

[NEWS RELEASE]

March 9, 2023 SMBC Nikko Securities Inc.

Quarterly Economic Outlook for FY2022-2023(Update)

March 9, 2023(JST), *"SMBC NIKKO Japan Economic Outlook for FY2022-2023"* has been released, responding to the second preliminary of GDP (October-December 2022 period)

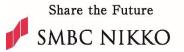
Recovery as Consumption Normalizes, Terms of Trade Improve

- Real GDP: FY22 +1.4%, FY23 +2.0%
- Nominal GDP: FY22 +1.4%, FY23 +2.6%

Summary

• GDP growth outlook

We revise our outlook to reflect the second preliminary Oct-Dec 2022 GDP data. Our forecasts for real GDP growth of 1.4% YoY in FY22 and 2.0% in FY23 are unchanged from last time (17 Feb 2023).



Economic outlook

We forecast a solid recovery in the Japanese economy towards 2024 for five reasons.

<u>Normalized consumption</u>: Households are no longer fazed by the number of CV19 infections and recognize the limited danger of the virus, including the low fatality rate, so are loosening their purse-strings at last. The fatality rate of CV19 is currently around 0.04%, less than half that of influenza, so the real risk is low. We expect consumption to continue recovering as CV19 becomes less virulent.

<u>Strong purchasing power</u>: Households have held off on spending and increased savings during the pandemic, so purchasing power has reached around Y360tn, or around Y55tn higher than consumption, i.e. there is no need for households to reduce consumption. Households have sufficient purchasing power, so we do not expect income constraints to curb consumption.

<u>Containing inflation</u>: 75% of inflation in Japan comes from energy and food prices. International commodity prices are key, and crude oil and grain prices have already peaked out due to the Fed's QT (quantitative tightening) policy. We expect domestic inflation to slow sharply toward 2024 as commodity prices fall.

<u>Wage growth</u>: Spring labor negotiations reference the previous year's inflation rate. We estimate inflation in FY22 was around 3%, so that should lift base salary hikes. We forecast wage hikes (scheduled salary escalator + base salary hikes) of around 3.3%; we expect real wages to rise as inflation slows.

<u>Better terms of trade</u>: We expect the terms of trade to improve as QT by the Fed pushes down resource prices. Terms of trade could improve by up to around Y22tn. This should stem the outflow of income overseas and boost domestic incomes.

All told, we expect a solid recovery in the Japanese economy toward 2024 boosted by both domestic factors (weaker CV19 virulence, high purchasing power, subsiding inflation, rising wages) and overseas factors (improved terms of trade).

The BOJ's monetary policy

<u>Change in monetary policy</u>: Kazuo Ueda has been nominated as the next BOJ governor; he has said that the 2% inflation target is still a long way off, the BOJ's current policy looks appropriate, and it needs to continue monetary easing. This suggests that monetary policy is unlikely to change any time soon.

<u>YCC adjustment</u>: Once achievement of the 2% inflation target comes into view, we see four options for future changes in monetary policy: 1) scrapping YCC; 2) hiking interest rates (IOER and/or long-term rate targets); 3) widening the permitted range for long-term yields; and 4) introducing a dot chart.

We think the BOJ could possibly widen the permitted range for long-term yields and introduce a dot chart to prevent disorderly increases in long-term yields. A wider range would be more effective than scrapping YCC altogether, assuming it is done smartly; for example, in 25bp increments with gaps of at least six months and in combination with things like 1) large JGB purchases/funds-supplying operations against pooled collateral, and 2) higher fee rates/lower upper limits on sales amount per issue under the securities lending facility.

The BOJ could hike rates in FY25 at the earliest, but until then we expect it to gradually normalize rates while keeping real rates negative (ie, keeping accommodative policy) by expanding the tolerated range for long-term rates. We expect monetary tightening in FY25 when inflation reaches 2%.

Quarterly forecasts for Japanese economy

-			•				《 Ac	tual》←	→ 《Fore	ecasts》				≪A»←	→《F》	(Unit:%)		
	2021			2022			2023			2024	FY21	FY22	FY23	Compariso previous fo (as at 17 Fe	precasts			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q				FY22	FY23
Real GDP growth (QoQ)	-0.2	0.3	-0.4	1.1	-0.5	1.2	-0.3	0.0	0.9	0.6	0.5	0.5	0.4					
(annual rate)	-0.7	1.4	-1.4	4.5	-1.8	4.7	-1.1	0.1	3.6	2.4	2.2	2.1	1.7	2.6	1.4	2.0	0.0	0.0
(Calender year base)														2.1	1.0	1.9	-0.1	0.0
Domestic demand, contribution (QoQ)	-0.2	0.5	-0.5	1.1	0.0	1.0	0.3	-0.3	0.7	0.6	0.6	0.5	0.4	1.8	1.8	1.9	-0.1	0.0
Private consumption (QoQ)	-1.6	0.2	-1.1	3.0	-0.9	1.6	0.0	0.3	0.5	0.6	0.6	0.4	0.4	1.5	2.4	1.9	-0.1	-0.1
Capex (QoQ)	1.5	1.5	-1.6	-1.3	-1.7	-1.9	-0.4	0.0	0.0	0.5	0.7	0.7	0.7	-1.1	-4.4	1.5	0.1	0.1
Residential investment (QoQ)	1.5	1.4	-1.7	0.6	-0.3	2.1	1.5	-0.5	1.0	1.0	1.0	1.0	0.5	2.1	3.0	3.3	0.0	0.0
Public investment (QoQ)	0.1	-1.9	-3.4	-3.2	-3.2	0.6	0.7	-0.3	0.8	0.8	1.3	1.3	1.0	-6.4	-3.3	3.3	0.2	0.1
Foreign demand, contribution (QoQ)	0.1	-0.2	0.2	0.0	-0.5	0.1	-0.6	0.4	0.1	0.0	-0.1	0.0	0.0	0.7	-0.5	-0.1	0.0	0.0
Exports (QoQ)	2.5	3.1	-0.4	0.4	1.1	1.5	2.5	1.5	0.5	0.3	-0.1	0.5	0.5	12.3	5.4	2.3	0.1	0.0
Imports (QoQ)	2.1	4.4	-1.5	0.3	3.8	0.9	5.5	-0.4	-0.5	0.2	0.3	0.4	0.4	7.0	7.5	1.5	0.0	0.0
Nominal GDP growth (QoQ)	0.0	0.4	-0.5	0.7	0.2	1.0	-0.8	1.2	-0.2	1.0	0.9	0.8	0.9	2.4	1.4	2.6	0.0	0.0
Industrial production (YoY)	-1.8	18.4	6.6	1.1	-0.6	-3.6	4.0	0.6	-2.8	-0.1	-4.2	-0.2	4.1	5.9	-0.5	-0.2	-1.0	-2.8
Trade balance (Y tn, SAAR)	2.8	0.0	-3.5	-6.5	-11.7	-20.6	-25.8	-24.0	-20.9	-18.6	-15.8	-12.3	-8.8	-5.4	-22.8	-13.9	0.1	0.1
Unemployment rate (%)	2.8	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.8	2.5	2.4	0.0	-0.1
Core CPI (YoY)	-0.5	-0.6	0.0	0.4	0.6	2.1	2.7	3.8	3.3	2.1	1.3	1.0	1.2	0.1	3.0	1.4	0.0	0.0
IOER (Eop)	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
YCC 10y JGB yields target (Eop)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
US real GDP growth (QoQ annualized)	6.3	7.0	2.7	7.0	-1.6	-0.6	3.2	2.7	-1.0	-0.5	0.0	1.0	1.5	5.9	2.1	0.6	0.0	0.0
US unemployment rate (%)	6.2	5.9	5.1	4.2	3.8	3.6	3.5	3.6	3.5	3.6	4.0	4.2	4.2	5.4	3.6	3.8	0.0	-0.3
US core CPI (YoY)	1.4	3.7	4.1	5.0	6.3	6.0	6.3	6.0	4.7	4.5	4.4	4.3	3.8	3.6	6.2	4.5	0.0	0.0
Fed rate (Eop)	0.125	0.125	0.125	0.125	0.375	1.625	3.125	4.375	5.125	5.375	5.375	5.375	5.375	0.125	4.375	5.375	0.00	0.25

Assumptions: Forex rate (annual mean): Y136/\$ in FY22 and Y132/\$ in FY23;

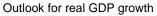
Crude oil price (WTI annual mean): \$84/bbl in FY22 and \$67/bbl in FY23.

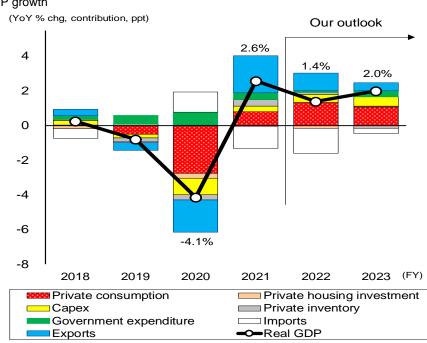
Notes: 1) US GDP on a calendar basis, US unemployment rate is the average for the period, FF rate is at end of year.

2) Actual figures from Cabinet Office (CAO), Ministry of Internal Affairs and Communications (MIC), Ministry of Economy,

Trade and Industry (METI), and Bank of Japan (BOJ). Estimates are SMBC NIKKO estimates.

Sources: CAO, MIC, METI, BOJ, SMBC NIKKO estimates





Sources: CAO, SMBC NIKKO estimates

APPENDIX

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