

The logo for BBVA Research, featuring the word "BBVA" in a bold, white, sans-serif font, followed by the word "Research" in a smaller, lighter weight of the same font. A small teal square is positioned to the right of the word "Research".

**BBVA** Research

# Colombia Economic Outlook

## 3Q18

Colombia Unit

July 2018

Creating Opportunities

# Key messages

- We are expecting GDP growth to accelerate from 1.8% in 2017 to 2.6% in 2018 and 3.3% in 2019. Private consumption will be one of the pillars of economic recovery. Growth will increase from 1.8% in 2017, to 2.8% in 2017 and 3.6% in 2018. Public consumption will grow above the rate of GDP growth in 2018 for the second year in a row. That will not be the case in 2019, when it will grow less than GDP
- Investment will rise in 2018 under GDP (0.3% annual) due to the negative contribution by building construction. Then, in 2019, with construction in positive territory thanks to construction work on the fourth generation of infrastructure and the reactivation of the housing sector, investment will grow by 5.6% per year
- Potential growth in Colombia, which is estimated at 3.5% over 10 years, as well as any additional improvements, will depend on increases in productivity: infrastructure, formality, digitisation and diversification of exports by strengthening agroindustries

## Contents

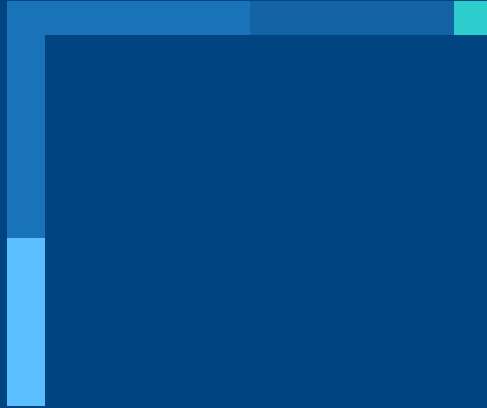
**01** Global context

**02** Financial markets, Colombia

**03** After the adjustment comes the recovery

**04** Growth projections

**05** Challenges and pending reforms for the new government



# 01

## Global context

# Global growth continues, but risks are intensifying

01



The pace of global expansion is being maintained, but is less synchronised

Growth is robust in the US due to the fiscal stimulus and stable in China, but it has been reduced in Europe

04



Different pace of monetary normalisation in Europe and the United States

Strengthening of the dollar and tightening of global financial conditions

02



Increased protectionism

At the moment, its impact on growth is limited, but it could be greater if the measures under discussion were to be implemented

05



More volatility in emerging markets

Increased financial tensions due to increased financing costs and protectionist threats

03



Increase in the price of oil

Higher inflation and drag on growth in oil-importing countries

06



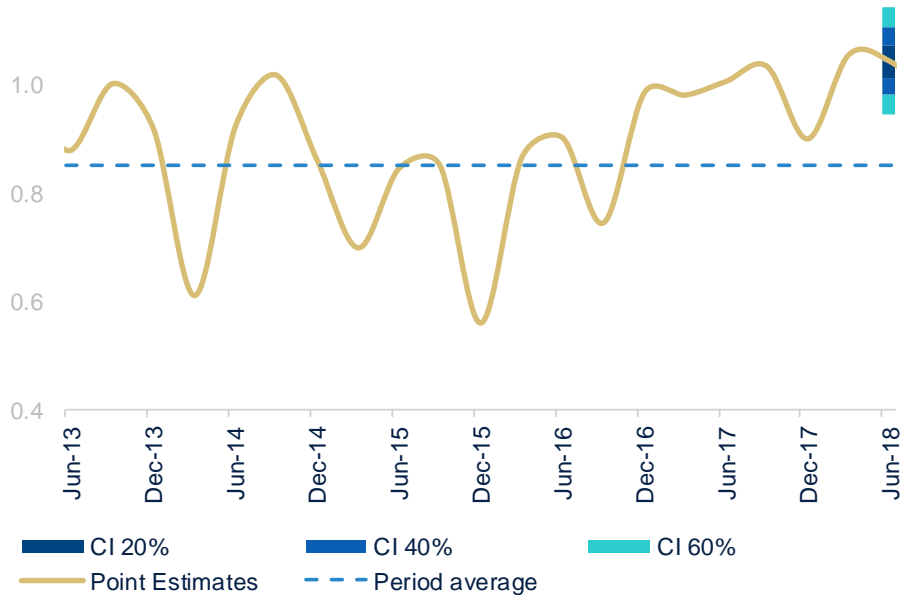
Global risks are intensifying

The possibility of a trade war comes together with greater risks in emerging economies and in Europe

# Robust global economy despite growing uncertainty

## World GDP growth

(Forecasts based on BBVA-GAIN, % QoQ)

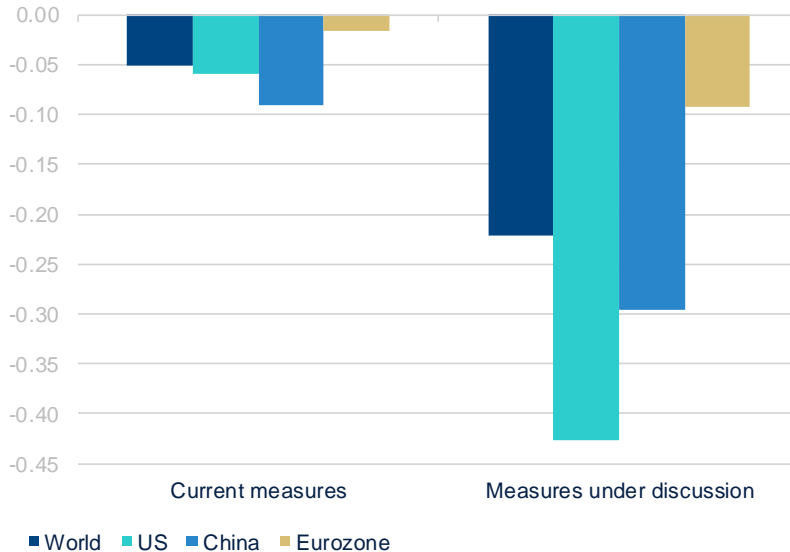


- Global growth continues, supported by private consumption and investment, but with growing differences by region
- World trade continues to show a positive trend, although it is losing momentum and still does not reflect the protectionist escalation
- Confidence indicators show some moderation, but remain at high levels

# Limited effect of approved tariff increases, but significant if those being discussed are implemented

## Effect on GDP growth of US tariff increases and the response by other countries

(2018-19, pp)



Measures announced: tariff increase to 25% on steel, 10% on aluminium and 25% on Chinese imports for a value of US\$50 billion.

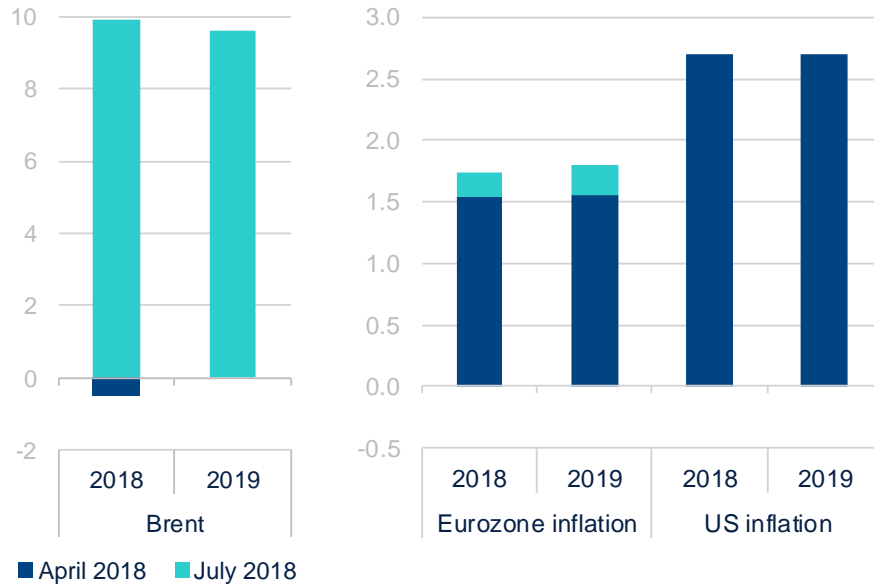
Measures under discussion: Tariff increases up to 20% on cars and Chinese imports for a value of US\$200 billion.

Source: BBVA Research

- The tariff increases approved by the US would have a limited direct impact. Indirect effects, via economic confidence and financial channel, could be felt in 2H18
- With a protectionist escalation, the negative effect on growth would also be significant in the US
- The effect, smaller in Europe, would differ by country and would, above all, affect Germany and the countries in Eastern Europe
- The growth of global GDP could be reduced by around 0.2 pp just due to the trade channel

# The rise in the price of oil will push inflation upwards and could weigh down growth

## Upward revision of the price of oil and inflation (%)



- The increase is due to a **reduction in supply**. The price will remain relatively stable in 2018 and 2019
- **Higher inflation in the euro zone**, although below the target, while **core inflation will increase gradually from very low levels**
- In the **USA** the impact will be lower, but **inflation will remain above the target in 2018-19**
- The exit strategy of the Fed and the ECB is reinforced



# Fed and ECB return to conventional monetary policy each at a different pace



## Assessment

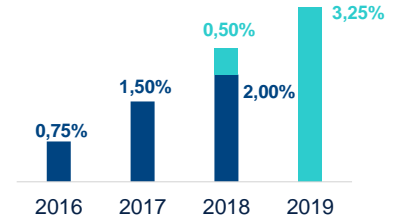


## Interest rates



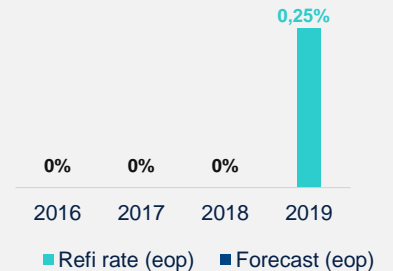
- Reduction of US\$450 billion in 2018

- The pace of rate hikes accelerates in 2018



- Gradual ending of QE between September and December 2018

- Delay in rate hikes until September 2019



# The strength of the US dollar and higher interest rates are causing an adjustment in emerging markets

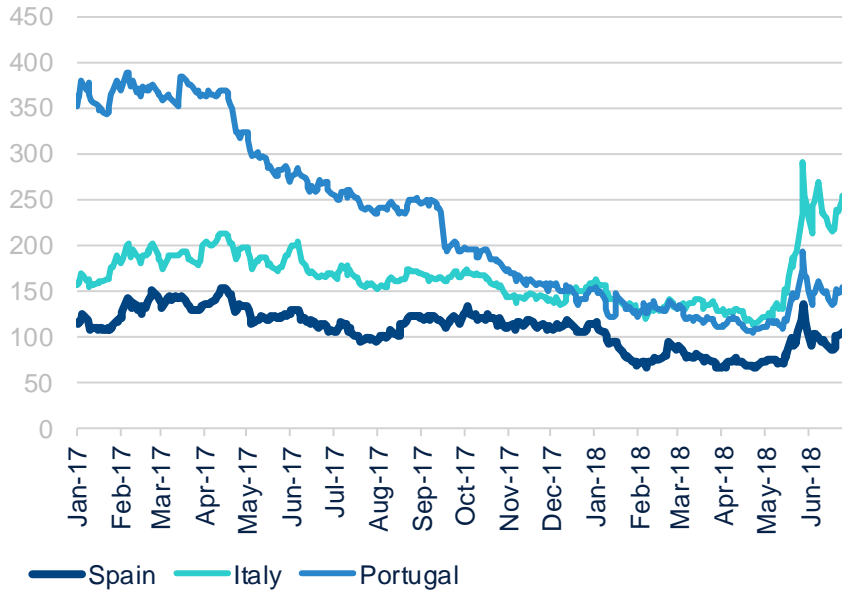
## EUR-USD exchange rate and BBVA index of financial tensions in emerging markets



- The most vulnerable countries are those with the greatest trade deficit and the greatest need for external financing
- Shift towards a tightening of monetary policy in emerging countries (except China) to avoid further depreciation of their currencies
- The increase in financial tensions also reflects the intensification of the trade dispute

# Political uncertainty in Italy and Germany weakens the euro and raises peripheral risk premiums

## Risk premium in Italy, Spain and Portugal (bps)

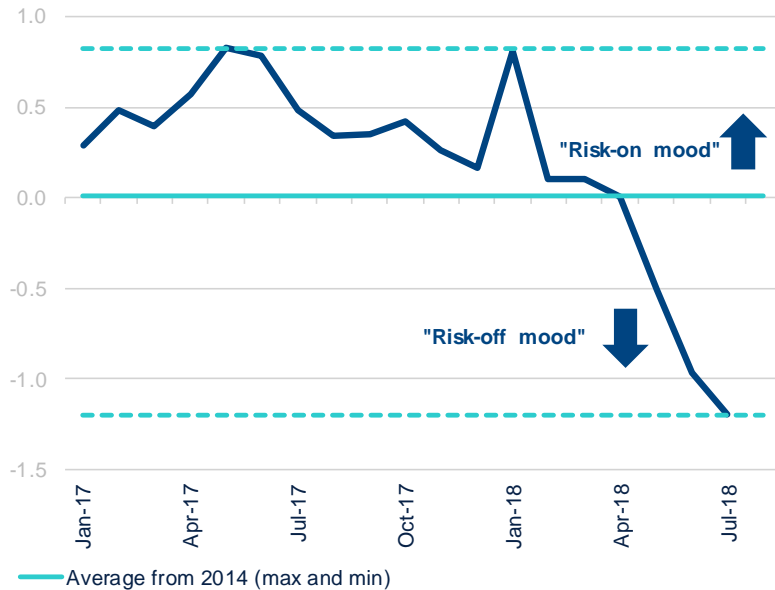


Source: BBVA Research based on Bloomberg

- The reappearance of risk in the periphery is linked, above all, to the political uncertainty in Italy, which is slowing the progress towards European integration
- Although the Italian risk premium was raised significantly, the contagion to the rest of the countries in the periphery was moderate...
- ...which did not prevent a refuge effect on German and US bonds and a sharp depreciation of the euro

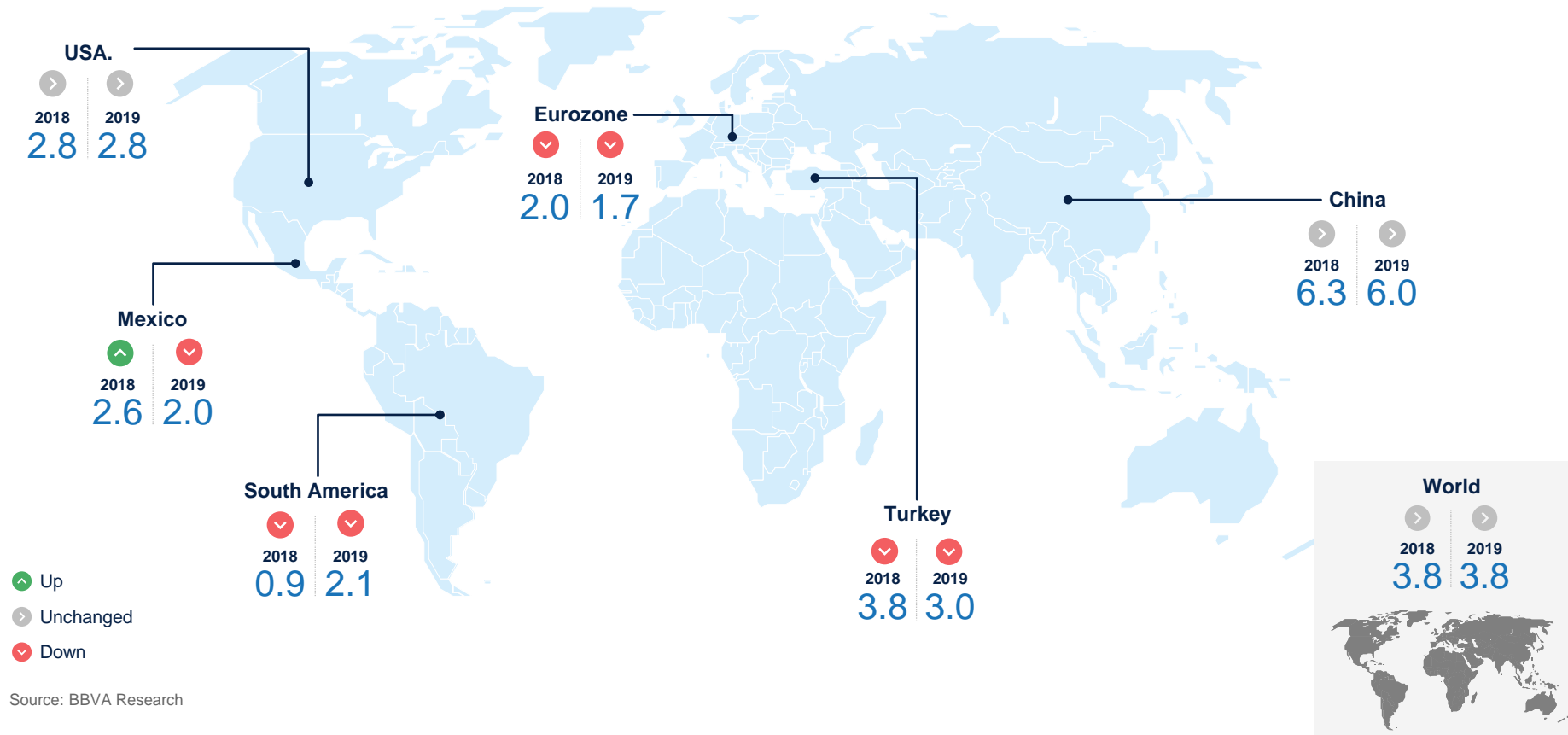
# Protectionism and political factors lead to a growing risk aversion

## Risk appetite/aversion indicator



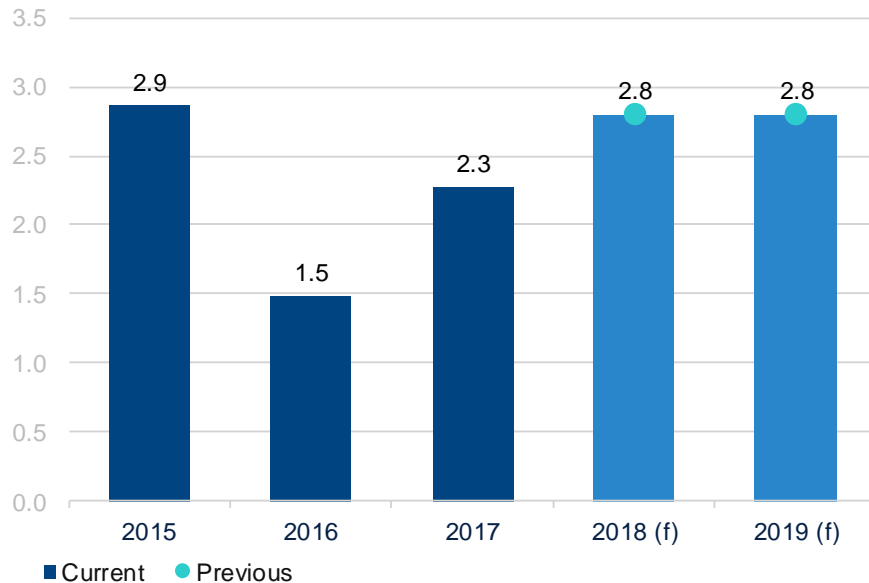
- Investor sentiment has shifted from a framework of risk-taking (and even a certain complacency) to one of **risk aversion**
- The change is causing a **rotation of flows between assets**: from emerging markets to developed ones, and from equities to bonds
- Trade tensions** could lead to an environment of flight **towards quality**

# Stable growth in the US, but a slowdown in other areas



# US: Growth supported by fiscal stimulus, but approaching the end of the expansive phase

## USA: GDP growth (% YoY)

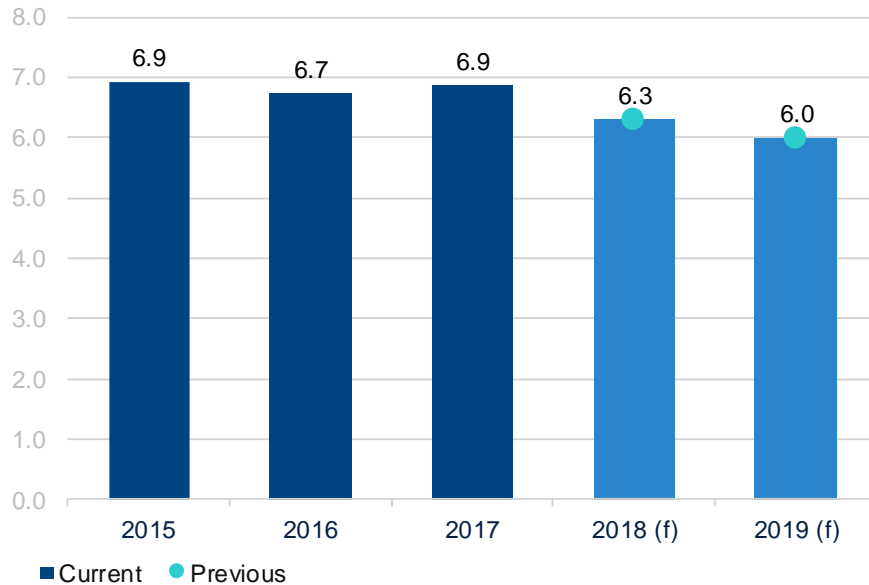


(f) Forecast.  
Source: BBVA Research based on BEA (Bureau of Economic Analysis) figures

- Growth has accelerated in the first half of the year, boosted by the fiscal stimulus and the improvement in the labour market
- Trade tensions could weigh down on production and global demand
- The absorption of the idle capacity of the economy foreshadows the end of the expansive phase of the cycle
- Inflation will temporarily exceed the Fed's target for higher energy prices, but inflation expectations remain anchored

# China: Mild moderation of growth thanks to greater stimuli

## China: GDP growth (% YoY)



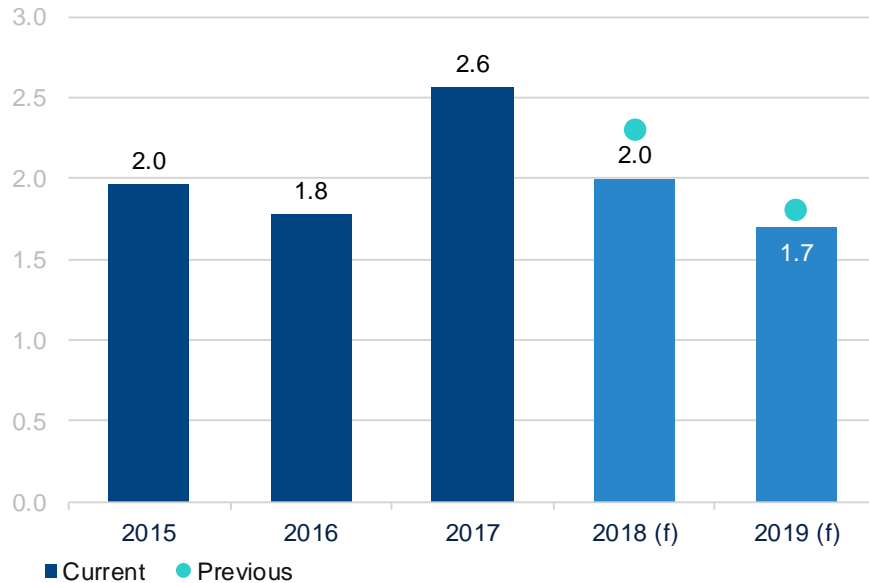
(f) Forecast.  
Source: BBVA Research based on CEIC data

- The slowdown in growth will continue in the second half of the year, although the data so far is somewhat more positive than expected
- Policies to tackle financial vulnerabilities continue, but are softened by fiscal and monetary stimulus measures to sustain growth
- Protectionism threatens the sustainability of exports, as well as the restructuring of the economy

# Eurozone: Rapid transition towards more moderate growth rates

## Eurozona: Crecimiento del PIB

(% a/a)

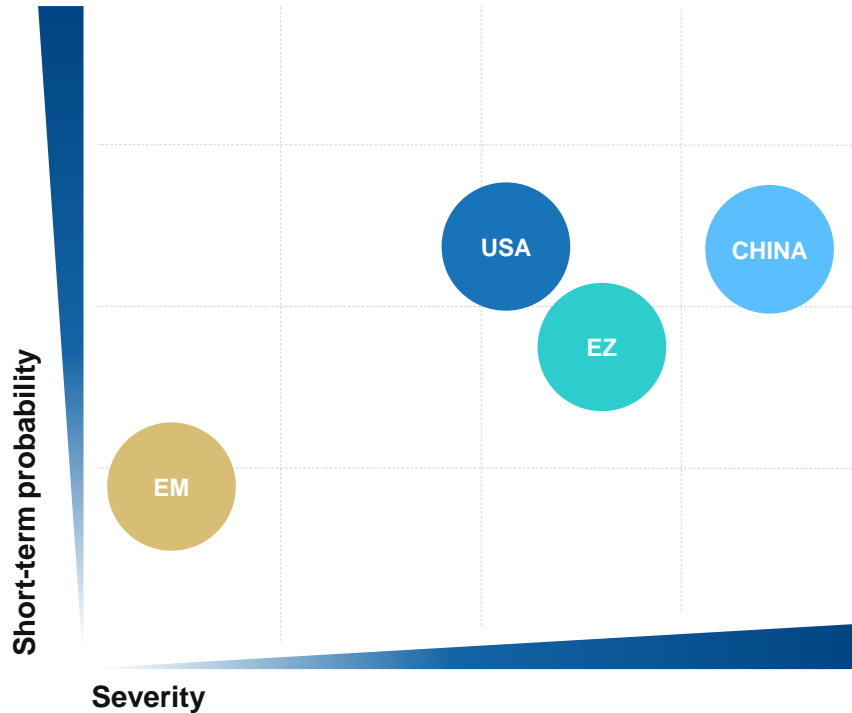


(f) Forecast.  
Source: BBVA Research based on Eurostat figures

- The increase in uncertainty and higher oil prices are having an impact on activity, but domestic demand remains solid
- The depreciation of the euro and global demand will continue to support exports
- Economic policies will be somewhat more accommodative: lower rates for longer periods and fiscal relaxation in some countries
- Despite the rebound of inflation in the short term, the underlying rate will only increase gradually, especially in 2019



# Global risks: The main one is a trade war, but also those associated with emerging economies and Europe are increasing



## CHINA

- **High indebtedness:** more contained but still high
- **Protectionism:** upwards (retaliation) with possible impact on domestic policies (financial stability, reforms)

## USA

- **Protectionism:** upwards
- **The Fed exit strategy:** high. Aggressive rate hikes in the face of a temporary increase in inflation
- **Signs of over-valuation of certain financial assets**

## EUROZONE

- **Political uncertainty:** on the upswing, led by Italy. Brexit: risk of a rough departure
- **Protectionism:** on the upside with a focus on the auto sector
- **Exit strategy by the ECB:** on the downside (delay of rate hikes)

## EMERGING ECONOMIES

- **Upward.** Global risks and domestic vulnerabilities in some countries are raising the risk of a systemic crisis

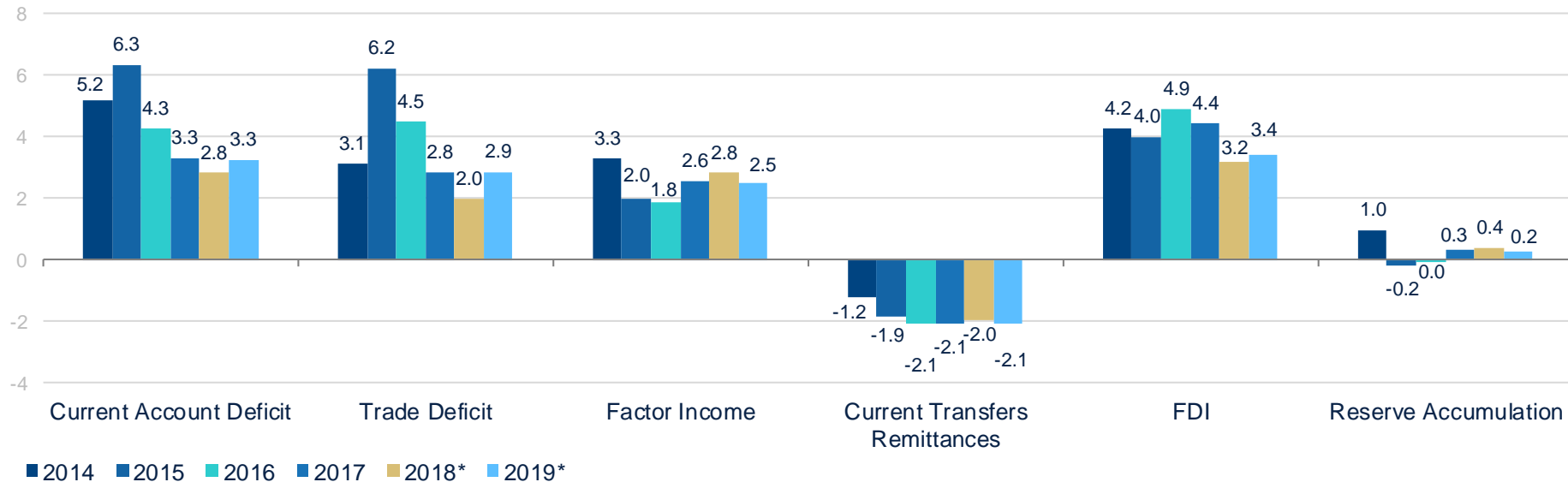


# 02

## Financial markets, Colombia

# The smaller current account deficit will be a strength for Colombia facing the possibility of increased global volatility

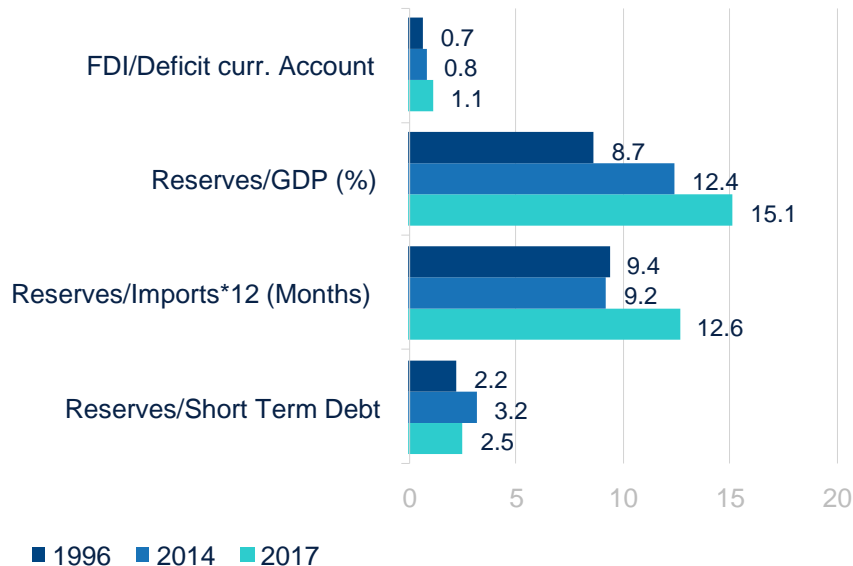
## Current account deficit (Index)



# In fact, Colombia's external indicators have improved positive

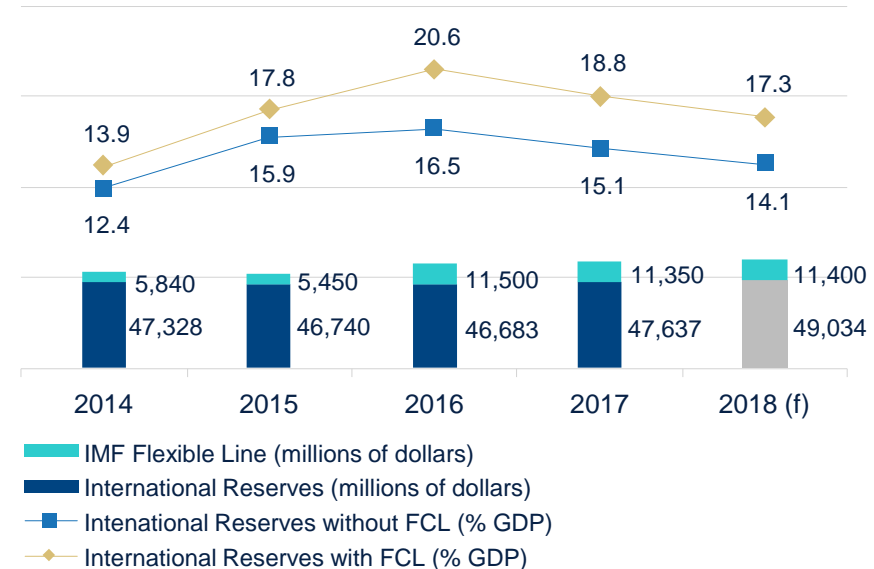
## External indicators

(Times, percentages)



## International reserves with flexible IMF line

(COP billions and % of the total)



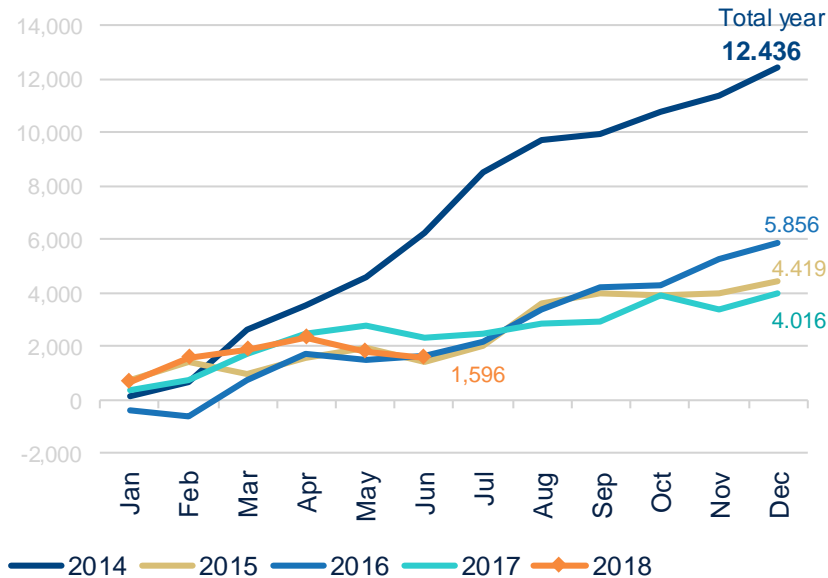
(f) Forecast.

Source: BBVA Research based on data from Banco de la República and the Ministry of Finance

# We are already seeing a slowdown in portfolio inflows

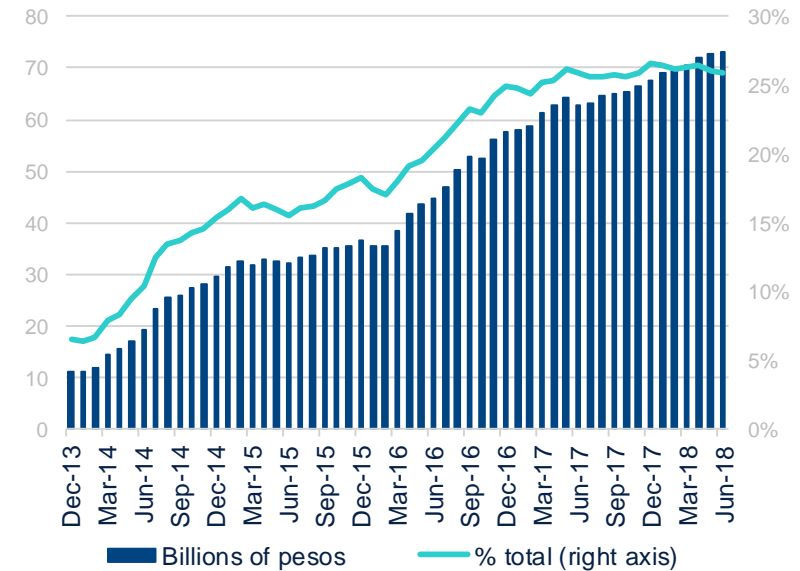
## Portfolio inflows

(Millions of dollars, data at 22 June 2018)



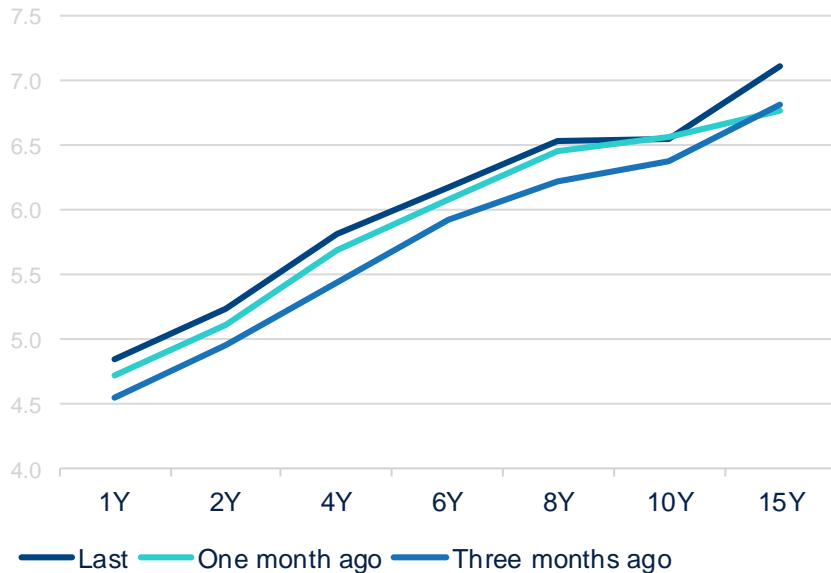
## Holdings of domestic public debt by foreigners

(COP billions and % of the total)



# The effect of the reduced portfolio inflows has been transmitted to the domestic public debt market

## Domestic public curve (Percentage)

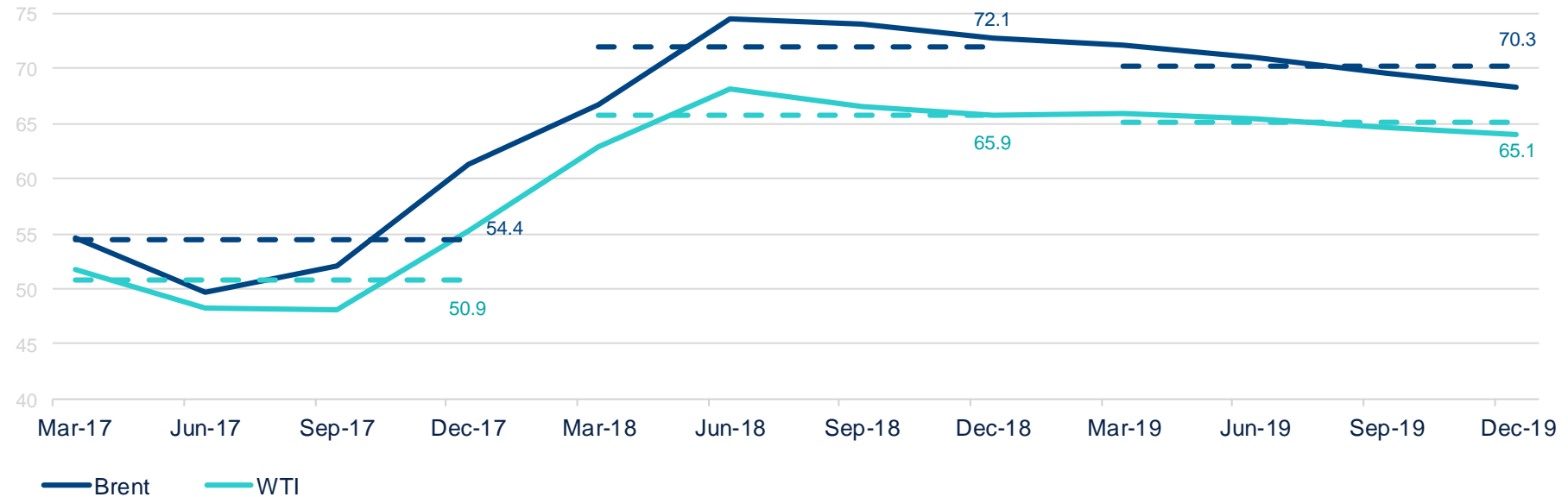


- The increase in interest rates on domestic public debt was accompanied by an **increase in country risk premiums**
- Nonetheless, on this occasion the Colombian market proved stronger than in the past, helped in part by improved oil prices

# We expect oil prices to be above their long-term level (estimated at US\$60 per barrel of Brent crude) in 2018 and 2019

## Oil prices

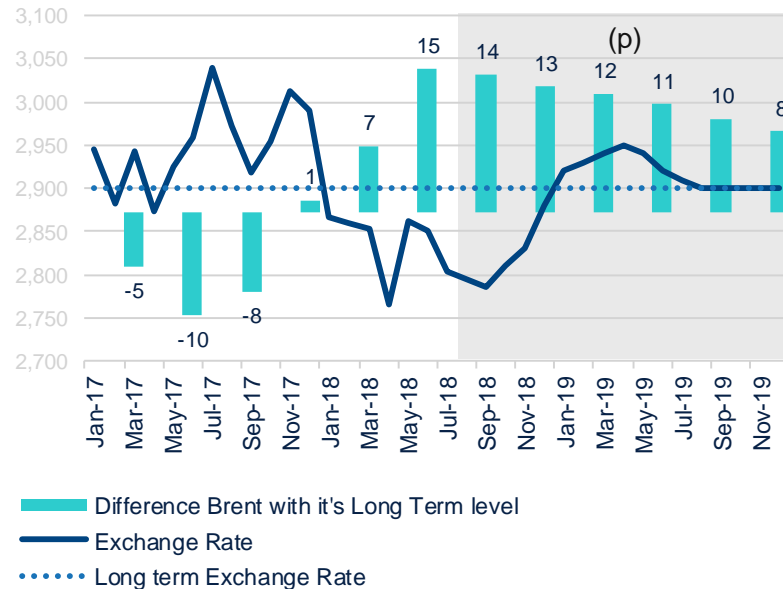
(Dollars per barrel)



# The COP will reach its equilibrium level (2,900) in 2019. In 2018 it will end below that level thanks to favourable oil prices

## Exchange rate and oil prices

(Pesos per dollar)



- Oil price differential relative to its estimated long-term level (L/T=US\$60 per barrel of Brent crude) increased in 2018
- In 2019, the reduction in the price of crude will support the exchange rate's move towards its equilibrium level
- The interest rate differential between Colombia and the US will support the depreciation of the COP until 2Q19. After that it will help it to approach its equilibrium level

(f) Forecast

Source: Forecasts of BBVA Research and observed data of Banco de la República and Bloomberg





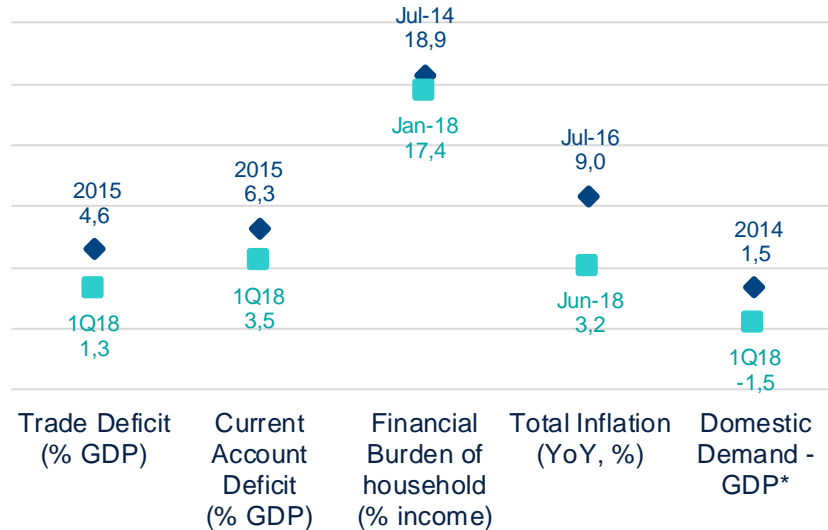
# 03

**After the adjustment  
comes the recovery**

# The Colombian economy transitioned through a phase of healthy and welcomed adjustment during the period 2014-2017...

## Adjustment of different variables in the economy

(Percentages of GDP, percentage of inflows and YoY %)



◆ Max. value after the oil shock ■ Last value

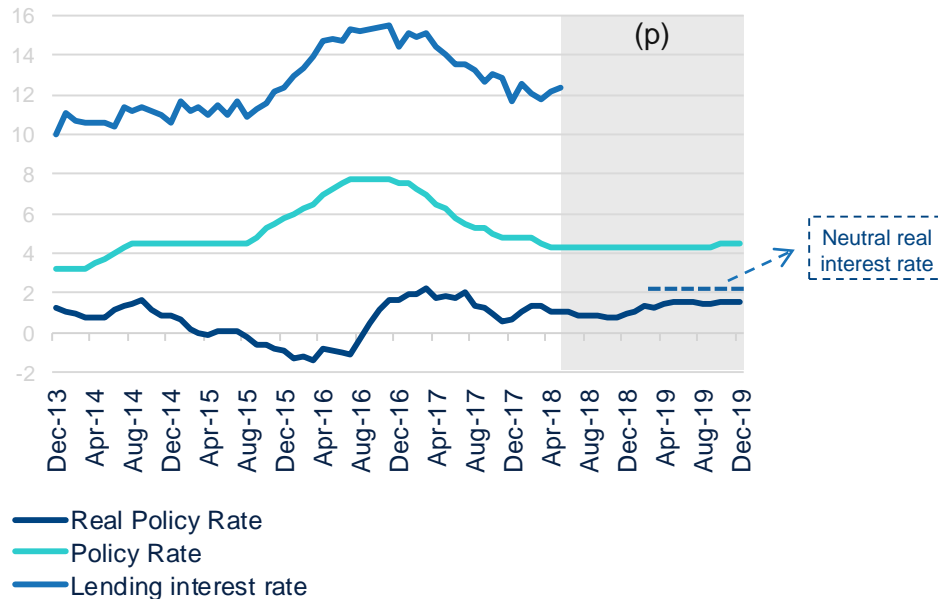
...the main improvements being:

- Narrowing of the current account deficit to levels closer to the long-term averages
- Reduced indebtedness of households and businesses, with businesses also improving efficiency
- Increased rate of savings thanks to domestic demand growing less than GDP

# The restrictive action of monetary policy played an essential role in the adjustment process...

## Market and policy interest rates

(%, nominal and real interest rates)



Source: BBVA Research based on data from DANE (National Statistics Department) and Banco de la República \*  
Arithmetical difference between the two growth rates

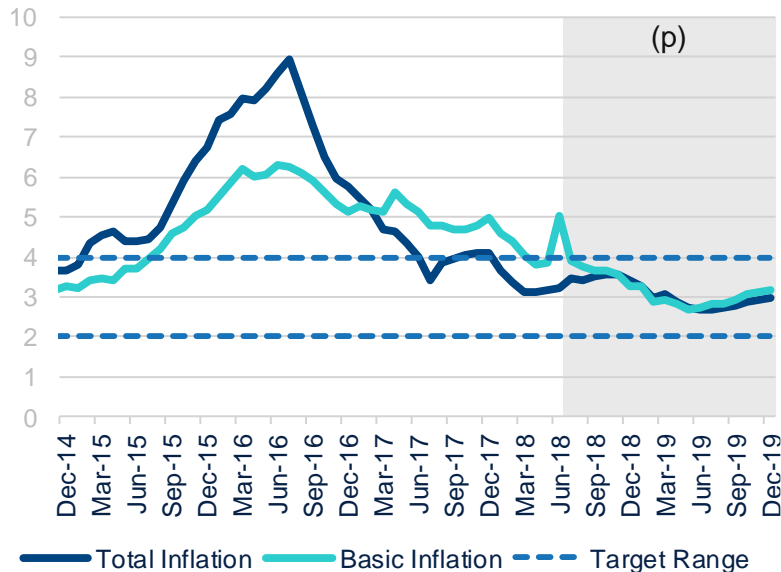
...and, going forward, it will be decisive for the cycle of economic recovery:

- BanRep (central bank) interest rate has transmitted almost completely to market rates
- BanRep' expansive stance (with a real rate below the neutral rate) will be maintained for at least three more years

# The central bank's expansive stance was possible thanks to the adjustment in prices, slowly returning to the target range of between 2% and 4%

## Headline and core inflation rates

(Annual change, %)

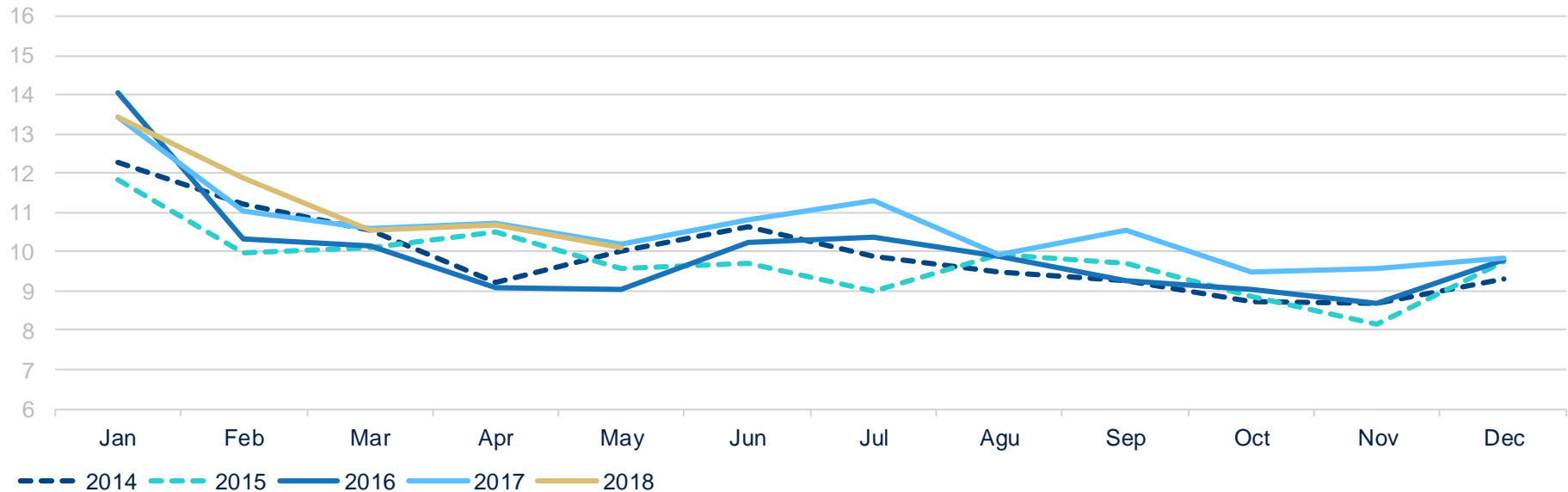


- The most persistent inflation (indexed and housing inflation) has corrected downwards over the course of this year
- In the next few years inflation will remain close to its long-term equilibrium level (estimated at 3%), helping to maintain better financing conditions for households

# Not only have lower interest and inflation rates improved households' financial position but urban unemployment is also stabilising

## Urban unemployment rate

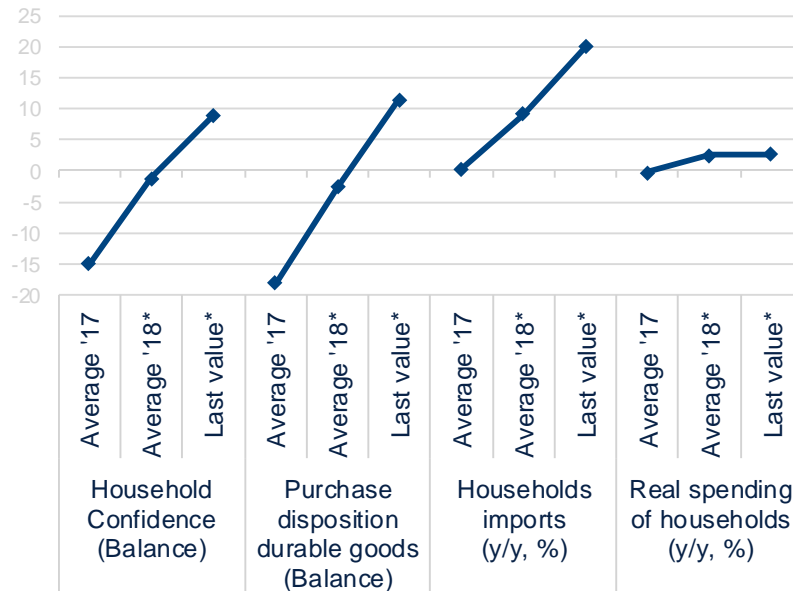
(% of EAP, 13 cities)



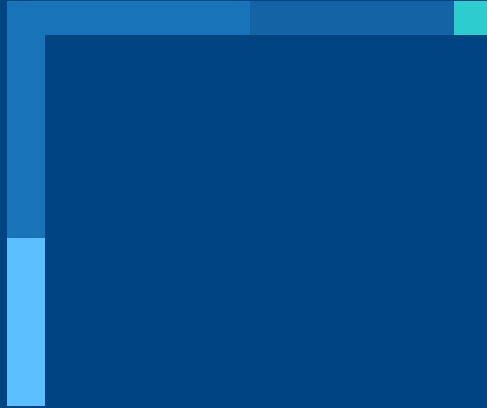
# We are already seeing some positive data in household spending: improved confidence and greater inclination to buy

## Leading indicators of consumer spending

(Balances and annual changes in percentage)



- In May household confidence completed two consecutive months in positive territory
- Retail sales year to date grew by 6.2% YoY
- The relative stability of the exchange rate, in a narrow range below 3,000 pesos to the dollar, boosted imports of consumer goods



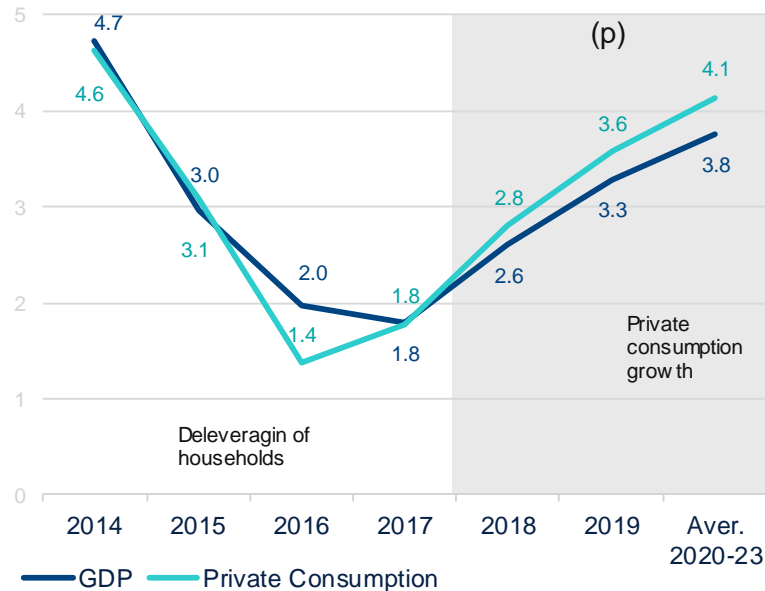
# 04

## Growth projections

# As a result, private consumption will once again grow above GDP

## GDP and private consumption

(Annual change, %, Seasonally and working day adjusted –SWDA-)



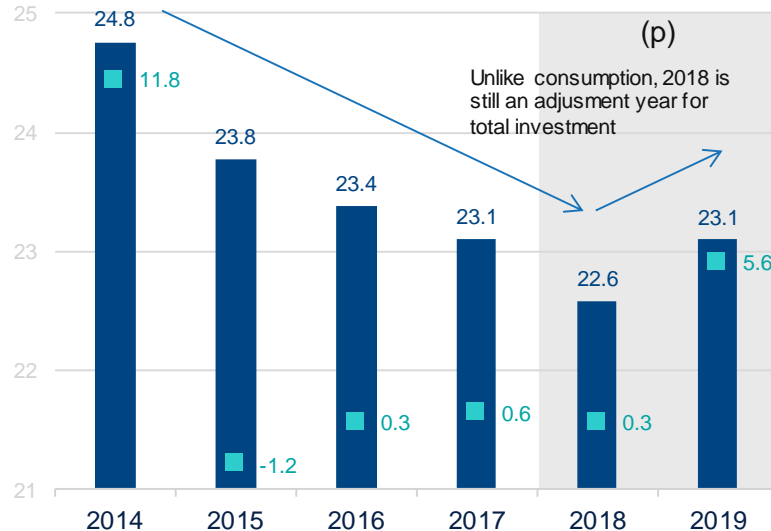
- Spending on services will be essential for the dynamic of consumption in line with the expected improvement in household income and given the shift in consumption preferences brought about by the currency devaluation (towards domestic goods)
- Durable good spending could accelerate from the end of the year thanks to the lower interest rates



# Investment growth on the other hand will not be above GDP growth until 2019

## Gross investment and investment rate

(% of GDP and YoY, SWDA)



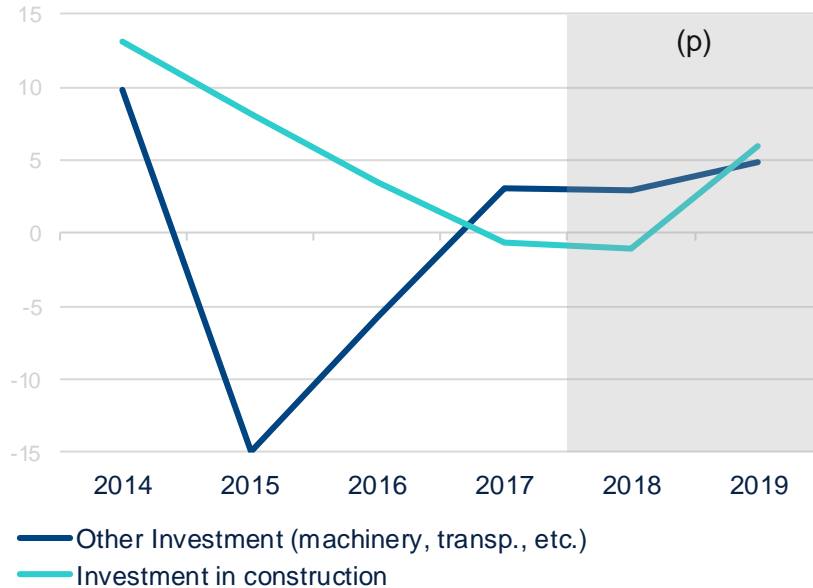
■ Investment Rate (% GDP) ■ Investment Growth (y/y, %)

- In 2018 the investment rate will complete four consecutive years of decline
- Meanwhile, Colombian companies' reduced investment capacity has been offset by gains in efficiency, which were much more evident in the mining and energy sector

# There are two trends in investment: while construction still has further to fall, other investment hit bottom in 2016

## Investment by components

(Annual change, %, SWDA)

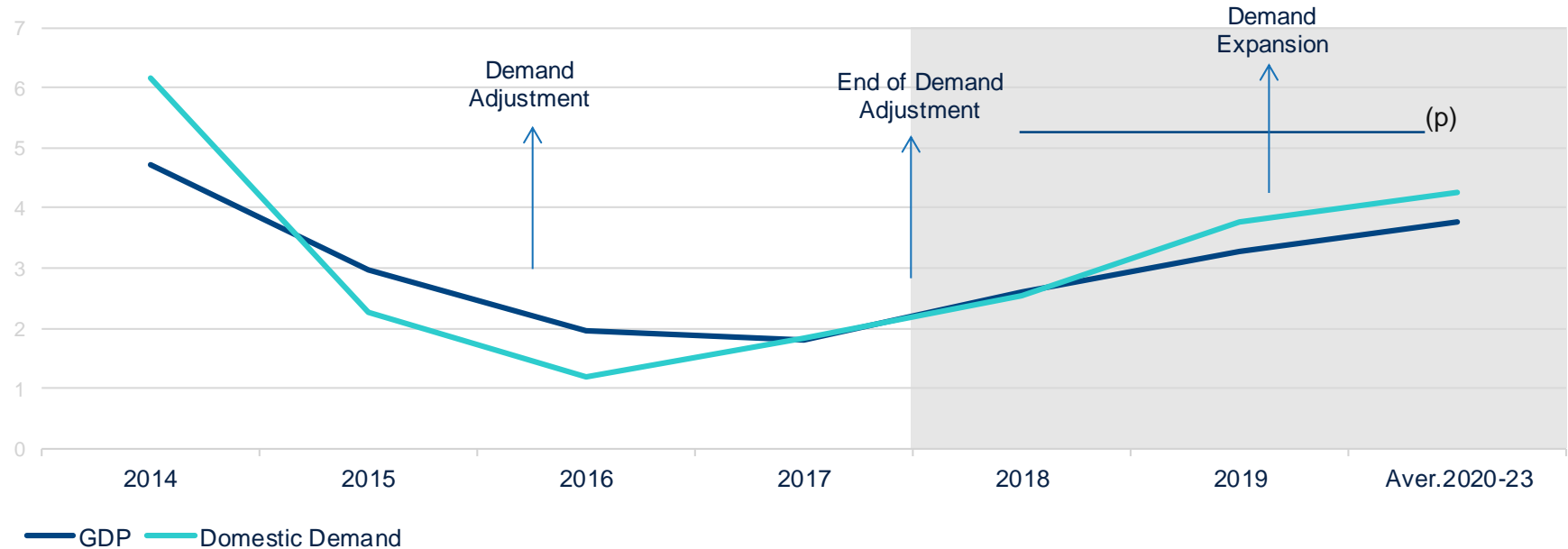


- Investment in civil works and non-construction investment will show satisfactory growth in the second half of 2018
- In contrast, investment in housing will return to positive territory at the end of the year, but will not manage to reverse its falls of the previous quarters

# Colombia's economic growth will be very close to its potential in 2019 thanks to the improvement in domestic private demand

## GDP and domestic demand

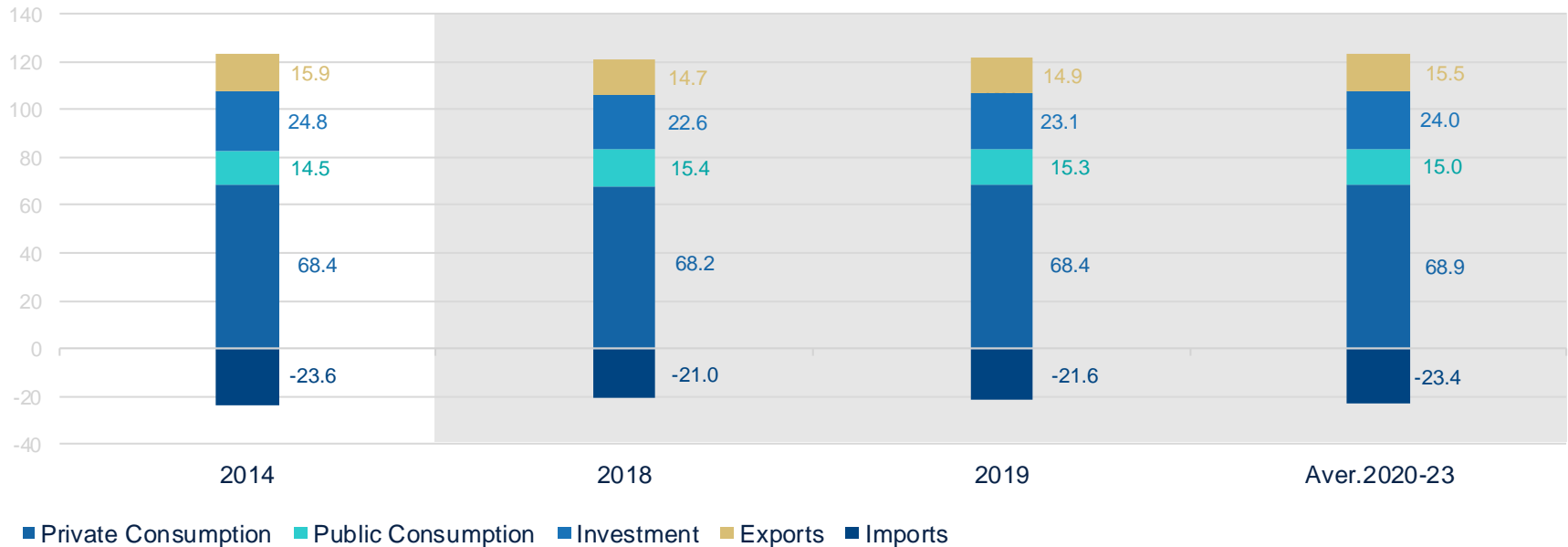
(Annual change, %, seasonally and work-day adjusted (SWDA))



# Only public spending will see its share of GDP decrease in the next five years. The biggest gains will be in investment and imports

## Components of GDP

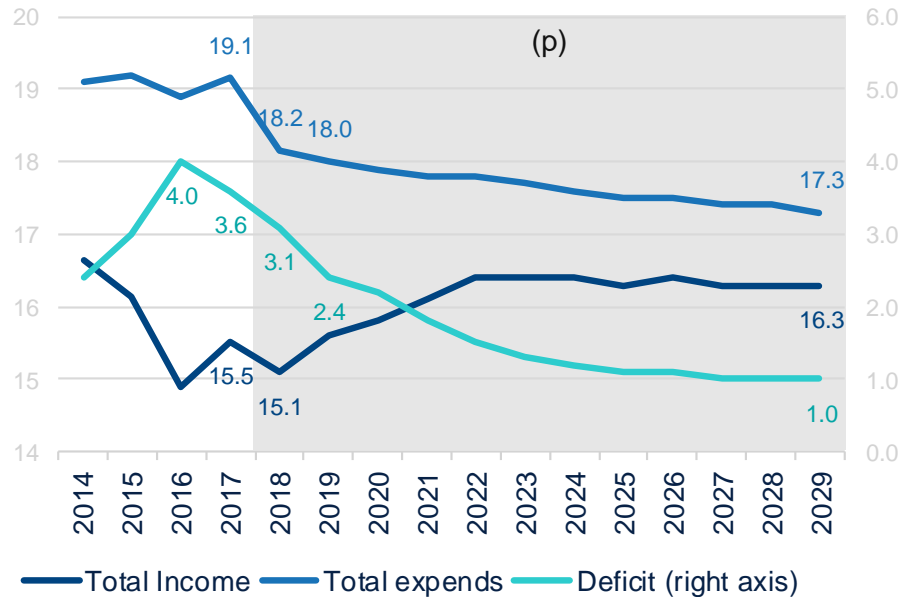
(% of GDP, SWDA)



# Public spending will be restricted because the fiscal deficit will continue its reduction path, with demanding adjustments

## Central Government Balance

(% GDP)



- The central government deficit is reducing in line with the fiscal rule, from 3.6% in 2017 to 3.1% in 2018 and 2.4% in 2019
- In 2018 spending must fall by one percentage point of GDP (to 18.2%) relative to 2017 and to 18.0% in 2019
- Oil and other revenues make the fiscal adjustment possible, given the weakness of non-oil tax revenues

# Service sectors will be decisive for GDP in 2018 and 2019.

## Export sectors will gradually recover

### GDP by sectors (SWDA)

	2017	2018p	2019p
Agriculture	5.7	2.5	3.0
Mining	-4.2	-2.1	1.7
Industry	-2.0	1.9	2.5
Public Services	0.8	1.4	3.0
Construction	-2.0	-0.3	6.4
Buildings	-5.3	-3.4	6.0
Civil engineering works	7.5	2.5	6.0
Trade, transport, hospitality industry	1.2	3.2	3.7
Telecommunications	-0.1	4.3	4.4
Financial activities	6.9	6.6	6.7
Real estate activities	2.8	2.7	2.8
Professional activities	3.5	3.7	4.1
Government	3.8	4.2	2.5
Entertainment	4.0	3.2	3.6
GDP	1.8	2.6	3.3

Source: BBVA Research forecasts and data observed by DANE

- Services driven by private consumption are taking off (trade, tourism, entertainment, etc.)
- Divergences in the industrial sector:
  - Sectors linked to the construction sector will continue in negative territory until 2019
  - Food, durable goods, health & beauty products and exports will perform better



# 05

## Challenges and pending reforms for the new government

# Duque (elected president) must move towards an increase in potential growth

## Challenges

- Improving the competitive environment, using digital means to boost productivity (reducing operating costs, allowing for more formal employment and legality and less corruption)
- Consolidating advances in infrastructure and resolving bottlenecks so as to increase competitiveness
- Moving ahead with narrowing social divides, reducing the role of the informal economy and combating inequality.
- Consolidating improvements in security in the implementation of and changes in the Peace Agreement
- Maintaining positive external indicators so as to positively differentiate the country in light of the reduced international liquidity
- Complying with fiscal adjustments in order to keep financing costs low

## Pending reforms

- Promoting digital transformation with an improvement in the payments system for small and large amounts and the centralisation of digital policies.
- Pushing through regulations to promote the strengthening of the financial system
- Reforming the tax framework so as to encourage productivity and move faster towards a predominantly formal economy. Strengthening tax administration
- Reforming agriculture so as to encourage the productive use of land and clarifying property rights
- Strengthening the judicial and penal system, making it more flexible and more credible
- Improving social security system financing
- Facilitating mining exploration and the construction of infrastructure, improving the legal framework so that it favours national interests over local ones



# Key messages

- We are expecting GDP growth to accelerate from 1.8% in 2017 to 2.6% in 2018 and 3.3% in 2019. Private consumption will be one of the pillars of economic recovery. Growth will increase from 1.8% in 2017, to 2.8% in 2017 and 3.6% in 2018. Public consumption will grow above the rate of GDP growth in 2018 for the second year in a row. That will not be the case in 2019, when it will grow less than GDP
- Investment will rise in 2018 under GDP (0.3% annual) due to the negative contribution by building construction. Then, in 2019, with construction in positive territory thanks to construction work on the fourth generation of infrastructure and the reactivation of the housing sector, investment will grow by 5.6% per year
- Potential growth in Colombia, which is estimated at 3.5% over 10 years, as well as any additional improvements, will depend on increases in productivity: infrastructure, formality, digitisation and diversification of exports by strengthening agroindustries.

The logo for BBVA Research, featuring the word "BBVA" in a bold, white, sans-serif font, followed by the word "Research" in a smaller, lighter weight sans-serif font. A small teal square is positioned to the right of the word "Research".

**BBVA** Research

# Colombia Economic Outlook

## 3Q18

Colombia Unit

July 2018

Creating Opportunities

## This report has been produced by the Colombia Unit Head Economist, Colombia

Juana Téllez  
juana.tellez@bbva.com

**Fabián García**  
fabianmauricio.garcia@bbva.com  
+57 347 16 00

**Diego Felipe Suarez**  
diegofelipe.suarez@bbva.com  
+57 347 16 00  
Intern

**Mauricio Hernández**  
mauricio.hernandez@bbva.com  
+57 347 16 00

**María Claudia Llanes**  
maria.llanes@bbva.com  
+57 347 16 00

**Alejandro Reyes**  
alejandro.reyes.gonzalez@bbva.com  
+57 347 16 00

## BBVA Research

Jorge Sicilia Serrano

### Macroeconomic Analysis

**Rafael Doménech**  
r.domenech@bbva.com

**Digital Economy**  
**Alejandro Neut**  
robertoalejandro.neut@bbva.com

**Global Macroeconomic Scenarios**  
**Miguel Jiménez**  
mjimenezg@bbva.com

**Global Financial Markets**  
**Sonsoles Castillo**  
s.castillo@bbva.com

**Long-Term Global Modelling and Analysis**  
**Julián Cubero**  
juan.cubero@bbva.com

**Innovation and Processes**  
**Oscar de las Peñas**  
oscar.delaspena@bbva.com

### Financial Systems and Regulation

**Santiago Fernández de Lis**  
sfernandezdelis@bbva.com

**Digital Regulation and Trends**  
**Álvaro Martín**  
alvaro.martin@bbva.com

**Regulation**  
**Ana Rubio**  
arubiog@bbva.com

**Financial Systems**  
**Olga Cerqueira**  
olga.gouveia@bbva.com

### Spain and Portugal

**Miguel Cardoso**  
miguel.cardoso@bbva.com

**United States**  
**Nathaniel Karp**  
Nathaniel.karp@bbva.com

**Mexico**  
**Carlos Serrano**  
carlos.serranoh@bbva.com

**Turkey, China and Big Data**  
**Álvaro Ortiz**  
alvaro.ortiz@bbva.com

**Turkey**  
**Álvaro Ortiz**  
alvaro.ortiz@bbva.com

**Asia**  
**Le Xia**  
Le.xia@bbva.com

### South America

**Juan Manuel Ruiz**  
juan.ruiz@bbva.com

**Argentina**  
**Gloria Sorensen**  
gsorensen@bbva.com

**Colombia**  
**Juana Téllez**  
juana.tellez@bbva.com

**Peru**  
**Francisco Grippa**  
fgrippa@bbva.com

**Venezuela**  
**Julio Pineda**  
juliocesar.pineda@bbva.com

The logo for BBVA Research, featuring the word "BBVA" in a bold, white, sans-serif font, followed by the word "Research" in a smaller, lighter weight of the same font. A small teal square is positioned to the right of the word "Research".

**BBVA** Research

# Colombia Economic Outlook

**3Q18** (Appendix)

Colombia Unit

July 2018

The BBVA tagline "Creating Opportunities" is displayed in a white, sans-serif font within a white rectangular box. This box is part of a larger blue graphic element that extends across the bottom of the page.

Creating Opportunities

# Main macroeconomic variables

## Table A1. Macroeconomic forecasts

	2014	2015	2016	2017	2018	2019
<b>GDP (% YoY)</b>	4.7	3.0	2.0	1.8	2.6	3.3
<b>Private Consumption (% YoY)</b>	4.6	3.1	1.4	1.8	2.8	3.6
<b>Public Consumption (% YoY)</b>	4.7	4.9	1.8	4.0	4.4	2.4
<b>Investment (% YoY)</b>	11.8	-1.2	0.3	0.6	0.3	5.6
<b>Inflation (% YoY, eop)</b>	3.7	6.8	5.7	4.1	3.3	3.0
<b>Inflation (% YoY, average)</b>	2.9	5.0	7.5	4.3	3.3	2.8
<b>Exchange rate (eop)</b>	2,392	3,149	3,001	2,984	2,880	2,900
<b>Depreciation (% , eop)</b>	24.2	31.6	-4.7	-0.6	-3.5	0.7
<b>Exchange rate (average)</b>	2,001	2,742	3,055	2,951	2,834	2,918
<b>Depreciation (% , eop)</b>	7.1	37.0	11.4	-3.4	-4.0	3.0
<b>BanRep rate (% , eop)</b>	4.50	5.75	7.50	4.75	4.25	4.50
<b>DTF reference rate (% , eop)</b>	4.3	5.2	6.9	5.3	4.6	4.8
<b>Central Gvt. Fiscal Bal. (% of GDP)</b>	-2.4	-3.0	-4.0	-3.6	-3.1	-2.4
<b>Current Account (% of GDP)</b>	-5.2	-6.5	-4.4	-3.3	-2.8	-3.3
<b>Urban unemployment rate (% , eop)</b>	9.3	9.8	9.8	9.8	10.0	9.5

# Main macroeconomic variables

## Table A2. Quarterly macroeconomic forecasts

	GDP (% YoY)	Inflation (% YoY, eop)	Exchange rate (per USD, eop)	BanRep rate (%, eop)
Q1 15	3.0	4.6	2,576	4.50
Q2 15	3.3	4.4	2,585	4.50
Q3 15	3.8	5.4	3,122	4.75
Q4 15	1.8	6.8	3,149	5.75
Q1 16	3.7	8.0	3,022	6.50
Q2 16	2.6	8.6	2,916	7.50
Q3 16	0.2	7.3	2,880	7.75
Q4 16	1.4	5.7	3,001	7.50
Q1 17	0.8	4.7	2,880	7.00
Q2 17	1.9	4.0	3,038	6.25
Q3 17	3.0	4.0	2,937	5.25
Q4 17	1.4	4.1	2,984	4.75
Q1 18	2.8	3.1	2,780	4.50
Q2 18	2.0	3.2	2,931	4.25
Q3 18	2.7	3.4	2,785	4.25
Q4 18	2.9	3.3	2,880	4.25
Q1 19	3.2	3.0	2,940	4.25
Q2 19	3.4	2.7	2,920	4.25
Q3 19	3.0	2.8	2,900	4.25
Q4 19	3.5	3.0	2,900	4.50

# Legal Notice

This document, prepared by the BBVA Research Department, is informative in nature and contains data, opinions or estimates as at the date of its publication. These derive from the department's own research or are based on sources believed to be reliable, and have not been independently verified by BBVA. BBVA therefore makes no guarantee, either express or implied, as to the document's 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. Historical trends in economic variables (positive or negative) are no guarantee that they will evolve in the same way in the future.

The contents of this document are subject to change without prior notice, depending on (for example) the economic context or market fluctuations. BBVA assumes no commitment to update any of the content or communicate such changes.

BBVA assumes no liability for any loss, direct or indirect, that may result from the use of this document or its contents.

Neither this document nor its contents constitute an offer, invitation or solicitation 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.

In particular, as regards investment in financial assets that could be related to the economic variables referred to in this document, readers should note that in no case 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 take such decisions.

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

BBVA Colombia is a credit institution, overseen by the Superintendence of Finance.

BBVA Colombia promotes such documents for purely academic ends. It assumes no responsibility for the decisions that are taken on the basis of the information set forth herein, nor may it be deemed to be a tax, legal or financial consultant. Neither shall it be liable for the quality or content thereof.

BBVA Colombia is holder of the copyright of all textual and graphic content of this document, which is protected by copyright law and other relevant Colombian and international legislation. The use, circulation or copy thereof without the express prior authorisation of BBVA Colombia is prohibited.