

## FY2020 Policy Cost Analysis Table (breakdown &amp; sensitivity)

(Unit: billion yen)

Institutions		Policy cost	Government expenditure (subsidies, etc.)	Government revenue (payments to the government, etc.)	Opportunity cost of government capital investments, etc. =a+b+c	Funds provided before the beginning of the analysis period a	Policy costs expected to be newly incurred during the analysis period		(Sensitivity analysis) Case before the negative interest rate policy
							Change in surplus, etc. b	Increase in investment c	
Total	FY2020	-1,438.8	1,498.8	-4,426.2	1,488.6	3,738.0	-2,313.5	64.1	2,350.9
	FY2019	-978.1	1,612.9	-5,625.6	3,034.5	6,696.8	-3,777.4	115.2	
	Fluctuation	-460.7	-114.2	+1,199.4	-1,546.0	-2,958.8	+1,463.9	-51.1	
<b>&lt;Special Account&gt;</b>									
Special Account for Stable Supply of Food	FY2020	16.3	16.3	-	-	-	-	-	16.3
	FY2019	25.8	25.8	-	-	-	-	-	
	Fluctuation	-9.5	-9.5	-	-	-	-	-	
Special Account for Energy Measures	FY2020	-	-	-	-	-	-	-	-
	FY2019	-	-	-	-	-	-	-	
	Fluctuation	-	-	-	-	-	-	-	
<b>&lt;Government Financial Institutions&gt;</b>									
Japan Finance Corporation	FY2020	336.1	221.6	-89.6	204.0	423.3	-221.5	2.1	421.0
	FY2019	451.2	221.6	-169.4	399.0	730.0	-338.2	7.2	
	Fluctuation	-115.1	+0.0	+79.8	-195.0	-306.7	+116.8	-5.1	
Account for Micro Business and Individual Operations	FY2020	30.6	81.5	-	-50.9	153.5	-205.3	0.9	40.9
	FY2019	30.8	78.8	-	-48.0	252.1	-302.7	2.7	
	Fluctuation	-0.1	+2.7	-	-2.8	-98.6	+97.5	-1.7	
Account for SME Loan Programs and Securitization Support Programs [Guarantee-type Operations]	FY2020	9.1	74.5	-	-65.4	107.2	-173.8	1.2	20.8
	FY2019	5.4	71.1	-	-65.7	184.5	-254.7	4.5	
	Fluctuation	+3.6	+3.4	-	+0.3	-77.3	+80.9	-3.3	
Account for Agriculture, Forestry, Fisheries and Food Business Operations	FY2020	81.4	64.4	-89.6	106.6	105.8	0.7	0.0	152.0
	FY2019	97.4	70.4	-169.4	196.5	195.1	1.3	0.0	
	Fluctuation	-16.0	-5.9	+79.8	-89.9	-89.3	-0.6	-0.0	
Account for Operations to Facilitate Crisis Responses	FY2020	214.2	0.6	-	213.6	56.8	156.9	0.0	206.6
	FY2019	316.7	0.6	-	316.1	98.3	217.8	0.0	
	Fluctuation	-102.5	+0.0	-	-102.5	-41.5	-61.0	-0.0	
Account for Operations to Facilitate Specific Businesses Promotion, etc.	FY2020	0.7	0.6	-	0.1	0.0	0.1	-	0.7
	FY2019	0.8	0.7	-	0.1	0.0	0.1	-	
	Fluctuation	-0.1	-0.1	-	-0.0	-0.0	-0.0	-	
The Okinawa Development Finance Corporation	FY2020	12.7	9.6	-9.8	12.9	12.6	-0.0	0.3	14.8
	FY2019	4.6	2.7	-20.5	22.4	21.8	-0.0	0.6	
	Fluctuation	+8.1	+6.9	+10.7	-9.5	-9.2	+0.0	-0.3	
Japan Bank for International Cooperation	FY2020	38.0	-	-114.8	152.7	146.1	0.3	6.3	110.3
	FY2019	53.4	-	-207.3	260.7	266.0	-12.9	7.6	
	Fluctuation	-15.4	-	+92.6	-108.0	-119.9	+13.2	-1.3	
Account for Ordinary Operations	FY2020	30.3	-	-105.0	135.3	129.0	0.7	5.7	100.5
	FY2019	47.8	-	-187.7	235.5	236.3	-4.1	3.3	
	Fluctuation	-17.5	-	+82.7	-100.2	-107.3	+4.7	+2.4	
Account for Special Operations	FY2020	7.6	-	-9.8	17.4	17.2	-0.3	0.6	9.8
	FY2019	5.5	-	-19.7	25.2	29.7	-8.8	4.3	
	Fluctuation	+2.1	-	+9.9	-7.8	-12.6	+8.5	-3.7	
Japan International Cooperation Agency (JICA) (Incorporated Administrative Agency)	FY2020	-188.4	-	-	-188.4	1,711.2	-1,909.4	9.8	538.5
	FY2019	454.8	-	-	454.8	3,154.4	-2,717.9	18.3	
	Fluctuation	-643.2	-	-	-643.2	-1,443.2	+808.5	-8.5	

Note: Components in each column may not add up to the total because of rounding.

(Unit: billion yen)

Institutions	Policy cost	Government expenditure (subsidies, etc.)	Government revenue (payments to the government, etc.)	Opportunity cost of government capital investments, etc. =a+b+c	Funds provided before the beginning of the analysis period a	Policy costs expected to be newly incurred during the analysis period		(Sensitivity analysis) Case before the negative interest rate policy	
						Change in surplus, etc. b	Increase in investment c		
<b>&lt;Incorporated Administrative Agencies, etc.&gt;</b>									
The Promotion and Mutual Aid Corporation for Private Schools of Japan (Grant Account)	<b>FY2020</b>	<b>-2.1</b>	—	<b>-14.2</b>	<b>12.1</b>	<b>14.0</b>	<b>-1.9</b>	—	<b>-1.4</b>
	FY2019	-1.5	—	-23.3	21.8	23.5	-1.7	—	
	Fluctuation	-0.6	—	+9.1	-9.7	-9.5	-0.2	—	
Japan Student Services Organization (Incorporated Administrative Agency)	<b>FY2020</b>	<b>113.6</b>	<b>112.7</b>	—	<b>0.9</b>	<b>0.0</b>	<b>0.9</b>	—	<b>100.0</b>
	FY2019	112.9	112.0	—	0.9	0.0	0.9	—	
	Fluctuation	+0.7	+0.7	—	-0.1	-0.0	-0.1	—	
Welfare And Medical Service Agency (Incorporated Administrative Agency) (General Account)	<b>FY2020</b>	<b>-36.7</b>	<b>4.9</b>	—	<b>-41.6</b>	<b>3.3</b>	<b>-44.8</b>	—	<b>-24.8</b>
	FY2019	-35.2	5.3	—	-40.5	5.9	-46.4	—	
	Fluctuation	-1.5	-0.4	—	-1.1	-2.6	+1.6	—	
National Hospital Organization (Incorporated Administrative Agency)	<b>FY2020</b>	<b>236.6</b>	<b>47.9</b>	—	<b>188.8</b>	<b>29.8</b>	<b>158.9</b>	—	<b>297.0</b>
	FY2019	92.3	57.1	—	35.1	51.6	-16.4	—	
	Fluctuation	+144.4	-9.3	—	+153.6	-21.7	+175.3	—	
National Cancer Center (National Research and Development Agency)	<b>FY2020</b>	<b>25.1</b>	<b>10.8</b>	—	<b>14.4</b>	<b>7.4</b>	<b>6.9</b>	—	<b>25.5</b>
	FY2019	6.7	9.9	—	-3.2	14.1	-17.4	—	
	Fluctuation	+18.4	+0.8	—	+17.6	-6.7	+24.3	—	
National Cerebral and Cardiovascular Center (National Research and Development Agency)	<b>FY2020</b>								
	FY2019	14.2	7.5	—	6.7	4.4	2.2	—	
	Fluctuation	-14.2	-7.5	—	-6.7	-4.4	-2.2	—	
National Center for Child Health and Development (National Research and Development Agency)	<b>FY2020</b>	<b>4.1</b>	<b>4.0</b>	—	<b>0.1</b>	<b>1.1</b>	<b>-1.0</b>	—	<b>6.2</b>
	FY2019	3.8	3.3	—	0.5	2.0	-1.5	—	
	Fluctuation	+0.2	+0.7	—	-0.4	-0.8	+0.4	—	
National Center for Geriatrics and Gerontology (National Research and Development Agency)	<b>FY2020</b>	<b>1.1</b>	<b>1.2</b>	—	<b>-0.1</b>	<b>1.4</b>	<b>-1.5</b>	—	<b>2.9</b>
	FY2019	5.3	2.4	—	3.0	2.4	0.5	—	
	Fluctuation	-4.3	-1.2	—	-3.1	-1.1	-2.0	—	
National Institution for Academic Degrees and Quality Enhancement of Higher Education (Incorporated Administrative Agency)	<b>FY2020</b>	<b>0.7</b>	<b>0.7</b>	—	<b>0.0</b>	<b>0.0</b>	—	—	<b>0.6</b>
	FY2019	0.4	0.4	—	—	—	—	—	
	Fluctuation	+0.3	+0.3	—	+0.0	+0.0	—	—	
Japan Railway Construction, Transport and Technology Agency (Incorporated Administrative Agency)	<b>FY2020</b>	<b>835.0</b>	<b>844.9</b>	—	<b>-9.9</b>	<b>2.8</b>	<b>-12.7</b>	—	<b>833.9</b>
	FY2019	902.4	913.2	—	-10.9	4.9	-15.8	—	
	Fluctuation	-67.4	-68.4	—	+1.0	-2.1	+3.1	—	
Construction Account	<b>FY2020</b>	<b>844.5</b>	<b>844.5</b>	—	—	—	—	—	<b>840.1</b>
	FY2019	913.2	913.2	—	—	—	—	—	
	Fluctuation	-68.8	-68.8	—	—	—	—	—	
Maritime Affairs Account	<b>FY2020</b>	<b>-9.9</b>	—	—	<b>-9.9</b>	<b>2.8</b>	<b>-12.7</b>	—	<b>-6.7</b>
	FY2019	-10.9	—	—	-10.9	4.9	-15.8	—	
	Fluctuation	+1.0	—	—	+1.0	-2.1	+3.1	—	
Local Public Transportation Account	<b>FY2020</b>	<b>0.4</b>	<b>0.4</b>	—	—	—	—	—	<b>0.4</b>
	FY2019								
	Fluctuation	+0.4	+0.4	—	—	—	—	—	
Japan Housing Finance Agency (Incorporated Administrative Agency)	<b>FY2020</b>	<b>37.1</b>	—	<b>-2.6</b>	<b>39.7</b>	<b>4.5</b>	<b>35.3</b>	—	<b>36.4</b>
	FY2019	31.8	—	-46.1	78.0	7.9	70.1	—	
	Fluctuation	+5.3	—	+43.5	-38.3	-3.4	-34.8	—	

Note: Components in each column may not add up to the total because of rounding.

(Unit: billion yen)

Institutions		Policy cost	Government expenditure (subsidies, etc.)	Government revenue (payments to the government, etc.)	Opportunity cost of government capital investments, etc. =a+b+c	Funds provided before the beginning of the analysis period a	Policy costs expected to be newly incurred during the analysis period		(Sensitivity analysis) Case before the negative interest rate policy
							Change in surplus, etc. b	Increase in investment c	
Urban Renaissance Agency (Incorporated Administrative Agency) (Urban Renaissance Account)	FY2020	-2,825.2	109.9	-3,040.3	105.1	235.4	-130.3	0.0	-1,356.9
	FY2019	-3,795.8	122.2	-4,317.7	399.6	427.8	-28.2	0.0	
	Fluctuation	+970.6	-12.2	+1,277.4	-294.5	-192.5	-102.1	-0.0	
Japan Expressway Holding and Debt Repayment Agency (Incorporated Administrative Agency) (including NEXCO East, NEXCO Central and NEXCO West)	FY2020	622.7	31.6	—	591.0	589.5	—	1.6	1,686.7
	FY2019	1,042.5	40.8	—	1,001.7	996.3	—	5.5	
	Fluctuation	-419.8	-9.2	—	-410.7	-406.8	—	-3.9	
Japan Water Agency (Incorporated Administrative Agency)	FY2020	67.7	75.5	—	-7.8	0.7	-8.5	—	67.3
	FY2019	78.5	82.6	—	-4.1	1.1	-5.2	—	
	Fluctuation	-10.7	-7.1	—	-3.6	-0.4	-3.2	—	
Japan Finance Organization for Municipalities	FY2020								
	FY2019	-472.7	—	-100.2	-372.5	—	-372.5	—	
	Fluctuation	+472.7	—	+100.2	+372.5	—	+372.5	—	
Forest Research and Management Organization (National Research and Development Agency) (Water Conservation Forest Account)	FY2020	693.7	3.7	—	690.0	285.0	364.8	40.1	736.2
	FY2019	735.4	5.8	—	729.6	499.4	154.2	76.0	
	Fluctuation	-41.8	-2.1	—	-39.7	-214.4	+210.6	-35.9	
Japan Oil, Gas and Metals National Corporation (Incorporated Administrative Agency)	FY2020	0.3	0.3	-0.1	0.0	—	0.0	—	0.3
	FY2019	0.3	0.3	-0.1	0.0	—	0.0	—	
	Fluctuation	+0.0	+0.0	+0.0	+0.0	—	+0.0	—	
General Account for Metal Mining	FY2020	0.2	0.3	-0.1	0.0	—	0.0	—	0.2
	FY2019	0.2	0.3	-0.1	0.0	—	0.0	—	
	Fluctuation	+0.0	+0.0	+0.0	+0.0	—	+0.0	—	
Account for Oil and Natural Gas	FY2020	0.0	0.0	—	—	—	—	—	0.0
	FY2019	0.0	0.0	—	—	—	—	—	
	Fluctuation	-0.0	-0.0	—	—	—	—	—	
<b>&lt;Special Corporations, etc.&gt;</b>									
Development Bank of Japan Inc.	FY2020	-971.2	0.0	-697.8	-273.4	255.6	-529.0	—	-861.6
	FY2019	-539.4	0.0	-692.3	152.9	452.4	-299.5	—	
	Fluctuation	-431.8	-0.0	-5.5	-426.3	-196.8	-229.5	—	
Narita International Airport Corporation	FY2020	-417.8	3.2	-444.4	23.4	12.9	6.7	3.9	-264.6
	FY2019								
	Fluctuation	-417.8	+3.2	-444.4	+23.4	+12.9	+6.7	+3.9	
New Kansai International Airport Co., Ltd.	FY2020								
	FY2019	-96.8	—	-33.2	-63.6	27.8	-91.4	—	
	Fluctuation	+96.8	—	+33.2	+63.6	-27.8	+91.4	—	
Organization for Promoting Urban Development (General Incorporated Foundation)	FY2020	-4.0	—	-4.3	0.3	—	0.3	—	-5.6
	FY2019	-2.7	—	-2.9	0.2	—	0.2	—	
	Fluctuation	-1.3	—	-1.4	+0.1	—	+0.1	—	
Central Japan International Airport Co., Ltd.	FY2020	-34.1	—	-8.4	-25.6	1.4	-27.1	—	-28.0
	FY2019	-50.2	—	-12.7	-37.5	3.2	-40.7	—	
	Fluctuation	+16.1	—	+4.2	+11.9	-1.8	+13.6	—	

Note: Components in each column may not add up to the total because of rounding.

## FY2020 Policy Cost Analysis Table (Past year comparison)

(Unit: billion yen)

Institutions	Policy Cost	Primary Cause of Real Fluctuation	Analysis period (years)	Note
Total ① (Simple addition)	FY2020	-1,438.8		
	FY2019	-978.1		
	Fluctuation	-460.7		
Total ② (For FILP agencies [their accounts] for both FY2019 and FY2020)	FY2020	-1,021.4	Adjustment to calculate real fluctuation: +2,257.0	
	FY2019	-422.8	Impact of assumed interest: +2,100.3 Policy cost during FY2019: +156.7	
	Fluctuation	-598.6		
	(Real fluctuation)	(+1,658.3)		
<Special Accounts>				
Special Account for Stable Supply of Food	FY2020	16.3	Adjustment to calculate real fluctuation: +10.5	18
	FY2019	25.8	Impact of assumed interest: — Policy cost during FY2019: +10.5	↑
	Fluctuation	-9.5	Business plan change: +1.0	19
	(Real fluctuation)	(+1.0)		
Special Account for Energy Measures	FY2020	—	Adjustment to calculate real fluctuation: —	16
	FY2019	—	Impact of assumed interest: — Policy cost during FY2019: —	↑
	Fluctuation	—	[No policy cost accrued in FY2019 and FY2020]	16
	(Real fluctuation)	(—)		
<Government Financial Institutions>				
Japan Finance Corporation	FY2020	336.1		
	FY2019	451.2		
	Fluctuation	-115.1		
	(Real fluctuation)	(+0.8)		
Account for Micro Business and Individual Operations	FY2020	30.6	Adjustment to calculate real fluctuation: +16.4	31
	FY2019	30.8	Impact of assumed interest: -9.1 Policy cost during FY2019: +25.6	↑
	Fluctuation	-0.1	New financing: -131.9	31
	(Real fluctuation)	(+16.3)	Bad debt write-off: +76.5 Finalization of FY2018 results: +11.2 Other e.g. (Increase in clerical cost due to new financing): +60.5	
Account for SME Loan Programs and Securitization Support Programs [Guarantee-type Operations]	FY2020	9.1	Adjustment to calculate real fluctuation: -2.5	21
	FY2019	5.4	Impact of assumed interest: -11.2 Policy cost during FY2019: +8.7	↑
	Fluctuation	+3.6	New financing: -49.9	21
	(Real fluctuation)	(+1.1)	Bad debt write-off: +20.7 Finalization of FY2018 results: -20.7 Other e.g. (Increase in clerical cost due to new financing): +50.9	
Account for Agriculture, Forestry, Fisheries and Food Business Operations	FY2020	81.4	Adjustment to calculate real fluctuation: +48.8	60
	FY2019	97.4	Impact of assumed interest: +31.9 Policy cost during FY2019: +16.9	↑
	Fluctuation	-16.0	New financing: -8.0	60
	(Real fluctuation)	(+32.8)	Bad debt write-off: +3.4 Finalization of FY2018 results: +13.5 Other e.g. (Increase in clerical cost due to new financing): +23.9	
Account for Operations to Facilitate Crisis Responses	FY2020	214.2	Adjustment to calculate real fluctuation: +53.1	20
	FY2019	316.7	Impact of assumed interest: +21.7 Policy cost during FY2019: +31.3	↑
	Fluctuation	-102.5	Drops in outstanding loans subject to loss compensation, etc.: -49.4	20
	(Real fluctuation)	(-49.4)		
Account for Operations to Facilitate Specific Businesses Promotion, etc.	FY2020	0.7	Adjustment to calculate real fluctuation: +0.1	20
	FY2019	0.8	Impact of assumed interest: +0.0 Policy cost during FY2019: +0.1	↑
	Fluctuation	-0.1	Decrease in clerical costs, etc.: -0.0	20
	(Real fluctuation)	(-0.0)		
The Okinawa Development Finance Corporation	FY2020	12.7	Adjustment to calculate real fluctuation: -6.0	37
	FY2019	4.6	Impact of assumed interest: -6.5 Policy cost during FY2019: +0.5	↑
	Fluctuation	+8.1	New financing: -5.3	37
	(Real fluctuation)	(+2.2)	Bad debt write-off: +1.4 Advanced redemption: -14.3 Other e.g. (Increase in clerical cost due to new financing): +20.4	

Note 1: Components in each column may not add up to the total because of rounding.

2: In the "Primary Cause of Real Fluctuation" column, "Adjustment to calculate real fluctuation" is the total of the Impact of assumed interest plus Policy cost during FY2019.

3: A breakdown of policy cost by causative factor was estimated and noted for agencies with a mark in the Remarks column.

Institutions		Policy Cost	Primary Cause of Real Fluctuation	Analysis period (years)	Note
Japan Bank for International Cooperation	FY2020	38.0			
	FY2019	53.4			
	Fluctuation (Real fluctuation)	-15.4 <b>(-13.9)</b>			
Account for Ordinary Operations	FY2020	30.3	Adjustment to calculate real fluctuation: +1.5 Impact of assumed interest: +30.2 Policy cost during FY2019: -28.7	24	
	FY2019	47.8	New financing: -8.3 Bad debt write-off: -36.1	1	◎
	Fluctuation (Real fluctuation)	-17.5 <b>(-16.0)</b>	Finalization of FY2018 results: +7.7 Other e.g. (Increase in clerical cost due to new financing): +20.7	25	
Account for Special Operations	FY2020	7.6	Adjustment to calculate real fluctuation: +0.0 Impact of assumed interest: +1.0 Policy cost during FY2019: -0.9	20	
	FY2019	5.5	New financing: -25.9 Bad debt write-off: -14.7	1	◎
	Fluctuation (Real fluctuation)	+2.1 <b>(+2.1)</b>	Finalization of FY2018 results: +46.0 Other e.g. (Decrease in opportunity cost of investments): -3.3	20	
Japan International Cooperation Agency (JICA) (Incorporated Administrative Agency)	FY2020	-188.4	Adjustment to calculate real fluctuation: +179.7 Impact of assumed interest: +190.3 Policy cost during FY2019: -10.6	48	
	FY2019	454.8	New financing: +84.4 Finalization of FY2018 results: -55.4	1	◎
	Fluctuation (Real fluctuation)	-643.2 <b>(-463.5)</b>	Increase in surplus due to revision of accumulation methods for debt rescheduling and bad debt write-off: -606.1 Other e.g. (Increase in clerical cost due to new financing): +113.6	49	
<b>&lt;Incorporated Administrative Agencies, etc.&gt;</b>					
The Promotion and Mutual Aid Corporation for Private Schools of Japan (Grant Account)	FY2020	-2.1	Adjustment to calculate real fluctuation: -0.2 Impact of assumed interest: -0.6 Policy cost during FY2019: +0.4	31	
	FY2019	-1.5	New financing: -2.6 Bad debt write-off: -0.4	1	◎
	Fluctuation (Real fluctuation)	-0.6 <b>(-0.8)</b>	Increase in clerical cost due to new financing: +1.3 Other e.g. (Increase in opportunity cost of investments): +0.9	31	
Japan Student Services Organization (Incorporated Administrative Agency)	FY2020	113.6	Adjustment to calculate real fluctuation: +4.2 Impact of assumed interest: -5.8 Policy cost during FY2019: +9.9	26	
	FY2019	112.9	New financing: +8.4 Bad debt write-off: +2.3	1	◎
	Fluctuation (Real fluctuation)	+0.7 <b>(+4.9)</b>	Finalization of FY2018 results: -0.9 Other e.g. (Increase in revenue): -4.9	26	
Welfare And Medical Service Agency (Incorporated Administrative Agency) (General Account)	FY2020	-36.7	Adjustment to calculate real fluctuation: +10.0 Impact of assumed interest: +5.0 Policy cost during FY2019: +5.0	36	
	FY2019	-35.2	New financing: +1.2 Bad debt write-off: +4.2	1	◎
	Fluctuation (Real fluctuation)	-1.5 <b>(+8.6)</b>	Decrease in investment income: +2.3 Other e.g. (Increase in clerical cost due to new financing): +0.9	37	
National Hospital Organization (Incorporated Administrative Agency)	FY2020	236.6	Adjustment to calculate real fluctuation: +32.9 Impact of assumed interest: +27.7 Policy cost during FY2019: +5.1	35	
	FY2019	92.3	Increase in operating expenditure: +186.4 Decrease in subsidies, etc.: -9.2	1	
	Fluctuation (Real fluctuation)	+144.4 <b>(+177.2)</b>		35	
National Cancer Center (National Research and Development Agency)	FY2020	25.1	Adjustment to calculate real fluctuation: +9.8 Impact of assumed interest: +5.5 Policy cost during FY2019: +4.3	24	
	FY2019	6.7	Decrease in surplus due to investment in updating software in FY2020: +38.7 Increase in operating revenue: -15.5	1	
	Fluctuation (Real fluctuation)	+18.4 <b>(+28.3)</b>	Increase in subsidies, etc.: +0.8 Other e.g. (Increase in hospital building refurbishment): +4.3	25	
National Cerebral and Cardiovascular Center (National Research and Development Agency)	FY2020		Adjustment to calculate real fluctuation: - Impact of assumed interest: - Policy cost during FY2019: -	-	
	FY2019	14.2		1	
	Fluctuation (Real fluctuation)	-14.2	[Exempt from analysis in FY2020]	25	
National Center for Child Health and Development (National Research and Development Agency)	FY2020	4.1	Adjustment to calculate real fluctuation: +0.3 Impact of assumed interest: +0.9 Policy cost during FY2019: -0.6	16	
	FY2019	3.8	Increase in operating expenditure: +1.0 Increase in operating revenue: -0.4	1	
	Fluctuation (Real fluctuation)	+0.2 <b>(+0.6)</b>		16	
National Center for Geriatrics and Gerontology (National Research and Development Agency)	FY2020	1.1	Adjustment to calculate real fluctuation: +1.5 Impact of assumed interest: +0.8 Policy cost during FY2019: +0.6	32	
	FY2019	5.3	Decrease in operating expenditure: -1.4 Decrease in subsidies, etc.: -1.3	1	
	Fluctuation (Real fluctuation)	-4.3 <b>(-2.8)</b>	Other e.g. (Decrease due to change in projected demand): -0.1	33	

Note 1: Components in each column may not add up to the total because of rounding.

2: In the "Primary Cause of Real Fluctuation" column, "Adjustment to calculate real fluctuation" is the total of the Impact of assumed interest plus Policy cost during FY2019.

3: A breakdown of policy cost by causative factor was estimated and noted for agencies with a mark in the Remarks column.

Institutions	Policy Cost	Primary Cause of Real Fluctuation	Analysis period (years)	Note
National Institution for Academic Degrees and Quality Enhancement of Higher Education (Incorporated Administrative Agency)	FY2020	0.7	Adjustment to calculate real fluctuation: +0.1 Impact of assumed interest: -0.0 Policy cost during FY2019: +0.1	35
	FY2019	0.4		↑
	Fluctuation (Real fluctuation)	+0.3 (+0.4)	Increase in clerical cost due to new financing: +0.4	35
Japan Railway Construction, Transport and Technology Agency (Incorporated Administrative Agency)	FY2020	835.0		
	FY2019	902.4		
	Fluctuation (Real fluctuation)	-67.4 (+5.7)		
Construction Account	FY2020	844.5	Adjustment to calculate real fluctuation: +73.5 Impact of assumed interest: -0.5 Policy cost during FY2019: +74.0	25
	FY2019	913.2		↑
	Fluctuation (Real fluctuation)	-68.8 (+4.7)	Increase in subsidies for construction under Shinkansen bullet train line development program: +4.7	26
Maritime Affairs Account	FY2020	-9.9	Adjustment to calculate real fluctuation: +0.1 Impact of assumed interest: +1.1 Policy cost during FY2019: -1.1	18
	FY2019	-10.9		↑
	Fluctuation (Real fluctuation)	+1.0 (+1.0)	Increase in clerical cost due to increase in business assets: +1.0	18
Local Public Transportation Account	FY2020	0.4	Adjustment to calculate real fluctuation: - Impact of assumed interest: - Policy cost during FY2019: -	41
	FY2019			↑
	Fluctuation (Real fluctuation)	+0.4	[Exempt from analysis in FY2019]	-
Japan Housing Finance Agency (Incorporated Administrative Agency)	FY2020	37.1	Adjustment to calculate real fluctuation: -3.7 Impact of assumed interest: -5.2 Policy cost during FY2019: +1.5	40
	FY2019	31.8	Bad debt write-off: -3.8 Finalization of FY2018 results: -5.2 Investment profit decrease due to payment to the government in FY2019 of subsidies related to the Great East Japan Earthquake: +6.7 Other e.g. (New financing): +3.8	↑
	Fluctuation (Real fluctuation)	+5.3 (+1.6)		40
Urban Renaissance Agency (Incorporated Administrative Agency) (Urban Renaissance Account)	FY2020	-2,825.2	Adjustment to calculate real fluctuation: +812.6 Impact of assumed interest: +793.9 Policy cost during FY2019: +18.7	80
	FY2019	-3,795.8	Decrease in payment to the government due to revision of accumulation methods for rental housing business costs: +1,782.9 Increase in subsidies, etc.: +14.2 Decrease in opportunity cost due to decrease in surplus for initial year of analysis period, etc.: -13.9	↑
	Fluctuation (Real fluctuation)	+970.6 (+1,783.2)		80
Japan Expressway Holding and Debt Repayment Agency (Incorporated Administrative Agency) (including NEXCO East, NEXCO Central and NEXCO West)	FY2020	622.7	Adjustment to calculate real fluctuation: +453.4 Impact of assumed interest: +433.2 Policy cost during FY2019: +20.2	36
	FY2019	1,042.5	Increase in opportunity cost due to revision of redemption plans: +22.3 Increase in subsidies, etc.: +11.1 Increase in capital subscription: +0.1	↑
	Fluctuation (Real fluctuation)	-419.8 (+33.5)		36
Japan Water Agency (Incorporated Administrative Agency)	FY2020	67.7	Adjustment to calculate real fluctuation: +11.2 Impact of assumed interest: -1.0 Policy cost during FY2019: +12.2	36
	FY2019	78.5	Increase in subsidies, etc.: +2.0 Increase in surplus due to analysis period extension: -1.1 Other e.g. (Decrease in subsidies due to decrease in project costs): -0.4	↑
	Fluctuation (Real fluctuation)	-10.7 (+0.5)		29
Japan Finance Organization for Municipalities	FY2020		Adjustment to calculate real fluctuation: - Impact of assumed interest: - Policy cost during FY2019: -	-
	FY2019	-472.7		↑
	Fluctuation (Real fluctuation)	+472.7	[Exempt from analysis in FY2020]	18
Forest Research and Management Organization (National Research and Development Agency) (Water Conservation Forest Account)	FY2020	693.7	Adjustment to calculate real fluctuation: +28.6 Impact of assumed interest: +27.6 Policy cost during FY2019: +1.0	89
	FY2019	735.4	Increase in timber sales revenue: -18.1 Increase in operating expenditure, etc.: +5.0	↑
	Fluctuation (Real fluctuation)	-41.8 (-13.1)		89

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2: In the "Primary Cause of Real Fluctuation" column, "Adjustment to calculate real fluctuation" is the total of the Impact of assumed interest plus Policy cost during FY2019.

3: A breakdown of policy cost by causative factor was estimated and noted for agencies with a mark in the Remarks column.

Institutions		Policy Cost	Primary Cause of Real Fluctuation	Analysis period (years)	Note
Japan Oil, Gas and Metals National Corporation (Incorporated Administrative Agency)	FY2020	0.3			
	FY2019	0.3			
	Fluctuation (Real fluctuation)	+0.0 (+0.0)			
General Account for Metal Mining	FY2020	0.2	Adjustment to calculate real fluctuation: +0.0 Impact of assumed interest: -0.0 Policy cost during FY2019: +0.0	16	
	FY2019	0.2		↑	◎
	Fluctuation (Real fluctuation)	+0.0 (+0.0)	Increase in clerical cost due to new financing: +0.0	16	
Account for Oil and Natural Gas	FY2020	0.0	Adjustment to calculate real fluctuation: +0.0 Impact of assumed interest: -0.0 Policy cost during FY2019: +0.0	14	
	FY2019	0.0		↑	◎
	Fluctuation (Real fluctuation)	-0.0 (+0.0)	Increase in clerical cost due to new financing: +0.0	14	
<Special Corporations, etc.>					
Development Bank of Japan Inc.	FY2020	-971.2	Adjustment to calculate real fluctuation: +528.9 Impact of assumed interest: +565.2 Policy cost during FY2019: -36.3	41	
	FY2019	-539.4	Bad debt write-off: +31.0	↑	◎
	Fluctuation (Real fluctuation)	-431.8 (+97.1)	Increase in clerical cost due to new investments and loans, etc.: +68.2 Other e.g. (New financing): -2.1	41	
Narita International Airport Corporation	FY2020	-417.8	Adjustment to calculate real fluctuation: - Impact of assumed interest: - Policy cost during FY2019: -	31	
	FY2019			↑	
	Fluctuation (Real fluctuation)	-417.8	[Exempt from analysis in FY2019]	-	
New Kansai International Airport Co., Ltd.	FY2020		Adjustment to calculate real fluctuation: - Impact of assumed interest: - Policy cost during FY2019: -	-	
	FY2019	-96.8		↑	
	Fluctuation (Real fluctuation)	+96.8	[Exempt from analysis in FY2020]	40	
Organization for Promoting Urban Development (General Incorporated Foundation)	FY2020	-4.0	Adjustment to calculate real fluctuation: -3.0 Impact of assumed interest: +1.3 Policy cost during FY2019: -4.4	21	
	FY2019	-2.7	New financing: -9.0 Bad debt write-off: +2.0	↑	◎
	Fluctuation (Real fluctuation)	-1.3 (-4.3)	Finalization of FY2018 results: +2.0 Other e.g. (Increase in clerical cost due to analysis period extension): +0.7	15	
Central Japan International Airport Co., Ltd.	FY2020	-34.1	Adjustment to calculate real fluctuation: -4.8 Impact of assumed interest: +2.7 Policy cost during FY2019: -7.4	15	
	FY2019	-50.2	Decrease in surplus due to new capital investment: +12.0	↑	
	Fluctuation (Real fluctuation)	+16.1 (+11.3)	Increase in earnings due to creation of PSSC (passenger security service charge): -3.2 Increase in costs due to revision of projects: +2.5	16	

Note 1: Components in each column may not add up to the total because of rounding.

2: In the "Primary Cause of Real Fluctuation" column, "Adjustment to calculate real fluctuation" is the total of the Impact of assumed interest plus Policy cost during FY2019.

3: A breakdown of policy cost by causative factor was estimated and noted for agencies with a mark in the Remarks column.

# How to interpret analysis results

## Fiscal Loan Utilization Corporation

<http://www.000.go.jp/>

### 1. Summary of operations implemented using FILP funds

- Providing long-term, low-interest loans to needy business operators
- Constructing public facilities

### 2. Amount of lending under FY2020 FILP

(Unit: billion yen)	
FY2020 FILP	Estimated outstanding amount of FILP lending at the end of FY2019
1,000.0	7,500.0

### 3. Estimated policy (subsidy) cost analysis of the project

#### (1) Policy cost

Category	FY2019	FY2020	Fluctuation
1. Government expenditure (subsidies, etc.)	10.0	40.0	+30.0
2. Government revenue (payments to the government, etc.)*1	-200.0	-250.0	-50.0
3. Opportunity cost of capital investments, etc.	250.0	260.0	+10.0
<b>Total (1+2+3=policy cost(A))</b>	<b>60.0</b>	<b>50.0</b>	<b>-10.0</b>
Analysis period (years)	27 years	26 years	-1 year

#### (2) Breakdown of policy cost by the time of the provision of funds

Category	FY2019	FY2020	Fluctuation
(A) Policy cost (previously cited)	60.0	50.0	-10.0
1) Opportunity cost of capital investments, etc. provided before the beginning of the analysis period	300.0	350.0	+50.0
2) Policy cost expected to be newly accrued during the analysis period	-240.0	-300.0	-60.0
Government expenditure (subsidies, etc.)	10.0	40.0	+30.0
Government revenue (payments to the government, etc.)*1	-200.0	-250.0	-50.0
Policy cost accompanying fluctuations in surplus, etc.	-60.0	-100.0	-40.0
Opportunity cost of capital investments, etc.	10.0	10.0	-

#### (5) Sensitivity analysis (cases where assumptions change)

(A) Policy cost [previously cited]	Case before the negative interest rate policy*2	Fluctuation	1. Government expenditure (subsidies, etc.)	2. Government revenue (payments to the government, etc.)*1	3. Opportunity cost of capital investments, etc.
50.0	300.0	+250.0	+100.0	-250.0	+400.0

#### (3) Year-to-Year comparison analysis

(Unit: billion yen)		(Unit: billion yen)	
(Computing any fluctuation from previous year)		FY2019	FY2020
Policy cost	Simple comparison (before adjustment)	60.0	50.0
	Past year comparison (after adjustment)	55.0	40.0
			Simple fluctuation
			-10.0
			Real fluctuation (2-1)
			-15.0

#### [Real fluctuation factor analysis]

##### ○Factors behind policy cost increase

- Cost increase due to finalization of FY2018 results and revision of FY2019 projections (+15.0 billion yen)
- Increase in costs due to revision of rental service revenue (+10.0 billion yen)
- Cost increase due to growth in prepayments (+5.0 billion yen)
- Other factors (including increase in administrative cost due to new loans) (+5.0 billion yen)

##### ○Factors behind policy cost decrease

- Cost decrease due to gaps between interest rates on FY2020 and earlier loans (-40.0 billion yen)
- Cost decrease due to fall in loan losses (-10.0 billion yen)

#### (4) Breakdown of policy cost by causative factor

(Unit: billion yen)	
(A) Policy cost in FY2020 (previously cited)	50.0
1) Prepayments	20.0
2) Loan losses	300.0
3) Others (including profit spread)	-270.0

Factor analysis: This analysis breaks down the estimated policy cost by component, clarifying the composition of the estimated policy cost.

1. Government expenditure (subsidies, etc.) → Policy cost for subsidies, grants-in-aid and grants from the government (e.g. general account)
2. Government revenue (payments to the government, etc.) → Negative policy cost for payment, corporate tax and other monetary transfers to the government (general account, etc.)
3. Opportunity cost of investments, etc. → Policy cost for the interest cost reduction effect (opportunity cost) of capital investment and interest-free loans from the government (general account, etc.)

Here, the FY2020 policy cost is estimated at 50.0 billion yen, down 10.0 billion yen from the previous year.

Year-to-year comparison analysis: Real rises or falls excluding the effects of assumed interest rates, etc. are identified for comparison between analysis results for the current and previous fiscal year.

It shows that if the policy cost for the current fiscal year are compared with those in the previous year with the effects of changes in interest rate and other assumptions eliminated, the policy cost decrease by 15.0 billion yen in real terms due primarily to factors given below the table.

Breakdown of policy cost by the time of the provision of funds: Opportunity cost of investments, etc. is divided into two portions – cost accrued from investments, etc. provided by the commencement of the analysis period and that accrued from investments, etc. provided in the future (during the analysis period).

It shows (1) that the interest cost reduction effect (opportunity cost) of past capital investments, etc. resulted in 350.0 billion yen in policy costs before the beginning of the analysis period, and (2) that subsidies and capital investments, etc. expected to be provided during the analysis period will bring about 300.0 billion yen in negative policy cost.

Breakdown of policy cost by causative factor: Financing institutions conduct the breakdown to identify the effects of prepayments and loan losses on the policy cost.

- “1) Prepayments” → Policy cost caused by prepayments that a FILP agency expects to receive during the analysis period.
- “2) Loan losses” → Policy cost caused by charge-offs and the gap between provisions for new loan loss and their reversal expected during the analysis period.
- “3) Others (including profit spread)” → Other factors including administrative cost and profit spread.

Sensitivity analysis: The analysis estimates how the policy cost increase or decrease on changes in interest rate, operating revenue and some other assumptions.

Note: Components in each column may not add up to the total because of rounding.

\*1 Government revenue (payments to the government, etc.) is booked as a negative amount Example: -10 b. yen for 10 b. yen in payments to government, etc.

\*2 Assumed interest rates (discount factor and future interest rate) are based on the market yield on Japanese government bonds on January 28, 2016, just before the introduction of the negative interest rate policy.



4. Outline of estimation and project prospect employed in the analysis

- 1) Estimation targets: all projects subject to loans from Fiscal Loan Utilization Corporation and some of its public works projects
- 2) Public works projects subject to estimation: 10 projects including ○○construction and △△ construction
- 3) Loans subject to estimation: 16 trillion yen in outstanding loans at the end of FY2018, 2 trillion yen in loans planned to be provided in FY2019 and 1 trillion yen in those planned to be provided in FY2020
- 4) Analysis period: 27 years from FY2020 to FY2046 when longest loans will be repaid completely
- 5) Redemption plans for new loans are based on those for existing loans.
- 6) Prepayments and bad-loan write-offs are based on rates estimated for past results.

FY	Result				Estimated	Planned	Assumptions for calculation
	2015	2016	2017	2018			
Prepayment ratio	0.50%	1.52%	2.28%	1.25%	1.60%	1.15%	Each fiscal year: 134%
Provision on loans	0.15%	0.19%	0.31%	0.25%	0.35%	0.30%	Each fiscal year: 0.25%

5. Reasons for granting of subsidies, mechanism and underlying laws

As necessary to implement business operations as stipulated in the Fiscal Loan Utilization Corporation Act, the Corporation accepts investments and subsidies from the general account.

[Underlying laws and regulations]

[Provisions for investments]

<Fiscal Loan Utilization Corporation Act>

Article ●: The Government may, when it finds it to be necessary, make contributions to the corporation within the amount appropriated in the budget.

[Provisions for payments to the government]

<Fiscal Loan Utilization Corporation Act>

Article ●: In the event that the amount of the surplus recorded in the settlement of accounts for each business year exceeds zero, the corporation shall accumulate, as a reserve, the amount calculated in accordance with the standards prescribed by a Cabinet Order, among such surplus, until it reaches the amount prescribed by the Cabinet Order, and if there is still a surplus, the corporation shall pay the amount of such surplus into the National Treasury within three months after the end of such business year.

The description here covers the mechanism (including reasons and rules for provision) and underlying laws for two policy cost components – subsidies, etc. from and monetary transferred to the government expected for the analysis period.

6. Special remarks

Fiscal Loan Utilization Corporation accepted an additional loan under a supplementary budget in FY19\*7.

The description here covers information that needs to be described in addition to the abovementioned information.

(Reference) Outcome and social and economic benefits of operations

1) Financing

- Financing (FY2017): 2.3000 trillion yen
- Outstanding balance of lending (end of FY2018): 16 trillion yen
- Lending plan (FY2019): 2 trillion yen

2) Main policy purposes and social/economic benefits

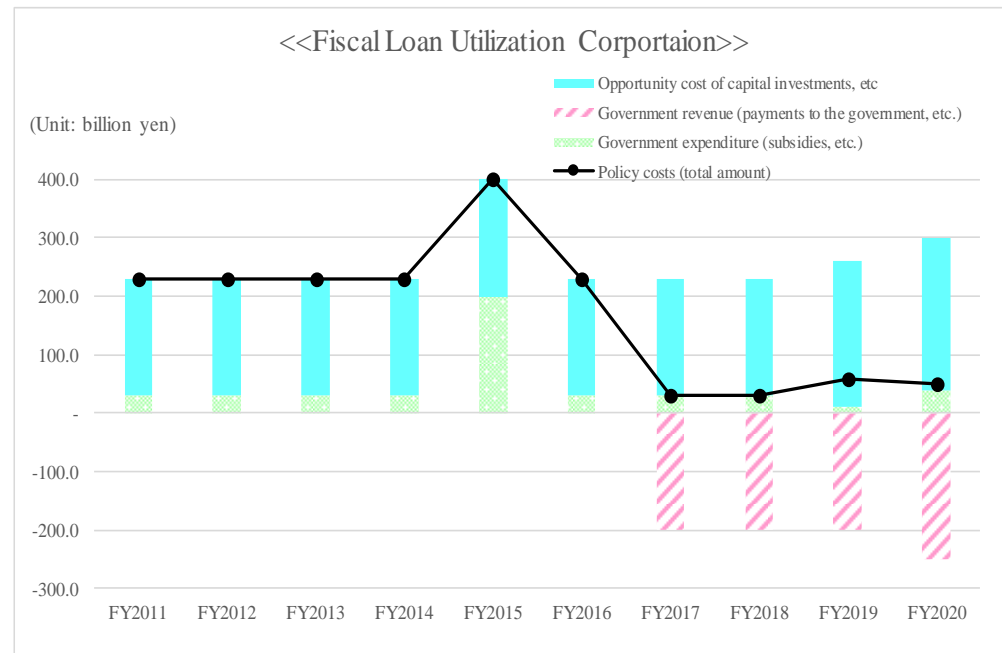
Social/economic benefits of public works are estimated as follows:

- ○○construction project: 5.5 trillion yen in total benefits through improved convenience of ○○ in Japan
- △△construction project: 2.3 trillion yen in total benefits through improved convenience of △△ in Japan
- 8 projects including □□ construction: 1.5 trillion yen in total benefits through improved convenience of □□ in Japan

Specifies for reference the achievements of the FILP project subject to the policy cost analysis and their social and economic benefits in the past and future.

## Overview of policy cost analysis results

### [Changes in Policy Costs]



Notes: Policy costs for each fiscal year differ in assumptions including interest rates applied to estimates.

(Unit: billion yen)

	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020
Policy costs (total amount)	230.0	230.0	230.0	230.0	400.0	230.0	30.0	30.0	60.0	50.0
Government expenditure (subsidies, etc.)	30.0	30.0	30.0	30.0	200.0	30.0	30.0	30.0	10.0	40.0
Government revenue (payments to the government, etc.)	-	-	-	-	-	-	-200.0	-200.0	-200.0	-250.0
Opportunity cost of capital investments, etc.	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	250.0	260.0

A policy cost trend for the latest 10 years is given by each FILP agency.

Note: For policy cost of each year, note that assumptions, such as interest rate to be applied to the estimate is different.

### 【Explanation of policy cost trends】

### 【FILP agencies' self-assessment of policy cost analysis results (FY2020)】

FILP agencies' explanation of policy cost trends and their self-assessment of policy cost analysis results are given.