



MACRO OUTLOOK

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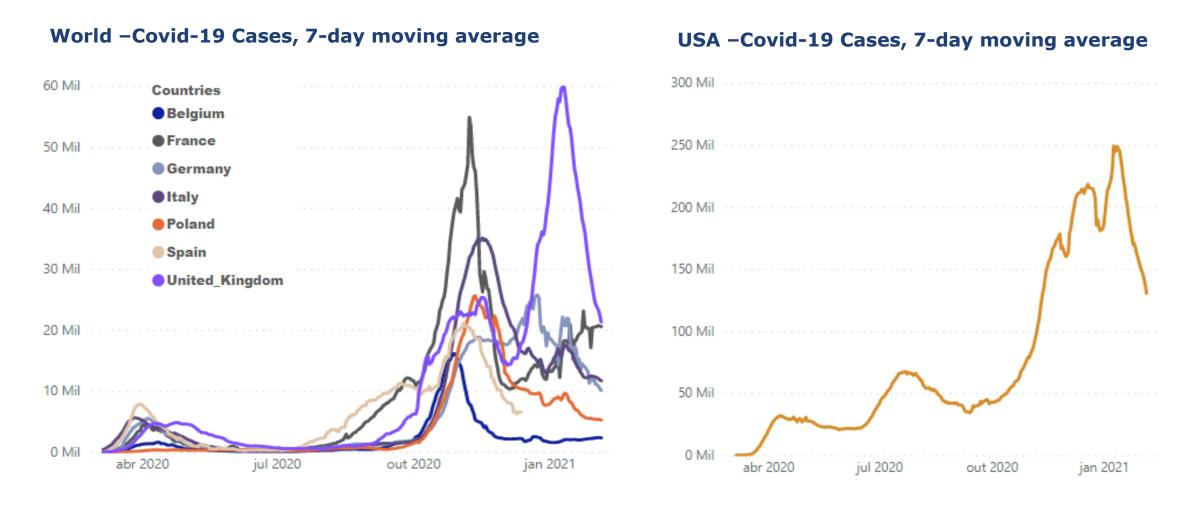


- Covid-19 vaccination campaigns advance in several countries
- Solution Series Seri
- » Brazil: Modest recovery in 2021 that will benefit from the base-effect from 2020
- Inflation will abate in the second half of the year, but upside risks remain to our 3,7% forecast in 2021
- Our Selic rate projection was revised to 4,0% in the end of the year with the cycle beginning in May
- External accounts improve substantially and are source of support for the currency

Covid-19



» Second wave recedes resonating restraining and vaccination measures

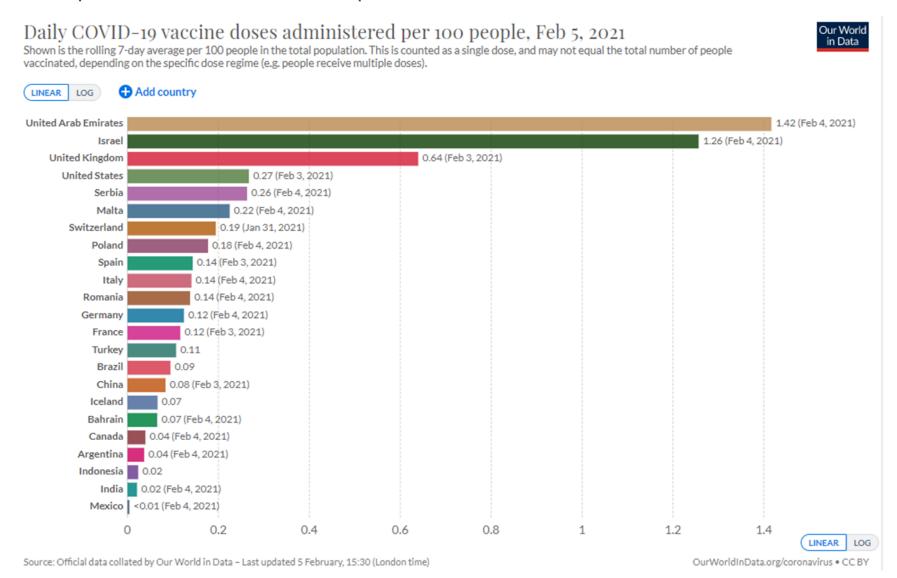


Fonte: John Hopkins, Bocom BBM

Covid-19

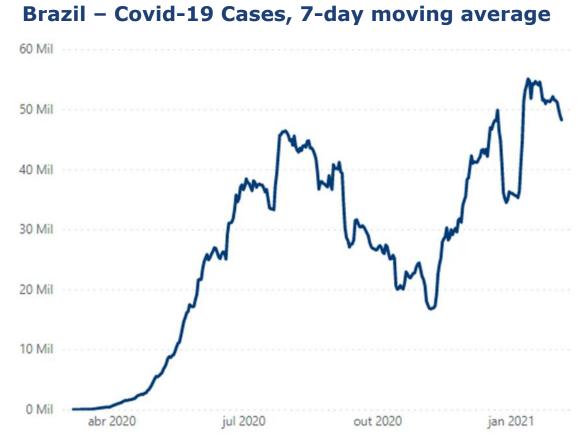


USA and UK hospitalization data shows improvement as vaccination advances

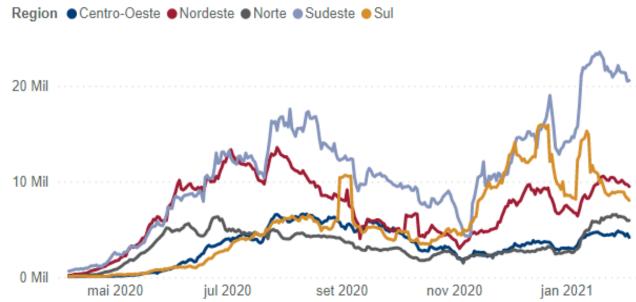




Deaths and cases remain high in Brazil



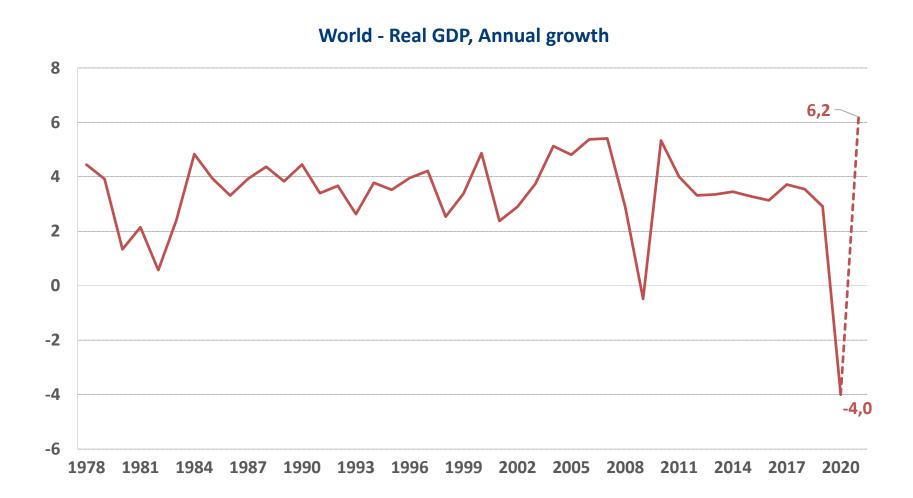
Brazil – Covid-19 Cases, 7-day moving average



Global: GDP Growth



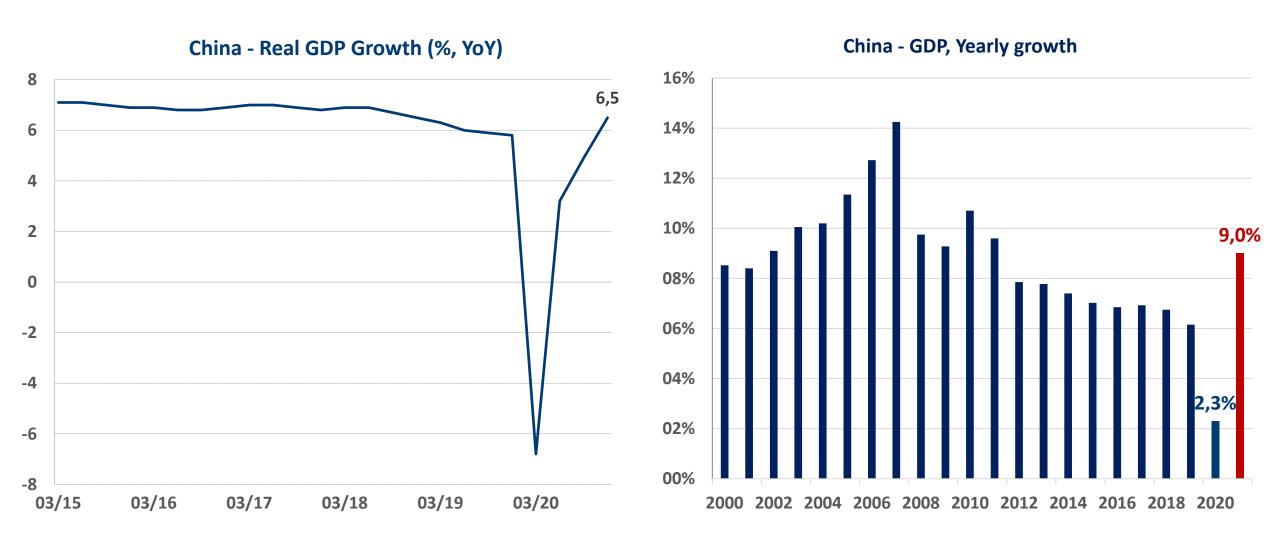
Global should post strong recovery in 2021



China: Activity



Chinese economy recovers fast, with services gaining pace over the fourth quarter



Source: CEIC, Bocom BBM

China: PMI



But PMIs suggest a slowdown in the beginning of 2021

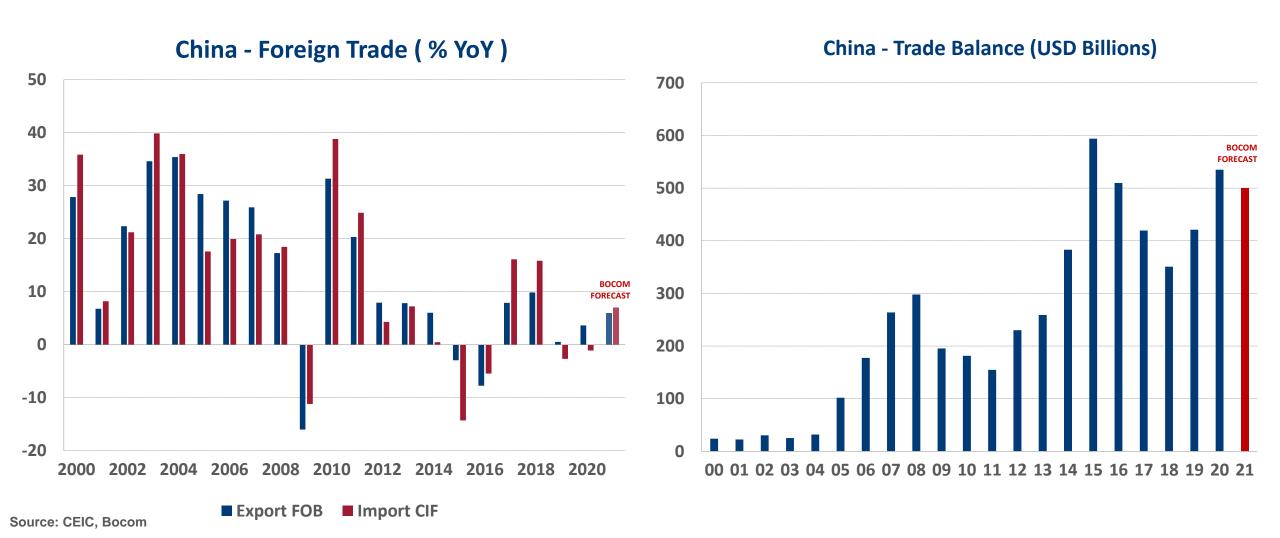


Source: CEIC, Bocom BBM

China: Trade



Imports will accelerate, but trade balance will remain elevated



China: Monetary Policy



Monetary policy will remain "prudent, precise and flexible" in the coming year; no rate hikes in sight

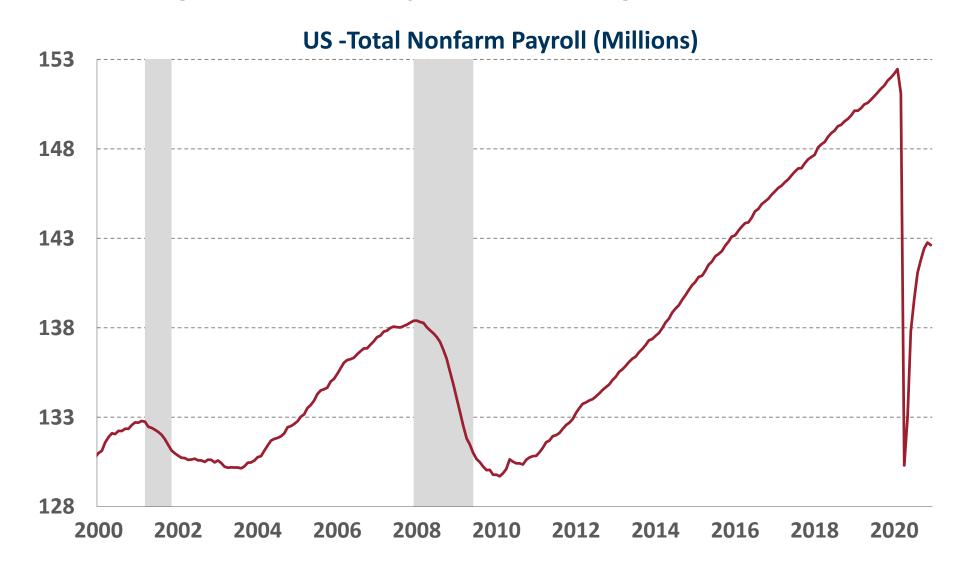


Source: CEIC, Bocom BBM

US: Labor Market



>>> Labor market recovering, but the number of jobs lost remains high



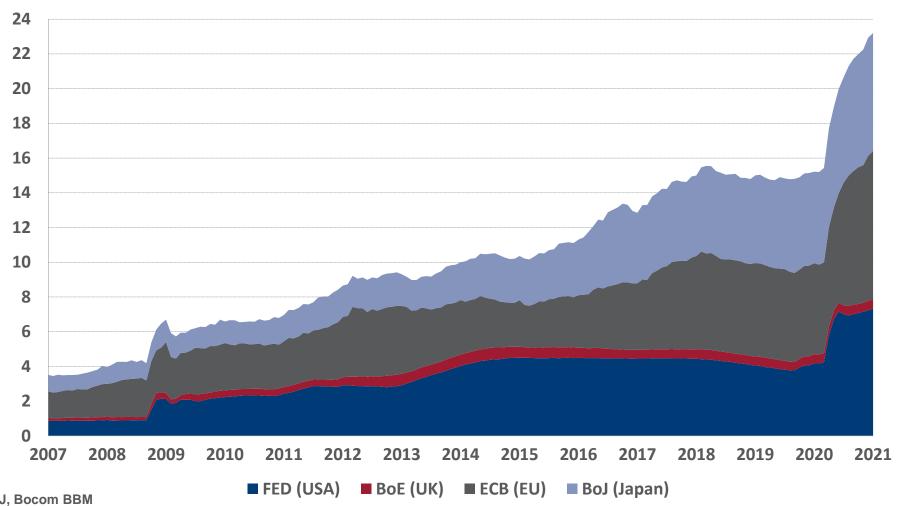
Source: BLS

Global: Monetary Expansion



Balance of G10 Central Banks will continue expanding in 2021, sustaining the elevated global liquidity environment

Central Bank Balance Sheet (US\$ trillion)

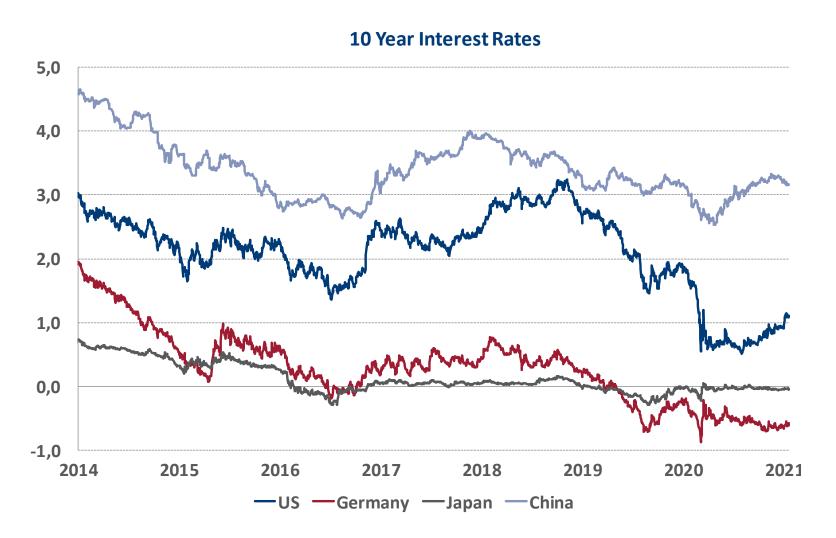


Source: ECB, FED, BoE, BoJ, Bocom BBM

Global Interest Rates



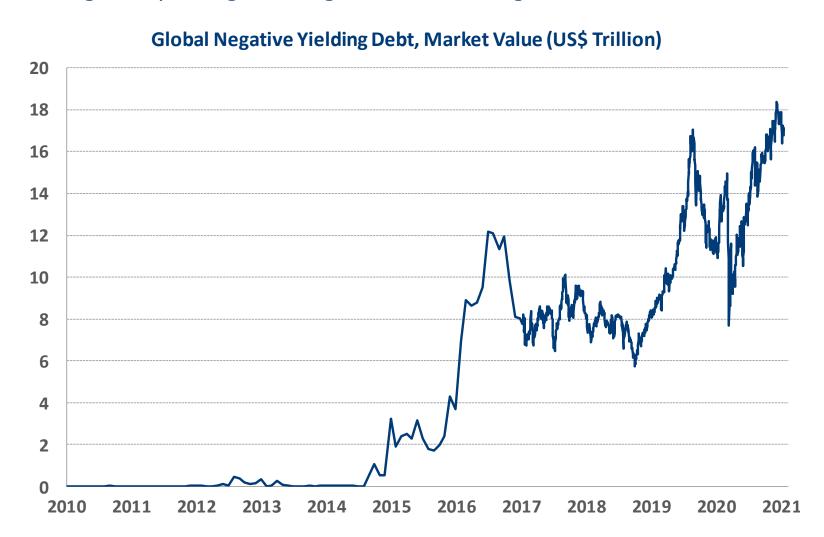
>>> Interest rates should remain at extremely low levels for the next few years



Global: Negative Interest Rates



» Driving the volume of negative yielding sovereign debt to new highs



Global Interest Rates



» Brazil could be the first relevant EM to hike rates this year

Country	Rate in Jan/2020	Curent Rate	Last move	Forecasts (eoy, % pa)
Turkey	11.25	17.00	Pause	13
Mexico	7.25	4.25	Pause	3.5
Russia	6.25	4.25	Pause	4.25
India	5.15	4.00	Pause	4
Indonesia	5.00	3.75	Pause	3.5
South Africa	6.25	3.50	Pause	3.5
Philippines	4.00	2.00	Pause	2
Malaysia	3.00	1.75	Pause	1.75
Brazil	4.50	2.00	Pause	4
Colombia	4.25	1.75	Pause	2.5
Chile	1.75	0.50	Pause	0.75
Peru	2.25	0.25	Pause	0.5
Poland	1.50	0.10	Pause	0.1

Source: Central Banks, JPMorgan, BOCOM BBM

Brazil: Forecasts



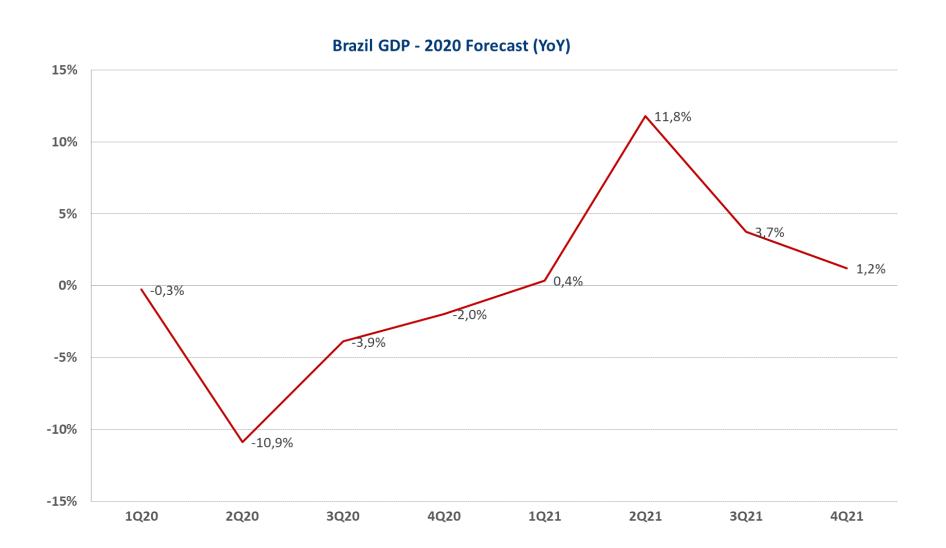
ECONOMIC FORECASTS	2016	2017	2018	2019	2020F	2021F
GDP Growth (%)	-3.3%	1.3%	1.3%	1.1%	-4.4%	3.6%
Inflation (%)	6.3%	2.9%	3.7%	4.3%	4.5%	3.7%
Unemployment Rate, SA (eoy ,%)	12.6%	12.4%	12.2%	11.7%	14.5%	13.6%
Policy Rate (eoy, %)	13.8%	7.0%	6.5%	4.5%	2.0%	4.0%
External Accounts						
Trade Balance (US\$ bn)	48	67	53	48	43	58
Current Account Balance (US\$ bn)	-23	-10	-42	-51	-13	1
Current Account Balance (% of GDP)	-1.3%	-0.7%	-2.2%	-2.8%	-0.9%	0.1%
Fiscal Policy						
Fiscal Primary Balance (% of GDP)	-2.5%	-1.7%	-1.7%	-1.2%	-9.5%	-2.8%
Government Gross Debt (% of GDP)	69.4%	73.7%	75.3 %	74.3%	89.3%	90.0%

Source: BOCOM BBM

Brazil: GDP



Activity valleyed in Q2



Source: BOCOM BBM

Brazil: Activity



» Industrial recovery driven by higher consumption of goods; Services recover slowly

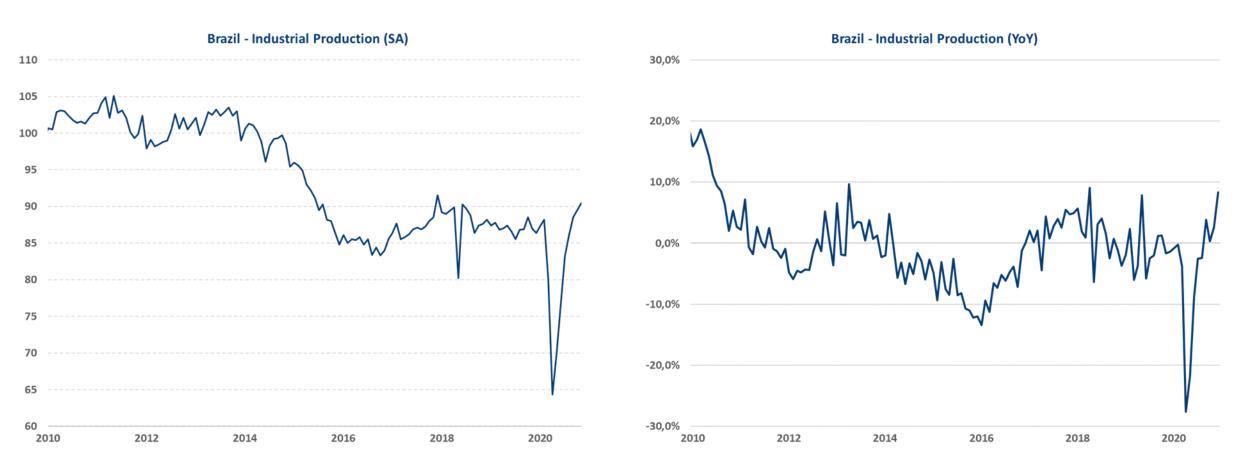
Brazil - Retail Sales x Industrial Production x Services Sector Index (Jan 2020 = 100) 110 95 80 65 jan/20 fev/20 mar/20 abr/20 mai/20 jun/20 jul/20 ago/20 set/20 out/20 nov/20 —Services —Retail —Industrial

Source: BOCOM BBM, IBGE, BCB

Brazil: Activity



- » Industry ends the year with an average 4.5% decline, but last quarter posts +3.4% yoy growth
- Capacity utilization still up into 2021

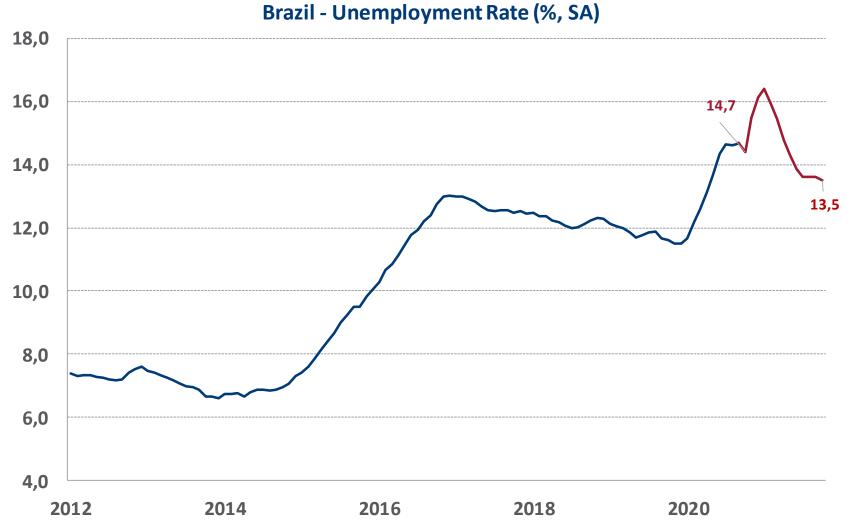


Source: BOCOM BBM, IBGE, BCB

Brazil: Labor Market



We use throughout 2021
We use the next months as more people look for jobs, but will decrease throughout 2021



Brazil: Inflation



- » Base effect will lead to sharp decrease on 12-month inflation in second half of the year
- » 12-month CPI will exceed 6% during the second quarter and will bring discomfort to the Central Bank

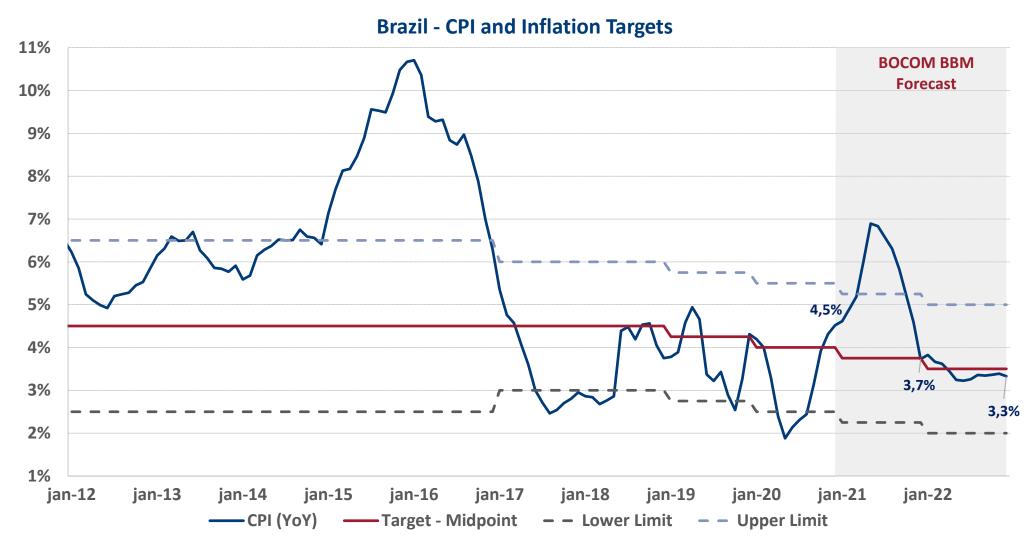
Baseline Scenario (YoY)								
	IPCA	Dogulated	Non-	Services	Food-at-	Industrial		
	IPCA	Regulated	Regulated		Home	Products		
19 Q4	4,3%	5,5%	3,9%	3,5%	7,8%	1,7%		
20 Q1	3,3%	4,8%	2,9%	3,1%	5,1%	1,2%		
20 Q2	2,1%	2,6%	2,8%	2,1%	9,0%	0,2%		
20 Q3	3,1%	2,1%	3,8%	1,1%	15,4%	1,3%		
20 Q4	4,5%	2,6%	5,5%	1,7%	18,2%	3,2%		
21 Q1	5,1%	3,2%	6,2%	2,1%	19,2%	3,9%		
21 Q2	6,8%	8,4%	6,4%	3,1%	16,8%	4,7%		
21 Q3	5,8%	7,2%	5,4%	4,1%	11,2%	3,4%		
21 Q4	3,7%	5,8%	2,9%	3,2%	4,8%	1,3%		
22 Q1	3,6%	6,1%	2,8%	3,4%	4,2%	0,9%		
22 Q2	3,2%	4,4%	2,9%	3,5%	4,3%	0,9%		
22 Q3	3,3%	4,3%	3,0%	3,6%	4,7%	1,0%		
22 Q4	3,3%	3,6%	3,2%	3,8%	5,1%	1,1%		

Source: BOCOM BBM, IBGE

Brazil: Inflation



>>> Inflation will converge to the target's midpoint only during the last quarter of 2021



Source: BCB, BOCOM BBM, IBGE

Brazil: Inflation



- » Notwithstanding the benign inflationary path around the target, we see several upside risks in a situation where downside pressures have already been incorporated in the forecasts:
- 1. Further foreign exchange passthrough to industrial goods
- 2. Faster recovery of the service sector and consequently of the labor market
- 3. Additional pressure from commodities
- 4. Additional pressure from regulated prices
- >>> However, a cycle of foreign exchange rate appreciation could mitigate these pressures

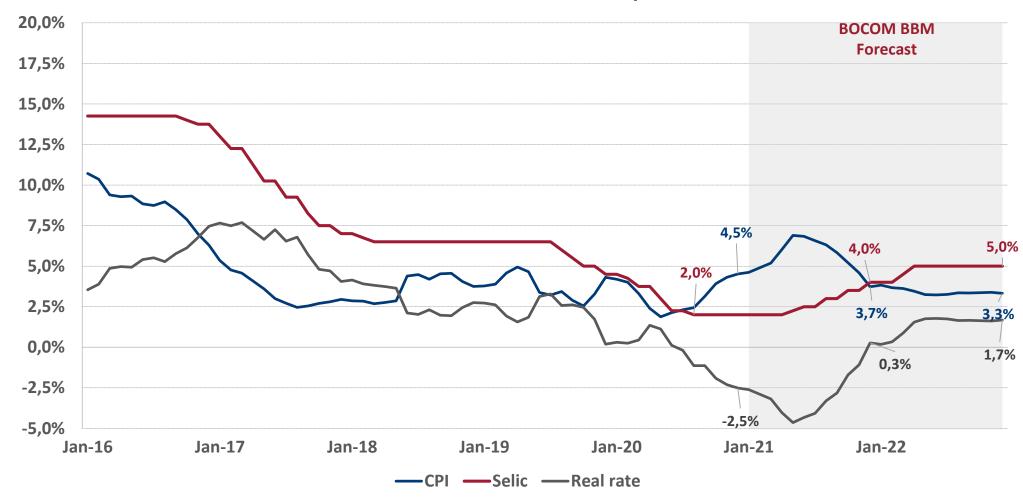
Source: BOCOM BBM

BRAZIL: MONETARY POLICY



Our Selic rate projection was revised to 4,0% in the end of the year with the cycle beginning in May

Brazil - CPI, Selic Rate and Real Ex-post Interest Rate

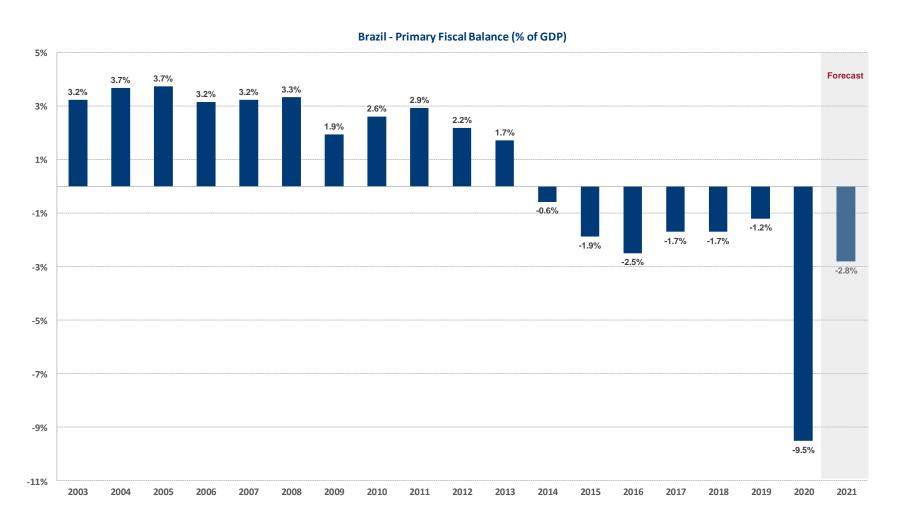


Source: BCB, BOCOM BBM

Brazil: Fiscal



Measures to mitigate economic impacts from the pandemic elevated the primary deficit in 2020, but deficits should return to 3% of GDP in 2021 as the spending cap remains in place

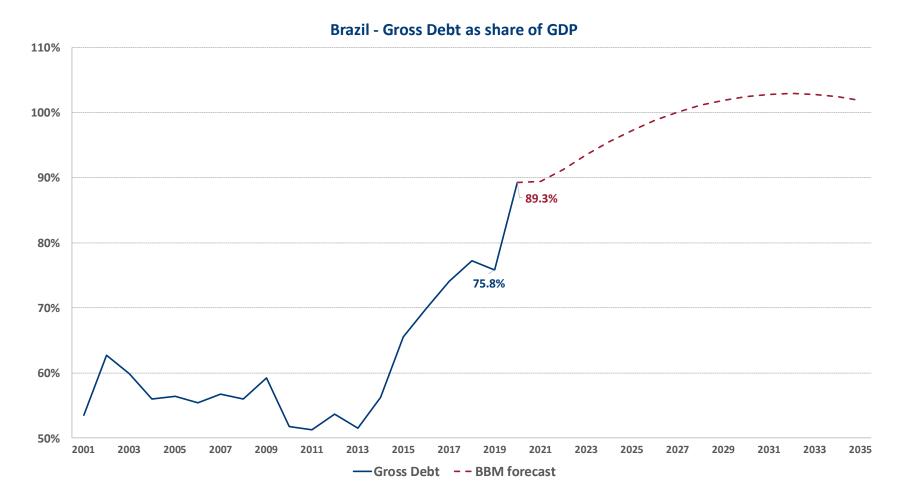


Fonte: STN, BOCOM BBM

Brazil: Fiscal



- » Fiscal measures to mitigate economic fallout will result in a sharp rise in the Debt/GDP ratio
- » Important to keep the fiscal deterioration contained to 2020 and adhere to the spending ceiling in 2021

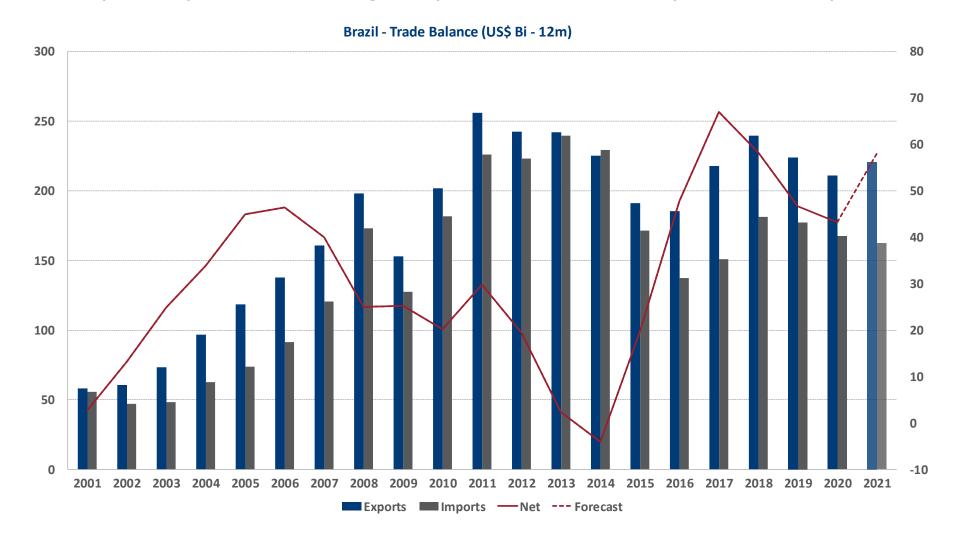


Source: BCB, BOCOM BBM

Brazil: Trade Balance



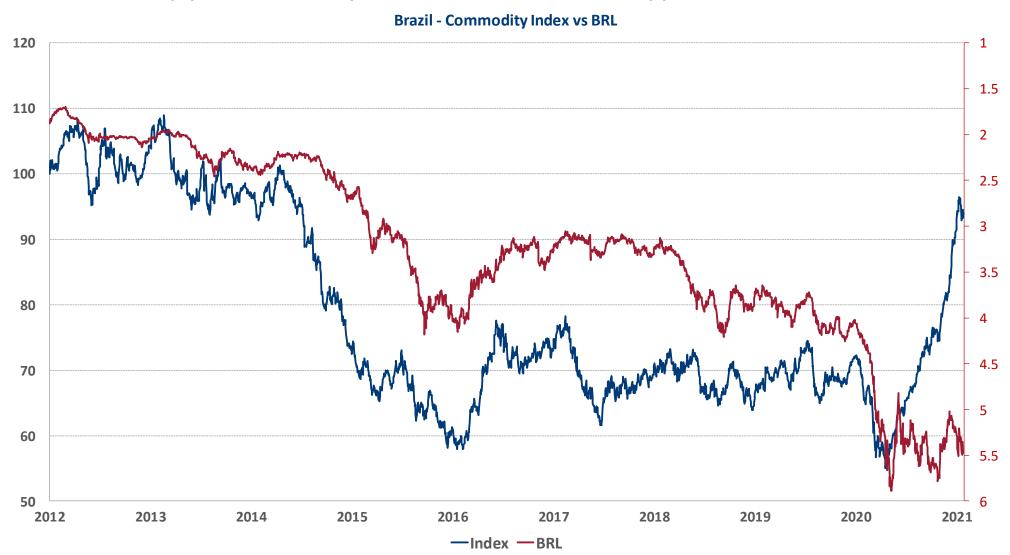
Trade balance surprises upward with stronger exports to Asia and sharp decline in imports



Brazil: Trade Balance



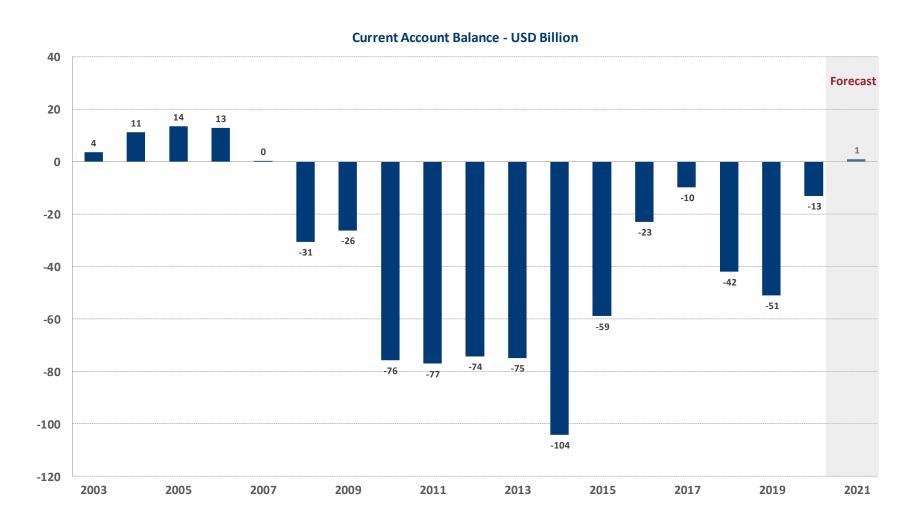
Appreciation of commodity prices has not yet translated into a more appreciated Real



Brazil: Balance of Payments



>>> Trade balance helping a reversal of the current account deficit for both 2020 and 2021



Source: BCB, BOCOM BBM



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