3	2		5	1		7		5	1	2	2	8	1	15	3	
	Total	100		6	7	4	3		5	2	1	8		9	1	4	2	19	1	25	3	

5-3 North America and Latin America

Training Participants	New	1,808	22	336	65	86	85	14	115	8	51	11	1	15	67	98	33	322		110	35	334
	Ongoing	76	1	1		6	1		1	1		1	2		1			28	33			
	Total	1,884	23	337	65	92	86	14	116	9	51	12	3	15	68	98	33	350	33	110	35	334
Experts Dispatched	New	654	22	79	35	15	68	1	80	8	53	1		24		10	18	76		71	15	78
	Ongoing	181	17	13	8	1	11	1	20	1	12	3		2	1	4	1	6		8	5	67
	Total	835	39	92	43	16	79	2	100	9	65	4		26	1	14	19	82		79	20	145
Members of Study Teams Dispatched	New	558	4	17	33	195	61	3	22		13			12	60	7		6		29	5	91
	Ongoing	49		1	7	8	11	14	1						2			1		4		
	Total	607	4	18	40	203	72	17	23		13			12	62	7		7		33	5	91
JOCVs Dispatched	New	313	16	7		2		6	11		26			5	1	4	1	164	12	41	17	
	Ongoing	411	54	12	1	3		13	4	1			2		4	5	184	17	100	11		
	Total	724	70	19	1	5		19	15	1	26		7	1	8	6	348	29	141	28		
Other Volunteers Dispatched	New	186	5	5	4	7		7	1		3		4		9	2	73	48	10	7	1	
	Ongoing	226	4	8	7	3	8		8	2			23	1	28	1	55	48	11	16	3	
	Total	412	9	13	11	3	15		15	3		3		27	1	37	3	128	96	21	23	4

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	1,728	34	318	52	64	40	3	426	1	19	30		3	357	67	34	113	7	63	33	64	
	Ongoing	66	1	3		6			1	1		3		3				48					
	Total	1,794	35	321	52	70	40	3	427	2	19	33		3	360	67	34	161	7	63	33	64	
Experts Dispatched	New	508	20	94	11	7			40		14	13		23	6	65	104	52	25	16	2	16	
	Ongoing	79	21	10			1		12			2			6	1	8	1	1	1	2	14	
	Total	587	41	104	11	7	1		52		14	15		23	6	71	105	60	26	17	4	30	
Members of Study Teams Dispatched	New	623	1	122	85	8	19		73			23			139	2	9	99			16	13	14
	Ongoing	10							4			4						2					
	Total	633	1	122	85	8	19		77			27			139	2	9	101			16	13	14
JOCVs Dispatched	New	25		2														18			4	1	
	Ongoing	70	4	1			1						2					41	4		11	6	
	Total	95	4	3			1						2					59	4		15	7	
Other Volunteers Dispatched	New	8					1	1							2			3					1
	Ongoing	25		1	1				1	1				2	1			10	3		2	3	
	Total	33		1	1			1	2	1				2	1	2		13	3		2	3	1

5-5 Africa

Training Participants	New	5,239	51	1,278	163	175	114	5	1,024	16	85	121	50	21	146	194	31	867		755	32	111
	Ongoing	579	6	7		6	1		45	4		31	32		1			430	2	14		
	Total	5,818	57	1,285	163	181	115	5	1,069	20	85	152	82	21	147	194	31	1,297	2	769	32	111
Experts Dispatched	New	1,999	15	199	149	137	63	28	333	10	82	19	8	68	160	72		328		208	36	84
	Ongoing	447	12	26	8	13	16	4	99		15	3		7	10	11	1	55	1	50	1	115
	Total	2,446	27	225	157	150	79	32	432	10	97	22	8	75	170	83	1	383	1	258	37	199
Members of Study Teams Dispatched	New	1,672	180	59	77	197	99		196		105	70	19	22	273	106	22	110	10	77		50
	Ongoing	118	12	2	12	23	18		20			5		1	10	5		5		5		
	Total	1,790	192	61	89	220	117		216		105	75	19	23	283	111	22	115	10	82		50
JOCVs Dispatched	New	402	84	5	3		2		17	1				6		5	2	200	11	58		8
	Ongoing	773	181	29	4		4	1	39	6	7	3		15		5	5	323	34	106		11
	Total	1,175	265	34	7		6	1	56	7	7	3		21		10	7	523	45	164		19
Other Volunteers Dispatched	New	37		3	2									6		3		18	4	1		
	Ongoing	50		8	1		2	1	1	2				7		6	1	13	5	3		
	Total	87		11	3		2	1	1	2				13		9	1	31	9	4		

5-6 Europe

Training Participants	New	451	14	93	12	9	53	12	29	3	66		32	1	21	22	9	16		20		39
	Ongoing	3	2						1													
	Total	454	16	93	12	9	53	12	30	3	66		32	1	21	22	9	16		20		39
Experts Dispatched	New	108		13	15		1	23							18		1			18	4	15
	Ongoing	27	3	6	3	1							1			2				4		7
	Total	135	3	19	18	1	1	23					1		18	2	1			22	4	22
Members of Study Teams Dispatched	New	314		17	148	17	45	5	18		1	1			8	1		3				50
	Ongoing	13			13																	
	Total	327		17	161	17	45	5	18		1	1			8	1		3				50
Other Volunteers Dispatched	New	2																1				1
	Ongoing	14		1			1		3						1	3		2	1		1	1
	Total	16		1			1		3						1	3		3	1		2	1

5-7 Worldwide

Experts Dispatched	New	8			8																	
	Ongoing																					
	Total	8			8																	
Members of Study Teams Dispatched	New	725		1	17	24	11		5		44		47	10	11	22		15		8	24	486
	Ongoing	12											1					2				9
	Total	737		1	17	24	11		5		44		48	10	11	22		17		8	24	495

5-8 International Organizations

Other Volunteers Dispatched	New	7				1												1				5
	Ongoing	4	1						1									1				1
	Total	11	1			1			1									2				6

6 Sectoral Distribution of Technical Cooperation Projects (FY2016)

(Unit: ¥100 million, %)

Sector	Type of Cooperation	New			Ongoing			Total		
		Number	Amount	Share	Number	Amount	Share	Number	Amount	Share
Planning/ Administration	Development Planning	1	0.1	0.2	12	8.1	1.9	13	8.2	1.8
	Administration	12	3.4	8.0	76	64.4	15.5	88	67.7	14.8
	Subtotal	13	3.5	8.3	88	72.4	17.4	101	75.9	16.6
Public Works/ Utilities	Public Utilities	7	1.2	2.8	28	27.5	6.6	35	28.6	6.3
	Transport/Traffic	9	9.7	23.2	40	30.1	7.2	49	39.8	8.7
	Social Infrastructure	2	2.5	6.0	21	17.7	4.3	23	20.2	4.4
	Communications/Broadcasting	1	0.0	0.1	9	7.0	1.7	10	7.0	1.5
	Subtotal	19	13.4	32.1	98	82.2	19.8	117	95.7	20.9
Agriculture/ Forestry/ Fisheries	Agriculture	14	7.1	17.1	68	61.3	14.7	82	68.5	15.0
	Animal Industry	2	1.3	3.1	2	2.5	0.6	4	3.8	0.8
	Forestry	3	0.6	1.5	21	16.1	3.9	24	16.7	3.7
	Fisheries	3	1.3	3.1	6	3.7	0.9	9	5.0	1.1
	Subtotal	22	10.4	24.8	97	83.6	20.1	119	94.0	20.5
Mining/ Industry	Mining				4	1.7	0.4	4	1.7	0.4
	Industry	2	0.2	0.4	10	11.6	2.8	12	11.7	2.6
	Subtotal	2	0.2	0.4	14	13.2	3.2	16	13.4	2.9
Energy		1	0.1	0.3	10	12.4	3.0	11	12.5	2.7
Business/ Tourism	Business/Trade	4	0.6	1.3	19	13.0	3.1	23	13.5	3.0
	Tourism				3	5.3	1.3	3	5.3	1.2
	Subtotal	4	0.6	1.3	22	18.3	4.4	26	18.8	4.1
Human Resources	Human Resources	12	10.8	25.8	59	85.2	20.5	71	96.0	21.0
	Science/Culture				1	0.3	0.1	1	0.3	0.1
	Subtotal	12	10.8	25.8	60	85.5	20.6	72	96.3	21.0
Health/Medical Care		11	1.9	4.5	48	37.9	9.1	59	39.8	8.7
Social Welfare		6	0.6	1.4	12	4.3	1.0	18	4.9	1.1
Others		3	0.5	1.2	7	6.0	1.5	10	6.5	1.4
Grand Total		93	41.8	100.0	456	415.9	100.0	549	457.8	100.0

Note: Projects for which Record of Discussions (R/D) were signed in FY2016 are classified as New, and projects for which R/D were signed in or before FY2015 and disbursement was made in FY2016 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 FY2016.

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

7 Sectoral Distribution of Grant Projects (FY2016)

(Unit: ¥100 million, %)

Sector	Number	Total *	Share		
Planning/ Administration	Environment	1	9.62	1.0	
	Subtotal	1	9.62	1.0	
Public Works/ Utilities	Water Supply	9	68.65	7.0	
	Sewerage	1	6.79	0.7	
	Urban Sanitation	1	1.09	0.1	
	General Transportation	2	17.48	1.8	
	Roads	21	266.54	27.2	
	Land Transportation	1	1.95	0.2	
	Maritime Traffic and Ships	1	18.30	1.9	
	Ports	7	58.63	6.0	
	Aviation and Airports	3	25.06	2.6	
	Meteorology and Earthquake	3	39.93	4.1	
	General Communication and Broadcasting	2	24.01	2.4	
	Subtotal	51	528.43	53.9	
	Agriculture/ Forestry/ Fisheries	General Agriculture	1	16.67	1.7
		Agriculture Engineering	2	2.35	0.2
Agricultural Machines		1	2.50	0.3	
Livestock Hygiene		1	14.17	1.4	
Fisheries		7	53.34	5.4	
Subtotal		12	89.03	9.1	
Energy	Electric Power	7	83.96	8.6	
	Subtotal	7	83.96	8.6	

Sector	Number	Total *	Share	
Business/ Tourism	Tourist Facilities	1	0.74	0.1
	Subtotal	1	0.74	0.1
Human Resources	Education	6	29.38	3.0
	Basic Education	1	5.00	0.5
	Higher Education	41	33.41	3.4
	Vocational Training	1	32.50	3.3
	Culture	4	8.15	0.8
	Subtotal	53	108.44	11.1
Health/ Medical Care	Health and Medical Care	15	159.86	16.3
	Subtotal	15	159.86	16.3
Grand Total	140	980.08	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 2015 of G/A projects concluded in fiscal 2016. Increase in maximum amount committed according to amendment of G/A concluded prior to fiscal 2015 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, %)

		FY2012			FY2013			FY2014			FY2015			FY2016			
		Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	Number	Total	Share	
ODA Loans	Commitments	Asia	38	10,332	84.5	38	7,846	79.6	31	5,848	57.7	51	14,748	71.1	36	11,239	76.6
		Pacific	1	49	0.4	1	83	0.8				2	315	1.5			
		North and Latin America	6	475	3.9	2	115	1.2	7	752	7.4				3	961	6.5
		Middle East	6	901	7.4	4	709	7.2	4	746	7.4	8	2,077	10.0	4	1,259	8.6
		Africa	4	472	3.9	6	519	5.3	4	482	4.8	6	1,344	6.5	8	1,216	8.3
		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			
		Others															
	Total	55	12,229	100.0	53	9,857	100.0	49	10,138	100.0	71	20,745	100.0	51	14,674	100.0	
			8,644			7,495			8,273			9,700			8,790		
		7,891			7,050			6,725			6,960			7,003			
		113,423			113,490			115,038			117,825			119,611			
Private-Sector Investment Finance	Commitments (loan)	1	38		1	1					2	39		2	99		
	(Investment)								2	21		2	1,824		4	84	
	Disbursements		3			3			6			15			257		
	Recovered		330			58			250			8			4		
	Outstanding		727			666			422			429			682		

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.

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: FY2012: ¥11,200 million; FY2013: ¥56,000 million; FY2014: ¥5,000 million; FY2015: ¥12,300 million; FY2016: ¥4,900 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.

9 Sectoral Distribution of Finance and Investment Cooperation

(Unit: ¥100 million, %)

Sector	FY2016									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	6	2,122	14.5	2	99	54.1	8	2,222	15.0	682	74,530	21.4	22	291	4.0	704	74,821	21.1
Multipurpose Dams										61	2,738	0.8	3	8	0.1	64	2,746	0.8
Power Plants	4	1,954	13.3	2	99	54.1	6	2,053	13.8	402	49,546	14.3	14	173	2.4	416	49,719	14.0
Transmission Lines and Distribution Systems	1	49	0.3				1	49	0.3	179	17,055	4.9	2	15	0.2	181	17,069	4.8
Gas										17	2,884	0.8	3	95	1.3	20	2,979	0.8
Others	1	120	0.8				1	120	0.8	23	2,307	0.7				23	2,307	0.6
Transportation	19	8,200	55.9	1	17	9.1	20	8,217	55.3	951	115,765	33.3	33	246	3.4	984	116,010	32.7
Roads	7	2,822	19.2				7	2,822	19.0	321	32,912	9.5	10	104	1.4	331	33,015	9.3
Bridges	2	423	2.9				2	423	2.8	83	7,910	2.3				83	7,910	2.2
Railways	7	4,230	28.8				7	4,230	28.5	251	47,581	13.7	8	34	0.5	259	47,615	13.4
Airports										80	11,049	3.2	1	0	0.0	81	11,050	3.1
Ports	2	561	3.8	1	17	9.1	3	577	3.9	148	12,231	3.5	6	83	1.1	154	12,314	3.5
Marine Transportation	1	165	1.1				1	165	1.1	49	2,563	0.7	5	18	0.2	54	2,580	0.7
Others										19	1,518	0.4	3	7	0.1	22	1,525	0.4
Telecommunications										203	10,478	3.0	11	73	1.0	214	10,551	3.0
Telecommunications										177	9,313	2.7	11	73	1.0	188	9,387	2.6
Broadcasting										25	1,146	0.3				25	1,146	0.3
Others										1	19	0.0				1	19	0.0
Irrigation and Flood Control	3	779	5.3				3	779	5.2	260	16,531	4.8	4	24	0.3	264	16,555	4.7
Agriculture, Forestry and Fisheries Industry	5	462	3.1				5	462	3.1	162	10,937	3.1	259	1,396	19.1	421	12,334	3.5
Agriculture	2	201	1.4				2	201	1.4	97	6,551	1.9	123	682	9.3	220	7,233	2.0
Forestry	2	207	1.4				2	207	1.4	45	3,879	1.1	75	552	7.5	120	4,431	1.2
Fisheries	1	54	0.4				1	54	0.4	20	508	0.1	60	160	2.2	80	668	0.2
Farming													1	3	0.0	1	3	0.0
Mining and Manufacturing	1	55	0.4				1	55	0.4	243	20,008	5.8	409	2,501	34.2	652	22,510	6.3
Mining										57	2,372	0.7	158	563	7.7	215	2,936	0.8
Manufacturing	1	55	0.4				1	55	0.4	183	17,567	5.1	250	1,905	26.0	433	19,472	5.5
Others										3	70	0.0	1	33	0.5	4	103	0.0
Social Services	9	2,031	13.8	2	34	18.3	11	2,065	13.9	564	51,809	14.9	40	603	8.2	604	52,412	14.8
Water Supply, Sewerage and Sanitation	4	966	6.6				4	966	6.5	295	31,887	9.2	8	105	1.4	303	31,991	9.0
Education										84	5,462	1.6	4	8	0.1	88	5,470	1.5
Public Health and Medicine	1	63	0.4				1	63	0.4	40	2,429	0.7	2	10	0.1	42	2,439	0.7
Tourism	2	593	4.0				2	593	4.0	20	1,836	0.5	7	155	2.1	27	1,992	0.6
Urban/Rural Community Infrastructure	1	240	1.6	2	34	18.3	3	273	1.8	57	5,489	1.6	16	188	2.6	73	5,677	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	1.9	47	3,019	0.9
Others	1	170	1.2				1	170	1.1	7	1,094	0.3				7	1,094	0.3
Commodity Loans	8	1,026	7.0				8	1,026	6.9	311	44,962	12.9				311	44,962	12.7
Others				1	34	18.5	1	34	0.2	20	2,627	0.8	42	2,183	29.8	62	4,811	1.4
Grand Total	51	14,674	100.0	6	184	100.0	57	14,858	100.0	3,396	347,647	100.0	820	7,318	100.0	4,216	354,965	100.0
Rescheduling										209	21,181					209	21,181	

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

10 Geographical Distribution of ODA Loans (FY2016)

(Unit: Cases, ¥1 billion)

Region/Country			Commitments		Disbursements	Repayments	Outstanding	Accumulated	
			Number	Total	Total	Total	Total	Number	Total
Asia	Southeast Asia	Cambodia	1	11.1	3.3	0.6	26.4	21	116.6
		Indonesia	3	74.0	35.8	170.9	1,595.9	687	4,871.2
		Laos			1.1	0.5	17.3	13	48.4
		Malaysia			3.4	14.6	227.1	75	923.8
		Myanmar	6	125.0	15.5		238.9	89	1,009.0
		Philippines	2	21.4	25.0	55.0	764.1	293	2,714.5
		Singapore						2	1.2
		Thailand	1	166.9	39.6	33.0	440.6	244	2,369.5
		Timor-Leste			0.7		1.0	1	5.3
		Viet Nam	5	187.1	175.6	50.1	1,528.7	201	2,663.0
	Subtotal	18	585.5	300.0	324.8	4,840.0	1,626	14,722.6	
	East Asia	China			1.5	107.2	1,246.2	369	3,359.7
		Mongolia			15.3	1.8	79.6	16	125.9
		Republic of Korea						92	596.2
		Others						5	12.5
	Subtotal			16.7	109.0	1,325.8	482	4,094.4	
	South Asia	Afghanistan						1	0.7
		Bangladesh	6	173.5	47.1	11.6	335.5	112	1,368.2
		Bhutan			0.0		4.6	2	5.8
		India	8	308.8	206.1	90.1	1,852.7	267	4,899.6
		Maldives				0.1	2.5	1	2.7
		Nepal	1	16.6	4.7	1.0	15.2	13	121.3
		Pakistan	1	6.3	10.2	5.6	624.6	86	814.8
		Sri Lanka	2	33.1	17.5	22.3	374.1	131	1,041.3
		Subtotal	18	538.4	285.6	130.8	3,209.2	613	8,254.3
	Central Asia and the Caucasus	Armenia				1.1	27.4	2	31.8
		Azerbaijan			5.0	2.2	73.6	4	101.2
Georgia				1.7	0.3	22.4	3	27.5	
Kazakhstan					4.2	59.1	6	95.1	
Kyrgyz Republic					0.1	27.6	7	37.6	
Turkmenistan					0.2	2.4	1	4.5	
Uzbekistan				38.0	3.1	111.8	15	276.6	
Subtotal			44.7	11.2	324.3	38	574.3		
Total	36	1,123.9	647.0	575.8	9,699.3	2,759	27,645.6		
Pacific	Fiji				0.1	0.7	1	2.3	
	Papua New Guinea			2.5	1.8	13.9	17	105.7	
	Samoa			0.0		3.3	1	4.6	
	Vanuatu			2.0		4.7	2	9.5	
	Total			4.5	1.9	22.6	21	122.2	
North America and Latin America	Central America and the Caribbean	Costa Rica			3.8	1.9	23.1	6	76.2
		Dominican Republic				1.0	3.2	4	31.6
		El Salvador	1	5.0	0.0	1.8	15.4	7	56.8
		Guatemala			0.1	1.1	14.3	6	36.8
		Honduras			0.0		0.0	7	50.8
		Jamaica				1.6	3.5	9	53.4
		Mexico				0.4	0.4	9	205.4
		Nicaragua			0.5		0.7	4	22.6
	Panama	1	29.6	0.0	1.7	16.2	3	61.9	
	Subtotal	2	34.6	4.5	9.5	76.9	55	595.4	
	South America	Argentina				1.6	6.4	1	8.2
		Bolivia	1	61.5	0.1		0.1	9	111.0
		Brazil			4.5	8.6	87.7	20	331.3
		Chile						3	24.4
		Colombia						4	46.6
		Ecuador				1.0	4.7	7	63.8
		Paraguay			1.1	3.9	19.2	17	154.8
		Peru			2.2	9.8	94.5	48	421.6
		Uruguay						1	7.2
Subtotal		1	61.5	7.9	24.9	212.6	110	1,168.8	
Total	3	96.1	12.4	34.4	289.5	165	1,764.2		
Middle East	Algeria				0.1	1.1	8	13.9	
	Egypt	2	90.5	18.2	20.4	245.4	56	684.8	
	Iran				2.5	6.8	2	46.1	
	Iraq			61.5		274.2	24	604.2	
	Jordan	1	30.0	10.0	9.3	109.1	21	268.8	
	Lebanon				0.7	3.5	1	13.0	
	Morocco	1	5.4	7.2	8.3	134.6	37	311.6	
	Syria					44.0	4	138.6	
	Tunisia			6.7	7.3	70.1	41	304.5	
	Yemen				0.0	23.2	5	49.3	
	Total	4	125.9	103.6	48.7	912.1	199	2,434.9	

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			0.5	0.5	2.3	5	22.0
	Burundi						2	3.3
	Cameroon			0.7		4.9	5	23.3
	Cape Verde			0.9		8.4	3	25.9
	Central African Republic						1	0.6
	Côte d'Ivoire	1	10.9				3	23.1
	Democratic Republic of the Congo						2	35.6
	Ethiopia	1	5.5				3	9.2
	Ghana	1	11.2				18	136.3
	Guinea						4	16.0
	Kenya			11.5	8.6	124.4	39	375.6
	Liberia						1	4.0
	Madagascar	1	45.2				6	55.9
	Malawi						8	33.1
	Mali						2	8.7
	Mauritania						3	11.1
	Mauritius			0.0	0.3	1.9	4	16.1
	Mozambique			4.1	0.1	13.2	6	70.4
	Namibia				0.9	4.2	1	10.1
	Niger						1	3.2
	Nigeria			0.0		8.3	4	63.4
	Rwanda	1	6.9				4	11.5
	Senegal	2	35.9	4.2	0.0	5.1	6	51.4
	Sierra Leone						1	2.0
	Somalia					6.5	2	6.5
	South Africa				0.1	0.4	3	14.1
	Sudan					7.8	4	10.5
	Swaziland				0.2	3.1	1	4.4
Tanzania	1	6.0	11.1	0.1	46.0	22	80.1	
Togo						3	9.3	
Uganda			2.9		14.8	6	47.7	
Zambia			0.2		3.1	8	46.5	
Zimbabwe					19.8	6	38.1	
Total	8	121.6	36.1	10.9	297.9	189	1,296.5	
Europe	Albania			1.5	0.3	9.3	4	18.1
	Bosnia and Herzegovina			1.0	0.1	4.4	2	16.7
	Bulgaria				1.6	20.2	6	77.0
	Hungary						1	4.9
	Moldova			0.1		5.7	1	5.9
	Poland						1	21.4
	Romania			0.0	3.2	53.9	5	118.2
	Serbia			0.1	0.1	0.5	1	28.3
	Slovakia				0.6	4.3	1	11.1
	The Former Yugoslav Republic of Macedonia				0.5	6.3	1	9.7
	Turkey			9.3	21.1	254.5	29	697.2
	Ukraine				0.9	63.7	4	174.3
	Total			11.9	28.5	422.9	56	1,182.8
International Organizations, etc. Total			63.4	0.2	317.0	7	318.5	
Grand Total	51	1,467.4	879.0	700.3	11,961.1	3,396	34,764.7	

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 (FY2016)

(Unit: ¥1 million)

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

11-2 Debt Cancellation (FY2016)

(Unit: ¥1 million)

Country	Debt Cancellation Amount
Not applicable	

12-1 Principal Contractors under ODA Loans (FY2016 / 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 (BATTAMBANG – SRI SOPHORN)	2013.05.16	8,287	TEKKEN CORPORATION (JAPAN) / TAIYU KENSETSU CO., LTD. (JAPAN)
	NATIONAL ROAD NO. 5 IMPROVEMENT PROJECT (BATTAMBANG – SRI SOPHORN)	2013.05.16	7,304	DAIHO CORPORATION (JAPAN) / ASANUMA CONSTRUCTION LTD., INTERNATIONAL (JAPAN)
Indonesia	DEVELOPMENT OF WORLD CLASS UNIVERSITY AT UNIVERSITY OF INDONESIA	2008.03.28	3,626	OGAWA SEIKI CO, LTD. (JAPAN)
	COUNTERMEASURES FOR SEDIMENT IN WONOGIRI MULTIPURPOSE DAM RESERVOIR (I)	2009.03.31	1,257	PT. SAC NUSANTARA (INDONESIA)
	GEOTHERMAL DEVELOPMENT ACCELERATION PROGRAM (TULEHU GEOTHERMAL POWER PLANT PROJECT (E/S))	2013.03.28	3,606	PT. HALLIBURTON LOGGING SERVICES INDONESIA (INDONESIA)
	COUNTERMEASURE FOR SEDIMENT IN WONOGIRI MULTIPURPOSE DAM RESERVOIR (II)	2014.02.24	1,669	HAZAMA ANDO CORPORATION (JAPAN) / PT. WIJAYA KARYA (INDONESIA)
Laos	NAM NGUM 1 HYDROPOWER STATION EXPANSION PROJECT	2013.06.21	3,120	HAZAMA ANDO CORPORATION (JAPAN)
Philippines	ARTERIAL ROAD BYPASS PROJECT (PHASE II)	2012.03.30	1,337	C.M.PANCHO CONSTRUCTION INC. (PHILIPPINES)
	FLOOD RISK MGT. PROJECT FOR CAGAYAN, TAGOLOAN & IMUS RIVERS	2012.03.30	3,197	CAVITE IDEAL INTERNATIONAL CONSTRUCTION & DEVELOPMENT CORPORATION (PHILIPPINES)
	FLOOD RISK MGT. PROJECT FOR CAGAYAN, TAGOLOAN & IMUS RIVERS	2012.03.30	5,131	HANJIN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD. (PHILIPPINES)
	FLOOD RISK MGT. PROJECT FOR CAGAYAN, TAGOLOAN & IMUS RIVERS	2012.03.30	1,197	QINGDAO MUNICIPAL CONSTRUCTION GROUP CO., LTD. (PHILIPPINES)
	CENTRAL LUZON LINK EXPRESSWAY PROJECT	2012.03.30	3,809	HUNAN ROAD & BRIDGE CORPORATION (CHINA)
	CENTRAL LUZON LINK EXPRESSWAY PROJECT	2012.03.30	5,502	QINGDAO MUNICIPAL CONSTRUCTION GROUP CO., LTD. (CHINA)
	CENTRAL LUZON LINK EXPRESSWAY PROJECT	2012.03.30	5,824	ILSUNG CONSTRUCTION CO. LTD. (REPUBLIC OF KOREA) / PACIFIC CONCRETE PRODUCTS (PHILIPPINES)
	CENTRAL LUZON LINK EXPRESSWAY PROJECT	2012.03.30	8,960	CHINA ROAD AND BRIDGE CORPORATION (CHINA)
Thailand	MASS TRANSIT SYSTEM PROJECT IN BANGKOK (RED LINE) (III)	2016.09.30	96,950	HITACHI, LTD. (JAPAN) / MITSUBISHI HEAVY INDUSTRIES, LTD. (JAPAN) / SUMITOMO CORPORATION (JAPAN)
Viet Nam	HOA LAC SCIENCE AND TECHNOLOGY CITY DEVELOPMENT PROJECT (I)	2012.03.30	3,682	JFE ENGINEERING CORPORATION (JAPAN) / TSUKISHIMA KIKAI COMPANY LIMITED (JAPAN) / SEEN TECHNOLOGIES CORPORATION (VIET NAM)
	HOA LAC SCIENCE AND TECHNOLOGY CITY DEVELOPMENT PROJECT (I)	2012.03.30	2,160	319 CORPORATION MINISTRY OF NATIONAL DEFENCE (VIET NAM) / 36 CORPORATION (VIET NAM) / TRUONG SON CONSTRUCTION CORPORATION (VIET NAM)
	REGIONAL AND PROVINCIAL HOSPITAL DEVELOPMENT PROJECT(II)	2012.03.30	1,952	mitsubishi corporation (japan)
	SOUTHERN BINH DUONG PROVINCE WATER ENVIRONMENT IMPROVEMENT PROJECT PHASE II	2012.03.30	4,754	BACH DANG CONSTRUCTION CORPORATION (VIET NAM)
	DA NHIM HYDROPOWER EXPANSION PROJECT	2014.02.28	1,816	GE POWER INDIA LIMITED (INDIA) / ALSTOM HYDRO FRANCE (FRANCE) / MITSUBISHI CORPORATION (JAPAN)
	NORTH-SOUTH EXPRESSWAY CONSTRUCTION PROJECT (DN-QN) (III)	2016.03.31	1,279	VIETNAM CONSTRUCTION & IMPORT-EXPORT CORPORATION (VIET NAM) / INTELLIGENT BUILDING SOLUTION JOINT STOCK COMPANY (VIET NAM)
	NORTH-SOUTH EXPRESSWAY CONSTRUCTION PROJECT (DN-QN) (III)	2016.03.31	1,319	VIETNAM CONSTRUCTION & IMPORT-EXPORT CORPORATION (VIET NAM) / INTELLIGENT BUILDING SOLUTION JOINT STOCK COMPANY (VIET NAM)
	NORTH-SOUTH EXPRESSWAY CONSTRUCTION PROJECT (DN-QN) (III)	2016.03.31	1,437	VIETNAM CONSTRUCTION & IMPORT-EXPORT CORPORATION (VIET NAM)
	THAI BINH POWER PLANT AND TRANSMISSION LINES PROJECT (IV)	2016.05.28	1,178	LONG HUNG TRADING AND SERVICE COMPANY LIMITED (VIET NAM)
	HO CHI MINH CITY URBAN RAILWAY CONSTRUCTION PROJECT: BEN THANH – SUOI TIEN SECTION (LINE 1)	2016.05.28	24,505	SUMITOMO MITSUI CONSTRUCTION CO., LTD. (JAPAN) / CIVIL ENGINEERING CONSTRUCTION CORPORATION NO. 4 JSC (VIET NAM)
Bangladesh	NATIONAL POWER TRANSMISSION NETWORK DEVELOPMENT PROJECT	2013.02.20	1,440	ENERGY PAC ENGINEERING LTD. (BANGLADESH) / POSCO DAEWOO CORPORATION (REPUBLIC OF KOREA)
	NATIONAL POWER TRANSMISSION NETWORK DEVELOPMENT PROJECT	2013.02.20	7,844	ITOCHU CORPORATION (JAPAN) / FUJIKURA LTD. (JAPAN) / LS CABLE & SYSTEM LTD. (REPUBLIC OF KOREA)
	NATIONAL POWER TRANSMISSION NETWORK DEVELOPMENT PROJECT	2013.02.20	3,606	KEC INTERNATIONAL LTD. (INDIA)
	KARNAPHULI WATER SUPPLY PROJECT (PHASE 2)	2013.03.10	10,828	KUBOTA CONSTRUCTION CO., LTD. (JAPAN) / KOLON GLOBAL CORPORATION (REPUBLIC OF KOREA)
	KARNAPHULI WATER SUPPLY PROJECT (PHASE 2)	2013.03.10	5,638	CHINA GEO ENGINEERING CORPORATION (CHINA)
	KARNAPHULI WATER SUPPLY PROJECT (PHASE 2)	2013.03.10	7,657	CHINA GEO ENGINEERING CORPORATION (CHINA)
	NATURAL GAS EFFICIENCY PROJECT	2014.06.16	1,968	MAN INDUSTRIES (INDIA) LTD (INDIA)
	NATURAL GAS EFFICIENCY PROJECT	2014.06.16	1,663	TOYOKEIKI CO., LTD (JAPAN)
	NATURAL GAS EFFICIENCY PROJECT	2014.06.16	5,412	TOYOKEIKI 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	AGRA WATER SUPPLY PROJECT	2007.03.30	1,402	VOLTAS LIMITED (INDIA)
	CHENNAI METRO PROJECT (II)	2010.03.31	5,616	AFCONS INFRASTRUCTURE LTD. (INDIA)
	CHENNAI METRO PROJECT (II)	2010.03.31	7,503	LARSEN & TOUBRO LTD. (INDIA)
	DEDICATED FREIGHT CORRIDOR PROJECT (PHASE 1) (II)	2010.03.31	79,172	GAYATRI PROJECTS LTD. (INDIA) / LARSEN & TOUBRO LTD. (INDIA) / SOJITZ CORPORATION (JAPAN)
	BIHAR NATIONAL HIGHWAY IMPROVEMENT PROJECT (PHASE 2)	2014.01.30	15,483	M/s Gayatri Projects Ltd. (INDIA)
	DEDICATED FREIGHT CORRIDOR PROJECT (PHASE 2) (II)	2013.03.28	20,728	LARSEN & TOUBRO LTD. (INDIA) / SOJITZ CORPORATION (JAPAN)
	DEDICATED FREIGHT CORRIDOR PROJECT (PHASE 2) (II)	2013.03.28	9,630	LARSEN & TOUBRO LTD. (INDIA) / SOJITZ CORPORATION (JAPAN)
	DEDICATED FREIGHT CORRIDOR PROJECT (PHASE 2) (II)	2013.03.28	63,700	LARSEN & TOUBRO LTD. (INDIA) / SOJITZ CORPORATION (JAPAN)
	DEDICATED FREIGHT CORRIDOR PROJECT (PHASE 2) (II)	2013.03.28	49,776	TATA PROJECTS LTD. (INDIA) / IRCON INTERNATIONAL LTD. (INDIA) / MITSUI & CO., LTD. (JAPAN)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	33,425	J. Kumar Infracore Projects Ltd. (INDIA) / CHINA RAILWAY NO. 3 ENGINEERING GROUP CO. LIMITED (CHINA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	36,252	LARSEN & TOUBRO LTD. (INDIA) / SHANGHAI TUNNEL ENGINEERING COMPANY LIMITED (CHINA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	39,675	HINDUSTAN CONSTRUCTION COMPANY LTD. (INDIA) / OJSC MOSCOW MOSMETROSTROY (RUSSIA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	44,366	J. Kumar Infracore Projects Ltd. (INDIA) / CHINA RAILWAY NO. 3 ENGINEERING GROUP CO. LIMITED (CHINA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	47,427	LARSEN & TOUBRO LTD. (INDIA) / SHANGHAI TUNNEL ENGINEERING COMPANY LIMITED (CHINA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	43,991	Continental Engineering Corporation (TAIWAN) / ITD Cementation India Ltd (INDIA) / Tata Projects Ltd (INDIA)
	MUMBAI METRO LINE 3 PROJECT	2013.09.17	40,634	DOGUS INSAAT VE TICARET A.S (TURKEY) / SOMA ENTERPRISE LIMITED (INDIA)
	AHMEDABAD METRO PROJECT (I)	2016.03.04	12,323	SIMPLEX INFRASTRUCTURES LTD (INDIA)
	AHMEDABAD METRO PROJECT (I)	2016.03.04	15,322	LARSEN & TOUBRO LTD. (INDIA)
AHMEDABAD METRO PROJECT (I)	2016.03.04	13,303	AFCONS INFRASTRUCTURE LTD. (INDIA)	
Pakistan	PUNJAB TRANSMISSION LINES AND GRID STATIONS PROJECT (I)	2008.05.03	1,332	NORTHEAST CHINA INTERNATIONAL ELECTRIC POWER CORPORATION (CHINA)
	POLIO ERADICATION PROJECT (PHASE 2)	2016.05.19	5,940	UNITED NATIONS CHILDREN'S FUND (UNICEF) (OTHERS)
Sri Lanka	KANDY CITY WASTEWATER MANAGEMENT PROJECT	2010.03.26	1,965	SQUIRE MECH ENGINEERING (PVT) LTD (SRI LANKA)
	HABARANA-VEYANGODA TRANSMISSION LINE PROJECT	2012.03.28	5,649	mitsubishi corporation (japan) / J-POWER SYSTEMS CORPORATION (JAPAN) / CEYLEX ENGINEERING PVT LTD. (SRI LANKA)
	BANDARANAIKE INTERNATIONAL AIRPORT DEVELOPMENT PROJECT 2	2012.03.28	4,502	HAZAMA ANDO CORPORATION (JAPAN)
	PROJECT FOR IMPROVEMENT OF BASIC SOCIAL SERVICES	2012.03.28	1,240	KANEMATSU CORPORATION (JAPAN)
	MAJOR BRIDGES CONSTRUCTION PROJECT OF THE NATIONAL ROAD	2013.03.14	2,802	HAZAMA ANDO CORPORATION (JAPAN)
	LANDSLIDE DISASTER PROTECTION PROJECT OF THE NATIONAL ROAD	2013.03.14	2,577	STATE DEVELOPMENT & CONSTRUCTION CORPORATION (SRI LANKA)
	LANDSLIDE DISASTER PROTECTION PROJECT OF THE NATIONAL ROAD	2013.03.14	3,351	SOLTEC COMPANY LIMITED (JAPAN) / R R CONSTRUCTION PRIVATE LIMITED (SRI LANKA)
	GREATER COLOMBO TRANSMISSION DISTRIBUTION LOSS REDUCTION PROJECT	2013.03.14	1,035	ABB AG (GERMANY)
	GREATER COLOMBO TRANSMISSION DISTRIBUTION LOSS REDUCTION PROJECT	2013.03.14	5,814	Hyosung Corporation (REPUBLIC OF KOREA)
Uzbekistan	NAVOI THERMAL POWER STATION MODERNIZATION PROJECT	2013.08.22	46,915	mitsubishi corporation (japan) / MITSUBISHI HITACHI POWER SYSTEMS LIMITED (JAPAN)
	TURAKURGAN THERMAL POWER STATION CONSTRUCTION PROJECT	2014.11.10	83,011	mitsubishi corporation (japan) / MITSUBISHI HITACHI POWER SYSTEMS LIMITED (JAPAN)
Costa Rica	LAS PAILAS II GEOTHERMAL PROJECT (GUANACASTE GEOTHERMAL DEVELOPMENT SECTOR LOAN)	2014.08.18	6,416	INITEC ENERGIA, S.A. (SPAIN)
Peru	SOLID WASTE MANAGEMENT PROJECT	2012.10.12	1,105	DIVEIMPORT S.A (PERU)
Iraq	KHOR AL-ZUBAIR FERTILIZER PLANT REHABILITATION PROJECT	2008.01.25	2,932	INTERNATIONAL DEVELOPMENT COMPANY OF OIL EQUIPMENT (UNITED ARAB EMIRATES)/ INTERNATIONAL DEVELOPMENT COMPANY (UNITED ARAB EMIRATES)
	ELECTRICITY SECTOR RECONSTRUCTION PROJECT IN KURDISTAN REGION	2008.06.11	1,486	LUTHARDT (GERMANY) / ROLAND BERGER (GERMANY) / RESTRATA (UNITED ARAB EMIRATES)
	BASRAH WATER SUPPLY IMPROVEMENT PROJECT	2008.06.11	8,407	PROTECHNIQUE FOR MULTI PROJECTS LTD. (JORDAN)
Cape Verde	ELECTRICITY TRANSMISSION AND DISTRIBUTION NETWORK DEVELOPMENT	2012.03.30	1,055	EFFAGE ENERGIE TRANSPORT & DISTRIBUTION (FRANCE) / GRID SOLUTIONS SAS (FRANCE)

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.
Kenya	MWEA IRRIGATION DEVELOPMENT PROJECT	2010.08.16	2,419	SOGEA-SATOM (FRANCE)
	OLKARIA V GEOTHERMAL POWER DEVELOPMENT PROJECT	2016.03.09	18,724	mitsubishi corporation (JAPAN) / MITSUBISHI HITACHI POWER SYSTEMS LIMITED (JAPAN) / H YOUNG CO. (EA) LTD (KENYA)
	OLKARIA V GEOTHERMAL POWER DEVELOPMENT PROJECT	2016.03.09	6,656	SINOPEC INTERNATIONAL PETROLEUM SERVICE CORPORATION (CHINA)
	OLKARIA V GEOTHERMAL POWER DEVELOPMENT PROJECT	2016.03.09	1,148	SIEYUAN ELECTRIC CO., LTD (CHINA) / NORTHEAST CHINA INTERNATIONAL ELECTRIC POWER CORPORATION (CHINA)
Tanzania	KENYA-TANZANIA POWER INTERCONNECTION PROJECT	2016.01.15	4,438	ENERGOINVEST AND EMC LTD CONSORTIUM (BOSNIA AND HERZEGOVINA)
	KENYA-TANZANIA POWER INTERCONNECTION PROJECT	2016.01.15	4,865	KALPATARU POWER TRANSMISSION LTD. (INDIA)
	KENYA-TANZANIA POWER INTERCONNECTION PROJECT	2016.01.15	5,318	BOUYGUES ENERGIES & SERVICES (FRANCE)
Bosnia and Herzegovina	FGD CONSTRUCTION PROJECT FOR UGLJEVIK THERMAL POWER PLANT	2009.10.20	9,256	CONSORTIUM OF MITSUBISHI HITACHI POWER SYSTEMS, LTD. (JAPAN) / MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH (GERMANY) / RUDIS D.O.O. TRBOVLJE (SLOVENIA)

*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 (FY2016 / 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.
Cambodia	SOUTHWEST PHNOM PENH IRRIGATION AND DRAINAGE REHABILITATION	2014.07.10	353	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / PACIFIC RIM INNOVATION & MANAGEMENT EXPONENTS. INC. (PHILIPPINES)
	PHNOM PENH CITY TRANSMISSION AND DISTRIBUTION EXPANSION PROJECT PHASE 2 (I)	2015.03.30	1,531	NEWJEC INC. (JAPAN) / THE KANSAI ELECTRIC POWER CO., INC (JAPAN) / THE CHUGOKU ELECTRIC POWER CO., INC. (JAPAN)
	NATIONAL ROAD NO.5 IMPROVEMENT PROJECT (THLEA MA'AM – BATTAMBANG AND SRI SOPHORN – PIPET SECTIONS) (I)	2015.03.30	1,697	KATAHIRA ENGINEERS INTERNATIONAL (JAPAN) / ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN)
Indonesia	GDAP (HULULAIS GEOTHERMAL POWER PLANT PROJECT (E/S))	2015.12.18	570	ELC ELECTROCONSULT SPA (ITALY) / NEWJEC INC. (JAPAN) / PT. TATA GUNA PATRIA (INDONESIA)
	COUNTERMEASURE FOR SEDIMENT IN WONOGIRI MULTIPURPOSE	2014.02.24	477	NIPPON KOEI CO., LTD. (JAPAN) / PT. WIRATMAN (INDONESIA) / PT. TATA GUNA PATRIA (INDONESIA) / PT. VIRAMA KARYA (PERSERO) (INDONESIA) / PT.BRAHMA SETA INDONESIA (INDONESIA)
	PROFESSIONAL HUMAN RESOURCE DEVELOPMENT (IV)	2014.02.24	598	TRIPPCONS INTERNATIONAL (INDONESIA) / INTERSYS KELOLA MAJU (INDONESIA) / TETIRA INTERNATIONAL CONSULTANT (INDONESIA) / CENTER FOR JAPANESE STUDIES-UI (INDONESIA)
	CONSTRUCTION OF JAKARTA MASS RAPID TRANSIT PROJECT (II)	2015.12.04	1,290	JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION CO., LTD. (JAPAN) / NIPPON KOEI CO., LTD. (JAPAN) / ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / PADECO CO., LTD. (JAPAN)
Myanmar	INFRASTRUCTURE DEVELOPMENT PROJECT IN THILAWA AREA PHASE II	2014.09.05	307	NIPPON KOEI CO., LTD. (JAPAN)
	IRRIGATION DEVELOPMENT PROJECT IN WESTERN BAGO REGION	2014.09.05	601	NIPPON KOEI CO., LTD. (JAPAN) / SANYU CONSULTANTS INC. (JAPAN)
	YANGON-MANDALAY RAILWAY IMPROVEMENT PROJECT PHASE I (I)	2014.09.05	3,360	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / JAPAN INTERNATIONAL CONSULTANTS FOR TRANSPORTATION (JIC) (JAPAN) / PACIFIC CONSULTANTS CO., LTD. (JAPAN) / NIPPON KOEI CO., LTD. (JAPAN) / TONICHI ENGINEERING CONSULTANTS, INC. (JAPAN)
	PROJECT FOR THE DEVELOPMENT OF FINANCE FOR SMES	2015.06.30	227	JAPAN ECONOMIC RESEARCH INSTITUTE INC. (JAPAN) / DAIWA INSTITUTE OF RESEARCH LTD. (JAPAN)
	EAST-WEST ECONOMIC CORRIDOR IMPROVEMENT PROJECT	2015.10.16	3,045	CENTRAL CONSULTANT INC. (JAPAN) / EIGHT-JAPAN ENGINEERING CONSULTANTS INC. (JAPAN) / JAPAN BRIDGE AND STRUCTURE INSTITUTE, INC. (JAPAN) / NIPPON ENGINEERING CONSULTANT CO., LTD. (JAPAN) / KATAHIRA AND ENGINEERS INTERNATIONAL (JAPAN) / TOP ENGINEERING CONSULTANTS INTERNATIONAL CO., LTD. (MYANMAR)
Philippines	MINDANAO SUSTAINABLE AGRARIAN AND AGRICULTURE DVT. PROJECT	2012.03.30	265	NIPPON KOEI CO., LTD. (JAPAN) / SANYU CONSULTANTS INC. (JAPAN)
	FLOOD RISK MANAGEMENT PROJECT FOR CAGAYAN DE ORO RIVER	2015.03.26	346	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / YACHIYO ENGINEERING CO., LTD (JAPAN) / SINOTECH ENGINEERING CONSULTANTS, LTD (TAIWAN)
Viet Nam	CAN THO UNIVERSITY IMPROVEMENT PROJECT	2015.07.04	864	NIHON SEKKEI INC. (JAPAN) / JAPAN INTERNATIONAL COOPERATION CENTER (JAPAN) / EARL CONSULTANTS, INC. (JAPAN) / NATIONAL GENERAL CONSTRUCTION CONSULTING JOINT STOCK COMPANY (VIET NAM)
	DONG NAI PROVINCE WATER INFRASTRUCTURE CONSTRUCTION PROJECT	2015.07.04	1,117	NIPPON KOEI CO., LTD. (JAPAN) / DOHWA ENGINEERING CO., LTD (REPUBLIC OF KOREA) / WATER SUPPLY,SEWERAGE AND ENVIRONMENT CONSULTANCY JS.CO. (VIET NAM) / NIPPON KOEI VIETNAM INTERNATIONAL LLC CO., LTD (VIET NAM)
	HA LONG CITY WATER ENVIRONMENT IMPROVEMENT PROJECT (E/S)	2015.07.04	809	NIPPON KOEI CO., LTD. (JAPAN) / NIHON SUIDO CONSULTANTS CO., LTD. (JAPAN) / CEEN-CONSTRUCTION AND ENVIRONMENTAL ENGINEERING JSC (VIET NAM) / VIETNAM WATER, SANITATION AND ENVIRONMENT CORPORATION (VIET NAM) / NIPPON KOEI VIETNAM INTERNATIONAL LLC CO., LTD (VIET NAM)

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.
Bangladesh	DHAKA-CHITTAGONG MAIN POWER GRID STRENGTHENING PROJECT	2015.12.13	2,911	NIPPON KOEI CO., LTD. (JAPAN) / TOKYO ELECTRIC POWER SERVICES CO., LTD. (JAPAN)
	CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)	2016.06.29	3,288	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / PADECO CO., LTD. (JAPAN) / ORIENTAL CONSULTANTS CO., LTD. (JAPAN)
	JAMUNA RAILWAY BRIDGE CONSTRUCTION PROJECT (E/S)	2016.06.29	10,495	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / CHODAI CO., LTD. (JAPAN) / DEVELOPMENT DESIGN CONSULTANTS LTD. (BANGLADESH)
India	GANGA ACTION PLAN PROJECT (VARANASI)	2005.03.31	310	TEC INTERNATIONAL COMPANY LIMITED. (JAPAN)
	CAMPUS DEVELOPMENT PROJECT OF IITH	2014.01.28	272	HCP DESIGN PLANNING & MANAGEMENT PVT. LTD. (INDIA)
	UTTARAKHAND FOREST RESOURCE MANAGEMENT PROJECT	2014.04.11	186	GITEC CONSULT GMBH (GERMANY) / NR MANAGEMENT CONSULTANTS INDIA PVT. LTD. (INDIA)
	RENGALI IRRIGATION PROJECT (PHASE 2)	2015.03.30	1,257	NIPPON KOEI CO., LTD. (JAPAN) / NIPPON KOEI INDIA PVT. LTD. (INDIA) / WAPCOS LTD. (INDIA)
Nepal	EMERGENCY SCHOOL RECONSTRUCTION PROJECT	2015.12.21	1,783	ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN)
	NAGDHUNGA TUNNEL CONSTRUCTION PROJECT	2016.12.22	1,201	NIPPON KOEI CO., LTD. (JAPAN) / EIGHT-JAPAN ENGINEERING CONSULTANTS INC. (JAPAN) / NIPPON CIVIC CONSULTING ENGINEERS CO., LTD. (JAPAN)
Sri Lanka	NATIONAL TRANSMISSION AND DISTRIBUTION NETWORK DEVELOPMENT AND EFFICIENCY IMPROVEMENT PROJECT	2015.08.11	360	FICHTNER GMBH & COMPANY KG. (GERMANY)
Uzbekistan	AMU-BUKHARA IRRIGATION SYSTEM REHABILITATION PROJECT	2015.01.27	264	TEMELSU INTERNATIONAL ENGINEERING SERVICES INC. (TURKEY)
Papua New Guinea	NADZAB AIRPORT REDEVELOPMENT PROJECT	2015.10.14	2,916	AZUSA SEKKEI CO.,LTD. (JAPAN) / ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN)
Honduras	CAÑAVERAL – RÍO LINDO HYDROPOWER STRENGTHENING PROJECT	2015.03.26	723	NEWJEC INC. (JAPAN)
Bolivia	LAGUNA COLORADA GEOTHERMAL POWER PLANT CONST. PROJECT (1-1)	2014.07.02	565	NIPPON KOEI LATIN AMERICA-CARIBBEAN CO., LTD. (JAPAN) / NIPPON KOEI CO., LTD. (JAPAN)
Peru	AMAZONAS RURAL DEVELOPMENT PROJECT	2013.01.09	539	HORWATH TOURISM CONSULTING AUSTRIA GESELLSCHAFT M.B.H (AUSTRIA)
Egypt	GREATER CAIRO METRO LINE NO. 4 PHASE I PROJECT	2012.03.19	13,052	NIPPON KOEI CO., LTD. (JAPAN) / ORIENTAL CONSULTANTS GLOBAL CO., LTD (JAPAN) / NIPPON CIVIC CONSULTING ENGINEERS (JAPAN) / EHAF CONSULTING ENGINEERS (EGYPT) / ACE CONSULTING ENGINEERS (EGYPT)
	ELECTRICITY DISTRIBUTION SYSTEM IMPROVEMENT PROJECT	2016.02.29	1,544	TOKYO ELECTRIC POWER SERVICES CO., LTD. (JAPAN) / TOKYO ELECTRIC POWER CO. INC. (JAPAN) / ELECTRIC POWER SYSTEMS ENG. CO. (EPS) (EGYPT)
Kenya	MOMBASA PORT DEVELOPMENT PROJECT PHASE 2	2015.03.09	2,580	JAPAN PORT CONSULTANTS, LTD. (JAPAN) / BAC/GKA JV COMPANY LTD. (KENYA)

*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 (2015)	Terms	Fixed/Floating	Standard/Option	Interest Rate (%)	Repayment Period (Years)	Grace Period (Years)	Conditions for Procurement
Low-Income Least Developed Countries*					0.01	40	10	Untied
Least Developed Countries and Low Income Countries (-US\$ 1,025)		STEP**	Fixed	Standard	0.10	40	12	Tied
		Preferential Terms for High Specification***	Fixed	Standard	0.25	30	10	
				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	
				Standard	¥ LIBOR +25bp	30	10	
				Option 1	¥ LIBOR +20bp	25	7	
				Option 2	¥ LIBOR +15bp	20	6	
			Fixed	Standard	0.90	30	10	
				Option 1	0.75	25	7	
				Option 2	0.60	20	6	
				Option 3	0.40	15	5	
		General Terms	Floating*****	Longer option	¥ LIBOR +45bp	40	12	
				Standard	¥ LIBOR +35bp	30	10	
				Option 1	¥ LIBOR +30bp	25	7	
				Option 2	¥ LIBOR +25bp	20	6	
			Fixed	Option 3	¥ LIBOR +20bp	15	5	
Standard	1.00			30	10			
Option 1	0.85			25	7			
Option 2	0.70			20	6			
Option 3	0.50	15	5					
Lower-Middle-Income Countries	US\$ 1,026 – US\$ 4,035	STEP**	Fixed	Standard	0.10	40	12	Tied
		Preferential Terms for High Specification***	Fixed	Standard	0.50	30	10	
				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	
				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	
				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 (2015)	Terms	Fixed/Floating	Standard/Option	Interest Rate (%)	Repayment Period (Years)	Grace Period (Years)	Conditions for Procurement
Upper-Middle-Income Countries	US\$ 4,036 – US\$ 12,475	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	
		General Terms	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	
				Standard	¥ LIBOR +125bp	40	12	
				Option 1	¥ LIBOR +105bp	30	10	
				Option 2	¥ LIBOR +95bp	25	7	
			Fixed	Option 2	¥ LIBOR +85bp	20	6	
				Option 3	¥ LIBOR +75bp	15	5	
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. LDCs are not eligible for STEP.

*** 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.

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 by Income Categories (FY2017)

Category	GNI Per Capita	Potential Loan Recipient Countries
Least Developed Countries and Low Income Countries (-US\$ 1,025)	Low-Income Least Developed Countries	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, Myanmar, Nepal, Niger, Rwanda, Senegal, Sierra Leone, Somalia, South Sudan, Tanzania, Togo, Uganda
		Angola, Bangladesh, Bhutan, Cambodia, Djibouti, Equatorial Guinea, Kiribati, Laos, Lesotho, Mauritania, Sao Tome and Principe, Solomon Islands, Sudan, Timor-Leste, Tuvalu, Vanuatu, Yemen, Zambia, Zimbabwe
Lower-Middle-Income Countries	US\$ 1,026 – US\$ 4,035	Armenia, Bolivia, Cameroon, Cape Verde, Republic of Congo, Côte d'Ivoire, Egypt, El Salvador, Ghana, Guatemala, Honduras, India, Indonesia, Kenya, Kosovo, Kyrgyz Republic, Micronesia, Moldova, Mongolia, Morocco, Nicaragua, Nigeria, Pakistan, Papua New Guinea, Philippines, Samoa, Sri Lanka, Swaziland, Syria, Tajikistan, Tunisia, Ukraine, Uzbekistan, Viet Nam
Upper-Middle-Income Countries	US\$ 4,036 – US\$ 12,475	Albania, Algeria, Argentina, Azerbaijan, Belarus, Belize, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, China, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, Fiji, Gabon, Georgia, Grenada, Guyana, Iran, Iraq, Jamaica, Jordan, Kazakhstan, Lebanon, Libya, Macedonia, Malaysia, Maldives, Marshall Islands, Mauritius, Mexico, Montenegro, Namibia, Palau, Panama, Paraguay, Peru, Romania, Saint Lucia, Serbia, South Africa, 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: %)

	FY2012 ^{*2}	FY2013	FY2014 ^{*4}	FY2015	FY2016
General Untied	70.7	78.1	85.2	58.2 ^{*5}	90.9
Partially Untied ^{*1}	0.0	4.7 ^{*3}	3.7	1.7	0.0
Bilateral Tied	0.0	1.1	0.0	0.0	0.0
Tied	29.3	16.2	11.1	40.1	9.1

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 Fund (AfDF) and by member countries as stipulated in the Agreement for the establishment of the Inter-American Development Bank (IDB).

*2 "Social and Economic Development Support Loan" for Myanmar does not include procurement and is therefore excluded.

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

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

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

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

(Unit: %)

	FY2012	FY2013	FY2014	FY2015	FY2016
Japan	10.5	20.6	17.6	27.1	33.2
Developed Countries	19.0	13.2	11.4	7.0	6.4
Developing Countries, etc.	23.3	21.2	23.5	22.6	12.0
Developing Countries, etc. (Local Currencies)	47.2	45.0	47.5	43.3	48.4
Total	100.0	100.0	100.0	100.0	100.0

Note 1: Developed countries: OECD member countries excluding Japan

Developing countries, etc.: Countries on the DAC List of ODA Recipients, and OECD non-member countries among the countries removed from the List.

Note 2: Includes the increase or decrease in the number of existing contracts during the period (adjustment of local and foreign currencies and corrected inputs).

Note 3: The totals do not always equal 100 because of rounding.

13-4 Nationalities of Contractors (Foreign Currency Only)

(Unit: %)

	FY2012	FY2013	FY2014	FY2015	FY2016
Japan	19.9	37.5	33.4	47.8	64.3
Developed Countries	35.9	24.0	21.8	12.4	12.4
Developing Countries, etc.	44.2	38.5	44.8	39.8	23.3
Total	100.0	100.0	100.0	100.0	100.0

Note 1: Developed countries: OECD member countries excluding Japan

Developing countries, etc.: Countries on the DAC List of ODA Recipients, and OECD non-member countries among the countries removed from the List.

Note 2: Includes the increase or decrease in the number of existing contracts during the period (adjustment of local and foreign currencies and corrected inputs).

Note 3: The totals do not always equal 100 because of rounding.

13-5 Nationalities of Contractors (Including Procurement in Local Currency, Excluding Commodity Loans and other ODA Credits)

(Unit: %)

	FY2012	FY2013	FY2014	FY2015	FY2016
Japan	11.0	21.2	18.4	27.6	34.3
Developed Countries	14.8	10.7	7.3	5.4	3.6
Developing Countries, etc. (Foreign Currencies)	24.5	21.7	24.4	23.0	12.3
Developing Countries, etc. (Local Currencies)	49.6	46.3	49.8	44.0	49.9
Total	100.0	100.0	100.0	100.0	100.0

Note 1: Developed countries: OECD member countries excluding Japan

Developing countries, etc.: Countries on the DAC List of ODA Recipients, and OECD non-member countries among the countries removed from the List.

Note 2: Includes the increase or decrease in the number of existing contracts during the period (adjustment of local and foreign currencies and corrected inputs).

Note 3: The totals do not always equal 100 because of rounding.

13-6 Nationalities of Contractors (Foreign Currency Only, Excluding Commodity Loans and other ODA Credits)

(Unit: %)

	FY2012	FY2013	FY2014	FY2015	FY2016
Japan	21.9	39.5	36.7	49.3	68.3
Developed Countries	29.4	20.0	14.6	9.6	7.2
Developing Countries, etc. (Foreign Currencies)	48.7	40.4	48.7	41.1	24.5
Total	100.0	100.0	100.0	100.0	100.0

Note 1: Developed countries: OECD member countries excluding Japan

Developing countries, etc.: Countries on the DAC List of ODA Recipients, and OECD non-member countries among the countries removed from the List.

Note 2: Includes the increase or decrease in the number of existing contracts during the period (adjustment of local and foreign currencies and corrected inputs).

Note 3: The totals do not always equal 100 because of rounding.

14-1 Technical Cooperation Projects (R/D Newly Signed in FY2016)

Region/Country	Project Name	Signing Date of Record of Discussion
Asia		
Cambodia	Project on Gender Mainstreaming for Women's Economic Empowerment	2016.11.30
	Project for Improvement of Marine Aquaculture Seed Production Techniques	2016.06.06
	Project for Capacity Development on Training Management for Strengthening Sub-National Administrations	2016.12.05
	The Project for Improvement of Public Bus Operation in Phnom Penh	2016.10.12
	Legal and Judicial Development Project (Phase V)	2017.02.10
	The Project for Establishing Foundation for Teacher Education College (E-TEC)	2016.10.13
Indonesia	Technical Cooperation Project for the Indonesian Shipbuilding Industry Modernization	2016.05.30
Laos	The Project for Participatory Agriculture Development in Savannakhet Province	2017.03.07
Thailand	Project for Strengthening Institutional Capacity for the Implementation of Bangkok Master Plan on Climate Change 2013-2023	2017.03.30
	Project for Capacity Development to Accelerate Low Carbon and Resilient Society Realization in the Southeast Asia region	2017.03.29
Timor-Leste	Project for Increasing Farmers Households' Income through Strengthening Domestic Rice Production in Timor-Leste	2016.05.25
	Project for Capacity Development of the Faculty of Engineering, Science and Technology, the National University of Timor-Lorosa' e Phase 2 (CADEFEST Phase2)	2016.06.30
Viet Nam	Project in Improvement of Investment Supervision and Evaluation System	2016.06.22
	Project for Strengthening Capacity of Monetary Policy, Economic Analysis and Forecasting	2017.01.10
	Project for Institutional Capacity Development of VJCC for a Landmark of Development and Networking for Managerial Human Resources	2016.06.27
	The Project for Capacity Strengthening for Medical Laboratory Network on Biosafety and Testing of Highly Hazardous Infectious Pathogens in Vietnam, Laos and Cambodia	2017.03.22
China	Project for Capacity Development for Public Health Service Delivery and Infections Disease Control in Rural Area	2017.03.15
	Project on Emerging and Re-Emerging Infectious Diseases Including Pandemic Flu	2016.09.09
Mongolia	Project for Strengthening the National Capacity of Earthquake Disaster Protection and Prevention in Mongolia	2016.07.08
	Project on Strengthening the Capacity for Occupational Safety Management in the Construction Sector	2016.06.27
	Project for Enhancing Tax Collection Operation and International Tax Issues of Mongolian Tax Administration Phase 2	2016.11.28
	Project for the Establishment of Hospital Management and Medical Services at the Mongolia-Japan Teaching Hospital	2016.09.23
Afghanistan	Project for Capacity Development for Management of Kabul City Road Improvement	2016.07.18
	Project for Development Service for Land Readjustment and Urban Redevelopment Projects for Kabul Municipality	2016.07.18
Bangladesh	Project for Strengthening of Solid Waste Management in Dhaka North City, Dhaka South City and Chittagong City	2016.06.20
	Project for Promoting Investment and Enhancing Industrial Competitiveness	2017.01.31
Bhutan	Technical Cooperation Project for Capacity Development in Quality Construction and Maintenance of Bridges	2016.05.20
India	The Project on Capacity Enhancement for Sustainable Agriculture and Irrigation Development in Mizoram	2016.10.26
	The Project for Natural Disaster Management in Forest Areas in Uttarakhand	2016.08.29
Pakistan	Project for Improvement of Livelihoods and Well-being of Female Home-Based Workers (FHBWs) in the Informal Economic Sector in Sindh Province	2016.11.22
Kyrgyz Republic	Project for Market Oriented Milk Production in Chuy Province	2017.01.24
	Project for Dissemination of OVOP Issyk-Kul Model to Other Regions of the Country	2016.07.29
	Project on Improvement of Human Recourse Development System of Sate Tax Service of the Kyrgyz Republic	2017.02.03
Tajikistan	The Project for Strengthening the Water Service Management of Pyanj and Khamadoni Vodokanals	2016.12.27
	The Project for Improving Maternal and Child Health Care System in Khatlon Oblast Phase 2	2016.11.18
	The Project for Capacity Development for Road Disaster Management in the Republic of Tajikistan	2016.11.09
Pacific		
Fiji	The Project for Introduction of Hybrid Power Generation System in the Pacific Island Countries	2016.09.29
Papua New Guinea	The Project for Capacity Development on Materializing the Specialized Technical Training Programs for Department of Works Staff	2016.07.29
Solomon Islands	The Project on Capacity Development for Sustainable Forest Resource Management in Solomon Islands	2017.03.30
Vanuatu	Project for Promotion of Grace of the Sea in the Coastal Villages (Phase3)	2016.08.03
North America and Latin America		
Cuba	Project for Capacity Building of Medical Equipment Maintenance and Early Diagnosis of Cancer	2016.09.22
	The Project on Improvement of Agricultural Extension System for Grain Production in Cuba	2016.09.20
Dominican Republic	Project on Capacity Development for Efficient Planning and Management of Territorial Development in North Cibao Region	2016.12.21
Guatemala	Project for the Improvement of the Quality of Lower Secondary Mathematics Education	2016.10.05
	Project for Strengthening of Police Human Resources through the Promotion of Community Police Philosophy	2016.05.10
Nicaragua	Project for the Strengthening of Capacity of the Central American Tsunami Advisory Center (CATAC)	2016.06.02
	Project for the Friendly Learning of Mathematics in Secondary Education	2016.11.01
Bolivia	Project of Strengthening the Pre-service Education System for Co-medicals	2016.09.22
	Project for Capacity Development on Integrated Water Management in Cochabamba	2016.05.20

Region/Country	Project Name	Signing Date of Record of Discussion
Middle East		
Egypt	The Project for Creating Environment for Quality Learning	2016.11.01
	The Project for Quality Improvement of Early Childhood Development	2017.02.07
	The Project for Enhancement of Technical Secondary Education	2016.12.28
Iraq	Project for Sustainable Irrigation Water Management through Water Users Associations	2016.10.03
	Project on Strengthening the Capacity for Occupational Safety and Health	2016.08.29
Jordan	Project for Economic Empowerment and Social Participation of Persons with Disabilities	2016.09.08
	Trilateral Cooperation Project "Introduction of Advanced Agricultural Technology under Trilateral Cooperation, Jordan, Japan and Israel" Phase 3	2016.09.01
	Project for Strengthening the Capacity for Career Counseling for the Youth	2016.12.11
	Project for Capacity Development of Vocational Training Corporation in the Field of Occupational Safety and Health	2016.10.23
Palestine	Palestine-Japan Education Cooperation for Mathematics and Science Curriculum Development (PAJEC)	2016.08.23
	The Project for Strengthening the Capacity of Water Service Management in Jenin Municipality	2016.11.14
	Refugee Camp Improvement Project in Palestine	2016.08.31
Africa		
Angola	Project for Strengthening the Capacity of Vocational Training Center for Civil Construction (CENFOC)	2016.05.27
	Project on Improving Perinatal and Pediatric Health Services through the Maternal and Child Health Handbook	2016.12.09
Benin	Project for Extension of Inland Aquaculture in Benin, Phase2	2016.10.19
Cameroon	Project for the Upland Rice and Irrigation Rice Development	2016.05.10
Djibouti	Project for Capacity Development of Djibouti Coast Guard Phase 2	2016.04.05
Ethiopia	Project for Strengthening Capacity for Training Operation and Management for Ethiopian Water Technology Institute	2017.03.23
	The Project for Smallholder Horticulture Farmer Empowerment through Promotion of Market-Oriented Agriculture (Ethio-SHEP)	2016.12.05
Ghana	Project for Strengthening Community Based Health Services Focusing on the Life-Course Approach in the Three Northern Regions	2016.11.29
Kenya	Project on Enhancing Community Resilience against Drought through Sustainable Natural Resources Management and Livelihood Diversification	2016.11.14
	Project for Strengthening of Capacity on Road Maintenance Management through Contracting (Phase 3)	2016.09.02
	Partnership for Health Systems Strengthening in Africa (PHSSA) Phase 2	2016.11.21
Malawi	The Project for Conservation and Sustainable Management of Dzalanyama Forest Reserve	2016.04.26
	Project for Market-Oriented Smallholder Horticulture Empowerment and Promotion (MA-SHEP)	2016.11.27
	The Project for Capacity Development of Radar Control Services at Kamuzu International Airport	2016.11.28
Mozambique	Project for Improvement of Rice Production in Zambezia Province(ProAPA)	2016.07.05
	Project for Enhancing The Professional Education System Model in Mozambique	2017.02.03
Niger	School For All: The Project on Support to Educational Development Through Community Participation Phase 2	2016.09.30
Rwanda	Project for Strengthening Coffee Value Chain in Rwanda	2016.12.08
	Project for Supporting Institutionalizing and Improving Quality of SBI Activity	2016.10.20
Senegal	Project for Capacity Development of Small-scale Horticulture Farmers	2016.10.13
	Project for improving Organizational Capacity of Technical and Vocational Training Center Senegal-Japan	2016.11.18
Sierra Leone	Sustainable Rice Production Project (SRPP)	2017.03.06
South Africa	Project for Strengthening the Training Capacity of IBTC on Non-Revenue Water	2017.03.10
South Sudan	Project for Capacity Development for the CAMP/IDMP Implementation	2017.03.17
Tanzania	The Project on Strengthening Manufacturing Enterprises through Quality and Productivity Improvement (The KAIZEN Project Phase 2)	2016.12.22
Zambia	The Project for Strengthening Capacity of Urban Water Supply Infrastructure	2016.08.30
	Project for Strengthening the Capacity of Facility-Census-based Hearth Investment Planning	2016.07.06
	National KAIZEN Project Phase2	2017.01.11
Europe		
Bosnia and Herzegovina	The project for confidence building through physical education	2016.09.14
Kosovo	Capacity Development Project for Pollution Control for Major Stationary Emission Sources	2017.03.30
Serbia	The Project on Fostering Standardized Mentoring Scheme in Serbia	2017.02.28
Ukraine	The project for Capacity Development of Public Service Broadcaster of Ukraine	2016.06.09

Total 93 Projects (49 Countries and Regions)

14-2 Science and Technology Research Partnership for Sustainable Development (SATREPS) Projects (R/D Newly Signed in FY2016)

Region/Country	Project Name	Signing Date of Record of Discussion
Asia		
Indonesia	The Project for Development and Implementation of New Damage Assessment Process in Agricultural Insurance as Adaptation to Climate Change for Food Security	2017.03.27
	The Project for Marine Techno Park Computing System for Food Security and Sustainabilities (MARITEP-COMSYSS)	2017.03.30
Philippines	The Project for Comprehensive Assessment and Conservation of Blue Carbon Ecosystems and Their Services in the Coral Triangle (Blue CARES)	2017.03.10
	The Project for Development of Extreme Weather Monitoring and Alert System	2017.01.18
Thailand	The Project for Comprehensive Conversion of Biomass and Waste to Super Clean Fuels by New Solid Catalysts	2017.03.13
Bhutan	The Project for Evaluation and Mitigation of Seismic Risk For Composite Masonry Buildings in Bhutan	2016.10.25
India	The Project for Smart Cities for Emerging Countries based on Sensing, Network and Big Data Analysis of Multimodal Regional Transport System	2017.03.30
North America and Latin America		
Brazil	Project for the Establishment of a Research and Reference Collaborative System for the Diagnoses of Fungal Infections including Drug-Resistant Ones both in Brazil and Japan	2017.03.13
Africa		
Burkina Faso	Project on Establishment of the Model for Fertilizing Cultivation Promotion using Burkina Faso Phosphate Rock	2017.03.28
Ethiopia	The Project for Development of Next-Generation Sustainable Land Management (SLM) Framework to Combat Desertification	2016.12.12
Madagascar	The Project for Breakthrough in Nutrient Use Efficiency for Rice by Genetic Improvement and Fertility Sensing Techniques in Africa	2017.01.31
Sudan	The Project for Developing Counter Measures Against Striga to Conquer Poverty and Improve Food Security	2017.01.29
Europe		
Ukraine	The Project for Strengthening of the Environmental Radiation Control and Legislative Basis for the Environmental Remediation of Radioactively Contaminated Sites	2016.12.06
Total 13 Projects (11 Countries)		

14-3 ODA Loans (L/A Newly Signed in FY2016)

(Unit: ¥1 million)

Region/Country	Project Name	Loan Signing/ Amendment Date	Loan/Additional Loan Amendment Amount
Asia			
Cambodia	National Road No.5 Improvement Project (Battambang-Sri Sophorn Section) (II)	2017.03.30	11,136
Indonesia	Rentang Irrigation Modernization Project	2017.03.30	48,237
	Komering Irrigation Project (Phase 3)	2017.03.30	15,896
	Bali Beach Conservation Project (Phase 2)	2017.03.30	9,855
Myanmar	Bago River Bridge Construction Project	2017.03.01	31,051
	Regional Development Project for Poverty Reduction Phase II	2017.03.01	23,979
	Agriculture and Rural Development Two Step Loan Project	2017.03.01	15,135
	Greater Yangon Water Supply Improvement Project (Phase I) (I)	2017.03.01	25,000
	Power Distribution System Improvement Project in Major Cities	2017.03.01	4,856
	Yangon-Mandalay Railway Improvement Project Phase I (II)	2017.03.01	25,000
Philippines	Maritime Safety Capability Improvement Project for the Philippine Coast Guard (Phase II)	2016.10.26	16,455
	Harnessing Agribusiness Opportunities through Robust and Vibrant Entrepreneurship Supportive of Peaceful Transformation (HARVEST)	2017.01.12	4,928
Thailand	Mass Transit System Project in Bangkok (Red Line) (III)	2016.09.30	166,860
Viet Nam	Ho Chi Minh City Urban Railway Construction Project (Ben Thanh – Suoi Tien Section (Line 1)) (III)	2016.05.28	90,175
	Second Ho Chi Minh City Water Environment Improvement Project (III)	2016.05.28	20,967
	Thai Binh Thermal Power Plant and Transmission Lines Construction Project (IV)	2016.05.28	54,982
	Economic Management and Competitiveness Credit (III)	2017.01.16	11,000
	Support Program to Respond to Climate Change (VII)	2017.01.16	10,000
Bangladesh	Dhaka Mass Rapid Transit Development Project (II)	2016.06.29	75,571
	Matarbari Ultra Super Critical Coal-Fired Power Project (II)	2016.06.29	37,821
	Cross-Border Road Network Improvement Project (Bangladesh)	2016.06.29	28,698
	Energy Efficiency and Conservation Promotion Financing Project	2016.06.29	11,988
	Disaster Risk Management Enhancement Project	2016.06.29	16,996
	Jamuna Railway Bridge Construction Project (E/S)	2016.06.29	2,464
India	Tamil Nadu Investment Promotion Program (Phase 2)	2017.03.31	22,145
	North East Road Network Connectivity Improvement Project (Phase 1) (I)	2017.03.31	67,170
	Delhi Eastern Peripheral Expressway Intelligent Transport Systems Installation Project	2017.03.31	6,870
	Mumbai Trans-Harbour Link Project (I)	2017.03.31	144,795
	Nagaland Forest Management Project	2017.03.31	6,224
	Odisha Forestry Sector Development Project (Phase 2)	2017.03.31	14,512
	Chennai Metro Project (V)	2017.03.31	33,321
	Rajasthan Water Sector Livelihood Improvement Project (I)	2017.03.31	13,725
Nepal	Nagdhunga Tunnel Construction Project	2016.12.22	16,636
Pakistan	Polio Eradication Project (Phase 2)	2016.05.19	6,290
Sri Lanka	Development Policy Loan (Private Sector Development, Governance Improvement, and Fiscal Consolidation)	2016.10.10	10,000
	Anuradhapura North Water Supply Project (Phase 2)	2016.11.17	23,137

North America and Latin America

El Salvador	Stand-by Loan for Natural Disaster Recovery	2016.05.28	5,000
Panama	Panama Metropolitan Area Urban Transportation Line-3 Development Project (I)	2016.04.20	29,575
Bolivia	Laguna Colorada Geothermal Power Plant Construction Project (Second Stage)	2017.03.24	61,485

Middle East

Egypt	Electricity Sector Rehabilitation and Improvement Project	2016.10.24	41,098
	The Grand Egyptian Museum Construction Project (II)	2016.10.24	49,409
Jordan	Financial Sector, Business Environment and Public Service Reform Development Policy Loan	2016.12.21	30,000
Morocco	Oceanographic and Fishery Research Vessel Construction Project	2017.01.16	5,371

Region/Country	Project Name	Loan Signing/ Amendment Date	Loan/Additional Loan Amendment Amount
Africa			
Côte d'Ivoire	Abidjan Port Cereal Berth Construction Project	2017.03.30	10,869
Ethiopia	Women Entrepreneurship Development Project	2017.02.24	5,500
Ghana	Construction of a New Bridge across the Volta River on the Eastern Corridor Project	2016.12.05	11,239
Madagascar	Toamasina Port Development Project	2017.03.23	45,214
Rwanda	Rusumo-Kayonza Road Improvement Project	2016.07.13	6,889
Senegal	Universal Health Coverage Support Program	2016.11.15	8,440
	Mamelles Sea Water Desalination Project	2016.11.15	27,463
Tanzania	Business Environment for Jobs Development Policy Operation	2016.04.11	6,000
Total 51 Projects (24 Countries)			1,467,427

14-4 Private-Sector Investment Finance Projects (Newly Approved in FY2016)

Project Name	Investee/Borrower	Approval Date of PSIF Agreement	Country/Region
IFC Middle East and North Africa Fund	IFC Middle East and North Africa Fund, LP	2016.04.14	Middle East and North Africa
JAPAN ASEAN Women Empowerment Fund	JAPAN ASEAN Women Empowerment Fund	2016.09.07	Southeast Asia
Tsetsii Wind Farm Project	Clean Energy Asia LLC	2016.09.21	Mongolia
Off-Grid Solar Power Project	Digital Grid Inc.	2016.10.19	Sub-Saharan Africa
Sirajganj Independent Power Project	Sembcorp North-West Power Company Ltd	2017.03.28	Bangladesh
Sihanoukville Port Development Project	Port Authority of Sihanoukville	2017.03.31	Cambodia

14-5 Major Projects of Private-Sector Investment Finance (As of March 31, 2017)

Project Name	Investment Company	Outline of Project	Initial Investment	Share Capital (currency unit)	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	57,350 (¥1 million)	44.9	Brazil
Saudi Arabia Methanol Project	Japan Saudi Arabia Methanol Co., Inc.	Production of methanol in the Al Jubail Industrial Area	1979.12	2,310 (¥1 million)	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	14,200 (¥1 million)	37.1	Saudi Arabia
Bangladesh KAFCO Fertilizer Project	KAFCO Japan Investment Co., Ltd.	Production of urea and ammonia in Chittagong	1990.07	5,024 (¥1 million)	46.4	Bangladesh
Musi Pulp Production Project	Sumatra Pulp Corporation	Production and distribution of pulp in the South Sumatra Muara Enim Regency	1995.04	13,351 (¥1 million)	42.7	Indonesia
Microfinance Project in Pakistan	The First MicroFinanceBank Ltd.	Investing in a microfinance bank in Pakistan to support enhancement of financial services to the poor (co-invested by IFC and local NGO)	2012.04	2,731 (PKR 1 million)	8.8	Pakistan
Thilawa Special Economic Zone (Class A Area) Development Project	Myanmar Japan Thilawa Development Ltd.	Provision of funds needed for industrial complex development, sales and operation projects for initial development in the Thilawa special economic zone (SEZ), an area located on the outskirts of Yangon.	2015.03	27 (US\$1 million)	10.0	Myanmar
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	40 (US\$1 million)	24.9	Southeast Asia
Off-Grid Solar Power Project	Digital Grid Inc.	LED lamp rental services and mobile phone charging services at the retail shops in villages without electricity	2016.10	224 (¥1 million)	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.

14-6 Grants (G/A Newly Signed in FY2016)

(Unit: ¥100 million)

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Asia			
Cambodia	The Project for Expansion of Water Supply Systems in Kampong Cham and Battambang	2013.06.20	1.80
	The Project for Human Resource Development Scholarship	2014.05.30	0.64
	The Project for Expansion of Water Supply System in Kampot	2015.06.16	6.03
	The Project for Human Resource Development Scholarship	2015.06.16	1.01
	The Project for Human Resource Development Scholarship	2016.08.01	1.51
	The Project for Expansion of Distribution Lines in Southern Economic Corridor	2016.09.26	8.93
	The Project for Improvement of Transportation Capacity of Public Bus in Phnom Penh	2016.11.30	13.96
	The Project for Flood Protection and Drainage Improvement in the Phnom Pehn Capital City (Phase IV) (Detailed Design)	2017.03.30	1.09
	The Project for Improvement of Battambang Provincial Referral Hospital	2017.03.30	14.53
Laos	Project for Construction of Sekong Bridge on NR16B in the Southern Region of Laos	2014.05.19	8.85
	The Project for Human Resource Development Scholarship	2014.05.19	0.53
	The Project for Human Resource Development Scholarship	2015.06.05	0.86
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.06	1.03
	The Project for Reconstruction of the Bridges on the National Road No. 9	2016.07.08	10.74
	The Project for Human Resource Development Scholarship	2016.07.08	0.39
Myanmar	The Project for Human Resource Development Scholarship	2013.08.14	0.96
	The Project for Human Resource Development Scholarship	2014.05.12	1.39
	The Project for Improving Lashio General Hospital in Shan State	2014.05.29	3.66
	The Project for Construction of New Thaketa Bridge	2014.06.10	10.29
	The Project for Human Resource Development Scholarship	2015.06.23	1.89
	The Project for Improvement of Foot-and-Mouth Disease Control	2016.06.02	14.17
	The Project for Human Resource Development Scholarship	2016.06.23	0.60
	The Project for Expansion of Broadcasting Equipment of Myanmar Radio and Television	2017.03.29	22.63
Philippines	The Project for Human Resource Development Scholarship	2014.07.14	0.56
	The Project for Human Resource Development Scholarship	2015.07.29	0.83
	The Project for Human Resource Development Scholarship	2016.06.24	1.32
	The Project for Improvement of Equipment for Power Distribution in Bangsamoro Area	2017.03.30	7.71
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	1.89
	The Project for Urgent Relocation of Ferry Terminal in Dili Port	2016.09.30	2.30
Viet Nam	The Project for Human Resource Development Scholarship	2014.08.01	0.79
	The Project for Human Resource Development Scholarship	2015.08.10	1.21
	The Project for Water Quality Improvement for Japanese Bridge Area in Hoi An City	2015.12.21	6.79
	The Project for Human Resource Development Scholarship	2016.06.30	1.76
Mongolia	The Project for Human Resource Development Scholarship	2014.06.04	0.49
	The Project for Construction of Mongolia-Japan Teaching Hospital	2015.05.12	41.50
	The Project for Human Resource Development Scholarship	2015.05.12	0.82
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.30	0.92
	The Project for Human Resource Development Scholarship	2016.06.30	0.40
Afghanistan	The Project for Strengthening Security in Kabul International Airport	2014.02.04	1.86
	The Project for Infectious Diseases Prevention for Children	2016.12.13	12.62
	The Project for Supply of Anti-Tuberculosis Medicines and New Diagnostics Kits and for Monitoring the Implementation of Shorter Multi Drug Resistant Tuberculosis Regimen	2017.03.20	9.81

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Bangladesh	The Project for Human Resource Development Scholarship	2014.05.15	0.41
	The Project for Human Resource Development Scholarship	2015.05.31	1.04
	The Project for Improvement of Meteorological Radar System in Dhaka and Rangpur	2015.06.24	13.52
	The Project for Human Resource Development Scholarship	2016.05.22	1.80
	The Third Primary Education Development Programme	2017.02.08	5.00
Bhutan	The Project for Improvement of Farm Machinery for Hiring Services of Tillage	2016.10.25	2.50
	The Project for Reconstruction of Bridges on Primary National Highway No. 4	2016.12.26	5.78
	The Project for Improvement of Medical Equipment at the National and Regional Referral Hospitals	2017.03.27	5.51
Nepal	The Project for Human Resource Development Scholarship	2016.07.04	1.37
	The School Sector Development Program	2016.08.31	3.00
	The Project for Improvement of Aviation Safety Facilities in Major Airports	2016.08.31	14.52
	The Project for Improvement of Medical Equipment in Tribhuvan University Teaching Hospital	2016.12.28	7.54
	The Project for Improvement of Water Supply in Pokhara	2017.02.15	3.62
Pakistan	The Project for Establishment of Specialized Medium Range Weather Forecasting Center and Strengthening of Weather Forecasting System	2014.11.13	19.03
	The Project for Energy Saving in Water Supply System in Lahore	2015.06.18	19.79
	The Project for Replacement of Pumping Machinery at Inline Booster Pump Station and Terminal Reservoir in Faisalabad	2015.06.18	9.33
	The Project for Installation of Weather Surveillance Radar at Karachi	2015.07.08	7.38
	The Project for the Control and Eradication of Poliomyelitis	2016.11.29	4.04
Sri Lanka	The Project for Human Resource Development Scholarship	2014.06.02	0.38
	The Project for Human Resource Development Scholarship	2015.07.23	0.70
	The Project for the Establishment of Research and Training Complex at the Faculty of Agriculture, University of Jaffna	2016.05.18	16.67
	The Project for the Maritime Safety Capability Improvement	2016.06.30	18.30
	The Project for Human Resource Development Scholarship	2016.07.04	1.21
	The Project for the Improvement of TV Programs of Sri Lanka Rupavahini Corporation	2016.09.13	0.53
Armenia	The Project for Improvement of Equipment for Digitizing Archival Records of Armenian Public Television	2017.03.30	1.38
Kyrgyz Republic	The Project for Human Resource Development Scholarship	2014.07.31	0.47
	The Project for Human Resource Development Scholarship	2015.07.28	0.68
	The Project for Human Resource Development Scholarship	2016.08.01	1.12
	The Project for Improvement of Workshops for Road Maintenance Equipment	2017.03.31	4.41
	The Project for Avalanche Protection on Bishkek-Osh Road	2017.03.31	4.19
	The Project for Avalanche Protection on Bishkek-Osh Road	2017.03.31	9.81
Tajikistan	The Project for Rehabilitation of Drinking Water Supply Systems in Pyanj District, Khatlon Region	2014.06.27	5.05
	The Project for Human Resource Development Scholarship	2014.06.27	0.19
	The Project for Human Resource Development Scholarship	2015.07.21	0.32
	The Project for Improvement of Equipment for Road Maintenance in Sughd Region and the Eastern Part of Khatlon Region	2016.04.25	19.92
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.06.29	0.42
	The Project for Human Resource Development Scholarship	2016.07.26	0.36
Uzbekistan	The Project for Human Resource Development Scholarship	2014.08.22	0.41
	The Project for Human Resource Development Scholarship	2015.08.07	0.69
	The Project for Human Resource Development Scholarship (three-year cycle)	2016.07.29	0.81
	The Project for Human Resource Development Scholarship	2016.07.29	0.41

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Pacific			
Kiribati	The Project for Reconstruction of the Nippon Causeway	2016.07.26	2.65
Micronesia	The Project for Power Sector Improvement for the State of Kosrae	2016.04.01	11.93
Palau	The Project for Renovation of Palau Mariculture Demonstration Center Facility	2016.10.12	6.69
Papua New Guinea	The Project for Rehabilitation of Alotau Town Market and Fisheries Facilities	2017.03.27	11.69
Samoa	The Project for Enhancement of Safety of Apia Port	2015.06.22	3.34
	The Project for Construction of the Pacific Climate Change Center	2017.02.17	9.62
Solomon Islands	The Project for Improvement of Honiara Port Facilities	2014.05.20	6.59
	The Project for Upgrading of Kukum Highway	2015.05.26	13.40
Tonga	The Project for Upgrading of Wharf for Domestic Transport	2015.06.10	15.30
North America and Latin America			
Cuba	El Proyecto de Instalación de Equipos Médicos para el Mejoramiento de Servicios de Atención a la Salud en los Hospitales Principales	2016.09.23	12.73
Haiti	Le Projet de Construction des Ponts de la Croix-des-Missions et de la Route Neuve	2015.09.02	14.22
Honduras	The Project for Construction of National Laboratory of Health Surveillance	2016.10.10	8.18
Nicaragua	The Project for the Construction of Department Hospital of SILAIS Zelaya Central	2016.04.28	1.64
	The Project for the Construction of Department Hospital of SILAIS Zelaya Central	2016.04.28	1.43
Paraguay	El Proyecto de Mejoramiento del Sistema de Suministro de Agua en Coronel Oviedo	2014.09.22	1.85
	El Proyecto de Equipamiento del Complejo Deportivo de Entrenamiento de la Secretaría Nacional de Deportes	2016.06.23	0.99
Peru	El Proyecto de Equipamiento para la Conservación del Santuario Arqueológico de Pachacamac y la Educación del Museo de Sitio de Pachacamac	2017.03.24	1.49
Middle East			
Egypt	The Project for Procurement of Education and Research Equipment for Egypt-Japan University of Science and Technology (E-JUST)	2016.07.26	20.00
Jordan	The Project for Rehabilitation and Expansion of the Water Networks in Balqa Governorate	2014.11.26	16.27
Palestine	The Project for the Construction of the Protective Shelter and the Presentation of the Great Bath at Hisham's Palace, Jericho (Detailed Design)	2016.05.10	0.74
	The Project for the Construction of the Protective Shelter and the Presentation of the Great Bath at Hisham's Palace, Jericho	2016.09.06	4.96
Africa			
Angola	The Project for Improvement of Namibe Port	2017.02.27	21.36
Burundi	The Project for the Improvement of the Port of Bujumbura	2014.05.23	7.00
Côte d'Ivoire	Le Projet d'Aménagement de l'Échangeur d'Amitié Ivoir-Japonaise	2015.07.10	21.78
	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 (le Concept Détaillé)	2016.06.16	0.58
	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	3.11
Democratic Republic of the Congo	Le Projet d'Aménagement de la Direction Provinciale de l'Institut National de Préparation Professionnelle au Katanga/Lubumbashi	2016.04.28	32.50
Djibouti	The Project for Improvement of Road Management Equipment	2016.05.15	12.39
Ghana	The Project for Human Resource Development Scholarship	2014.07.22	0.20
	The Project for Human Resource Development Scholarship	2015.07.03	0.52
	The Project for Reinforcement of Power Supply to Accra Central	2015.12.08	22.42
	The Project for the Construction of Advanced Research Center for Infectious Diseases at Noguchi Memorial Institute for Medical Research	2016.05.19	22.85
	The Project for Human Resource Development Scholarship	2016.05.19	0.95
	The Programme for Poverty Reduction Strategy (Health Sector)	2017.03.31	2.00
	The Project for Improvement of Ghanaian International Corridors	2017.03.31	62.59
Guinea	Le Projet d'Aménagement d'un Pont sur la Route Nationale N°1	2017.01.18	3.52
Liberia	The Project for Reconstruction of Somalia Drive in Monrovia	2013.06.10	4.31
	The Project for Reconstruction of Somalia Drive in Monrovia	2016.11.02	7.50
	The Project for Reconstruction of Somalia Drive in Monrovia (Phase2)	2017.03.14	2.52

Region/Country	Project Name	Signing Date of Grant Agreement	Amount*
Madagascar	Le Projet de Réhabilitation du Système d'Irrigation au Sud-Ouest du Lac Alaotra (le Concept Détaillé)	2016.07.25	1.06
Malawi	The Project for Expansion of Tedzani Electricity Hydropower Station	2015.03.18	14.12
	The Project for Expansion of the Terminal Building at Kamuzu International Airport	2015.11.04	8.68
	The Project for the Improvement of TV Broadcasting Equipment and TV Programs of Malawi Broadcasting Corporation	2017.02.17	0.71
Mauritania	Le Projet d'Extension et d'Équipement de l'École Nationale de Santé Publique de Nouakchott	2016.05.09	11.82
Mozambique	The Project for Construction of Bridges on the Road between Ile and Cuamba	2013.06.14	1.62
	The Project for Construction of Bridges on the Road between Ile and Cuamba	2016.07.20	12.36
Rwanda	The Project for Rehabilitation of Irrigation Facilities in Rwamagana District	2017.03.31	1.29
Senegal	Le Projet de Réhabilitation du Môle 3 du Port de Dakar	2017.03.27	2.74
Sierra Leone	The Project for Urgent Improvement of Power Distribution System in Freetown (Phase2)	2017.03.16	1.40
Sudan	The Project for Improvement of Water Treatment Plant in Kosti City	2016.10.11	4.91
Tanzania	The Project for Improvement of Tazara Intersection	2013.06.18	9.32
	The Project for Reinforcement of Power Distribution in Dar es Salaam	2014.07.24	17.45
	The Project for Development of Malindi Fish Landing and Marketing Facilities in Zanzibar (Phase 2)	2017.01.05	0.68
Togo	Le Projet de Construction de deux Ponts, Kara et Koumongou	2015.07.07	9.18
	Le Projet d'Aménagement du Port de Pêche de Lomé	2016.04.13	27.94
Uganda	The Project for Improvement of Gulu Municipal Council Roads in Northern Uganda	2016.09.13	21.36
Zambia	The Poverty Reduction Efforts	2016.07.15	3.00
Africa	Le Projet pour l'Interconnexion des Systèmes Informatiques Douaniers entre le Togo et le Burkina Faso	2016.05.10	1.95
Total 140 Projects (53 Countries and Regions)			980.08

* Amount of concluded Grant Agreements (G/A) in FY2016.

(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 2015 of G/A projects concluded in fiscal 2016.

(2) Increase in maximum amount committed according to amendment of G/A concluded prior to fiscal 2015 is counted for the year the amendment was made.

Financial Statements

1 General Account

Balance Sheet (as of March 31, 2017)

Assets			
I. Current assets			
Cash and deposits		86,547,359,250	
Securities		98,000,000,000	
Inventories			
Stored goods	491,515,955	491,515,955	
Advance payments		22,793,139,404	
Prepaid expenses		386,014,938	
Accrued income		530,883	
Accounts receivable		2,576,204,673	
Short-term loans for development projects	30,317,000		
Allowance for loan losses	(619,885)	29,697,115	
Short-term loans for emigration projects	1,161,112		
Allowance for loan losses	(167,701)	993,411	
Short-term installments receivable on settlement projects		42,862	
Suspense payments		23,614,408	
Advances paid		5,728,685	
	Total current assets		210,854,841,584
II. Non-current assets			
1. Tangible assets			
Buildings	41,621,935,288		
Accumulated depreciation	(17,129,916,749)	24,492,018,539	
Structures	1,620,581,392		
Accumulated depreciation	(1,037,771,702)	582,809,690	
Machinery and equipment	174,211,830		
Accumulated depreciation	(113,118,175)	61,093,655	
Vehicles	2,030,930,984		
Accumulated depreciation	(1,177,251,699)	853,679,285	
Tools, furniture, and fixtures	2,320,412,634		
Accumulated depreciation	(1,411,976,382)	908,436,252	
Land	14,398,036,458		
Accumulated impairment loss	(8,710,639)	14,389,325,819	
Construction in progress		155,283,975	
	Total tangible assets	41,442,647,215	
2. Intangible assets			
Trademark right		1,818,077	
Telephone subscription right		1,786,900	
Software		145,417,505	
Software in progress		454,850,046	
	Total intangible assets	603,872,528	
3. Investments and other assets			
Long-term deposits		90,000,000	
Long-term loans for development projects	312,300,000		
Allowance for loan losses	(128,454,490)	183,845,510	
Long-term loans for emigration projects	30,633,064		
Allowance for loan losses	(27,090,610)	3,542,454	
Long-term installments receivable on settlement projects	281,512		
Allowance for loan losses	(281,512)	0	
Claims probable in bankruptcy, claims probable in rehabilitation, and other pertaining to loans for emigration projects	479,237,037		
Allowance for loan losses	(479,237,037)	0	
Claims probable in bankruptcy, claims probable in rehabilitation, and other pertaining to installments receivable on settlement projects	620,851		
Allowance for loan losses	(620,851)	0	
Long-term prepaid expenses		205,968,363	
Long-term guarantee deposits		1,570,965,696	
	Total investments and other assets	2,054,322,023	
	Total non-current assets		44,100,841,766
	Total assets		254,955,683,350

(Unit: Yen)

Liabilities			
I. Current liabilities			
Funds for grant aid		145,895,103,303	
Donations received		409,760,192	
Accounts payable		16,855,398,956	
Accrued expenses		237,632,593	
Lease obligations		113,471,018	
Advance payments received		1,645,976	
Deposits received		621,859,796	
Unearned revenue		47,242	
	Total current liabilities		164,134,919,076
II. Non-current liabilities			
Contra-accounts for assets			
Contra-accounts for assets funded by operational grants	4,052,889,655	4,052,889,655	
Long-term lease obligations		72,396,867	
Long-term deposits received		115,267,429	
Asset retirement obligations		276,125,850	
	Total non-current liabilities		4,516,679,801
	Total liabilities		168,651,598,877
Net assets			
I. Capital			
Government investment		62,452,442,661	
	Total capital		62,452,442,661
II. Capital surplus			
Capital surplus		(880,390,620)	
Accumulated depreciation not included in expenses		(18,159,591,791)	
Accumulated impairment loss not included in expenses		(10,201,839)	
Accumulated interest expenses not included in expenses		(7,189,037)	
	Total capital surplus		(19,057,373,287)
III. Retained earnings			
Reserve fund carried over from the previous Mid-term Objective period		1,275,765,107	
Reserve fund		5,014,447,023	
Unappropriated income for the current business year		36,618,802,969	
[Total income for the current business year]		[36,618,802,969]	
	Total retained earnings		42,909,015,099
	Total net assets		86,304,084,473
Total liabilities and net assets			254,955,683,350

Statement of Income (April 1, 2016–March 31, 2017)

Ordinary expenses		
Operating expenses		
Expenses for technical cooperation projects	80,680,879,609	
Expenses for grant aid (operation support)	306,662,973	
Expenses for public participation-based cooperation	15,776,368,070	
Expenses for emigration projects	360,261,588	
Expenses for disaster relief activities	600,474,741	
Expenses for training and securing the personnel	1,476,575,107	
Expenses for assistance promotion	22,118,410,699	
Expenses for related to operation	7,069,769,946	
Expenses for operation support	28,996,345,250	
Expenses for grant aid	79,245,955,630	
Expenses for facilities	9,351,720	
Expenses for contracted programs	254,656,876	
Expenses for donation projects	16,856,587	
Depreciation	488,916,671	237,401,485,467
General administrative expenses		9,451,497,201
Financial expenses		
Foreign exchange losses	90,309,286	90,309,286
Miscellaneous loss		2,348,975
	Total ordinary expenses	246,945,640,929
Ordinary revenues		
Revenues from operational grants		175,833,700,975
Revenues from grant aid		79,245,955,630
Revenues from contracted programs		
Revenues from contracted programs from Japanese government and local governments	239,281,190	
Revenues from contracted programs from other parties	16,337,610	255,618,800
Revenues from interest on development projects		2,458,116
Revenues from settlement projects		26,670
Revenues from emigration projects		1,361,814
Donations		16,856,587
Revenues from subsidy for facilities		9,351,720
Reversal of allowance for loan losses		15,051,937
Reversal of contra-accounts for assets funded by operational grants		472,048,586
Financial revenues		
Interest income	11,120,677	11,120,677
Miscellaneous income		3,054,388,920
	Total ordinary revenues	258,917,940,432
	Ordinary income	11,972,299,503
Extraordinary losses		
Loss on disposal of non-current assets		41,302,842
Loss on sales of non-current assets		3,556,257
		44,859,099
Extraordinary income		
Settlement revenues from operational grants		24,127,531,623
Reversal of contra-accounts for assets funded by operational grants		36,476,968
Gain on sales of non-current assets		25,983,634
		24,189,992,225
Net income		36,117,432,629
Reversal of reserve fund carried over from the previous Mid-term Objective period		501,370,340
Total income for the current business year		36,618,802,969

Statement of Cash Flows (April 1, 2016–March 31, 2017)

(Unit: Yen)

I. Cash flows from operating activities	
Payments of operating expenses	(150,814,180,614)
Payments for grant aid	(80,011,715,913)
Payments for contracted programs	(448,559,603)
Payments of personnel expenses	(16,389,700,746)
Payments for other operations	(284,297,784)
Proceeds from operational grants	155,449,678,000
Proceeds from grant aid	98,142,054,663
Proceeds from contracted programs	338,683,859
Proceeds from interest on loans	4,682,174
Proceeds from settlement projects	924,158
Interest revenues	27,264
Installments receivable	896,894
Proceeds from donations	48,065,515
Proceeds from other operations	2,880,319,914
Subtotal	8,915,953,623
Interest income received	11,131,962
Payments to national treasury	(3,537,938,819)
Net cash provided by operating activities	5,389,146,766
II. Cash flows from investing activities	
Payments for purchase of non-current assets	(2,834,485,410)
Proceeds from sales of non-current assets	571,411,163
Proceeds from subsidy for facilities	138,780,000
Proceeds from collection of loans	229,008,565
Payments into time deposits	(422,000,000,000)
Proceeds from time deposit refund	422,000,000,000
Payments for purchase of negotiable deposits	(752,000,000,000)
Proceeds from refund of negotiable deposits	738,000,000,000
Net cash used in investing activities	(15,895,285,682)
III. Cash flows from financing activities	
Repayments of lease obligations	(141,595,072)
Payments to national treasury for unnecessary property	(520,377,489)
Net cash used in financing activities	(661,972,561)
IV. Effect of exchange rate fluctuation on funds	(109,180,910)
V. Net increase in funds (decrease)	(11,277,292,387)
VI. Funds at the beginning of the business year	91,614,651,637
VII. Funds at the end of the business year	80,337,359,250

Statement of Administrative Service Operation Cost (April 1, 2016–March 31, 2017)

(Unit: Yen)

I. Operating expenses		
(1) Expenses on statement of income		
Operating expenses	237,401,485,467	
General administrative expenses	9,451,497,201	
Financial expenses	90,309,286	
Miscellaneous loss	2,348,975	
Loss on disposal of non-current assets	41,302,842	
Loss on sales of non-current assets	3,556,257	246,990,500,028
(2) (Deduction) Self-revenues, etc.		
Revenues from contracted programs	(255,618,800)	
Revenues from interest on development projects	(2,458,116)	
Revenues from settlement projects	(26,670)	
Revenues from emigration projects	(1,361,814)	
Donations	(16,856,587)	
Reversal of allowance for loan losses	(15,051,937)	
Financial revenues	(11,120,677)	
Miscellaneous income	(3,054,388,920)	
Gain on sales of non-current assets	(25,983,634)	(3,382,867,155)
Total operating expenses		243,607,632,873
II. Depreciation not included in expenses		1,288,101,504
III. Disposal and sale differential not included in expenses		345,656,256
IV. Estimated bonus payments not included in provision		52,618,880
V. Estimated increase in retirement benefits not included in provision		512,897,138
VI. Opportunity cost		
Opportunity cost of government investment		27,116,581
VII. Administrative service operation cost		<u>245,834,023,232</u>

Significant Accounting Policies

JICA adopted the "Accounting Standards for Incorporated Administrative Agencies and Notes to Accounting Standards for Incorporated Administrative Agencies" (February 16, 2000 (Revised January 27, 2015), and the Q&A on Accounting Standards for Incorporated Administrative Agencies and Notes to Accounting Standards for Incorporated Administrative Agencies (August 2000 (Finally revised February 2016)).

However, the provisions prior to the revisions have been applied regarding the disclosures of segment information in accordance with the transitional measures of the Accounting Standards for Incorporated Administrative Agencies.

1 Revenue recognition method of operational grants

Revenue from operational grants is recognized based on the level of operational achievement.

The revenue recognition method based on term is applied for administrative operations except the operations which have been specified as having a direct correlation between the operational achievement and operational grants.

The revenue from disaster relief operations, which are relief operations for unexpected disasters during the period, is recognized as the related expenses are incurred, since it is difficult to estimate the budget and terms, and specify a correlation between the operational achievement and operational grants.

(Changes in accounting policies)

Revenue from operational grants was recognized as the related expenses were incurred until the business year 2015. The revenue recognition method is changed from the business year 2016 in accordance with the amendment of Accounting Standard for Incorporated Administrative Agency and other related rules. This change has increased both ordinary revenues and net income by ¥9,799,909,305, compared to the method which was applied for the previous business year. The change does not affect the statement of administrative service operation cost.

2 Depreciation method

(1) Tangible assets (except for lease assets)

Straight-line method

The useful lives of major assets are as follows:

Buildings:	1–50 years
Structures:	1–42 years
Machinery and equipment:	1–17 years
Vehicles:	1–6 years
Tools, furniture, and fixtures:	1–15 years

The estimated depreciation costs for specific depreciable assets (Accounting Standard for Incorporated Administrative Agency No. 87) and specific removal costs, etc., associated with asset retirement obligations (Accounting Standard for Incorporated Administrative Agency No. 91) are indirectly deducted from capital surplus and reported as accumulated depreciation not included in expenses.

(2) Intangible assets (except for lease assets)

Straight-line method

Software used by JICA is depreciated over its useful life (5 years), which has been determined by JICA.

(3) Lease assets

Lease assets are depreciated by the straight-line method over the lease term. Depreciation for lease assets is calculated with zero residual value being assigned to the asset.

3 Standard for appropriation of provision and estimation for bonuses

A provision for bonuses is not appropriated since the financial source is secured by operational grants. The estimated bonus payments not included in the provision in the statement of administrative service operation cost is reported as a current business year estimate of the provision for

bonuses, calculated according to the Accounting Standard for Incorporated Administrative Agency No. 88.

4 Standard for appropriation of provision and estimation for retirement benefits

A provision for retirement benefits is not appropriated for retirement benefits since the financial source is secured by operational grants.

A provision for retirement benefits is not provided for pension benefits from the defined benefit corporate pension plan since the financial source for defined benefit corporate pension plan insurance fees and reserve shortfall is secured by operational grants.

The estimated increase in retirement benefits not included in the provision in the statement of administrative service operation cost is reported as the current business year increase of provision for retirement benefits regarding retirement benefits and employees' pension fund, calculated according to the Accounting Standard for Incorporated Administrative Agency No. 38.

5 Basis and standard for appropriation of allowances, etc.

Allowance for loan losses

To provide for loan losses, JICA records the estimated amount of default, taking into account the transition rate to delinquent loans for ordinary loans and specific collectibility of doubtful loans, etc.

6 Standard and method for the valuation of securities

Held-to-maturity securities

Valued using the amortized cost method (straight-line method)

7 Standard and method for the valuation of inventories

Stored goods

Stored goods valuation is based on the lower of cost or market using the first-in, first-out (FIFO) method.

8 Translation standard for foreign currency-denominated assets and liabilities into yen

Foreign currency money claims and liabilities are translated into Japanese yen at the spot exchange rate at the balance sheet date. Exchange differences are recognized as profit or loss.

9 Method for computing opportunity cost in the Statement of Administrative Service Operation Cost

Interest rate used to compute opportunity cost of government investment: 0.065% with reference to the yield of 10-year fixed-rate Japanese government bonds at the end of March 2017.

10 Accounting treatment for consumption taxes

Consumption taxes and local consumption taxes are included in transaction amounts.

Notes to the financial statements

(Balance Sheet)

1 Estimated retirement benefits to be provided from the operational grants

¥16,443,709,215

2 Estimated bonus to be provided from the operational grants

¥1,077,714,200

3 Impairment loss on non-current assets

Non-current assets indicating impairment loss

(1) Outline of usage, type, location, book value of non-current assets that indicated an impairment loss

(Unit: Yen)

Name of asset	Usage	Location	Type	Book value
Soubudai Jutaku	Employee housing	Zama city, Kanagawa prefecture	Building	480,287,919

(2) Background and reason for the indication of impairment loss

The asset presented an impairment indicator since occupancy ratio was less than 50% at the end of business year 2016. However, impairment loss has not been recognized because the building continued to be utilized for employee housing.

4 Donated funds for grant aid

Grant aid is received in the form of donated funds from the government of Japan. JICA administers this grant aid based on Grant Agreements with the government of the recipient country. At the end of business year 2016, the outstanding balance of unexecuted Grant Agreements stood at ¥246,539,615,319.

(Statement of Cash Flows)

The funds shown in the statement of cash flows are cash, deposit accounts, and checking accounts.

1 Breakdown of balance sheet items and ending balance of funds

(as of March 31, 2017)

Cash and deposits	¥86,547,359,250
Time deposits	¥(6,210,000,000)
Ending balance of funds	¥80,337,359,250

2 Description of significant non-cash transactions

Assets granted under finance lease

Tools, furniture, and fixtures	¥59,476,037
--------------------------------	-------------

(Statement of Administrative Service Operation Cost)

Number of public officers temporarily transferred to JICA and accounted for as opportunity cost

Of the estimated increase in retirement benefits not included in the provision, ¥16,418,302 was recognized as the current-business-year increase in provision for retirement benefits for 29 public officers temporarily transferred to JICA according to JICA's internal rules.

(Financial Instrument)

1 Status of financial instruments

The General Account's fund management is limited to short-term deposits and public and corporate bonds while fund-raising consists mainly of operational grants approved by the competent minister. The General Account does not borrow from the government fund for Fiscal Investment and Loan Program (FILP), nor does it borrow funds from financial institutions or issue FILP Agency Bonds.

2 Fair value of financial instruments

Balance sheet amounts, fair value, and difference at the balance sheet date are as follows:

(Unit: Yen)

	Balance sheet amount	Fair value	Difference
(1) Cash and deposits	86,547,359,250	86,547,359,250	0
(2) Securities	98,000,000,000	98,000,000,000	0
(3) Accounts payable	(16,855,398,956)	(16,855,398,956)	0

(Note) Liabilities are shown in parentheses.

(Note 1) Calculation method for fair value of financial instruments and matters concerning securities

[1] Cash and deposits

Cash and deposits are valued at book value because fair value approximates book value due to the short-term nature of these instruments.

[2] Securities (negotiable deposits)

Negotiable deposits are valued at book value because fair value approximates book value due to the short-term nature of these instruments.

[3] Accounts payable

Accounts payable are valued at book value because fair value approximates book value due to the short-term nature of these instruments.

(Retirement benefits)

1 Overview of retirement benefit plans

To provide retirement benefits for employees, JICA has a defined benefit pension plan comprised of a defined benefit corporate pension plan and a lump-sum severance indemnity plan, and a defined contribution plan comprised of a defined contribution pension plan.

2 Defined benefit pension plan**(1) The changes in the retirement benefit obligation are as follows:**

(Unit: Yen)

Retirement benefit obligation at the beginning of the business year	30,519,521,235
Current service cost	1,091,166,461
Interest cost	138,793,057
Actuarial difference	(13,209,817)
Retirement benefit paid	(889,936,752)
Past service cost	0
Contribution by the employee	65,471,664
Retirement benefit obligation at the end of the business year	30,911,805,848

(2) The changes in the plan assets are as follows:

(Unit: Yen)

Plan assets at the beginning of the business year	14,867,199,924
Expected return on plan assets	0
Actuarial difference	(320,107,733)
Contribution by the company	445,350,914
Retirement benefit paid	(294,909,068)
Contribution by the employee	65,471,664
Plan assets at the end of the business year	14,763,005,701

(Note) Plan assets include ¥ 6,226,859,000 paid in advance to the National Treasury in relation to the return of the substitutional portion of the Employees' Pension Funds.

(3) Reconciliation of the projected benefit obligations and plan assets and provision for retirement benefits and prepaid pension expenses in the balance sheets

(Unit: Yen)

Funded retirement benefit obligation	17,058,217,138
Plan assets	(14,763,005,701)
Unfunded benefit obligations of funded pension plan	2,295,211,437
Unfunded benefit obligations of unfunded pension plan	13,853,588,710
Subtotal	16,148,800,147
Unrecognized actuarial differences	0
Unrecognized past service cost	0
Net amount of assets and liabilities in the balance sheets	0
Provision for retirement benefits	0
Prepaid pension expenses	0
Net amount of assets and liabilities in the balance sheets	0

(Note) A provision for retirement benefits is not appropriated for the difference between retirement benefit obligations and plan assets and net amount of assets and liabilities in the balance sheet, ¥ 16,148,800,147, since the financial source is secured by operational grants.

(4) Profit or loss regarding retirement benefits

	(Unit: Yen)
Current service cost	1,091,166,461
Interest cost	138,793,057
Expected return on plans assets	0
Realized actuarial differences	306,897,916
Amortization of past service cost	0
Extraordinary additional retirement payments	0
Total	1,536,857,434

(5) Major components of plan assets

Percentages of components to the total (excluding plan assets paid in advance) are as follows:

Bonds	36%
Stocks	34%
General account of life insurance company	20%
Others	10%
Total	100%

(6) Method of determining the long-term expected rate of return on plan assets

The long-term expected rate of return on plan assets is determined based on components of plan assets, its performance and market condition, etc.

(7) Assumptions used

Principal assumptions used in actuarial calculations at the end of the business year

Discount rate	Defined benefit corporate pension plan	0.23%
	Retirement benefits	0.74%
Long-term expected rate of return on plan assets		0.00%

3 Defined contribution plan

The amount of contribution required to be made to the defined contribution plan is ¥48,991,626.

(Lease transactions)**1. Future minimum lease payments related to operating lease transactions**

Future minimum lease payments due within one year of the balance sheet date	¥41,902,154
Future minimum lease payments corresponding to periods more than one year from the balance sheet date	¥98,891,826

2. The amount of the finance lease transactions that influenced the current business year's profits and losses was ¥257,872. Total income for the current business year after the deduction of this amount was ¥36,619,060,841.

(Asset retirement obligations)

JICA has a building lease agreement for its head office building, and has obligations to restore the building to its original state at the termination of the lease period. Therefore, these asset retirement obligations have been recorded. The estimate for the asset retirement obligations assumes a five-year lease period for the projected period of use and a discount rate of 0.529%.

The balance of the asset retirement obligations at the end of the current business year was ¥276,125,850.

(Payments to the National Treasury, etc., for unnecessary property)

A summary of payments to the National Treasury for unnecessary property in the current business year is as follows (such payment can be executed by selling unnecessary property to a third party and paying to the National Treasury the difference between the considerations received and the property's book value (the "transfer balance")):

Regarding the transfer of employee housing units, the transfer balance of the transactions designated as "transfer transactions whose transfer balance shall not be included as the profit and loss in the calculation of profits and losses" as per Article 13-2 of the Ordinance of the Ministry for the Operations, Finances and Accounting of the Japan International Cooperation Agency

(Ordinance of Ministry of Foreign Affairs No. 22 of September 30, 2003 (final amendment, November 30, 2016)) and the expenses related to the transfer were not included in the profits and losses on the Statement of Income but are deducted from capital surplus by applying the Accounting Standard for Incorporated Administrative Agency No. 99.

Employee housing

Outline of the type and book value, etc., of assets subject to the payment to the National Treasury as unnecessary property

[1] Type	Building and Land	Building and Land	Building, Structure, and Land	Building and Land	
[2] Name of assets	Tokorozawa Jutaku	Komagane-kougai Jutaku	Tukubakougai Jutaku	Shinoharacho Jutaku	
[3] Book value	(1)Acquisition cost	¥231,488,482	¥32,971,882	¥444,213,838	¥56,095,000
	(2)Depreciation	¥35,590,520	¥7,797,453	¥57,755,550	¥1,931,400
	(3)Impairment loss	¥121,121,661	¥21,746,555	¥121,163,091	¥8,767,600
	(4)Book value	¥74,776,301	¥3,427,874	¥265,295,197	¥45,396,000
[4] Reason for unnecessary property	Based on the Mid-term Plan, etc., it was decided that unnecessary property would be disposed of by payments to the National Treasury, in accordance with the enhancement of the Act for partial revision to the Act on General Rules for Incorporated Administrative Agencies (Act No. 37 of 2010), which prescribed returns of unnecessary property to the National Treasury by Incorporated Administrative Agencies.				
[5] Method of the payment to the National Treasury	Payment of the transfer balance net of the related expense pursuant to Paragraph 2 of Article 46-2 of the Act on General Rules for Incorporated Administrative Agencies.				
[6] Amount of the transfer balance of unnecessary property (excluding tax)	¥144,638,387		¥347,383,374	¥30,750,423	
[7] Deducted expenses (excluding tax)	¥8,407,831				
[8] Amount and date of payment to national treasury	Amount	¥514,364,353			
	Date	February 16, 2017			
[9] Capital reduction	¥764,769,202				
[10] Remarks	Tokorozawa Jutaku and Komagane-kougai Jutaku are sold as a package				

(Significant Contractual Liabilities)

Contractual liabilities JICA is obligated to pay during the next business year and thereafter are ¥4,641,100,841.

(Significant subsequent events)

Not applicable

The financial statements have been audited by an accounting auditor as prescribed in Article 39 of the Act on General Rules for Incorporated Administrative Agencies.

2 Finance and Investment Account

Balance Sheet (as of March 31, 2017)

Assets			
I. Current assets			
Cash and deposits		208,992,616,064	
Securities		2,000,000,000	
Loans	11,661,979,711,338		
Allowance for loan losses	(165,531,067,974)	11,496,448,643,364	
Advance payments		19,942,883,275	
Prepaid expenses		118,182,761	
Accrued income			
Accrued interest on loans	31,939,716,128		
Accrued commitment charges	705,371,585		
Accrued interest	179,892	32,645,267,605	
Accounts receivable		908,050,122	
Suspense payments		4,657,033	
Advances paid		848,152	
Short-term guarantee deposits		17,706,000,000	
	Total current assets		11,778,767,148,376
II. Non-current assets			
1. Tangible assets			
Buildings	3,266,812,548		
Accumulated depreciation	(985,260,874)		
Accumulated impairment loss	(680,161,972)	1,601,389,702	
Structures	50,286,752		
Accumulated depreciation	(22,192,322)		
Accumulated impairment loss	(11,670,468)	16,423,962	
Machinery and equipment	194,594,251		
Accumulated depreciation	(65,221,187)		
Accumulated impairment loss	(102,287,680)	27,085,384	
Vehicles	408,074,789		
Accumulated depreciation	(205,851,045)	202,223,744	
Tools, furniture and fixtures	370,686,607		
Accumulated depreciation	(245,034,615)	125,651,992	
Land	12,703,270,000		
Accumulated impairment loss	(6,091,196,973)	6,612,073,027	
Construction in progress		22,521,084	
	Total tangible assets	8,607,368,895	
2. Intangible assets			
Trademark right		452,906	
Software		115,519,055	
Software in progress		531,519,518	
	Total intangible assets	647,491,479	
3. Investments and other assets			
Investment securities		2,645,877,928	
Shares of affiliated companies		43,634,338,940	
Money held in trust		15,511,130,579	
Claims probable in bankruptcy, claims probable in rehabilitation, and other	87,062,884,239		
Allowance for loan losses	(73,483,682,562)	13,579,201,677	
Long-term prepaid expenses		53,955,665	
Long-term guarantee deposits		700,941,263	
	Total investments and other assets	76,125,446,052	
	Total non-current assets		85,380,306,426
	Total assets		11,864,147,454,802

(Unit: Yen)

Liabilities			
I. Current liabilities			
Current portion of borrowings from government fund for Fiscal Investment and Loan Program		188,059,967,000	
Accounts payable		5,762,648,946	
Accrued expenses		6,127,855,016	
Derivatives		17,597,957,963	
Lease obligations		25,768,610	
Deposits received		1,161,305,036	
Unearned revenue		5,299,704	
Provision			
Provision for bonuses	284,404,876		
Provision for contingent losses	<u>13,148,734,498</u>	13,433,139,374	
Suspense receipt		<u>252,219,442</u>	
Total current liabilities			232,426,161,091
II. Non-current liabilities			
Bonds		590,595,600,000	
Discounts on bonds payable		(334,612,737)	
Borrowings from government fund for Fiscal Investment and Loan Program		1,552,258,964,000	
Long-term lease obligations		7,339,303	
Long-term deposits received		2,484,168,000	
Provision for retirement benefits		4,292,719,026	
Asset retirement obligations		<u>70,374,150</u>	
Total non-current liabilities			2,149,374,551,742
Total liabilities			2,381,800,712,833
Net assets			
I. Capital			
Government investment		<u>7,992,227,840,510</u>	
Total capital			7,992,227,840,510
II. Retained earnings			
Reserve fund		1,472,558,065,095	
Unappropriated income for the current business year		<u>74,363,358,892</u>	
[Total income for the current business year]		[74,363,358,892]	
Total retained earnings			1,546,921,423,987
III. Valuation and translation adjustments			
Valuation difference on available-for-sale securities		(40,138,542)	
Deferred gains or losses on hedges		<u>(56,762,383,986)</u>	
Total valuation and translation adjustments			(56,802,522,528)
Total net assets			9,482,346,741,969
Total liabilities and net assets			<u>11,864,147,454,802</u>

Statement of Income (April 1, 2016–March 31, 2017)

Ordinary expenses				
Expenses related to operations of cooperation through finance and investment				
Interest on bonds and notes		6,116,009,487		
Interest on borrowings		18,632,507,425		
Interest on interest rate swaps		8,270,000,628		
Other Interest expenses		417,817		
Operations consignment expenses		24,432,167,675		
Bond issuance cost		591,326,417		
Personnel expenses		3,812,418,036		
Provision for bonuses		284,404,876		
Retirement benefit expenses		514,441,745		
Operating and administrative expenses		12,605,057,490		
Depreciation		186,574,310		
Taxes		80,633,707		
Loss on valuation of investment securities		548,496,821		
Loss on valuation of shares of affiliated companies		126,468,265		
Loss on investment in money held in trust		837,524,554		
Provision for allowance for loan losses		21,961,138,899		
Other operating expenses		104,866,631		
Other ordinary expenses		352,574	99,104,807,357	
	Total ordinary expenses			99,104,807,357
Ordinary revenues				
Revenues from operations of cooperation through finance and investment				
Interest on loans		152,760,592,741		
Interest on bonds		4,053		
Dividends on investments		13,645,224,178		
Commissions		2,920,154,750		
Foreign exchange gains		750,242,268		
Reversal of provision for allowance for contingent losses		2,600,035,337	172,676,253,327	
Financial revenues				
Interest income		18,147,240	18,147,240	
Miscellaneous income			768,768,354	
Recoveries of written-off claims			19,932,577	
	Total ordinary revenues			173,483,101,498
	Ordinary income			74,378,294,141
Extraordinary losses				
Loss on disposal of non-current assets			5,497,831	
Loss on sales of non-current assets			518,192	
Impairment loss			15,311,316	21,327,339
Extraordinary income				
Gain on sales of non-current assets			6,392,090	6,392,090
Net income				74,363,358,892
Total income for the current business year				74,363,358,892

Statement of Cash Flows (April 1, 2016–March 31, 2017)

(Unit: Yen)

I. Cash flows from operating activities	
Payments for loans	(878,083,539,065)
Repayments of borrowings from government fund for Fiscal Investment and Loan Program	(219,211,646,000)
Interest expenses paid	(48,600,561,680)
Payments for personnel expenses	(4,356,193,739)
Payments for other operations	(85,256,752,991)
Proceeds from collection of loans	700,862,732,004
Proceeds from borrowings from government fund for Fiscal Investment and Loan Program	203,000,000,000
Proceeds from issuance of bonds	110,388,853,743
Proceeds from interest on loans	149,643,395,588
Proceeds from commissions	3,520,151,151
Proceeds from other operations	66,346,728,588
Subtotal	(1,746,832,401)
Interest and dividend income received	13,663,283,655
Net cash provided by operating activities	11,916,451,254
II. Cash flows from investing activities	
Payments for purchase of non-current assets	(651,311,361)
Proceeds from sales of non-current assets	23,354,663
Payments for purchase of investment securities	(2,328,255,822)
Proceeds from sales and collection of investment securities	9,938,391
Payments for purchase of shares of affiliated companies	(2,061,950,000)
Payments for increase of money held in trust	(16,348,655,133)
Payments into time deposits	(14,770,878,000)
Proceeds from time deposit refund	16,550,862,000
Payments for purchase of negotiable deposits	(5,000,000,000)
Proceeds from refund of negotiable deposits	3,000,000,000
Net cash used in investing activities	(21,576,895,262)
III. Cash flows from financing activities	
Repayments of lease obligations	(32,333,135)
Receipt of government investment	130,070,000,000
Net cash provided by financing activities	130,037,666,865
IV. Effect of exchange rate fluctuation on funds	1,084,168,241
V. Net increase in funds (decrease)	121,461,391,098
VI. Funds at the beginning of the business year	87,531,224,966
VII. Funds at the end of the business year	208,992,616,064

Statement of Administrative Service Operation Cost (April 1, 2016–March 31, 2017)

(Unit: Yen)

I. Operating expenses	
(1) Expenses in the statement of income	
Expenses related to operations of cooperation through finance and investment	99,104,807,357
Loss on disposal of non-current assets	5,497,831
Loss on sales of non-current assets	518,192
Impairment loss	15,311,316
	99,126,134,696
(2) (Deduction) Self-revenues, etc.	
Revenues from operations of cooperation through finance and investment	(172,676,253,327)
Financial revenues	(18,147,240)
Miscellaneous income	(768,768,354)
Recoveries of written-off claims	(19,932,577)
Gain on sales of non-current assets	(6,392,090)
	(173,489,493,588)
Total operating expenses	(74,363,358,892)
II. Estimated increase in retirement benefits not included in provision	4,364,363
III. Opportunity cost	
Opportunity cost of government investment	5,152,675,346
IV. Administrative service operation cost	(69,206,319,183)

Significant Accounting Policies

1 Depreciation method

(1) Tangible assets (except for lease assets)

Straight-line method

The useful lives of major assets are as follows:

Buildings:	2–50 years
Structures:	2–46 years
Machinery and equipment:	2–17 years
Vehicles:	2–6 years
Tools, furniture and fixtures:	2–15 years

(2) Intangible assets (except for lease assets)

Straight-line method

Software used by JICA is depreciated over its useful life (5 years), which has been determined by JICA.

(3) Lease assets

Lease assets are depreciated by the straight-line method over the lease term. Depreciation for lease assets is calculated with zero residual value being assigned to the asset.

2 Standard for appropriation of provision and estimation for bonuses

The provision for bonuses is calculated and provided for based on estimated amounts of future payments attributable to the services that have been rendered by officers and employees applicable to the current business year.

3 Standard for appropriation of provision and estimation for retirement benefits

The provision for retirement benefits is calculated and provided for based on estimated amounts of future payments attributable to the retirement of employees, and is accrued in line with the retirement benefit obligations and estimated plan assets applicable to the business year ended March 31, 2017. In calculating the retirement benefit obligations, the estimated amount of retirement benefit payments is attributed to the period based on the straight-line basis. The profit and loss appropriation method for actuarial differences and past service costs are presented as follows:

Actuarial differences are recognized as a lump-sum gain or loss in the business year in which they occur.

Past service costs are recognized as a lump-sum gain or loss in the business year in which they occur.

The estimated increase in retirement benefits not included in provision in the statement of administrative service operation cost is reported as the current-year increase of provision for retirement benefits, calculated according to the Accounting Standard for Incorporated Administrative Agency No. 38.

4 Basis and standard for appropriation of allowance, etc.

(1) Allowance for loan losses

The allowance for claims on debtors who are legally bankrupt ("Bankrupt borrowers") or substantially bankrupt ("Substantially bankrupt borrowers") is provided based on the outstanding balance of loan claims after the deductions of the amount expected to be collected through the disposal of collateral and execution of guarantees, or the same amount is written off directly. The allowance for claims on debtors who are not legally bankrupt, but are likely to become bankrupt ("Potentially bankrupt borrowers") is provided based on an overall assessment of the solvency of the debtors after the deductions of the amount expected to be collected through the disposal of collateral and the execution of guarantees, or the same amount is written off directly. There were no write-offs from the above-mentioned outstanding balance of loan claims for the business year 2016.

The allowance for claims on debtors other than Bankrupt borrowers, Substantially bankrupt borrowers, and Potentially bankrupt borrowers is provided primarily based on the default rate, which is calculated based on the actual defaults during a certain period in the past. The allowance for possible losses on specific overseas loans is provided based on the expected loss amount taking into consideration the political and economic situation of these countries.

All claims are assessed initially by the operational departments (including regional departments) based on internal rules for self-assessment of asset

quality. Internal audit department, which is independent from the operational departments, reviews these self-assessments, and an allowance is provided based on the results of the assessments.

(2) Provision for contingent losses

Provision for contingent losses is provided to prepare for the occurrence of contingent losses for a portion of the undisbursed balance of loan commitments, which JICA is absolutely obligated to extend. The amount of the provision is estimated based on the possibility of losses in the future.

5 Standard and method for the valuation of securities

(1) Held-to-maturity securities

Applied using the amortized cost method (straight-line method).

(2) Shares of affiliated companies

Shares of affiliated companies are stated at cost, determined using the moving-average method.

However, when the amount corresponding to the equity holding has fallen below the cost at acquisition, the amount corresponding to the equity holding is used.

(3) Other investment securities (whose fair value is extremely difficult to determine)

Other investment securities are stated at cost, determined using the moving-average method.

Investments in limited partnerships and other similar partnerships, which are regarded as securities under Article 2, Clause 2 of the Japanese Financial Instruments and Exchange Law, Act No. 25 of 1948, are recognized at an amount equivalent to JICA's percentage share of the net assets of such partnerships, based upon the most recent financial statements available depending on the report date stipulated in the partnership agreement.

6 Standard and method for the valuation of derivative transactions

All derivative financial instruments are carried at fair value.

7 Method for amortization of discount on bonds payable

Discount on bonds payable is amortized over the duration of the bonds.

8 Translation standard for foreign currency-denominated assets and liabilities into yen

Foreign currency money claims and liabilities are translated into Japanese yen mainly at the spot exchange rate at the balance sheet date. Exchange differences are recognized as profit or loss.

9 Method for computing opportunity cost in the statement of administrative service operation cost

Interest rate used to compute opportunity cost concerning government investment:

0.065% with reference to the yield of 10-year fixed-rate Japanese government bonds at the end of March 2017.

10 Method of hedge accounting

(1) Method of hedge accounting

Interest rate swaps are accounted for using the deferral hedge accounting method or the accrual method. Currency swaps are accounted for by the assignment method. As for interest rate and currency swaps, the interest rate part is accounted for using the accrual method and the currency part is accounted for by the assignment method.

(2) Hedging instruments and hedged items

- [1] Hedging instruments...Interest rate swaps
Hedged items...Loans, bonds and foreign currency bonds
- [2] Hedging instruments...Currency swaps
Hedged items...Foreign currency bonds
- [3] Hedging instruments...Interest rate and currency swaps
Hedged items...Foreign currency bonds

(3) Hedging policy

JICA engages in interest rate swaps, currency swaps, or interest rate

and currency swaps for the purpose of hedging interest rate or currency fluctuation risks.

(4) Method of evaluation of hedge effectiveness

Hedges that offset market fluctuations of loans are assessed based on discrepancies with regard to maturity and notional principal and others between hedged loans and hedging instruments.

Hedges that offset market fluctuations of bonds are assessed by measuring and comparing the change in fair value of both hedging instruments and corresponding hedged items from the date of inception of the hedges to the assessment date. As for interest rate swaps that satisfy the requirements of the accrual method, currency swaps that satisfy the requirements of the assignment method, and interest rate and currency swaps that satisfy the requirements of the accrual method and the assignment method, JICA is not required to periodically evaluate hedge effectiveness.

11 Accounting treatment for consumption taxes

Consumption taxes and local consumption taxes are included in transaction amounts.

Notes to the financial statements

(Balance Sheet)

1 Joint obligations

JICA is jointly liable for obligations arising from the following bonds issued by the former Japan Bank for International Cooperation which was succeeded by the Japan Bank for International Cooperation:

Fiscal Investment and Loan Program (FILP) Agency Bonds
200,000,000,000 Yen

2 Impairment loss on non-current assets

Non-current assets for which impairment loss was recognized

(1) Outline of the usage, type, location, book value, etc. of a non-current asset for which an impairment loss was recognized.

Impairment loss was recognized for the following asset:

(Unit: Yen)

Name of asset	Usage	Location	Type	Book value before impairment loss	Impairment loss during the period	Accumulated impairment loss at the end of the period
Chofu Jutaku	Employee housing	Chofu city, Tokyo	Building	15,311,316	15,311,316	15,311,316

(2) Background relating to the recognition of impairment loss

The asset was considered impaired because there were no residents and no plans to utilize the asset in the future.

3 Undisbursed balance of loan commitments

Most of JICA's loans are long term. Ordinarily, when receiving a request for disbursement of a loan from a borrower, corresponding to the intended use of funds as stipulated by the loan agreement, and upon confirming the fulfillment of conditions prescribed under the loan agreement, JICA promises to loan a certain amount of funds within a certain range of the amount required by the borrower, with an outstanding balance within the limit of loan commitments. The undisbursed balance of loan commitments as of March 31, 2017 was ¥6,163,278,043,046.

(Statement of Income)

1 Gain (loss) on valuation of investment securities and gain (loss) on valuation of shares of affiliated companies

Gain (loss) on valuation of investment securities and gain (loss) on valuation of shares of affiliated companies include gain and loss resulting from valuations, sales and collections of these securities.

2 Recoveries of written-off claims

Recoveries of written-off claims include the amount recovered in excess of book value of the loans transferred to JICA on October 1, 2008, that are associated with the Overseas Economic Cooperation Account of the former Japan Bank for International Cooperation.

(Statement of Cash Flows)

The funds shown in the statement of cash flows are deposit accounts and checking accounts.

1 Breakdown of balance sheet items and ending balance of funds

(as of March 31, 2017)

Cash and deposits	¥208,992,616,064
Ending balance of funds	¥208,992,616,064

2 Description of significant non-cash transactions

Assets granted under finance lease	
Tools, furniture and fixtures	¥362,767

(Statement of Administrative Service Operation Cost)

Number of public officers temporarily transferred to JICA and accounted for as opportunity cost

Of the estimated increase in retirement benefits not included in the provision, ¥4,364,363 was recognized as the current-business-year increase of provision for retirement benefits for 29 public officers temporarily transferred to JICA according to JICA's internal rules.

(Financial instruments)

1 Status of financial instruments**(1) Policy regarding financial instruments**

The Finance and Investment Account undertakes financial cooperation operations by providing debt and equity financing. In undertaking these operations, it raises funds by borrowing from the Japanese Government under the FILP, borrowing from financial institutions, issuing bonds, and receiving capital investment from the Japanese Government. From the perspective of asset-liability management (ALM), derivative transactions are conducted for mitigating the adverse impact caused by interest rate and foreign exchange fluctuations.

(2) Details of financial instruments and related risks

The financial assets held in the Finance and Investment Account are loans mainly to developing regions, and are exposed to credit risk attributed to defaults by its borrowers and interest rate risk. Securities, investment securities, and shares of affiliated companies are held for policy-oriented purposes, and are exposed to credit risk of issuers, interest rate risk, and market price volatility risk.

Borrowings and bonds are exposed to liquidity risk as their payments or repayments cannot be duly serviced in such a situation where the account is unable to have access to markets for certain reasons.

In addition to the above, foreign currency claims and liabilities are exposed to foreign exchange fluctuation risk.

(3) Risk management system for financial instruments**[1] Credit risk management**

The Finance and Investment Account has established and operates a system for credit management. This system encompasses credit appraisal, credit limit setting, credit information monitoring, internal rating, guarantee and collateral setting, problem loan management, etc., in accordance with integrated risk management rules and various credit risk-monitoring rules. This credit management is carried out by the operational departments (including region department), in addition to the Credit Risk Analysis and Environmental Review Department and General Affairs Department. Additionally, the Risk Management Committee of the Finance and Investment Account and Board Meeting convene on a regular basis for the purpose of deliberating or reporting. Moreover, the Office of Audit monitors the status of credit management.

The credit risks of issuers of investment securities and shares of affiliated companies are monitored by the Private Sector Partnership and Finance Department, which regularly confirms their credit information, etc.

Counterparty risk in derivative transactions is monitored by regularly confirming the exposure and credit standing of counterparties and by securing collateral as necessary.

[2] Market risk management**(i) Interest rate risk management**

Interest rates are determined in accordance with the methods prescribed by laws or statements of operational procedures. Interest rate swap transactions are conducted to hedge against the risk of interest rate fluctuations in light of their possible adverse impact.

(ii) Foreign exchange risk management

Foreign currency claims and liabilities are exposed to foreign exchange fluctuation risk; as such, foreign currency claims are funded by foreign currency liabilities, and currency swaps and other approaches are employed to avert or reduce foreign exchange risk.

(iii) Price volatility risk management

Stocks and other securities that are held for policy-oriented purposes are monitored for changes in value affected by the market environment or financial condition of the companies, exchange rates, and other factors.

This information is reported on a regular basis to the Risk Management Committee of the Finance and Investment Account and Board Meeting.

[3] Liquidity risk management related to fund raising

The Finance and Investment Account prepares a funding plan and executes fund raising based on the government-affiliated agencies' budgets, as resolved by the National Diet.

[4] Derivative transaction management

Pursuant to rules concerning swaps, derivative transactions are implemented and managed by separating the sections related to execution of transactions, assessment of hedge effectiveness, and logistics management based on a mechanism with an established internal system of checks and balances.

2 Fair value of financial instruments

Balance sheet amount, fair value, and difference at the balance sheet date are as follows:

	(Unit: Yen)		
	Balance sheet amount	Fair value	Difference
(1) Loans	11,661,979,711,338		
Allowance for loan losses	(165,531,067,974)		
	11,496,448,643,364	11,946,907,411,217	450,458,767,853
(2) Claims probable in bankruptcy, claims probable in rehabilitation, and other	87,062,884,239		
Allowance for loan losses	(73,483,682,562)		
	13,579,201,677	13,579,201,677	0
(3) Borrowings from government fund for FILP (including borrowings due within one year)	[1,740,318,931,000]	[1,828,055,191,697]	[87,736,260,697]
(4) Derivative transactions	[17,597,957,963]	[17,597,957,963]	0

* Liabilities are shown in brackets [].

(Note 1) Method for calculating fair values of financial instruments

[1] Loans

Fair values of loans with floating interest rates are calculated at their book values, as policy interest rates (bank rates) are immediately reflected in their floating interest rates, and therefore, fair value approximates book value. On the other hand, fair values of loans with fixed interest rates are calculated by discounting the total amount of the principal and interest using a rate that combines a risk-free rate with the respective borrowers' credit risk.

[2] Claims probable in bankruptcy, claims probable in rehabilitation, and other

Regarding claims probable in bankruptcy, claims probable in rehabilitation, and other, the estimated uncollectible amount is calculated based on the expected recoverable amount through collateral and guarantees. Therefore, fair value approximates the balance sheet amount, less the current estimated uncollectible amount, and hence is calculated accordingly.

[3] Borrowings from government fund for FILP (including borrowings due within one year)

Fair value of borrowings from government fund for FILP (including borrowings due within one year) is calculated by discounting the total amount of principal and interest using interest rates expected to be applied to new borrowings for the same total amount.

[4] Derivative transactions

Derivative transactions are interest rate-related transactions (interest rate swaps), and fair values are based on discounted present values.

(Note 2) The following are financial instruments whose fair values are deemed to be extremely difficult to determine. They are not included in the fair value information of financial instruments.

(Unit: Yen)

	Balance sheet amount
Investment securities *1	2,645,877,928
Shares of affiliated companies *1	43,634,338,940
Money held in trust *2	15,511,130,579
Undisbursed balance of loan commitments *3	0

*1 These financial instruments have no market prices, and the calculation of their fair values is deemed to be impractical.

*2 The money held in trust is composed of the assets in trust that are deemed to be extremely difficult to determine the fair value.

*3 The fair values of the undisbursed balances of loan commitments are deemed to be extremely difficult to determine. The main reason is the difficulty of reasonably estimating future extensions of loans, because of the extremely diverse range of implementation formats for projects in the developing countries where these loans are provided.

(Money held in trust)

1 Money held in trust for the purpose of investment

Not applicable.

2 Money held in trust for the purpose of investment and held-to-maturity

Not applicable.

3 Other (other than for the purpose of investment and held-to-maturity)

(Unit: Yen)

	Balance sheet amount	Acquisition cost	Difference	The amount by which the balance sheet amount exceeds the acquisition cost	The amount by which the balance sheet amount does not exceed the acquisition cost
Money held in trust for others	15,511,130,579	16,348,655,133	837,524,554	0	837,524,554

(Note) "The amount by which the balance sheet amount exceeds the acquisition cost" and "The amount by which the balance sheet amount does not exceed the acquisition cost" are the breakdown of "Difference".

(Retirement benefits)

1 Overview of retirement benefit plans

To provide retirement benefits for employees, JICA has a defined benefit pension plan comprised of a defined benefit corporate pension plan and a lump-sum severance indemnity plan, and a defined contribution plan comprised of a defined contribution pension plan.

2 Defined benefit pension plan

(1) The changes in the retirement benefit obligation are as follows:

(Unit: Yen)

Retirement benefit obligation at the beginning of the business year	7,923,004,567
Current service cost	290,464,273
Interest cost	36,894,357
Actuarial differences	186,268,087
Retirement benefit paid	(236,565,466)
Past service cost	0
Contribution by the employee	16,996,495
Retirement benefit obligation at the end of the business year	8,217,062,313

(2) The changes in the plan assets are as follows:

(Unit: Yen)

Plan assets at the beginning of the business year	3,859,591,768
Expected return on plan assets	0
Actuarial differences	11,996,826
Contribution by the company	114,151,748
Retirement benefit paid	(78,393,550)
Contribution by the employee	16,996,495
Plan assets at the end of the business year	3,924,343,287

(Note) Plan assets include ¥1,655,241,000 paid in advance to the National Treasury in relation to the return of the substitutional portion of the Employees' Pension Funds.

(3) Reconciliation of the retirement benefit obligations and plan assets and provision for retirement benefits and prepaid pension expenses in the balance sheets

	(Unit: Yen)
Funded retirement benefit obligation	4,534,462,783
Plan assets	(3,924,343,287)
Unfunded benefit obligations of funded pension plan	610,119,496
Unfunded benefit obligations of unfunded pension plan	3,682,599,530
Subtotal	4,292,719,026
Unrecognized actuarial differences	0
Unrecognized past service cost	0
Net amount of assets and liabilities in the balance sheets	4,292,719,026
Provision for retirement benefits	4,292,719,026
Prepaid pension expenses	0
Net amount of assets and liabilities in the balance sheets	4,292,719,026

(4) Profit or loss regarding retirement benefits

	(Unit: Yen)
Current service cost	290,464,273
Interest cost	36,894,357
Expected return on plans assets	0
Realized actuarial differences	174,271,261
Amortization of past service cost	0
Extraordinary additional retirement payments	0
Total	501,629,891

(5) Major components of plan assets

Percentages of components to the total (excluding plan assets paid in advance) are as follows:

Bonds	36%
Stocks	34%
General account of life insurance company	20%
Others	10%
Total	100%

(6) Method of determining the long-term expected rate of return on plan assets

The long-term expected rate of return on plan assets is determined based on components of plan assets, its performance and market condition, etc.

(7) Assumptions used

Principal assumptions used in actuarial calculations at the end of the business year

Discount rate	Defined benefit corporate pension plan	0.23%
	Retirement benefits	0.74%
Long-term expected rate of return on plan assets		0.00%

3 Defined contribution plan

The amount of contribution required to be made to the defined contribution plan is ¥12,811,854.

(Lease transactions)

Future minimum lease payments related to operating lease transactions

Future minimum lease payments due within one year of the balance sheet date	¥381,024
Future minimum lease payments corresponding to periods more than one year from the balance sheet date	¥1,268,920

(Asset retirement obligations)

JICA has a building lease agreement for its head office building, and has an obligation to restore the building to its original state at the termination of the lease period. Therefore, the asset retirement obligations have been recorded. The estimate for the asset retirement obligations assumes a five-year lease period for the projected period of use and a discount rate of 0.529%.

The balance of the asset retirement obligations at the end of the current business year was ¥70,374,150.

(Profit and loss under the equity method)

JICA does not maintain any specific affiliated companies and, as such, does not prepare consolidated financial statements. However, profit and loss under the equity method related to affiliated companies are as follows:

Investment amount in affiliated companies	¥43,634,338,940
Investment amount when applying the equity method	¥58,497,246,893
Capital gain amount from investments when applying the equity method	¥19,798,244,949

(Significant contractual liabilities)

Contract liabilities JICA is obliged to pay during the next business year and thereafter are ¥16,722,117,576.

(Significant subsequent events)

Not applicable.

Details of loans

(Unit: Millions of Yen)

Classification	Balance at the beginning of the period	Increase during the period	Decrease during the period		Balance at the end of the period	Remarks
			Collection, etc.	Write-off		
Loans	11,502,091	884,053	724,164	—	11,661,980	
Claims probable in bankruptcy, claims probable in rehabilitation, and other	63,845	23,225	8	—	87,063	
Total	11,565,936	907,278	724,172	—	11,749,043	

* Increase during the period and decrease during the period by collection in the current business year include reclassifications between "Loans" and "Claims probable in bankruptcy, claims probable in rehabilitation and other".

Details of borrowings

(Unit: Millions of Yen)

Classification	Balance at the beginning of the period	Increase during the period	Decrease during the period	Balance at the end of the period	Average interest rate (%)	Maturity date	Remarks
Borrowings from government fund for Fiscal Investment and Loan Program	1,756,531	203,000	219,212	1,740,319 (188,060)	1.010	June 2017– January 2042	

* Figures in parentheses indicate the amount of borrowings repayable within one year.

Details of bonds

(Unit: Millions of Yen, Thousands of US\$)

Security name	Balance at the beginning of the period	Increase during the period	Decrease during the period	Balance at the end of the period	Coupon (%)	Maturity date	Remarks
FILP Agency Bonds	420,000	60,000	—	480,000 (—)	0.080– 2.470	December 2018– September 2046	
Japan International Cooperation Agency Government-guaranteed Bonds	57,305 [\$500,000]	54,550 [\$500,000]	1,260 [—]	110,596 [\$1,000,000] (—)	1.875– 2.125	November 2019– October 2026	

* Figures in parentheses indicate the amount of bonds redeemable within one year. The amount in [] is denominated in a foreign currency.

The financial statements have been audited by an accounting auditor as prescribed in Article 39 of the Act on General Rules for Incorporated Administrative Agencies.

Financial Conditions

1 Two-Year Financial Statements

1-1 General Account

Balance Sheet

(Unit: Millions of yen)

	As of March 31, 2016	As of March 31, 2017		As of March 31, 2016	As of March 31, 2017
Assets			Liabilities		
I. Current assets			I. Current liabilities		
Cash and deposits	97,615	86,547	Operational grant liabilities	46,637	—
Securities	84,000	98,000	Funds for grant aid	130,378	145,895
Inventories			Donations received	378	410
Stored goods	411	492	Accounts payable	18,250	16,855
Advance payments	23,362	22,793	Accrued expenses	239	238
Prepaid expenses	346	386	Lease obligations	138	113
Accrued income	1	1	Advance payments received	3	2
Accounts receivable	1,935	2,576	Deposits received	784	622
Short-term loans for development projects	220	30	Suspense receipt	—	0
Allowance for loan losses	(4)	(1)	Total current liabilities	196,808	164,135
Short-term loans for emigration projects	3	1			
Allowance for loan losses	(0)	(0)	II. Non-current liabilities		
Short-term installments receivable on settlement projects	0	0	Contra-accounts for assets		
Suspense payments	33	24	Contra-accounts for assets funded by		
Advances paid	4	6	operational grants	2,531	4,053
Total current assets	207,925	210,855	Long-term lease obligations	130	72
			Long-term deposits received	125	115
II. Non-current assets			Asset retirement obligations	276	276
1. Tangible assets			Total non-current liabilities	3,063	4,517
Buildings	41,261	41,622	Total liabilities	199,871	168,652
Accumulated depreciation	(16,556)	(17,130)			
Accumulated impairment loss	(47)	—	Net assets		
Structures	1,586	1,621	I. Capital		
Accumulated depreciation	(1,012)	(1,038)	Government investment	63,217	62,452
Accumulated impairment loss	(0)	—	Total capital	63,217	62,452
Machinery and equipment	180	174			
Accumulated depreciation	(122)	(113)	II. Capital surplus		
Vehicles	1,785	2,031	Capital surplus	155	(880)
Accumulated depreciation	(1,229)	(1,177)	Accumulated depreciation not included in expenses	(17,726)	(18,160)
Tools, furniture, and fixtures	2,298	2,320	Accumulated impairment loss not included in expenses	(289)	(10)
Accumulated depreciation	(1,444)	(1,412)	Accumulated interest expenses not included in expenses	(7)	(7)
Land	14,971	14,398	Total capital surplus	(17,867)	(19,057)
Accumulated impairment loss	(235)	(9)			
Construction in progress	465	155	III. Retained earnings		
Total tangible assets	41,901	41,443	Reserve fund carried over from the previous	1,777	1,276
			Mid-term Objective period		
2. Intangible assets			Reserve fund	3,118	5,014
Trademark right	2	2	Unappropriated income for the current business year	1,896	36,619
Telephone subscription right	4	2	[Total income for the current business year]	[1,896]	[36,619]
Software	—	145	Total retained earnings	6,792	42,909
Software in progress	48	455			
Total intangible assets	54	604	Total net assets	52,142	86,304
3. Investments and other assets					
Long-term deposits	300	90			
Long-term loans for development projects	343	312			
Allowance for loan losses	(120)	(128)			
Long-term loans for emigration projects	39	31			
Allowance for loan losses	(33)	(27)			
Long-term installments receivable on settlement projects	0	0			
Allowance for loan losses	—	(0)			
Claims probable in bankruptcy, claims probable in rehabilitation, and other pertaining to loans for emigration projects	619	479			
Allowance for loan losses	(619)	(479)			
Claims probable in bankruptcy, claims probable in rehabilitation, and other pertaining to installments receivable on settlement projects	1	1			
Allowance for loan losses	(1)	(1)			
Long-term prepaid expenses	71	206			
Long-term guarantee deposits	1,533	1,571			
Total investments and other assets	2,132	2,054			
Total non-current assets	44,087	44,101			
Total assets	252,012	254,956	Total liabilities and net assets	252,012	254,956

Statement of Income (Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
Ordinary expenses		
Operating expenses		
Expenses for technical cooperation projects	73,433	80,681
Expenses for grant aid (operation support)	192	307
Expenses for public participation-based cooperation	16,513	15,776
Expenses for emigration projects	360	360
Expenses for disaster relief activities	785	600
Expenses for training and securing the personnel	1,422	1,477
Expenses for assistance promotion	16,373	22,118
Expenses related to operation	6,400	7,070
Expenses for operation support	28,288	28,996
Expenses for grant aid	91,152	79,246
Expenses for facilities	16	9
Expenses for contracted programs	1,231	255
Expenses for donation projects	12	17
Depreciation	455	489
General administrative expenses	9,631	9,451
Loan losses	32	0
Financial expenses		
Foreign exchange losses	324	90
Miscellaneous loss	1	2
Total ordinary expenses	246,619	246,946
Ordinary revenues		
Revenues from operational grants	152,871	175,834
Revenues from grant aid	91,152	79,246
Revenues from contracted programs		
Revenues from contracted programs from Japanese government and local governments	1,231	239
Revenues from contracted programs from other parties	—	16
Revenues from interest on development projects	16	2
Revenues from settlement projects	0	0
Revenues from emigration projects	4	1
Donations	12	17
Revenues from subsidy for facilities	10	9
Reversal of allowance for loan losses	62	15
Reversal of contra-accounts for assets funded by operational grants	361	472
Financial revenues		
Interest income	43	11
Miscellaneous income	2,491	3,054
Total ordinary revenues	248,252	258,918
Ordinary income	1,634	11,972
Extraordinary losses		
Loss on disposal of non-current assets	28	41
Loss on sales of non-current assets	10	4
Extraordinary income		
Settlement revenues from operational grants	—	24,128
Reversal of contra-accounts for assets funded by operational grants	39	36
Gain on sales of non-current assets	9	26
Net income	1,644	36,117
Reversal of reserve fund carried over from the previous Mid-term Objective period	253	501
Total income for the current business year	1,896	36,619

Statement of Cash Flows (Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
I. Cash flows from operating activities		
Payments of operating expenses	(143,413)	(150,814)
Payments for grant aid	(91,902)	(80,012)
Payments for contracted programs	(891)	(449)
Payments of personnel expenses	(16,273)	(16,390)
Payments for other operations	(113)	(284)
Proceeds from operational grants	154,036	155,450
Proceeds from grant aid	105,424	98,142
Proceeds from contracted programs	579	339
Proceeds from interest on loans	22	5
Proceeds from settlement projects	2	1
Interest revenues	0	0
Installments receivable	2	1
Proceeds from donations	37	48
Proceeds from other operations	2,167	2,880
Subtotal	9,673	8,916
Interest income received	44	11
Payments to national treasury	(568)	(3,538)
Net cash provided by operating activities	9,149	5,389
II. Cash flows from investing activities		
Payments for purchase of non-current assets	(1,450)	(2,834)
Proceeds from sales of non-current assets	22	571
Proceeds from subsidy for facilities	250	139
Proceeds from collection of loans	463	229
Payments into time deposits	(508,000)	(422,000)
Proceeds from time deposit refund	507,000	422,000
Payments for purchase of negotiable deposits	(873,000)	(752,000)
Proceeds from refund of negotiable deposits	888,000	738,000
Net cash used in investing activities	13,285	(15,895)
III. Cash flows from financing activities		
Repayments of lease obligations	(149)	(142)
Payments to national treasury for unnecessary property	—	(520)
Net cash used in financing activities	(149)	(662)
IV. Effect of exchange rate fluctuation on funds	(223)	(109)
V. Net increase in funds (decrease)	22,060	(11,277)
VI. Funds at the beginning of the business year	69,554	91,615
VII. Funds at the end of the business year	91,615	80,337

1-2 Finance and Investment Account

Balance Sheet

(Unit: Millions of yen)

	As of March 31, 2016	As of March 31, 2017		As of March 31, 2016	As of March 31, 2017
Assets			Liabilities		
I. Current assets			I. Current liabilities		
Cash and deposits	87,531	208,993	Current portion of borrowings from government fund for Fiscal Investment and Loan Program	219,212	188,060
Securities	—	2,000	Accounts payable	6,024	5,763
Loans	11,502,091	11,661,980	Accrued expenses	6,794	6,128
Allowance for loan losses	(153,208)	(165,531)	Derivatives	43,259	17,598
Advance payments	9,754	19,943	Lease obligations	32	26
Prepaid expenses	109	118	Deposits received	24	1,161
Accrued income			Unearned revenue	22	5
Accrued interest on loans	34,642	31,940	Provision		
Accrued commitment charges	887	705	Provision for bonuses	260	284
Accrued interest	0	0	Provision for contingent losses	15,766	13,149
Accounts receivable	1,045	908	Suspense receipt	38	252
Suspense payments	4	5	Total current liabilities	291,432	232,426
Advances paid	1	1			
Short-term guarantee deposits	43,182	17,706	II. Non-current liabilities		
Total current assets	11,526,038	11,778,767	Bonds	477,305	590,596
			Discounts on bonds payable	(169)	(335)
II. Non-current assets			Borrowings from government fund for Fiscal Investment and Loan Program	1,537,319	1,552,259
1. Tangible assets			Long-term lease obligations	33	7
Buildings	3,245	3,267	Long-term deposits received	1,161	2,484
Accumulated depreciation	(900)	(985)	Provision for retirement benefits	4,063	4,293
Accumulated impairment loss	(675)	(680)	Asset retirement obligations	70	70
Structures	50	50	Total non-current liabilities	2,019,783	2,149,375
Accumulated depreciation	(21)	(22)			
Accumulated impairment loss	(12)	(12)	Total liabilities	2,311,215	2,381,801
Machinery and equipment	194	195			
Accumulated depreciation	(62)	(65)	Net assets		
Accumulated impairment loss	(102)	(102)	I. Capital		
Vehicles	342	408	Government investment	7,862,158	7,992,228
Accumulated depreciation	(218)	(206)	Total capital	7,862,158	7,992,228
Tools, furniture and fixtures	353	371			
Accumulated depreciation	(208)	(245)	II. Retained earnings		
Land	12,703	12,703	Reserve fund	1,369,796	1,472,558
Accumulated impairment loss	(6,091)	(6,091)	Unappropriated income for the current business year	102,762	74,363
Construction in progress	13	23	[Total income for the current business year]	[102,762]	[74,363]
Total tangible assets	8,610	8,607	Total retained earnings	1,472,558	1,546,921
2. Intangible assets					
Trademark right	1	0	III. Valuation and translation adjustments		
Software	43	116	Valuation difference on available-for-sale securities	(52)	(40)
Software in progress	192	532	Deferred gains or losses on hedges	(67,573)	(56,762)
Total intangible assets	236	647	Total valuation and translation adjustments	(67,625)	(56,803)
3. Investments and other assets					
Investment securities	924	2,646	Total net assets	9,267,091	9,482,347
Shares of affiliated companies	41,753	43,634			
Money held in trust	—	15,511			
Claims probable in bankruptcy, claims probable in rehabilitation, and other	63,845	87,063			
Allowance for loan losses	(63,845)	(73,484)			
Long-term prepaid expenses	18	54			
Long-term guarantee deposits	727	701			
Total investments and other assets	43,422	76,125			
Total non-current assets	52,268	85,380			
Total assets	11,578,306	11,864,147	Total liabilities and net assets	11,578,306	11,864,147

Statement of Income

(Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
Ordinary expenses		
Expenses related to operations of cooperation through finance and investment		
Interest on bonds and notes	5,751	6,116
Interest on borrowings	21,180	18,633
Interest on interest rate swaps	8,228	8,270
Other Interest expenses	—	0
Operations consignment expenses	22,204	24,432
Bond issuance cost	329	591
Personnel expenses	3,625	3,812
Provision for bonuses	260	284
Retirement benefit expenses	133	514
Operating and administrative expenses	12,542	12,605
Depreciation	246	187
Taxes	81	81
Loss on valuation of investment securities	78	548
Loss on valuation of shares of affiliated companies	845	126
Loss on investment in money held in trust	—	838
Provision for allowance for loan losses	10,798	21,961
Provision for allowance for contingent losses	4,089	—
Other operating expenses	13	105
Other ordinary expenses	—	0
Total ordinary expenses	90,942	99,105
Ordinary revenues		
Revenues from operations of cooperation through finance and investment		
Interest on loans	161,474	152,761
Interest on bonds	9	0
Dividends on investments	24,369	13,645
Commissions	3,391	2,920
Foreign exchange gains	11	750
Gain on valuation of shares of affiliated companies	12	—
Reversal of provision for allowance for contingent losses	—	2,600
Financial revenues		
Interest income	34	18
Miscellaneous income	810	769
Recoveries of written-off claims	20	20
Total ordinary revenues	190,130	173,483
Ordinary income	99,728	74,378
Extraordinary losses		
Loss on disposal of non-current assets	3	5
Loss on sales of non-current assets	3	1
Impairment loss	—	15
Total extraordinary losses	6	21
Extraordinary income		
Gain on sales of non-current assets	8	6
Gain on transfer of benefit obligation relating to employees' pension fund	3,032	—
Total extraordinary income	3,041	6
Net income	102,762	74,363
Total income for the current business year	102,762	74,363

Statement of Cash Flows

(Unit: Millions of yen)

	April 1, 2015– March 31, 2016	April 1, 2016– March 31, 2017
I. Cash flows from operating activities		
Payments for loans	(964,720)	(878,084)
Repayments of borrowings from the private sector	(166,300)	—
Repayments of borrowings from government fund for Fiscal Investment and Loan Program	(244,355)	(219,212)
Redemption of bonds	(10,000)	—
Interest expenses paid	(47,718)	(48,601)
Payments for personnel expenses	(4,224)	(4,356)
Payments for other operations	(94,450)	(85,257)
Proceeds from collection of loans	696,469	700,863
Proceeds from borrowings from the private sector	166,300	—
Proceeds from borrowings from government fund for Fiscal Investment and Loan Program	297,300	203,000
Proceeds from issuance of bonds	59,671	110,389
Proceeds from interest on loans	157,425	149,643
Proceeds from commissions	3,154	3,520
Proceeds from other operations	40,112	66,347
Subtotal	(111,335)	(1,747)
Interest and dividend income received	24,414	13,663
Net cash provided by (used in) operating activities	(86,921)	11,916
II. Cash flows from investing activities		
Payments for purchase of non-current assets	(340)	(651)
Proceeds from sales of non-current assets	22	23
Payments for purchase of investment securities	(922)	(2,328)
Proceeds from sales and collection of investment securities	16	10
Payments for purchase of shares of affiliated companies	—	(2,062)
Proceeds from sales and collection of shares of affiliated companies	461	—
Payments for increase of money held in trust	—	(16,349)
Payments into time deposits	—	(14,771)
Proceeds from time deposit refund	—	16,551
Payments for purchase of negotiable deposits	(279,900)	(5,000)
Proceeds from refund of negotiable deposits	279,900	3,000
Net cash used in investing activities	(763)	(21,577)
III. Cash flows from financing activities		
Repayments of lease obligations	(95)	(32)
Receipt of government investment	48,260	130,070
Net cash provided by financing activities	48,165	130,038
IV. Effect of exchange rate fluctuation on funds	—	1,084
V. Net increase in funds (decrease)	(39,518)	121,461
VI. Funds at the beginning of the business year	127,050	87,531
VII. Funds at the end of the business year	87,531	208,993

2 Disclosure of Financial Conditions of Finance and Investment Account

Average Balance of Interest-Earning Assets and Interest-Bearing Liabilities, Interest and Earning Yields

(Units: Millions of yen, %)

	FY2015			FY2016		
	Average Balance	Interest*	Yield	Average Balance	Interest*	Yield
Interest-earning assets	11,512,398	188,367	1.64	11,809,871	167,831	1.42
Loans	11,341,184	164,865	1.45	11,589,373	155,681	1.34
Investments	44,678	23,459	52.51	49,010	12,133	24.76
Deposits + Securities	126,537	43	0.03	171,488	18	0.01
Interest-bearing liabilities	2,106,101	26,931	1.28	2,242,176	24,749	1.10
Borrowings	1,651,870	21,180	1.28	1,706,360	18,633	1.09
Bonds	454,232	5,751	1.27	535,817	6,116	1.14

* Investments include investment securities, shares of affiliated companies and money held in trust. Dividends received, gain and loss associated with the valuation of investment securities, and gain and loss associated with the valuation of shares of affiliated companies, and gain and loss associated with the investment in money held in trust are recorded as interest items

Balance of Deposits and Securities—Application of Surplus Funds

(Unit: Millions of yen)

	End of FY2015	End of FY2016
Deposits + Securities	87,531	210,993

Yield/Interest rate

(Unit: %)

	End of FY2015	End of FY2016
Total average interest rate spread	(1.91)	(1.95)
Yields on interest-earning assets	1.64	1.42
Costs of interest-bearing liabilities	3.54	3.37

Note:

Yields on Interest-Earning Assets = Interest / Average Balance of Interest-Earning Assets
 Costs of Interest-Bearing Liabilities = (Interest Expenses + Bonds and Notes Expenses + Other Expenses) / Average Balance of Interest-Bearing Liabilities

cf.

Interest-Earning Assets = Interest on Loans + Interest on Bonds
 + Dividends on Investments + Interest Income + Commissions
 + Gain and Loss Associated with the Valuation of Investment Securities / Shares of Affiliated Companies
 + Gain and Loss Associated with the Investment in Money Held in Trust

Average Balance of Interest-Earning Assets =

Loans + Investments + Bank Deposits (excluding Checking Accounts)

Interest Expenses = Interest on Borrowings + Interest on Bonds and Notes

+ Interest on Interest Rate Swaps

Bonds and Notes Expenses = Bonds and Notes Issuance Costs

Other Expenses = Operations Consignment Expenses

+ Personnel Expenses

(including Provisions for Allowance for Retirement Benefits / Bonuses)

+ Operating and Administrative Expenses + Depreciation + Tax

Average Balance of Interest-Bearing Liabilities = Borrowings + Bonds and Notes

Breakdown of Allowance for Possible Loan Losses

(Unit: Millions of yen)

	End of FY2015	End of FY2016
Loans	153,208	165,531
Claims probable in bankruptcy, claims probable in rehabilitation, and other	63,845	73,484
Total	217,054	239,015

Note: The allowance for claims on debtors who are legally bankrupt ("Bankrupt borrowers") or substantially bankrupt ("Substantially bankrupt borrowers") is provided based on the outstanding balance of loan claims after the deductions of the amount expected to be collected through the disposal of collateral and execution of guarantees, or the same amount is written off directly. The allowance for claims on debtors who are not legally bankrupt, but are likely to become bankrupt ("Potentially bankrupt borrowers") is provided based on an overall assessment of the solvency of the debtors after the deductions of the amount expected to be collected through the disposal of collateral and the execution of guarantees, or the same amount is written off directly. There were no write-offs from the above-mentioned outstanding balance of loan claims. The allowance for claims on debtors other than Bankrupt borrowers, Substantially bankrupt borrowers, and Potentially bankrupt borrowers is provided primarily based on the default rate, which is calculated based on the actual defaults during a certain period in the past. The allowance for possible losses on specific overseas loans is provided based on the expected loss amount taking into consideration the political and economic situation of these countries.

All claims are assessed initially by the operational departments (including regional departments) based on internal rules for self-assessment of asset quality. Internal audit department, which is independent from the operational departments, reviews these self-assessments, and an allowance is provided based on the results of the assessments.

Principal Assets in Foreign Currency

(Units: Thousands of PKR, Thousands of US\$)

	End of FY2015	End of FY2016
Cash and deposits (US\$)	—	27,531
Loans (US\$)	—	33,214
Shares of affiliated companies (PKR)	240,000	240,000
Shares of affiliated companies (US\$)	2,700	18,940
Investment securities (US\$)	8,145	23,819
Money held in trust (US\$)	—	139,636

Maturity Structure of Loans as of March 31, 2017

(Unit: Billions of yen)

Maturity	Collection from Loans
1 year or less	722.1
over 1 year, up to 2 years	722.6
over 2 years, up to 3 years	708.1
over 3 years, up to 4 years	701.2
over 4 years, up to 5 years	672.1
over 5 years, up to 10 years	2,891.5
over 10 years, up to 15 years	1,980.0
over 15 years, up to 20 years	1,512.2
over 20 years, up to 25 years	1,010.5
over 25 years, up to 30 years	496.0
over 30 years, up to 35 years	229.9
over 35 years, up to 40 years	62.3
over 40 years	0.0
Total	11,708.4

Note: The figures exclude principal in arrears for over three months as of the end of March 2017 from the total projected collection from "Loans" and "Claims in bankruptcy, rehabilitation, reorganization or other equivalent claims."

Maturity Structure of Borrowings from Government Fund for Fiscal Investment and Loan Program (FILP) as of March 31, 2017

(Unit: Billions of yen)

Maturity	Repayment of Borrowings
1 year or less	188.1
over 1 year, up to 2 years	166.2
over 2 years, up to 3 years	154.1
over 3 years, up to 4 years	122.1
over 4 years, up to 5 years	104.0
over 5 years, up to 10 years	705.7
over 10 years, up to 15 years	186.0
over 15 years, up to 20 years	86.9
over 20 years, up to 25 years	27.4
over 25 years	0.0
Total	1,740.3

Maturity Structure of Bonds as of March 31, 2017

(Unit: Billions of yen)

Fiscal Investment and Loan Program (FILP) Agency Bonds

Maturity	Redemption
1 year or less	0.0
over 1 year, up to 2 years	20.0
over 2 years, up to 3 years	10.0
over 3 years, up to 4 years	0.0
over 4 years, up to 5 years	10.0
over 5 years, up to 10 years	155.0
over 10 years, up to 15 years	160.0
over 15 years, up to 20 years	105.0
over 20 years, up to 25 years	5.0
over 25 years, up to 30 years	15.0
over 30 years	0.0
Total	480.0

Government-Guaranteed Bonds

Maturity	Redemption
1 year or less	0.0
over 1 year, up to 2 years	0.0
over 2 years, up to 3 years	57.3 [\$500 million]*
over 4 years, up to 5 years	0.0
over 5 years, up to 10 years	53.3 [\$500 million]*
over 10 years	0.0
Total	110.6

* Figure in parentheses denotes the amount of money in foreign currency.

Information on the Quality of Assets of Japan International Cooperation Agency (JICA) Finance and Investment Account

Although the Banking Act and Act on Emergency Measures for the Revitalization of the Financial Functions of 1998 (the "Financial Revitalization Act") do not apply to JICA, JICA has made self-assessments of the quality of its assets since the fiscal year ended March 31, 2001, in accordance with the standards set forth in the Inspection Manual for Deposit-Taking Institutions of the Financial Services Agency of Japan. This was aimed at increasing disclosure on its asset quality and improving the internal management of credit risks.

One characteristic of JICA's operation is that a considerable portion of its loans is official credit for the governments of developing countries. Thus, when an indebted country is temporarily unable to service debt due to economic difficulties, debt rescheduling will sometimes take place, based on an international agreement among the creditor countries in the Paris Club, in order to ensure sustainable debt service.^(Note 1) A debtor country receiving such temporary support for overcoming the liquidity problem will implement economic restructuring programs agreed upon with the IMF to acquire sustainable debt service capacity.

The loans rescheduled under the agreement in the Paris Club have a high probability of repayment, because, unlike loans provided by private financial institutions, their nature as official credit provides an asset-securing mechanism under the above international framework. Nonetheless, to facilitate comparison with private financial institutions, JICA, in principle, discloses the loans rescheduled in the Paris Club and whose debtor countries are categorized as "needs attention" in its self-assessments of asset quality, as loan assets require to be disclosed classifying them either as "Restructured Loans" (under the Banking Act) or "Special Attention Assets" (under the Financial Revitalization Act).

Note 1. An international consensus was reached at the creditor nation conference (Paris Club Meeting) on rescheduling foreign government debt (where the debtor is a country, and debt originates from such government entities as trade insurance or export credit agencies) of debtor nations temporarily unable to make payments due to a deterioration in their balance of payments. As a result, a temporary liquidity support program for debtor nation governments (balance of payments assistance under the framework of international cooperation) will be shortly executed. In conjunction with this temporary liquidity assistance, debtor nations will implement an economic reform program agreed upon with the International Monetary Fund (IMF), making it possible for the country to continue to service its debt obligations. The total foreign government debt principal applicable to the debt rescheduling agreement at the Paris Club Meeting held in JICA's Finance and Investment Account was ¥871,988 million as of the end of FY2016.

1 Risk Monitored Loans ^(Note 2)

The following table shows the classification of Risk Monitored Loans based on the self-assessments of asset quality in accordance with the disclosure standard of Risk Monitored Loans applied to private financial institutions (under the Banking Act). Each category of Risk Monitored Loans is defined as follows:

(1) Loans to Debtor in Legal Bankruptcy ^(Note 3)

Among loans that are placed in non-accrual status (except the portion deduced as allowance for loan losses), when collection of either principal or interest becomes doubtful for the reason that principal or interest is past due for a considerable period of time or for other reasons, those loans which there is filing of reorganization procedures under the Corporate Reorganization Act or bankruptcy procedures under the Bankruptcy Act or special liquidation procedures under the Companies Act or other relevant laws, or there is suspension of transactions in promissory notes issued by the borrowers in the clearing house.

(2) Past Due Loans ^(Note 3)

Loans that are placed in non-accrual status except those classified as "Loans to Debtor in Legal Bankruptcy" or those whose interest payments are deferred in order to expedite the borrowers' business restructuring or support their business operations

(3) Loans in Arrears by 3 Months or More

Loans whose principal or interest is past due three months or more from the date following the contractually scheduled payment date and not classified as "Loans to Debtor in Legal Bankruptcy" or "Past Due Loans"

(4) Restructured Loans

Loans whose terms and conditions are modified in favor of the borrowers in order to expedite the borrowers' business restructuring or support their business operations by, among others, reducing the stated interest rate, deferring interest payments or write-downs, and that are not classified as "Loans to Debtor in Legal Bankruptcy," "Past Due Loans" and "Loans in Arrears by 3 Months or More"

(Unit: Millions of yen)

	March 2017 Reporting Period
Loans to Debtor in Legal Bankruptcy	—
Past Due Loans	87,063
Loans in Arrears by 3 Months or More	—
Restructured Loans	700,642
Total (1)	787,705
Balance of Loans Receivable (2)	11,749,043
(1)/(2)	6.70%

Note 2. Deferred principal included in loans as shown in the chart above accounts for ¥22,306 million of the Past Due Loans of ¥87,063 million, and for ¥647,658 million of the Restructured Loans of ¥700,642 million. Other deferred principal, accounting for a total of ¥202,024 million, are of loans that are not categorized as Risk Monitored Loans.

Note 3. Under the framework of the Ordinance for Enforcement of Banking Law 19, 2-1-5, which establishes the disclosure standards of risk-management loans held by private financial institutions, debt owed by foreign debtors must be disclosed as bankrupt debtor debt for all debtors fulfilling each of the following conditions: 1) nonpayment of interest or principal within the most recent previous three-year period from the end of the term; 2) no contract signed regarding the extension of the redemption deadline within the most recent previous three-year period from the end of the term; and 3) no specific plans to sign a contract regarding the extension of the redemption at the end of the term. In making disclosures based on the above, JICA, in line with its asset self-assessments and taking into consideration the international framework for cooperation, has classified the aforementioned foreign government debt as debt with bankruptcy concern, while in the disclosure of Risk Monitored Loans, this debt is included as "Past Due Loans."

2 Loan Assets Required to Be Disclosed under the Financial Revitalization Act ^(Note 4)

The below table shows the classification of loans based on the self-assessments of asset quality in accordance with the disclosure standard of the Financial Revitalization Act.

Each category of Loan Assets to be disclosed under the Financial Revitalization Act is defined as follows.

(1) Bankrupt or De Facto Bankrupt Assets

"Bankrupt or De Facto Bankrupt Assets" are loans and other credits to debtors who have begun proceedings under the Bankruptcy Act, the Corporate Reorganization Act, the Financial Revitalization Act and other similar laws of Japan and have financially failed. In the asset quality self-assessments, these loans are loans to debtors who are legally or substantially bankrupt.

(2) Doubtful Assets

"Doubtful Assets" are loans and other credits to debtors whose financial and operational conditions have deteriorated and who have a possibility that payment of principal and/or interest will not be made on a contractual basis. In the asset quality self-assessments, these loans are loans to the debtors who are likely to become bankrupt.

(3) Special Attention Assets

"Special Attention Assets" are loans to debtors who are categorized as "needs attention borrower" in the asset quality self-assessments, and (i) loans whose principal and/or interest is overdue for three months or more from the date following the scheduled payment date but which are not categorized as "Bankrupt or De Facto Bankrupt Assets" and "Doubtful Assets" ("Past due loans (three months or more)"); (ii) restructured loans on which JICA granted concessions to borrowers in financial difficulties through amending terms and conditions of the loans to assist them to recover and eventually be able to pay to creditors, but which are not categorized as "Bankrupt or De Facto Bankrupt Assets", "Doubtful Assets" or "Overdue loans (three months or more)."

(4) Normally Performing Assets

“Normally Performing Assets” are loans to borrowers with no particular problem in their financial conditions, categorized in the asset quality self-assessments either as “loans to normal borrowers” or “loans to needs attention borrowers (excluding Special Attention Assets),” but which are not categorized as “Bankrupt or De Facto Bankrupt Assets,” “Doubtful Assets” and “Special Attention Assets.”

Note 4. Deferred principal included in loans as shown in the chart above accounts for ¥22,306 million of the Doubtful Assets of ¥87,063 million, for ¥647,658 million of the Special Attention Assets of 700,642 million, and for ¥202,024 million of the Normally Performing Assets of ¥10,994,105 million.

(Unit: Millions of yen)

		March 2017 Reporting Period	
Loans Payable*1 (% of total credit transactions)	Bankrupt or De Facto Bankrupt Assets	—	(—)
	Doubtful Assets	87,063	(0.74)
	Special Attention Assets	700,642	(5.95)
	Sub Total	787,705	(6.69)
	Normally Performing Assets	10,994,105	(93.31)
Loan-loss Reserve*1	Bankrupt or De Facto Bankrupt Assets	—	
	Doubtful Assets	73,484	
	Special Attention Assets	58,919	
	Sub Total	132,403	
	General Loan-loss Reserve for loans not requiring close monitoring	106,255	
	Special Allowance for Foreign Debt	357	
	Total	239,015	
Collateral / Guarantees	Bankrupt or De Facto Bankrupt Assets	—	
	Doubtful Assets	—	
	Special Attention Assets	—	
	Sub Total	—	
Coverage Amount*2 (Coverage Ratio, %)	Bankrupt or De Facto Bankrupt Assets	—	(—)
	Doubtful Assets	73,484	(84.40)
	Special Attention Assets	58,919	(8.41)
	Sub Total	132,403	(16.81)

*1 Based on JICA's self-assessments of assets, the difference between the debt exposure to bankrupt debtors and debtors in bankruptcy and the amount recognized as recoverable by means of collateral or guarantees is considered as the projected amount that cannot be collected on, and so is subtracted directly from the total debt exposure. As such, this figure is not included in the above chart under “Loans Payable” or “Loan-loss Reserve.”

*2 Coverage amount refers to the combined total of the loan-loss reserve set aside for each debt and the value of collateral and guarantees, while the coverage ratio represents the ratio of the coverage amount as a percentage of total loans payable.

JAPAN INTERNATIONAL COOPERATION AGENCY Annual Report Data Book 2017

Published in November 2017

Japan International Cooperation Agency (JICA)
Nibancho Center Building, 5-25, Niban-cho, Chiyoda-ku, Tokyo 102-8012, Japan
Tel. +81-3-5226-9781
<https://www.jica.go.jp/english/>

Edited in cooperation with
Takayama Printing Co., Ltd.
2nd Floor, NT Bldg., 1-1-12 Yushima, Bunkyo-ku,
Tokyo 113-0034, Japan
Tel. +81-3-3257-0231

If this publication arrives damaged, please contact us for a replacement copy.
© 2017 Japan International Cooperation Agency
Printed in Japan



From
the People of Japan

