

Peru Economic Outlook

Third quarter 2019

July 2019

Contents

01 Economic activity

- H1 2019

- What are our predictions for the second half of 2019 and for 2020?

02 Fiscal and external accounts

03 Foreign exchange market

04 Inflation and monetary policy

05 Summary of macroeconomic projections

Key Points (I)

- Activity remained weak in the second quarter, resulting in growth for the first half of the year in the region of 2%. This weakness is mainly explained by transitory factors: (i) fishing, due to the lower quota for the first anchovy fishing season (which was also late to start); (ii) mining, because production failed to recover (low grades, stoppages and social conflicts); and (iii) public investment, which experienced a slowdown, primarily at regional government level. In addition to these transitory factors, which will be reversed in the second half of this year, it should be noted that household spending indicators also eased, while private investment, particularly non-mining, experienced slow progress.
- For the second half of 2019 and for 2020, the forecast baseline scenario, on the external front, envisages global growth that will stabilize at low levels against a backdrop of trade tensions that will be offset by stimulus measures in the main economies. Moreover, it predicts that the terms of trade will remain relatively stable (fall in metal and oil prices).
- On the local front, the forecast baseline scenario assumes that mining production will overcome the problems faced in the first half of the year and gradually recover, while public investment will perform better (improved implementation of expenditure by regional governments and of reconstruction works). However, business caution will persist, with a confidence level similar to that recently reached.

Key Points (II)

- Against this backdrop, growth in the second half will be higher than that recorded for the first, at close to 4%, with 2.9% expansion for the year. This annual forecast is one percentage point lower than in our previous report following a weaker first half than anticipated. Meanwhile, for the second half of the year, the private spending forecast has been revised downward due to the weakness predicted by the indicators already available.
- Growth is predicted to reach 3.9% by 2020. As in the second half of 2019, the following year's rebound will be driven: i) by the recovery of primary industry (mining, fishing), which will favor exports, and ii) public investment, as a result of the normalization of regional government spending and infrastructure construction. It is important to note that the growth forecast for 2020 is two percentage points higher than three months ago.
- Risks affecting our 2019 and 2020 growth forecasts: externally, increased trade tensions, recession in the US and a disorderly adjustment in China. Domestically: slower recovery of the extractive sectors, declining confidence and slower progress in public investment.
- In terms of public accounts, we predict a continuation of the fiscal consolidation process (initiated in 2018) in the coming years, with a deficit of below 2% of GDP from 2020. This strong fiscal position is one of the factors that continues to explain the appetite for sovereign bonds, which is why the Peruvian credit rating has not been downgraded. The current account deficit in the balance of payments, on the other hand, will remain limited, consistent with a high trade surplus.

Key Points (III)

- The PEN has shown moderate volatility on the foreign exchange market so far this year, despite external noise. We predict that local currency will strengthen further going forward, buoyed by a favorable interest rate differential between the sol and the dollar, the increase in the trade surplus and the influx of capital linked to mining investment. However, episodes of exchange rate volatility cannot be ruled out due to trade tensions and, approaching the third quarter of next year, as a result of the launch of the campaign for the 2021 presidential elections. These episodes aside, we estimate that the exchange rate at the end of this year and for next year will range between 3.25 and 3.30 sol/USD.
- On the monetary policy front, the Central Bank recently issued a more *dovish* message, significantly curbing (which is rare) its growth forecast for 2019 and indicating a downward skew in inflation to under 2% (due to the risks of weakness in domestic demand). At BBVA Research we believe that although the slowdown in the economy is mainly explained by transitory factors that have affected the extractive sectors, weak activity, foreign uncertainty and local political noise have had a negative impact on business confidence. In this environment, non-mining investment remains weak and formal job creation is experiencing a slowdown. Therefore, the risk of a slowdown in private spending cannot be ruled out.
- In an environment free of inflationary pressure, we predict that in the short term the Central Bank will apply a preventive interest rate cut from 2.75% to 2.50% as part of its monetary policy. Looking ahead, greater monetary stimulus will depend on the economic information that emerges.

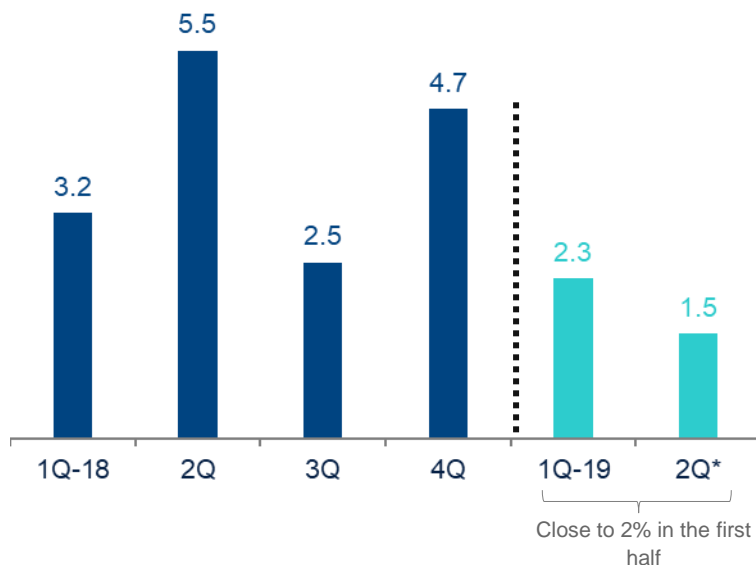
01

Economic activity: first half of 2019

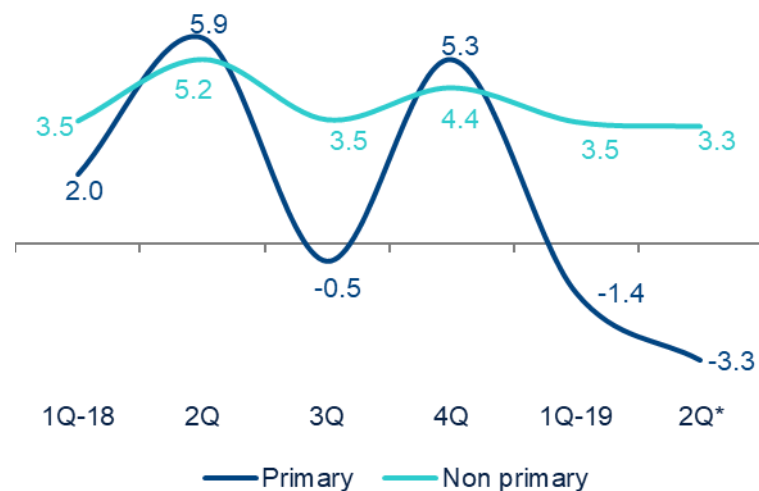
Weak growth in Q2 due to transitory factors that affected production in the mining and fishing sectors. Public investment also slowed, particularly at regional government level

Activity remained weak in the second quarter, resulting in growth for the first half of the year of 2%

GDP
(YOY CHANGE, %)



PRIMARY AND NON-PRIMARY GDP
(YOY CHANGE, %)



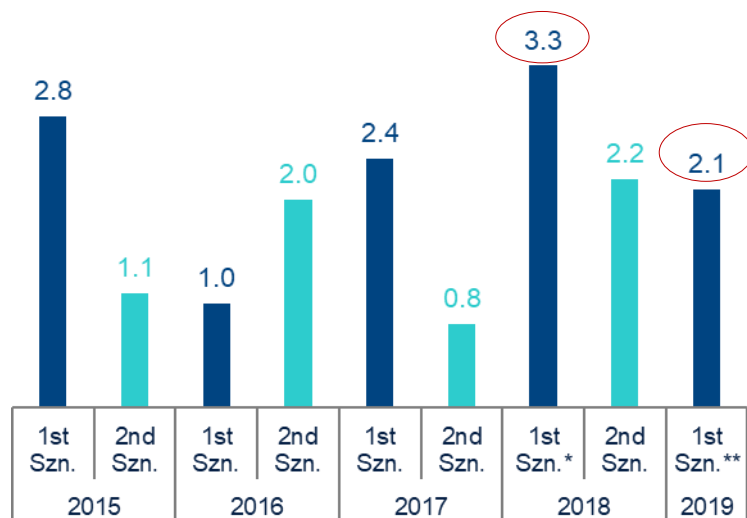
*Estimated

Source: INEI (Peruvian Institute of Statistics and IT) and BBVA Research

The slowdown in the first half is mainly explained by the contraction in the primary (extractive) sectors

Weak growth so far this year: (i) Fishing, due to the lower quota for the first anchovy fishing season (and a late start)

QUOTA ASSIGNED FOR ANCHOVY FISHING (MILLIONS OF MT)



*Began at the start of April. Extraction of the full quota assigned finished in June
 **Began at the end of April (exploratory fishing). 90% of the quota had been extracted by June
 Source: PRODUCE (Ministry of Production), IMARPE (Marine Institute of Peru) and BBVA Research

Ministra Barrios: cuota de captura para la Primera Temporada de Pesca 2019 será de 2.1 millones de toneladas

“Los resultados del crucero que realizó el IMARPE revelan que las condiciones ambientales están normalizándose, pero que existe un leve impacto por el reciente fenómeno de El Niño”, destacó.

Andina (April 26)

CONTRIBUTION TO GDP GROWTH H1/19* (PERCENTAGE POINTS)

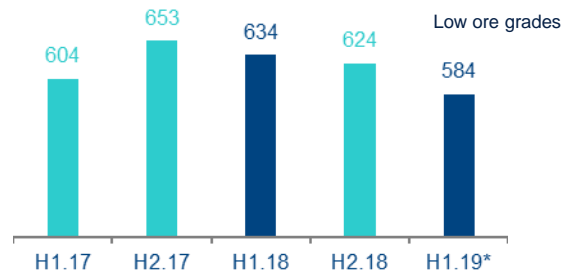


*Includes the direct (fishing) and indirect (industrial processing) impact

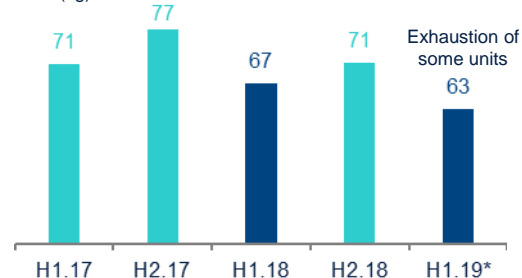
Weak growth so far this year: (ii) Mining did not recover production levels (low grades, stoppages and social conflicts)

METAL MINING PRODUCTION (THOUSANDS OF RECOVERABLE UNITS)

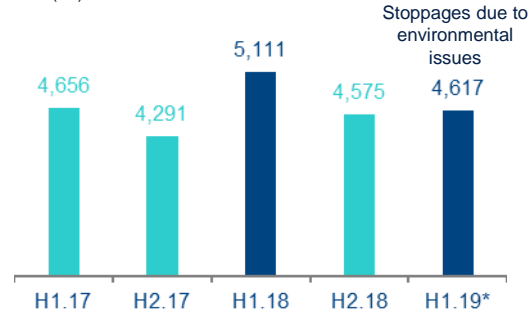
Zinc (mt)



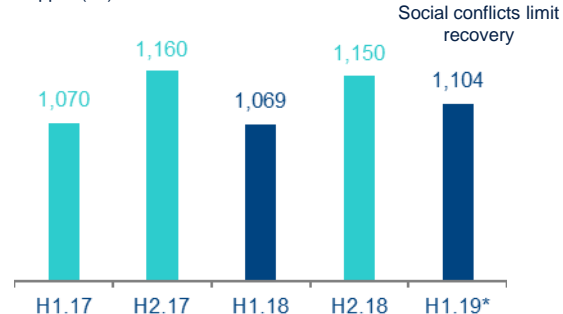
Gold (kg)



Iron (mt)



Copper (mt)



In the first half of the year:

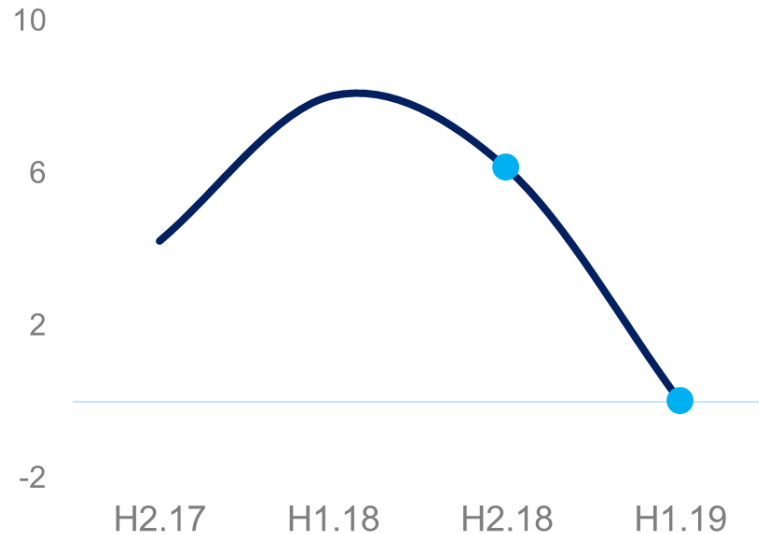
- Zinc production (-8%*) was affected by low mineral grades at a large mining unit
- Gold production (-7%*) declined as a result of the exhaustion (and closure) of some units
- Iron **extraction** (-10%*) contracted after a large mine received an order to halt mineral transport and storage due to evidence of contamination
- Copper production increased (3%*) thanks to a low year-on-year comparison basis. Social conflicts curbed expansion
- We estimate that mining production contracted by 1% in the first half

*Estimated

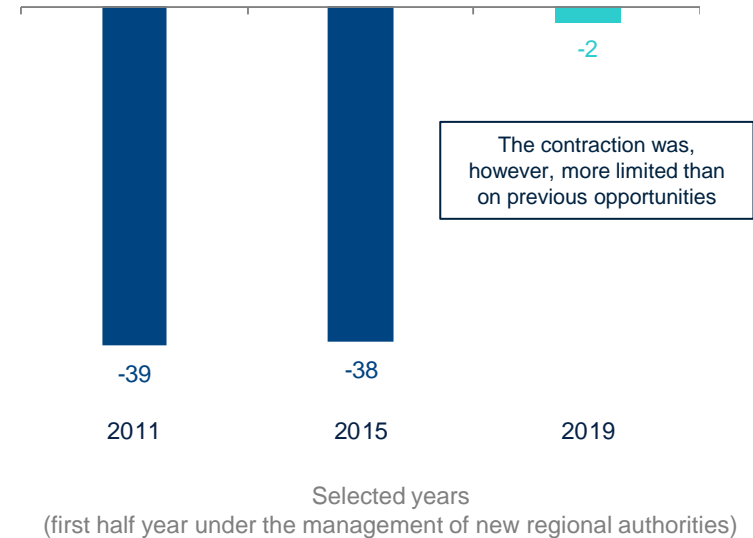
Source: BCRP (Central Reserve Bank of Peru) and BBVA Research

Weak growth so far this year: (iii) Slowdown in public investment, mainly at regional government level

PUBLIC INVESTMENT* (YOY CHANGE, %)



REGIONAL GOVERNMENT INVESTMENT* (ACTUAL, ACCUMULATED IN H1/19, YOY CHANGE, %)



*General Government plus public enterprises
Source: BCRP, Ministry of Economy and Finance of Peru (MEF) and BBVA Research

*Gross capital formation of regional and local governments

Household expenditure indicators also eased...

JOB IN THE FORMAL PRIVATE SECTOR
(3-MONTH ROLLING AVERAGE, YOY CHANGE, %)



FORMAL SECTOR TOTAL WAGE BILL
(ACTUAL, 3-MONTH ROLLING AVERAGE, YOY CHANGE, %)



CONSUMER CREDIT
(NOMINAL, YOY CHANGE, %)

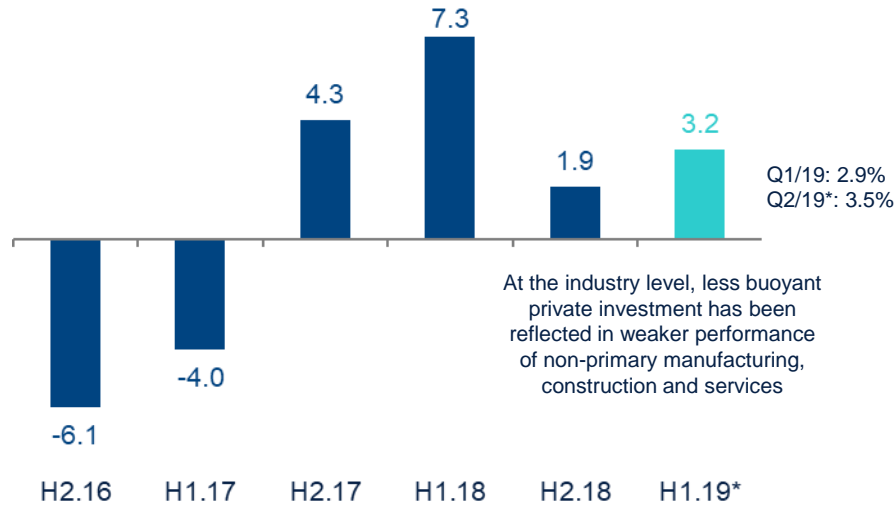


IMPORTS OF DURABLE CONSUMER GOODS
(VOLUME, 3-MONTH ROLLING AVERAGE, YOY CHANGE, %)

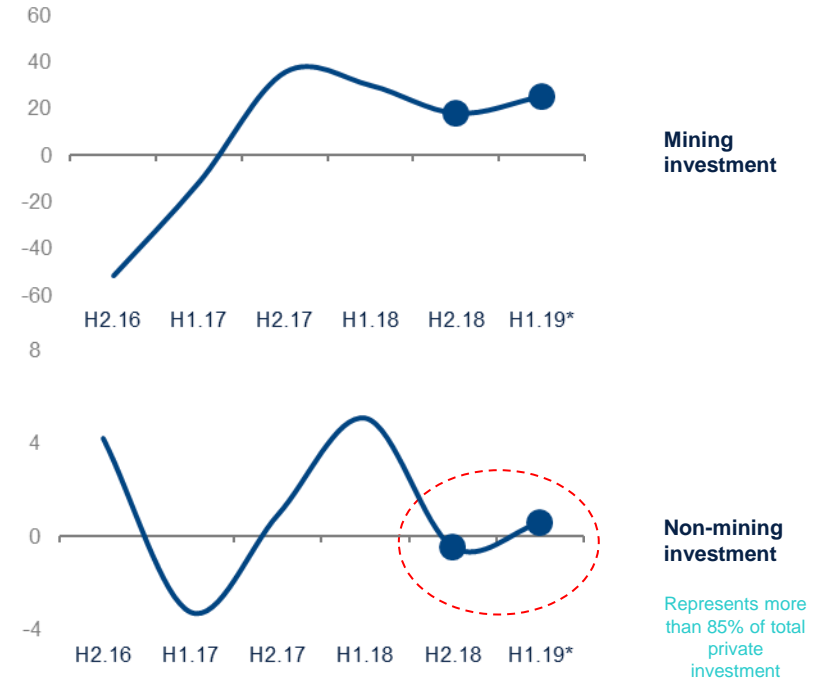


... and private investment, particularly non-mining, experienced slow progress

PRIVATE INVESTMENT (YOY CHANGE, %)



COMPOSITION OF PRIVATE INVESTMENT (YOY CHANGE, %)



What are our predictions for the second half of 2019 and for 2020?

Improved figures due to the reversal of negative elements from the first half, but a more uncertain external environment and recent developments in confidence indices anticipate limited dynamism in private spending

The baseline scenario for the second half of 2019 and for 2020 envisages...

01

Global growth will stabilize at lower levels, amid trade tensions offset by further stimulus measures in the major economies

02

Lower metal prices (export), offset by lower oil prices (import): stable terms of trade

03

Mining production overcomes problems and recovers gradually

04

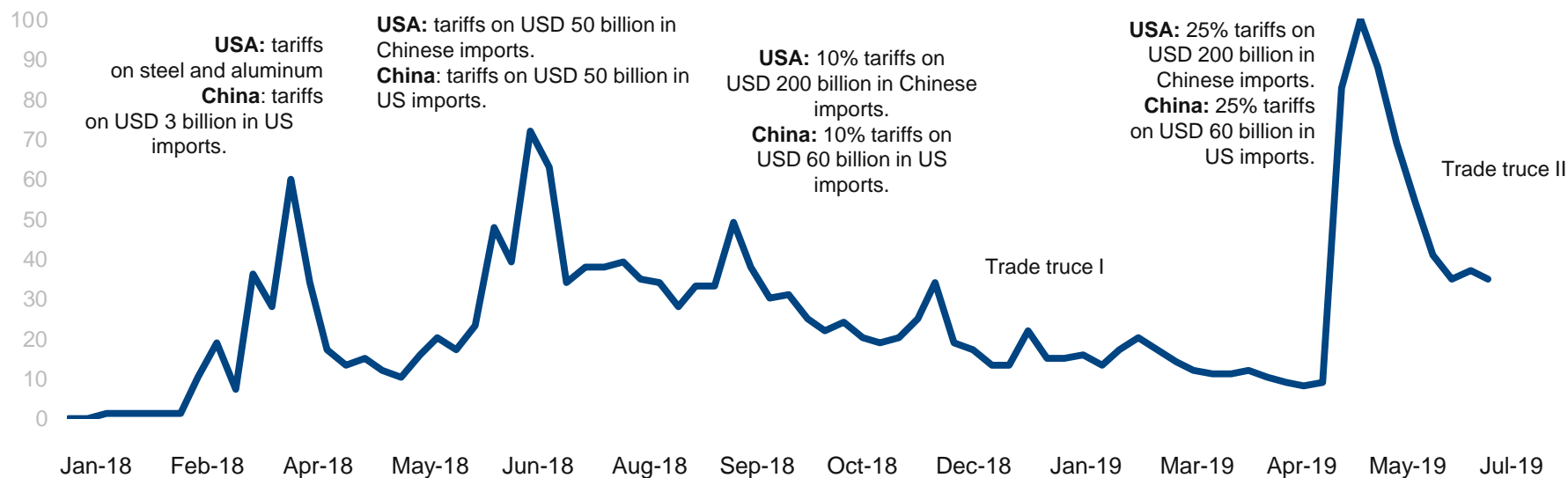
Improved performance of public investment due to better implementation by regional governments and reconstruction works

05

More cautious business sentiment: assumption that the recent decline in the confidence index is not set to continue and current levels will be maintained

1 Escalating protectionism keeps uncertainty high, even after the recent truce between the USA and China

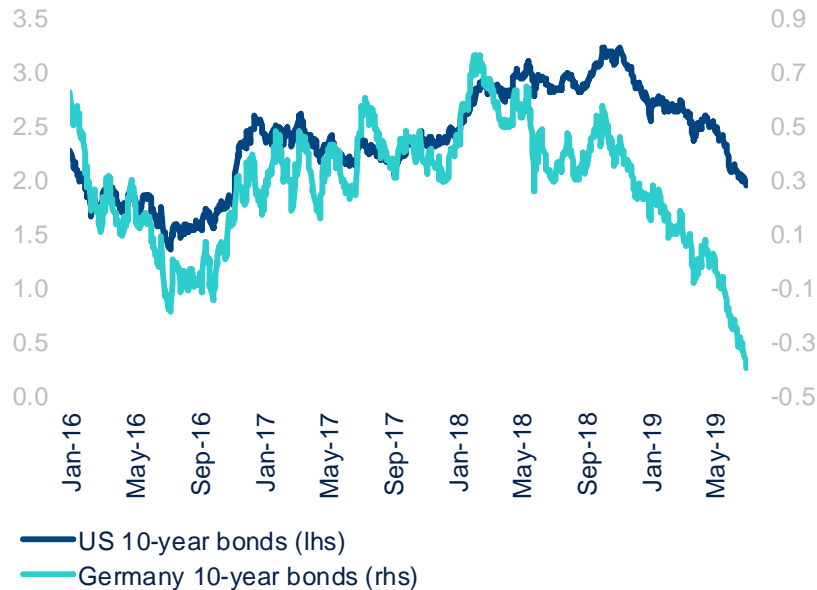
TRADE WAR INDEX: GOOGLE SEARCHES OF THE TERM "TRADE WAR" (INDEX FROM 0 TO 100)



1 There is a movement toward safe haven investments on financial markets

SOVEREIGN DEBT YIELDS

(%)

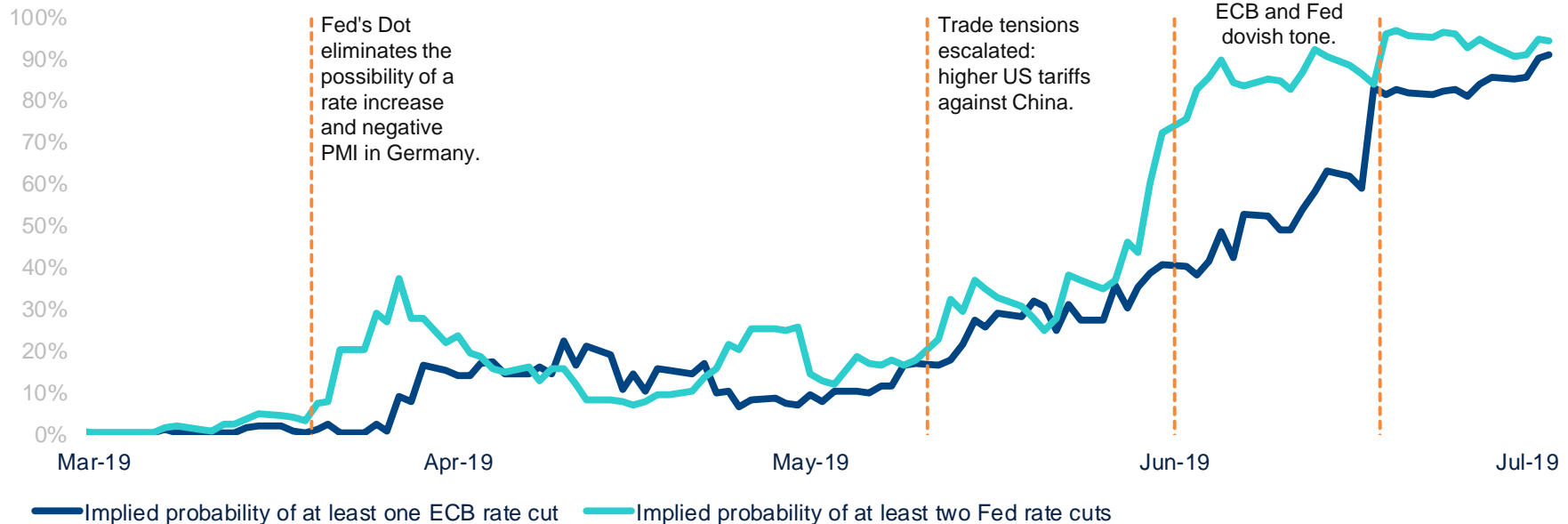


- Very low sovereign debt yields due to trade tensions and growth risks
- The shift of the Fed and the ECB prompted a search for profitability and earnings in peripheral markets...
- ...without generating a generalized risk appetite.

1

In an environment of persistent uncertainty and low inflation, central banks change their position and consider additional stimuli

PROBABILITY OF INTEREST RATE CUTS BY THE FED AND THE ECB ACCORDING TO FINANCIAL MARKETS (%)



1 Looking ahead, additional expansionary measures are expected to offset the effect of trade tensions



Trade tensions high

- Protectionism has already caused irreversible damage
- The strategic rivalry between the US and China is set to continue
- Uncertainty will continue to weigh on investment decisions



New stimulus measures

- The Fed and the ECB: short-term rate cuts
- China: additional stimuli
- The new measures will keep financial tensions limited
- The drop in the oil price will offer support

1 Global growth continues on a smooth downward path, despite the first-quarter rebound

IMPACT ON GDP LEVEL OF TWO TRADE WAR SCENARIOS IN THE UNITED STATES AND CHINA (TWO YEARS, PP)



- Scenario 1: announced tariff hikes
- Scenario 2: announced + additional tariff hikes

Scenario 1: Measures approved by the US: 25% tariffs on steel, 10% tariffs on aluminum and 25% tariffs on USD 250 billion in Chinese imports. China's retaliation: 25% tariffs on USD 110 billion in US imports.

Scenario 2: US measures: measures already approved plus 25% tariffs on all Chinese imports. China's retaliation: 25% tariffs on USD 130 billion in US imports.

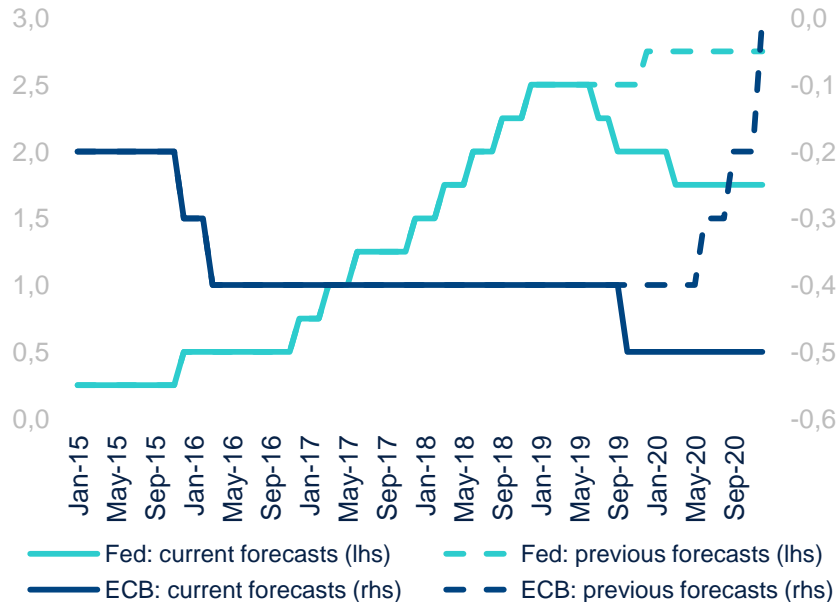
Source: BBVA Research

- The trade war causes particularly negative effects for China...
- ... however the US and other countries will also be affected
- Data shows that trade tensions are already reducing growth

1 The counter-cyclical effort will continue to be led by the central banks

FED AND ECB: INTEREST RATES

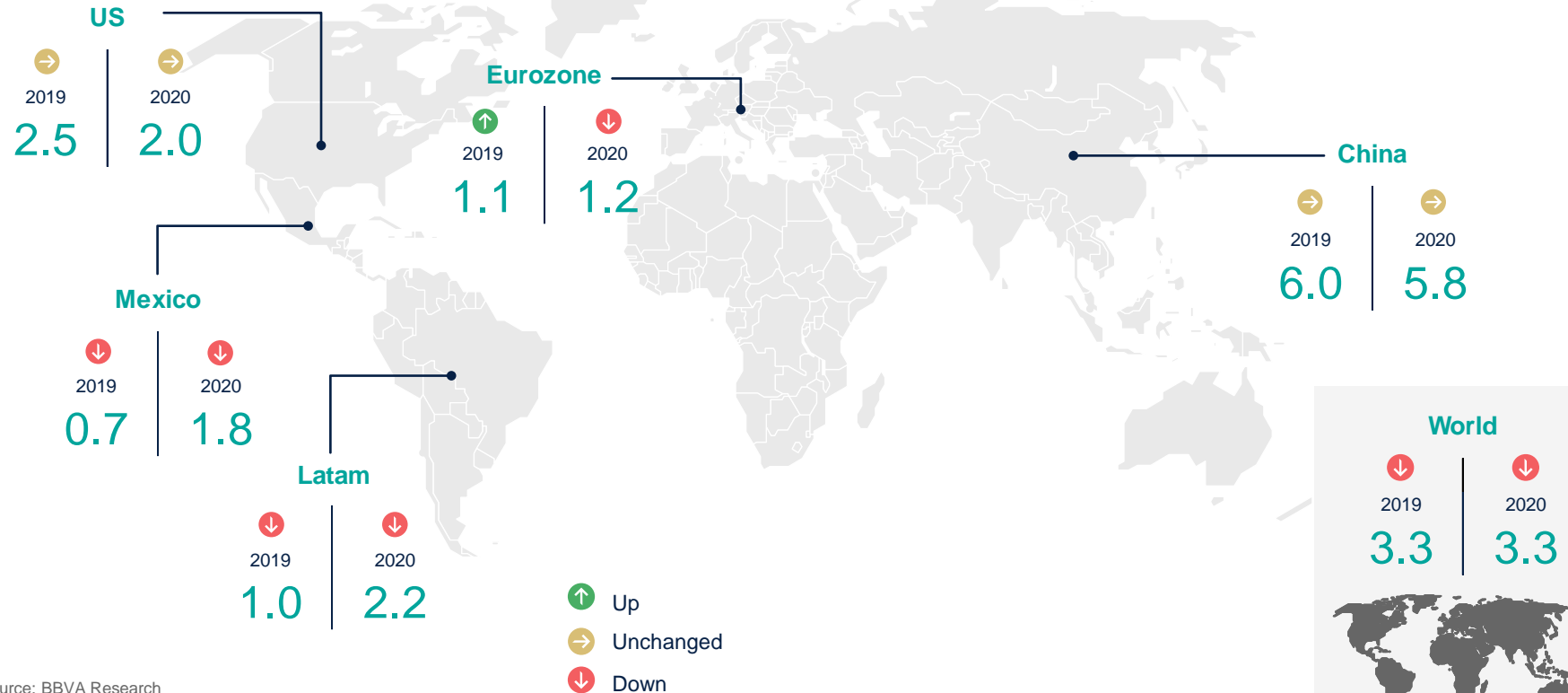
(%, END OF PERIOD)



(*) Deposit interest rates in the case of the ECB.
Source: BBVA Research

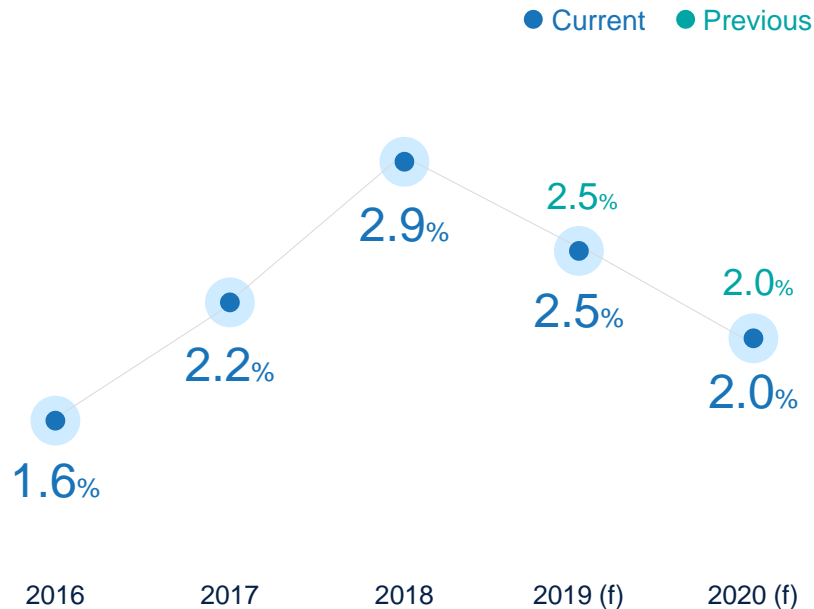
- The risks to growth and low inflation create a margin for lower rates for longer periods
- Fed: cuts of up to 75 bps.
- ECB, new measures expected:
 - 10 bps cut from deposit rates in Q3/19
 - Staggered deposit system
 - Strengthened *forward guidance*
- In China, fiscal policy will also play a role in the effort to sustain growth

1 Global growth will stabilize at relatively lower levels



1 USA: growth will slow, with greater support than expected from the Fed

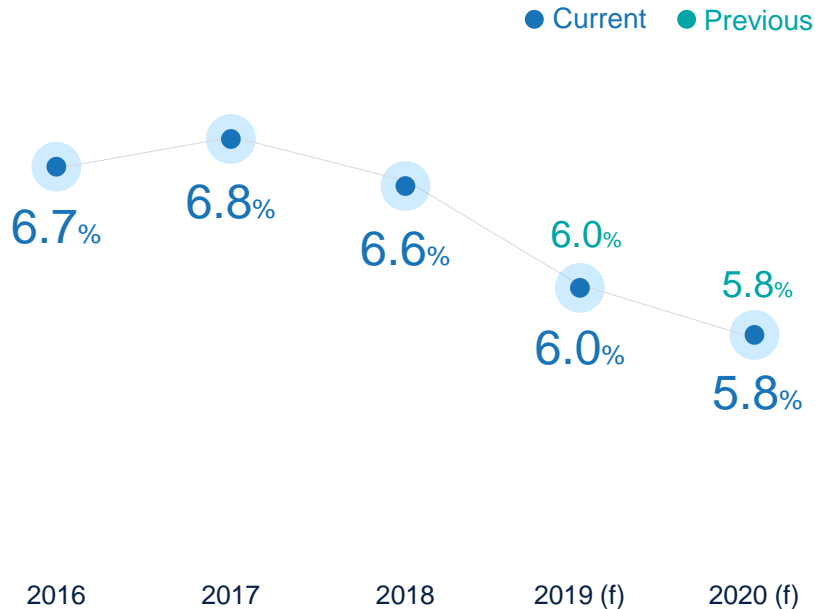
GDP GROWTH (%)



- GDP growth will approach potential growth
- Core inflation will remain below the 2% target
- The likelihood of recession remains high, skewing risks downward

1 China: additional stimulus measures to counter the effects of trade tensions

GDP GROWTH (%)

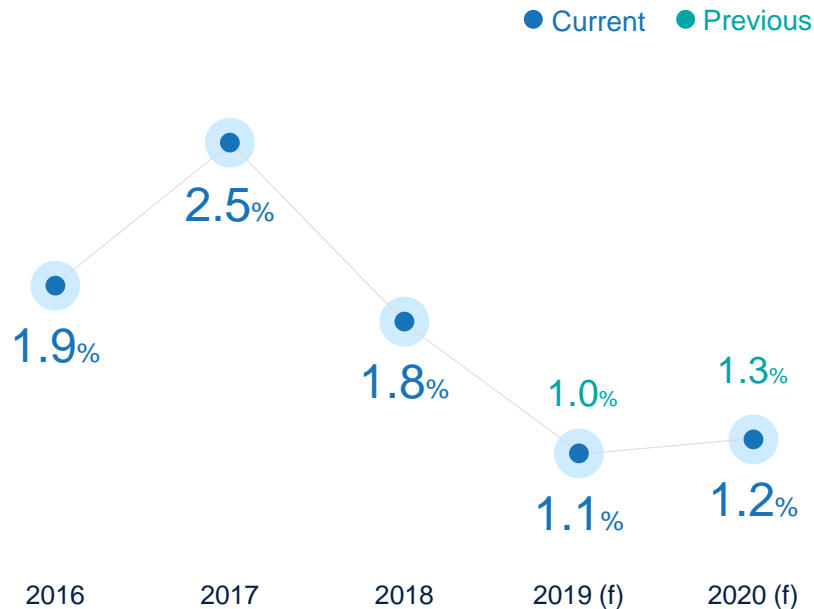


- Additional stimulus measures:
 - Debt issuance by regional governments
 - Focused monetary stimulus
 - Increased public deficit
- Better prospects for consumption than for exports and investment
- Risks: sudden slowdown, disorderly deleveraging and trade war

1 Eurozone: more modest growth going forward due to industry weakness and uncertainty

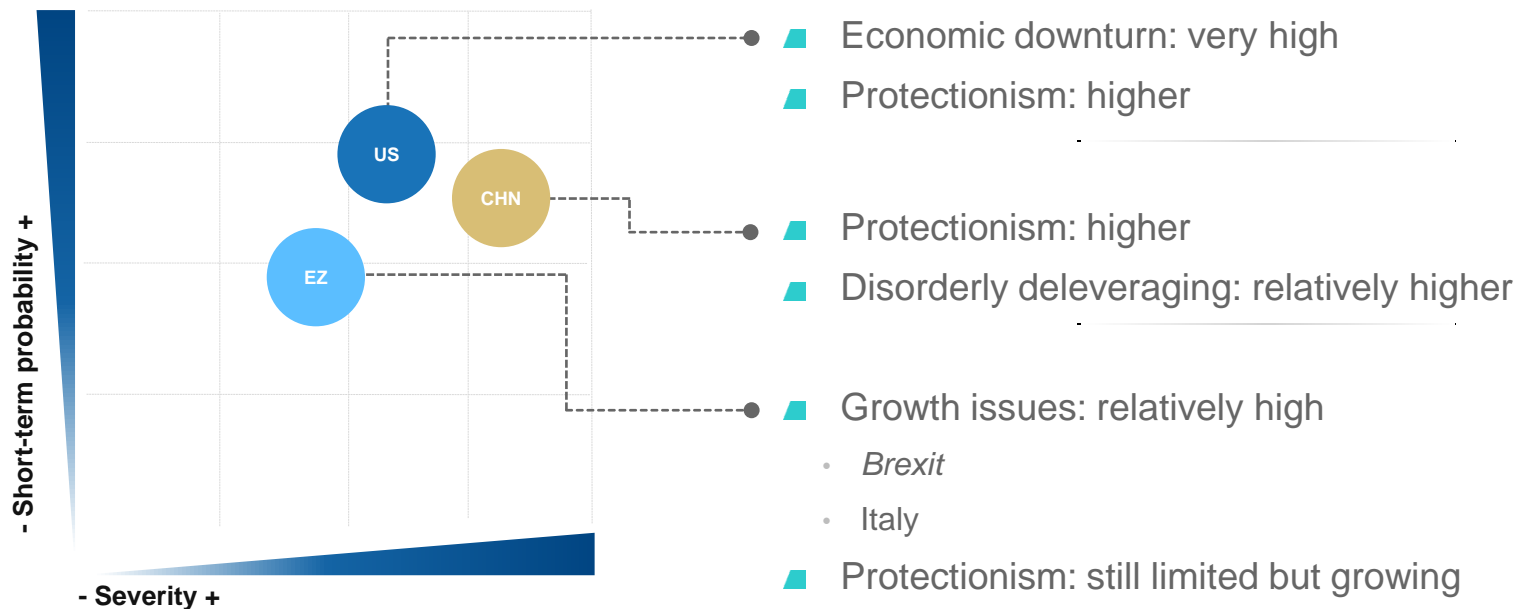
GDP GROWTH

(%)



- Uncertainty remains high, due to trade issues and Brexit
- Monetary policy will support domestic demand in particular
- A somewhat expansive fiscal policy
- Gradual increase in core inflation

1 Global risks: rising on account of increased protectionism, mainly due to the potential impact on China



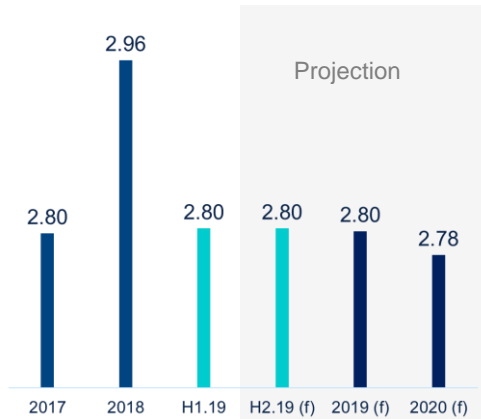
Source: BBVA Research

Financial vulnerabilities may increase risk severity

2 Relatively stable terms of trade

COPPER PRICE

(AVERAGE FOR PERIOD, USD/POUND)

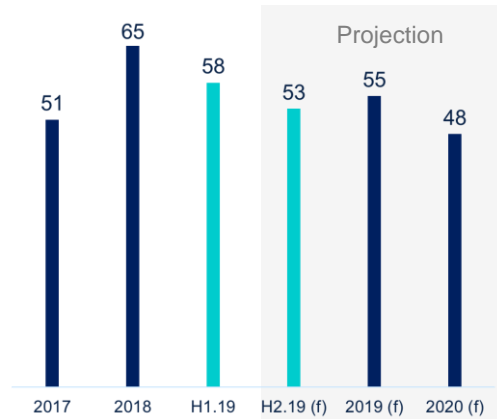


(f) Forecast.

Source: Bloomberg, BCRP and BBVA Research

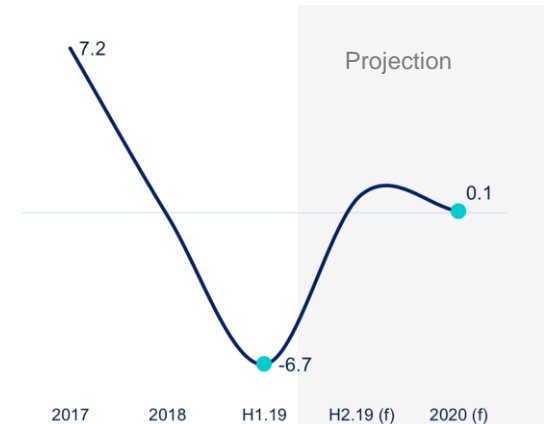
OIL PRICE

(AVERAGE FOR PERIOD, USD/WTI BARREL)



TERMS OF TRADE

(AVERAGE FOR PERIOD, YOY CHANGE, %)



Copper

The price will recover slightly in the second part of the year in an environment where trade tensions stabilize, together with more expansive monetary policies, a weaker dollar and short-term copper supply constraints. During 2020, the price will trend downward against a backdrop of moderating activity in China

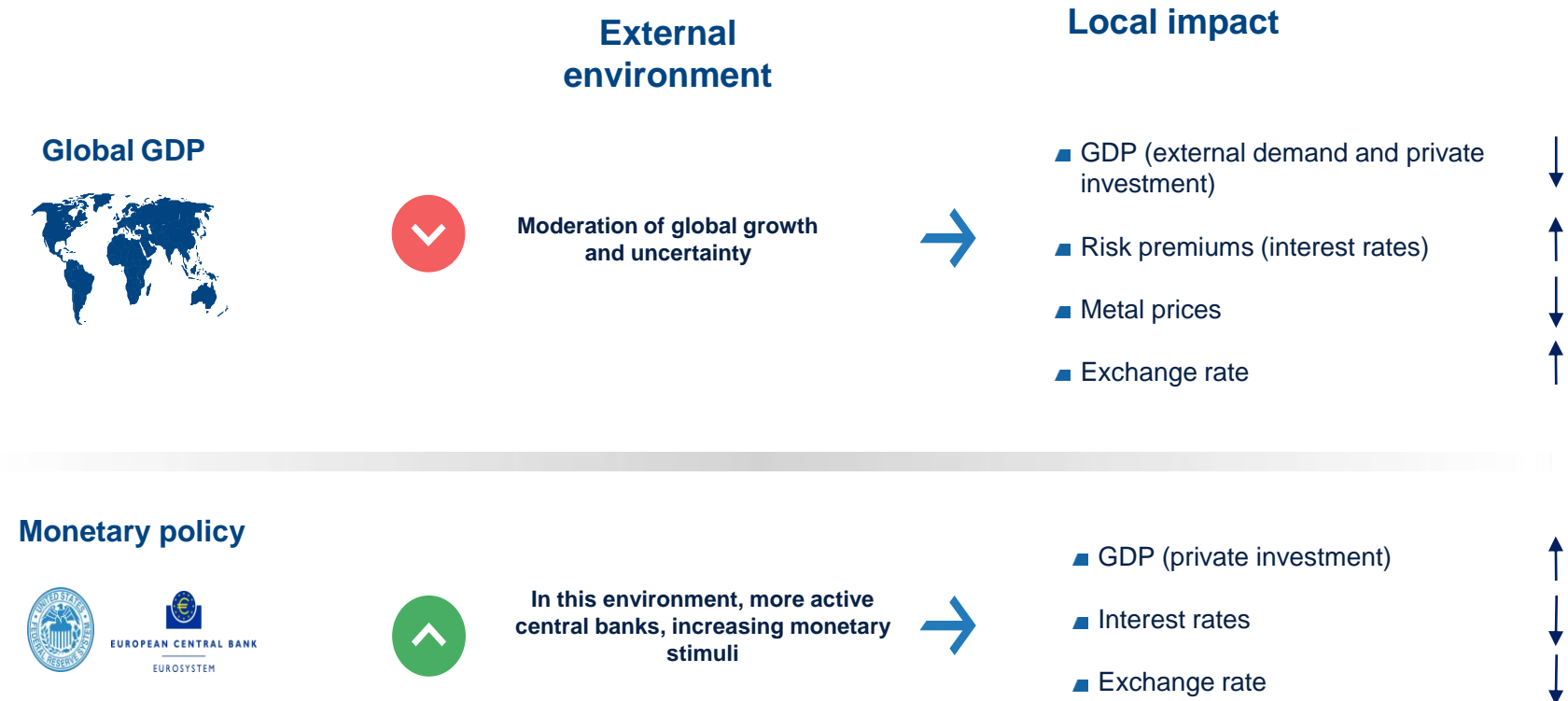
Oil

The oil price will tend to moderate due to the slowdown in global growth. Lower demand will be partially offset by reduced supply (OPEC commitment)

Terms of trade

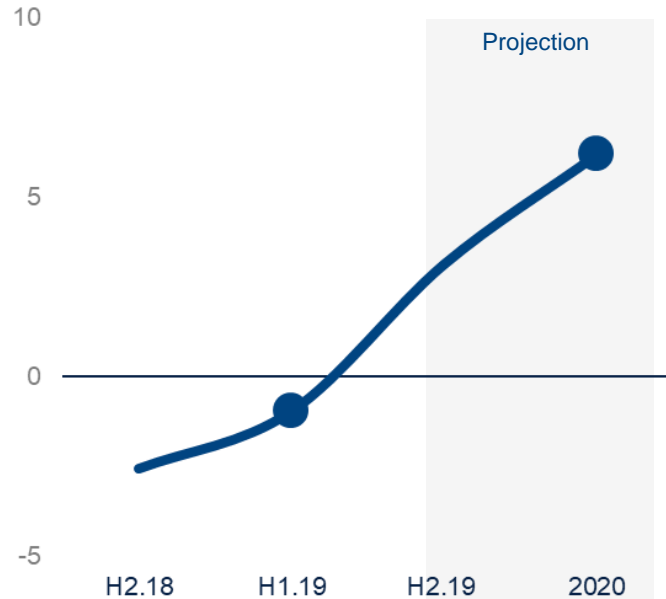
Slight improvement going forward due to the lower oil price

In summary: the impact of external factors on the Peruvian economy for the remainder of 2019 and for 2020:

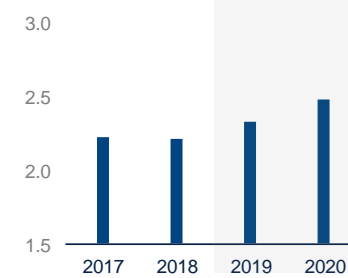
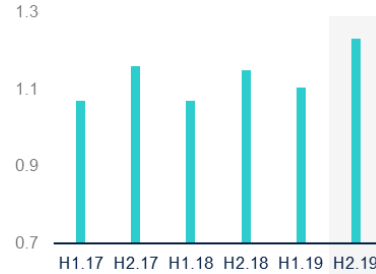


3 Mining production overcomes problems and recovers gradually

MINING PRODUCTION (YOY CHANGE, %)



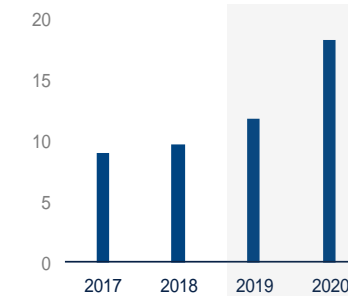
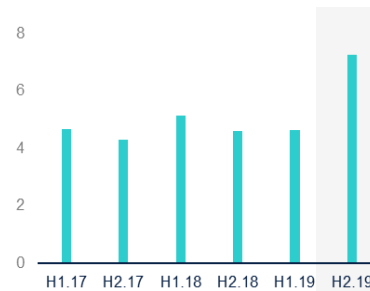
COPPER PRODUCTION (MILLIONS OF MT)



From the second half of 2019:

- Normalization of copper production
- Expansion of Toquepala will reach maximum capacity

IRON PRODUCTION (MILLIONS OF MT)

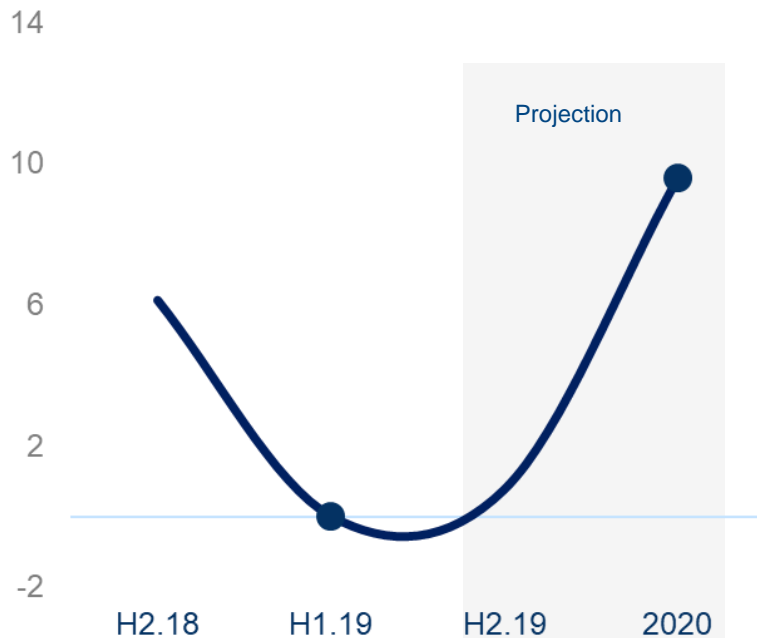


From the second half of 2019:

- Iron production normalizes
- Expansion of the mining unit in Marcona (Shougang)

4 Improved public investment performance

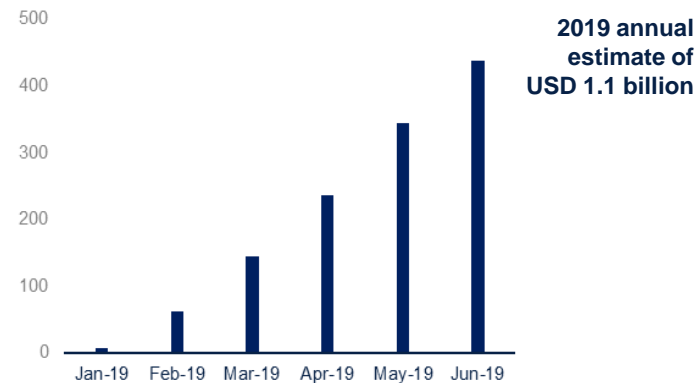
PUBLIC INVESTMENT*
(YOY CHANGE, %)



* Investment by central government and public companies

Source: BCRP, MEF and BBVA Research

EXPENDITURE ON RECONSTRUCTION IN THE NORTH OF THE COUNTRY
(ACCUMULATED, USD MILLIONS)



From the second half of 2019:

- Regional public investment will improve: the effect of the change in authorities is dissipating
- Accelerated expenditure on reconstruction in the north of the country
- Accelerated expenditure on infrastructure projects (Line 2 of the metro)

5 A more cautious business sentiment: assumption that the recent decline will not continue and current levels will be maintained

BUSINESS CONFIDENCE (POINTS)



Moderation due to:

- ↓ Uncertainty due to the external environment
- ↓ Low GDP growth rates
- ↓ Local political noise

This scenario will produce a higher growth rate in the second half of the year...

IMPROVEMENT COMPARED TO THE FIRST HALF DUE TO:

External scenario

- ↓ Slowdown in global growth and increased uncertainty
- ↑ Low interest rates

Local scenario

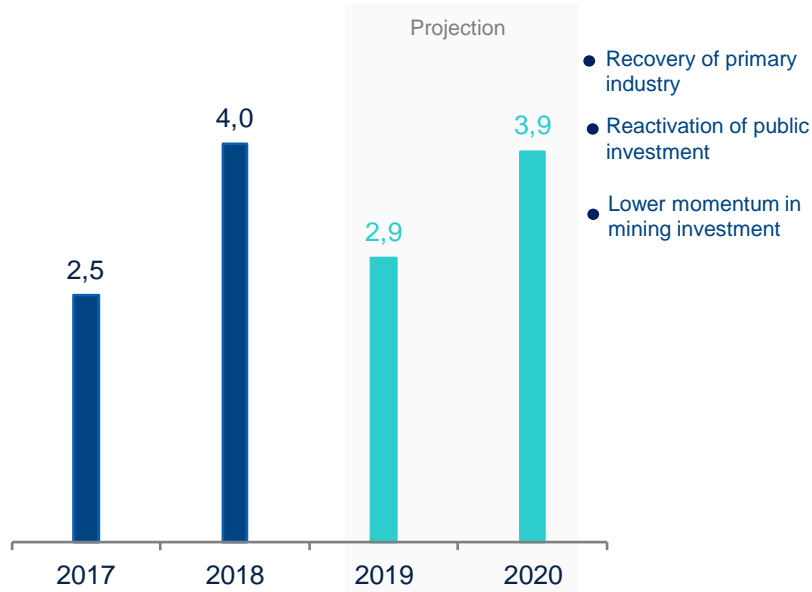
- ↑ Gradual recovery of mining production
- ↑ Improved performance of public investment
- ↓ A more cautious business sentiment

GDP (YOY CHANGE, %)

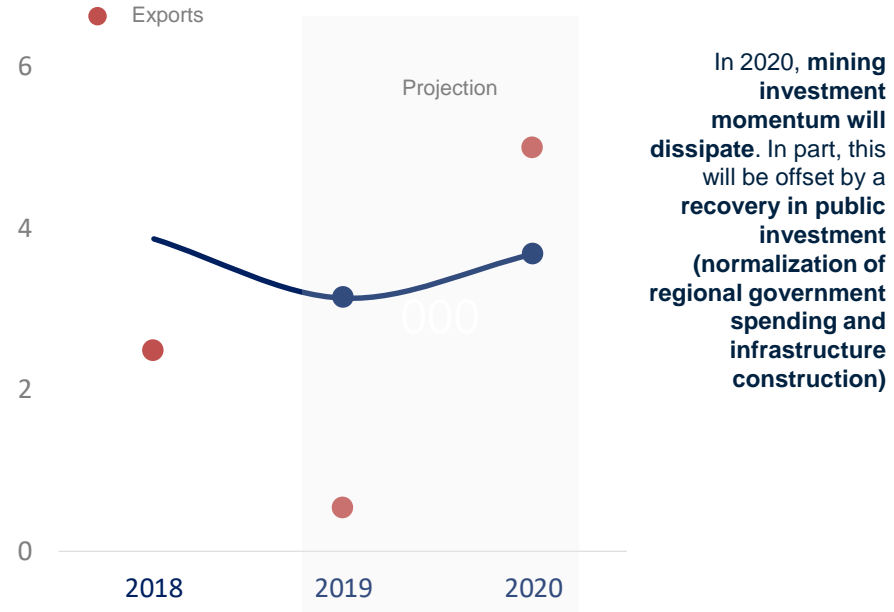


... and for the year, an expansion of 2.9% in 2019 and 3.9% in 2020

GDP (YOY CHANGE, %)



SALES ON THE LOCAL MARKET (DOMESTIC DEMAND EXCL. INVENTORY BUILD-UP, YOY CHANGE, %)



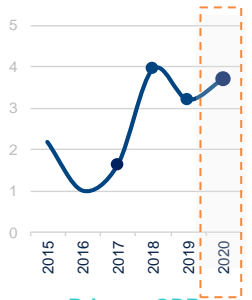
Domestic demand and primary industry will sustain growth in 2020

GDP: COMPONENTS SELECTED BY EXPENDITURE SIDE AND BY INDUSTRY SIDE (IN REAL TERMS, YOY CHANGE, %, 2019 AND 2020 PROJECTIONS)

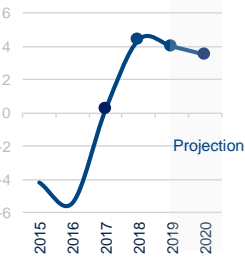
Expenditure-side GDP



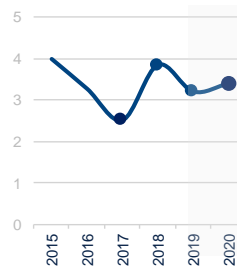
Sales in the local market*



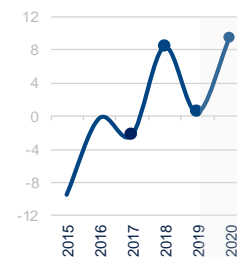
Private investment



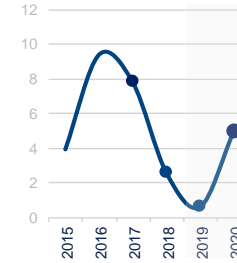
Private consumption



Public investment



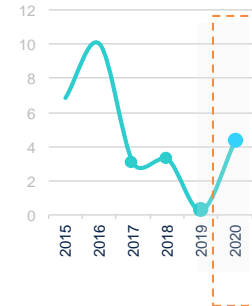
Exports



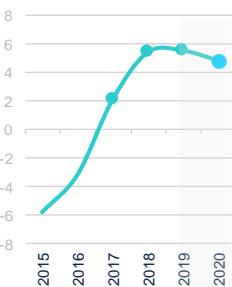
Industry-side GDP



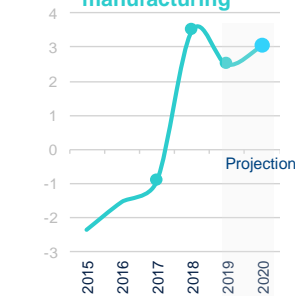
Primary GDP



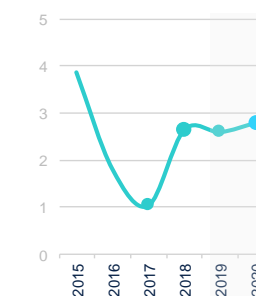
Construction



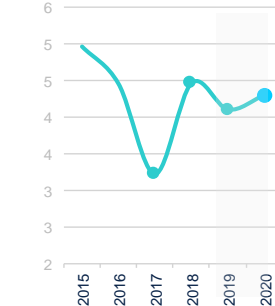
Non-primary manufacturing



Commerce



Services



* Corresponds to domestic demand, but excludes inventory build-up.

Source: BCRP and BBVA Research

Main risks to the forecast baseline scenario

External

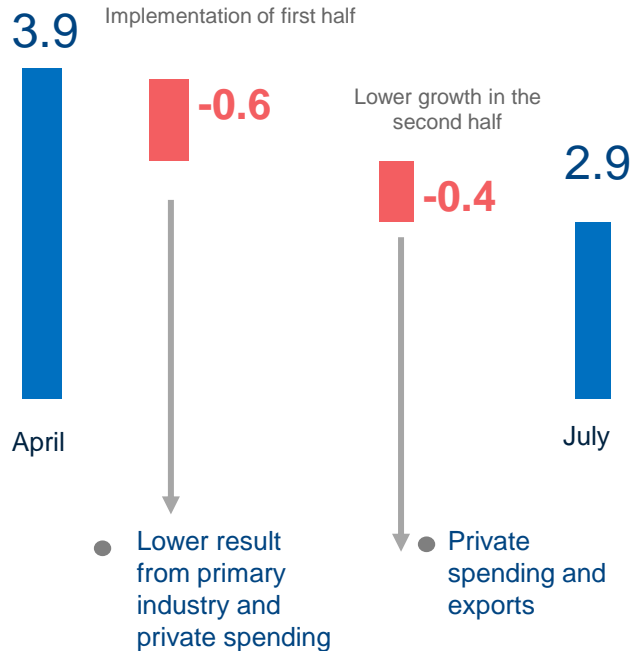
- ↓ Escalating trade tensions between the US and China
- ↓ US economic downturn
- ↓ Disorderly adjustment of Chinese imbalances

Local

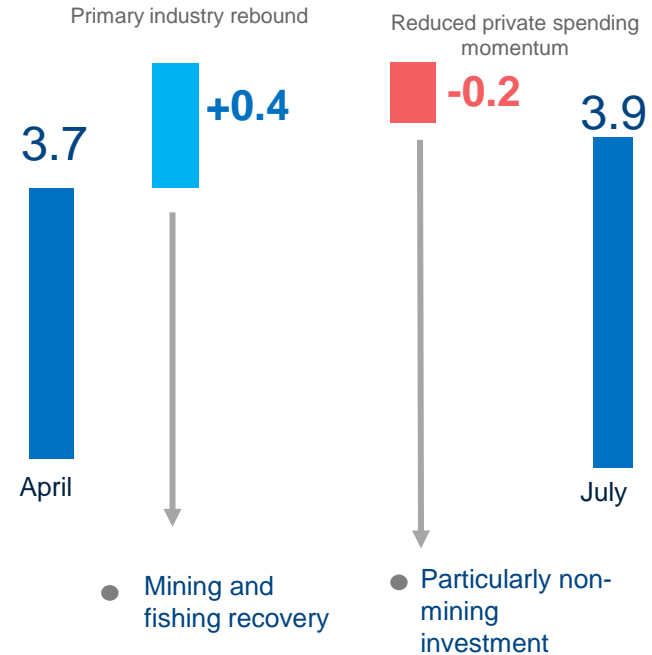
- ↓ Slower recovery of primary industry (mining and fishing)
- ↓ Further weakening of business confidence due to a potential increase in political noise and an escalation of social conflicts, for example
- ↓ Less progress than predicted in public investment

Revised growth forecast for 2019 and 2020

2019 GDP (YOY CHANGE, %)



2020 GDP (YOY CHANGE, %)



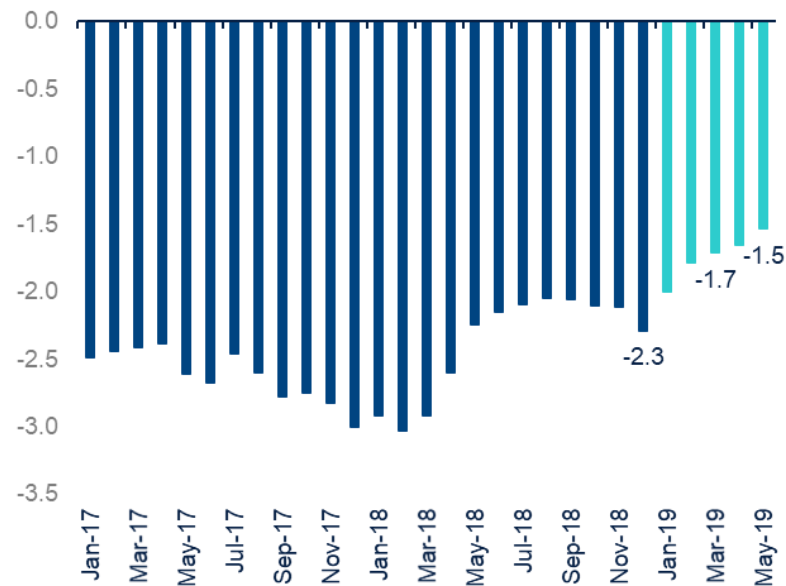
02

Fiscal and external accounts

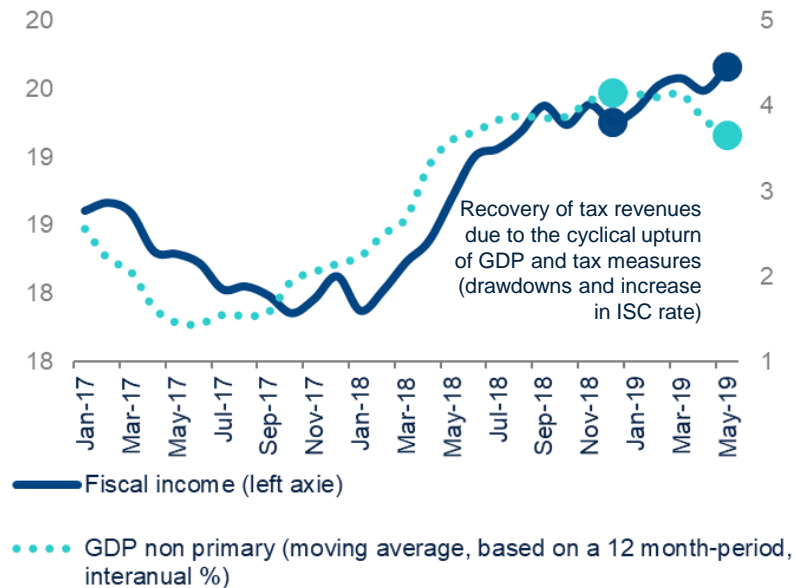
Fiscal and external strength are maintained, supporting perceptions about the Peruvian economy

The fiscal deficit reduced as a result of higher tax revenues

FISCAL RESULT OF THE NON-FINANCE PUBLIC SECTOR (ACCUMULATED OVER LAST 12 MONTHS, % OF GDP)



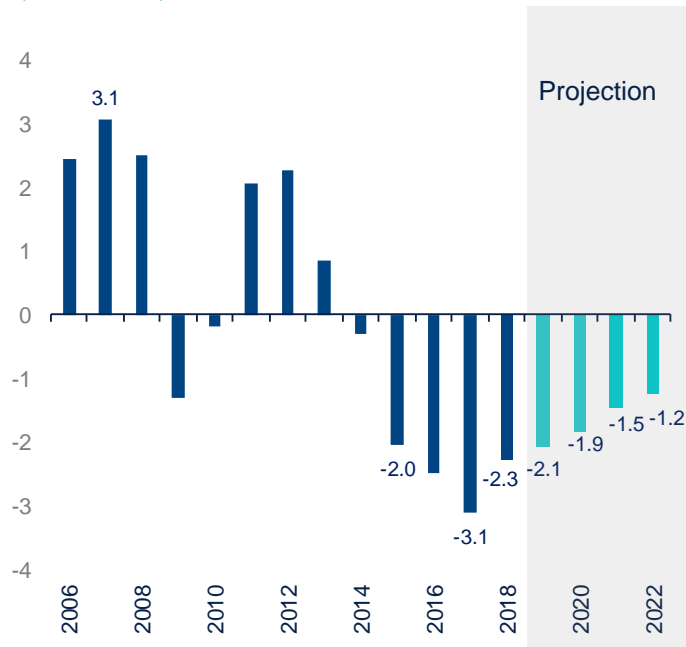
TAX REVENUES* (ACCUMULATED OVER LAST 12 MONTHS, % OF GDP)



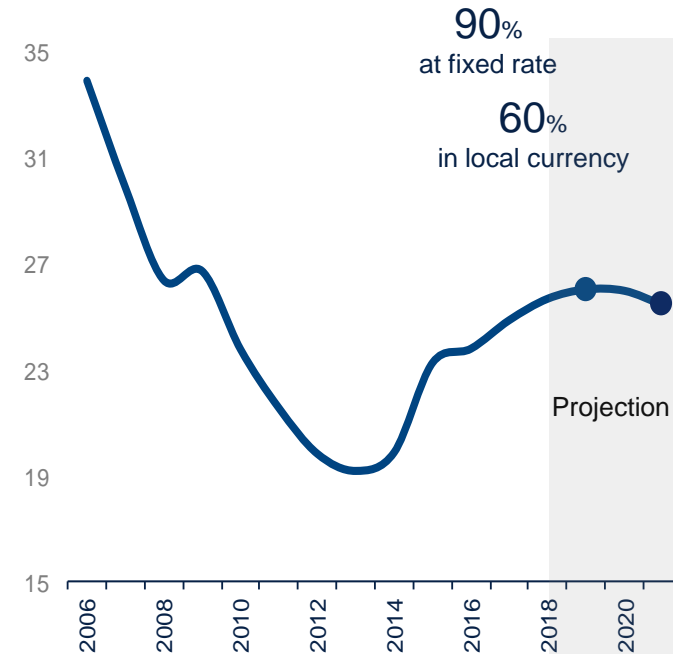
*Central government revenues

We predict a continuation of the fiscal consolidation process that began in 2018, with a deficit of below 2% of GDP from 2020

FISCAL BALANCE*
(% OF GDP)



PUBLIC DEBT
(% OF GDP)



*Non-finance public sector.

Source: BCRP and BBVA Research

Strong fiscal position: one of the factors that explains the approval of the credit rating and the recent issue of bonds at low rates

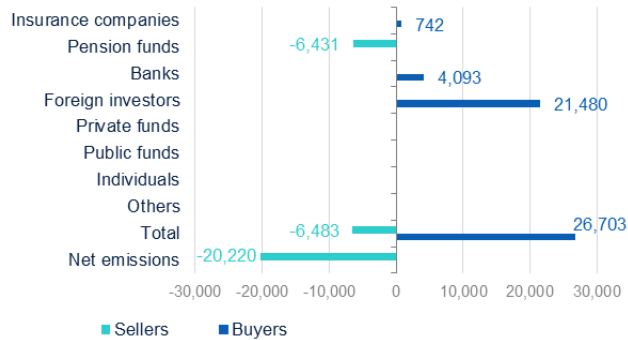
Moody's approves Peru's A3 credit rating

- The agency highlights the Peruvian economy's strength to resist the recent adverse shocks, the favorable medium-term growth outlook and the responsible handling of the fiscal policy in recent years.
- Peru is the only country in the region with an investment grade that has maintained its credit rating and stable outlook with the three main risk rating agencies.
- In June 2018 and March 2019, Standard and Poor's and Fitch Rating both kept the Peru rating at BBB + with a stable outlook.

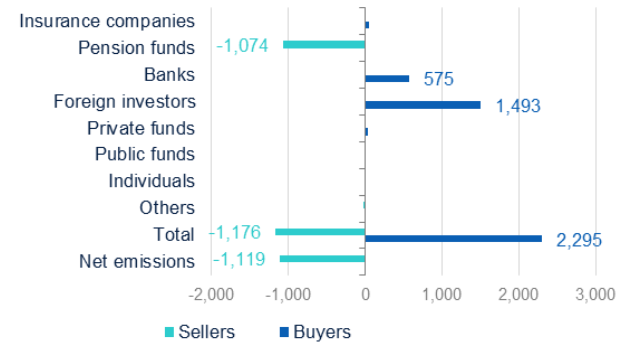
- In June, the Ministry of Economy and Finance ran a successful international bond issue for USD 2.5 billion, with the aim of exchanging and repurchasing global bonds and partially pre-financing the 2020 fiscal year.
- A new sovereign bond was issued (2034) for PEN 5.8 billion (USD 1.75 billion), at a coupon rate of 5.40%, the lowest recorded in PEN by the country in an international issue. Demand exceeded the offer by a factor of 3 to 1.
- A new global bond was also issued (2030), for USD 750 million, at a coupon rate of 2.84%, the lowest recorded in USD by the country in an international issue. Demand exceeded the amount offered by more than five times.

In general, the appetite for sovereign bonds has been maintained

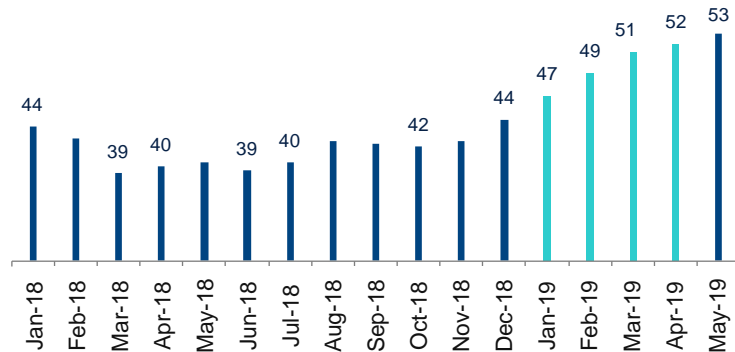
SOVEREIGN BOND SALES AND PURCHASES MAY/18 vs MAY/19 (PEN THOUSANDS)



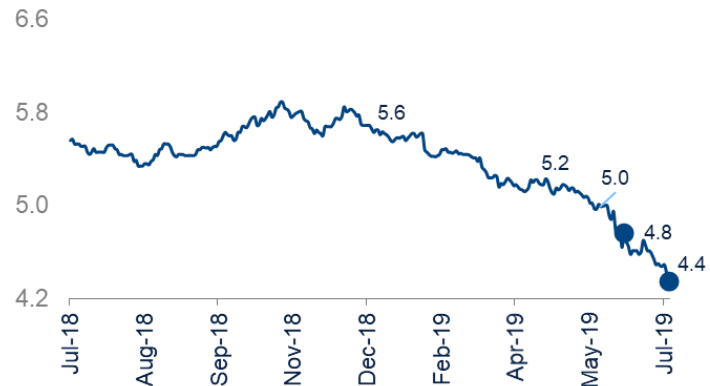
SOVEREIGN BOND SALES AND PURCHASES APR.19 vs MAY.19 (PEN THOUSANDS)



HOLDINGS OF SOVEREIGN BONDS BY FOREIGNERS (%)

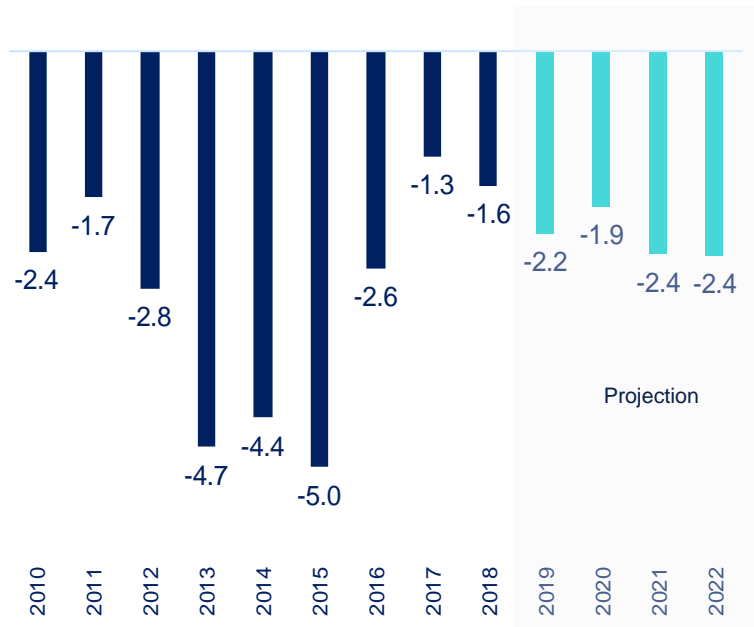


2028 SOVEREIGN BOND YIELD (%)



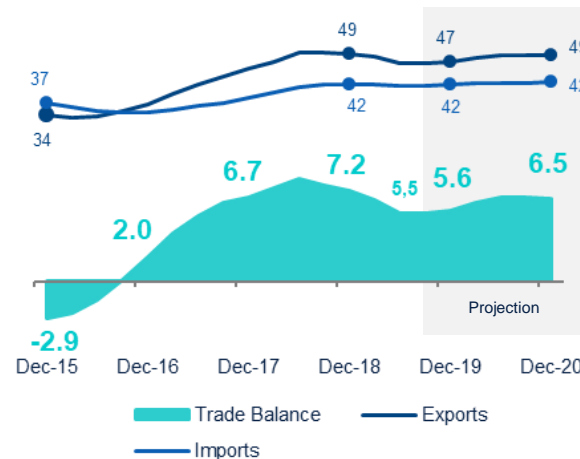
External accounts: a limited and sustainable deficit in the balance of payments current account due to trade surplus

BALANCE IN THE BALANCE OF PAYMENTS CURRENT ACCOUNT (% OF GDP)



TRADE BALANCE

(USD BILLIONS, ACCUMULATED OVER THE LAST FOUR QUARTERS)



Along the forecast path...



Increased mining production
Drop in the oil price



Drop in metal prices

03

Foreign exchange market

The exchange rate has shown moderate volatility in recent months. We predict that it will be between 3.25 and 3.30 by the end of 2019 and 2020

The PEN has shown moderate volatility so far this year, despite external noise

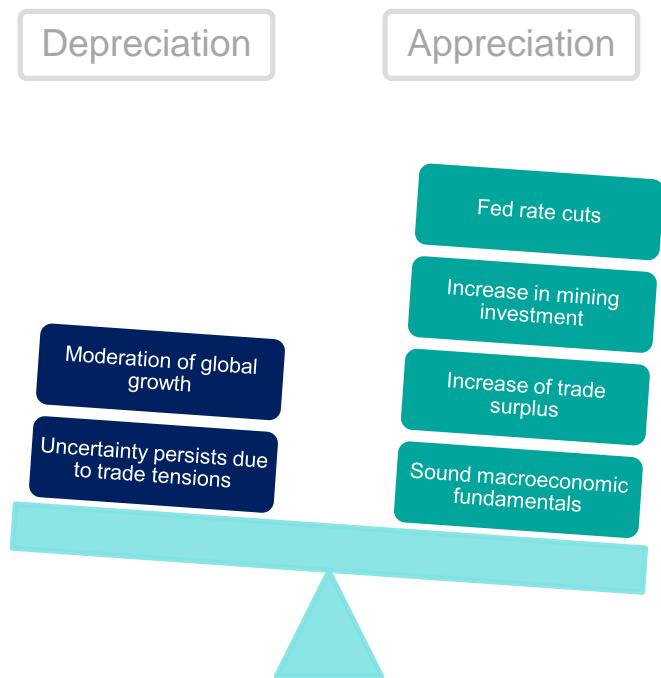
EXCHANGE RATE (USD/PEN)



Source: Bloomberg and BBVA Research

- Exchange rate volatility due to external factors:
 - Escalation of trade tensions
 - FED more *dovish*
- Capital influxes have impacted favorably on the PEN: appetite for sovereign bonds from non-resident investors due to the relatively favorable fiscal position

Looking ahead, the PEN will appreciate moderately. The exchange rate would be between 3.25 and 3.30 by the end of 2019 and 2020



EXCHANGE RATE
(USD/PEN, MONTHLY AVERAGE)



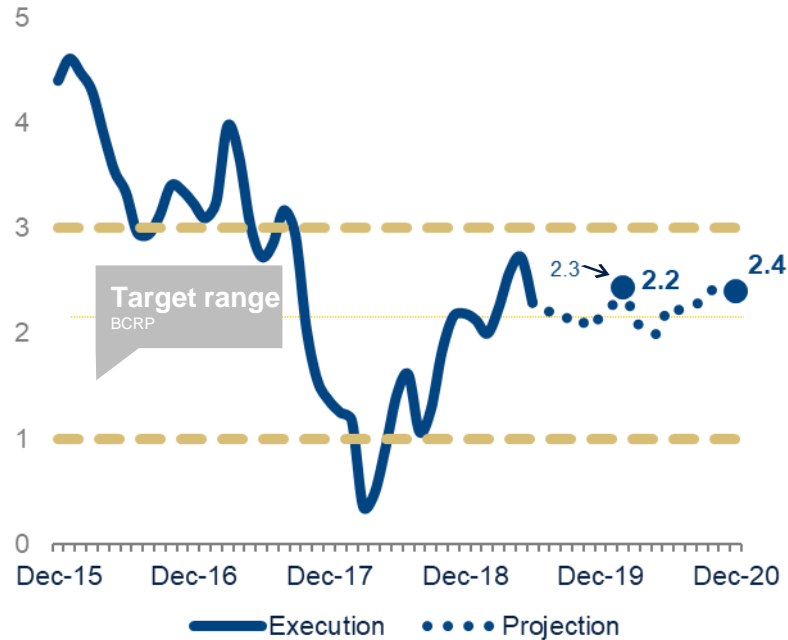
04

Inflation and monetary policy

In an environment without inflationary pressure, a slowdown in growth and a decline in confidence indicators, we are forecasting a preventive cut of the reference rate in the third quarter

Environment without pressure on prices will be maintained going forward

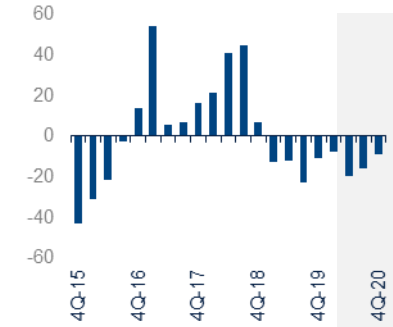
TOTAL INFLATION (YOY CHANGE OF CPI, %)



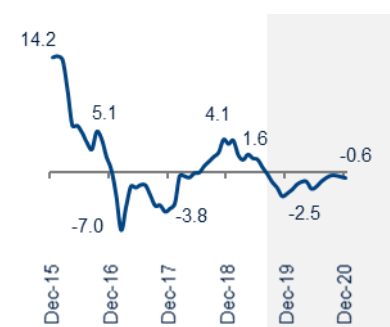
Source: INEI, BCRP and BBVA Research

FACTORS THAT WILL INFLUENCE INFLATION

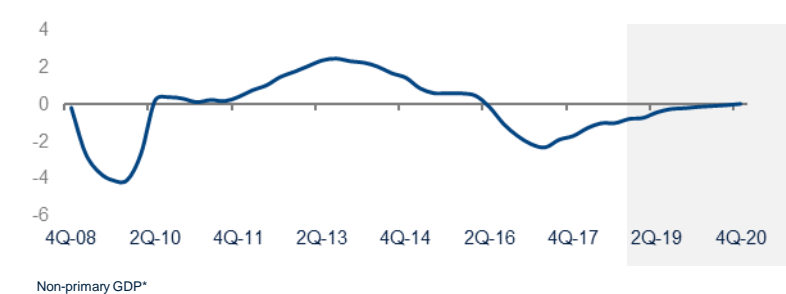
OIL PRICE (YOY CHANGE, %)



EXCHANGE RATE (YOY CHANGE, %)



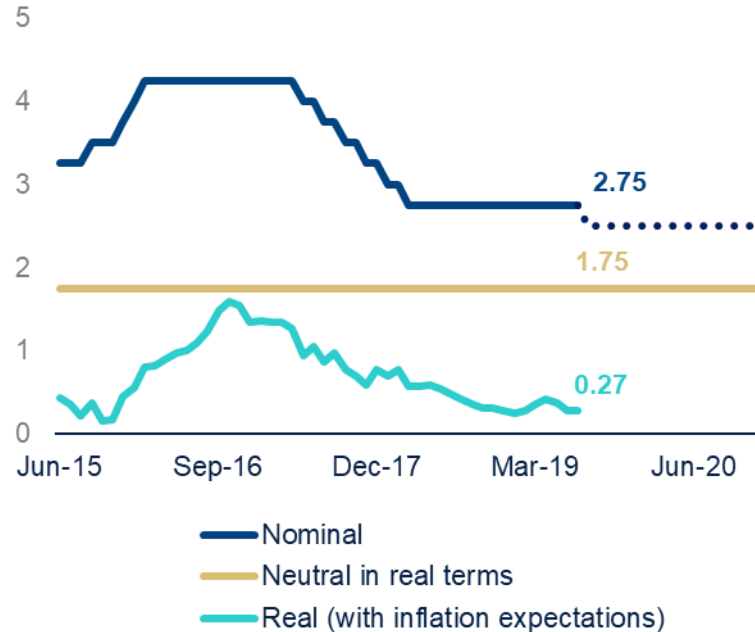
OUTPUT GAP* (% OF POTENTIAL GDP)



Preventive rate cut in Q3/19 due to weakening of private spending indicators and limited inflationary pressure

REFERENCE INTEREST RATE

(%)



- Household spending indicators weakened during the first few months of the year
- Business confidence has plummeted. Risk that it will continue falling
- Limited inflationary pressure
- In July, the central bank skewed its forecast for domestic demand and inflation downward, which meant a similar trajectory for the reference interest rate

BBVA Research: baseline scenario is consistent with preventive rate cut (25 bps, at 2.50%) in the third quarter.
Further cuts? Will depend on changes to spending indicators

06

Summary of macroeconomic projections

Macroeconomic projections

TABLE 1
PERU | MACROECONOMIC PROJECTIONS

	2012	2013	2014	2015	2016	2017	2018	2019 (f)	2020 (f)
GDP (% chge.)	6.0	5.8	2.4	3.3	4.0	2.5	4.0	2.9	3.9
Domestic demand (excludes invent., % chge.)	9.8	6.4	2.4	2.3	1.3	1.7	3.9	3.1	3.7
Private spending (% chge.)	6.5	7.2	2.1	2.3	1.3	1.8	4.5	3.3	3.3
Private consumption (% chge.)	7.4	5.7	3.9	4.0	3.7	2.6	3.8	3.2	3.4
Private investment (% chge.)	15.6	7.1	-2.2	-4.2	-5.4	0.2	4.4	3.9	3.5
Public spending (% chge.)	11.6	8.1	3.1	4.5	0.3	-0.1	3.4	2.2	5.0
Public consumption (% chge.)	8.1	6.7	6.0	9.8	0.3	0.5	2.0	2.9	3.2
Public investment (% chge.)	19.5	11.1	-2.7	-6.9	0.3	-1.8	6.8	0.5	9.6
Exchange rate (vs. USD, eop)	2.57	2.79	2.96	3.38	3.40	3.25	3.37	3.28	3.26
Inflation (YoY %, eop)	2.6	2.9	3.2	4.4	3.2	1.4	2.2	2.2	2.4
Policy Interest rate* (% eop)	4.25	4.00	3.50	3.75	4.25	3.25	2.75	2.50	2.50
Fiscal Balance (% GDP)	2.3	0.9	-0.3	-1.9	-2.3	-3.0	-2.3	-2.1	-1.9
Balance of payments: current account (% of GDP)	-2.8	-4.7	-4.4	-5.0	-2.6	-1.3	-1.6	-2.2	-1.9
Exports (billions of USD)	47.4	42.9	39.5	34.4	37.1	45.4	49.0	47.2	48.7
Imports (billions of USD)	41.0	42.4	41.0	37.3	35.1	38.7	41.9	41.6	42.1

(f) Forecasts.

Closing date for forecasts: July 15, 2019

Source: BCRP and BBVA Research Peru

Disclaimer

This document, prepared by the BBVA Research Department, is for information purposes only and contains data, opinions and estimates that current as of the publication date. They are the result of the department's own research, or are based on sources believed to be reliable, but have not been independently verified by BBVA. Therefore, BBVA offers no warranty, either express or implied, regarding their accuracy, completeness or correctness.

Any estimates contained in this document have been made in accordance with generally accepted methods and are to be taken as such, i.e. as forecasts or projections. Results obtained in the past, whether positive or negative, are no guarantee of future performance.

This document and its contents are subject to change without prior notice, depending on variables such as the economic context or market fluctuations. BBVA is not responsible for updating this content or for giving notice of such changes.

BBVA accepts no liability for any loss, direct or indirect, resulting from the use of this document or its contents.

Neither this document nor its contents constitute an offer, invitation or request to acquire, disinvest or obtain any interest in assets or financial instruments, nor can they form the basis of any contract, undertaking or decision of any kind.

With particular regard to investment in financial assets that could be related to the economic variables referred to in this document, readers should note that under no circumstances should investment decisions be made based on the contents of this document; and that any persons or entities who may potentially offer them investment products are legally obliged to provide all the information they need to make such decisions.

The contents of this document are protected by intellectual property laws. The reproduction, processing, distribution, public dissemination, provision, excerpting, reuse, forwarding or use of the document in any way and by any means or process is expressly prohibited, except where legally permitted or expressly authorized by BBVA.

This report has been prepared by:

Chief Economist

Hugo Perea
hperea@bbva.com

Vanessa Belapatino
Economist
vanessa.belapatino@bbva.com

Marlon Broncano
Economist
marlon.broncano@bbva.com

Yalina Crispin
Senior Economist
yalina.crispin@bbva.com

Francisco Grippa
Principal Economist
fgrippa@bbva.com

Ismael Mendoza
Senior Economist
ismael.mendoza@bbva.com

Hugo Vega
Senior Economist
hugo.vega@bbva.com