

G10 FX valuation: Why the dollar is not screamingly expensive

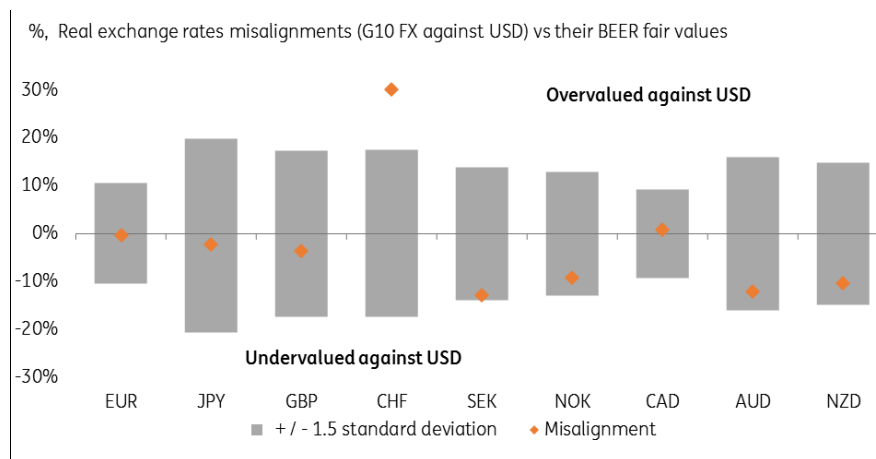
The US dollar is not as expensive and the pound is not as cheap as you might think. In trade-weighted terms, the dollar is not screamingly expensive in part due to the decline in fair value of the euro and sterling. EUR/USD screens as fairly valued while the cheapest G10 currency is the Swedish krona. The Swiss franc remains heavily overvalued vs USD and EUR



Source: Pexels

To gauge the medium-term valuation for the G10 currencies, we employ our Behavioural Equilibrium Exchange Rate (BEER) valuation framework, where we model currency fair values based on variables such as terms of trade, productivity and current account dynamics, among other things. Figure 1 depicts the findings - the G10 currency mis-valuations vs the dollar.

Figure 1: G10 FX BEER valuations vs the dollar

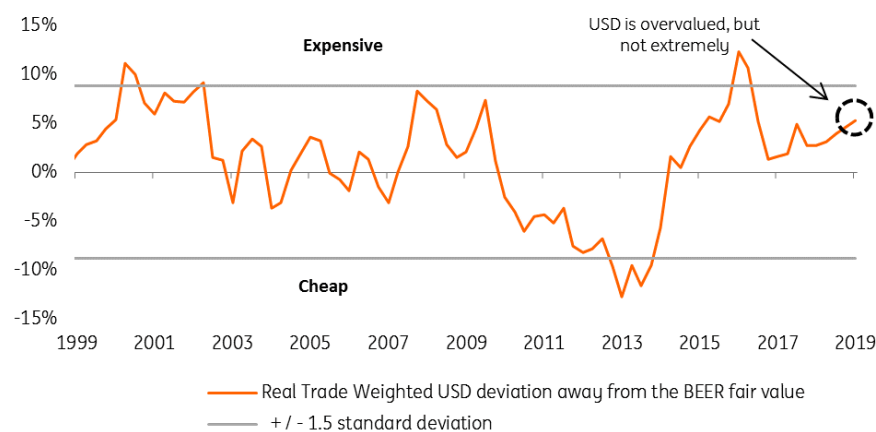


Source: ING

USD: The dollar is not screamingly expensive

Although the US dollar is overvalued on a trade-weighted basis, the currency is not as rich as was the case in late 2016 / early 2017 (Figure 2). This is because (a) the trade weighted dollar (the narrow index) is currently lower than it was back then; (b) the dollar's trade-weighted fair value has increased since its valuation peak, reflecting the improved US fundamentals and deteriorating fundamentals of other currencies (EUR and GBP in particular). As per Figure 2, the current 5-6% trade-weighted dollar overvaluation is not stretched in a historical context and suggests there is still scope for further USD gains should the global trade outlook deteriorate and weigh on cyclical currencies.

Figure 2: The dollar is not screamingly expensive



Source: ING

GBP: Large fall in sterling fair value

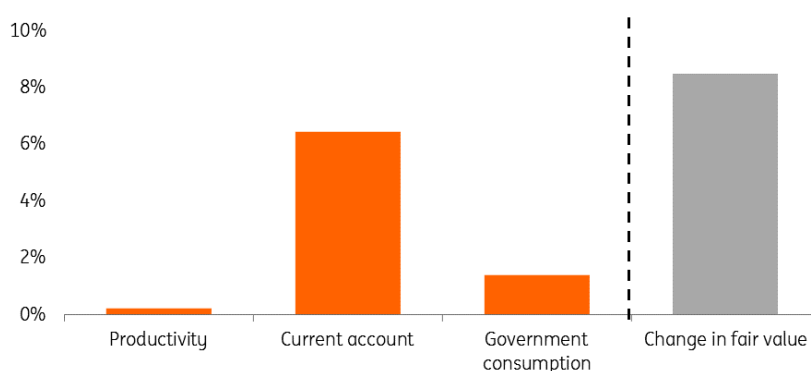
Within the G10 FX space, GBP has seen the largest deterioration in fair value since the start of 2017 (the period when USD peaked). This should not come as a surprise as Brexit uncertainty has weighed heavily on the UK economy (translating into sub-optimal growth) and translated into the deterioration of GBP fair value vs EUR by 8-9% since 2017. As Figure 3 shows, this was primarily

driven by the decline in the worsening relative current account position of the UK. Sterling's fair value decline against the US dollar has been even larger than was the case against the euro as this has been further exaggerated by the drop in EUR/USD fair value (see below).

The meaningful deterioration in GBP's fair value means that the currency is not as undervalued as one might think – as per Figure 1. Rather, the sterling fundamentals have partly caught up with the weak GBP spot levels (whereby the forward-looking market participants front-run the deterioration in sterling fundamentals). This means that GBP is currently “only” 3% undervalued vs EUR (as opposed to the 15% GBP fall vs EUR since 2016 – although sterling's depreciation started from overvalued levels). The lack of meaningful undervaluation suggests there is further scope for GBP declines should the current UK-EU talks fail and the odds of a hard Brexit increase again. At this point, sterling's mis-valuation is not large enough to act as a constraint against more pronounced GBP weakness.

Figure 3: GBP fair value declined, led by the current account dynamics

Contribution of underlying variables to the change in the EUR/GBP BEER fair value since 2017.



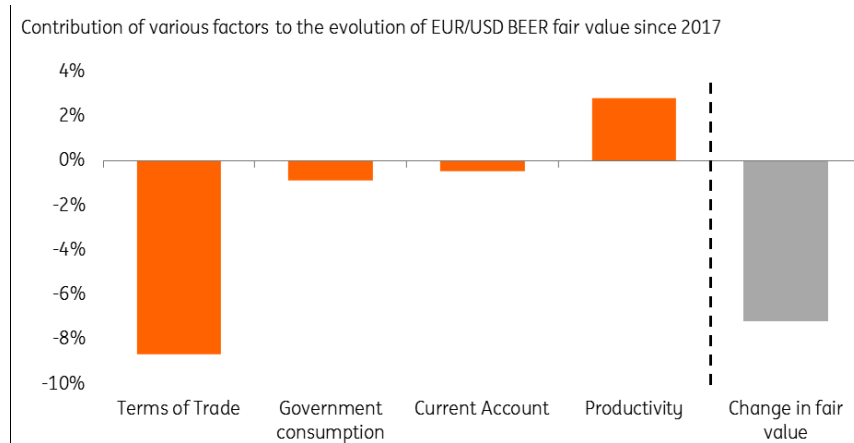
Source: ING

EUR: Valuation no longer acting as a soft floor under the EUR/USD

Like sterling, the euro has also recorded a meaningful drop in fair value. EUR/USD fair value has declined by 7% since 2017. As Figure 4 shows, the key driver behind its decline was the deterioration in the terms of trade dynamics (government consumption and current account also contributed negatively). The meaningful drop in EUR/USD fair value suggests that even with EUR/USD back below the 1.10 level, the currency is no longer stretched.

This is in stark contrast to the period of 2015-early 2017 when EUR/USD fair value was higher. At that time, EUR/USD at or below the 1.10 level was considered fairly stretched (Figure 5), and the valuation acted a soft floor under the cross. Note that when currencies reach extreme valuation limits - as was the case for EUR/USD in 2015-2017 - it is difficult for them to extend the trend as the currency is already materially out of sync with fundamentals. The absence of any real undervaluation is one the main reasons why we see additional downside to EUR/USD and expect the cross to settle in the 1.05-1.10 area this quarter (see [EUR/USD: Lower for longer as dollar is king](#)).

Figure 4: EUR fair value also under pressure...



Source: ING

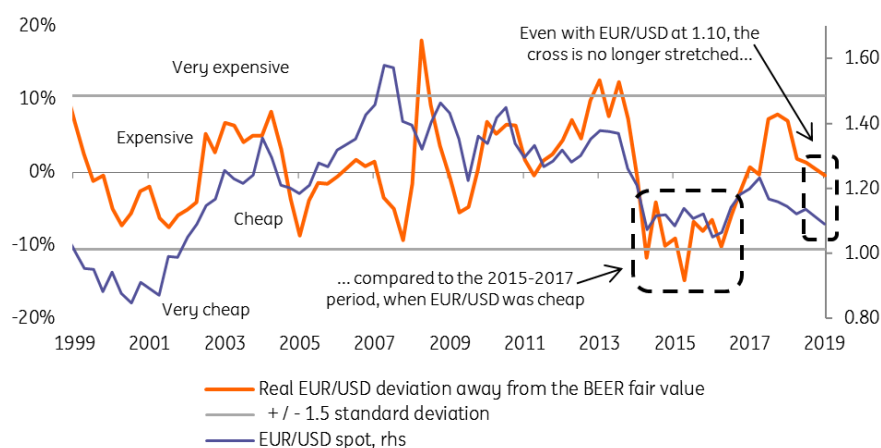
SEK the cheapest, CHF the most expensive

While the major crosses don't show material dislocations (like EUR/USD, USD/JPY is also close to its medium-term BEER fair value as per Figure 1), more meaningful mis-valuations are observed in the rest of the G10 FX space.

The cheapest currency in the G10 FX space is the Swedish krona, which is undervalued by 13% vs USD as per Figure 1 (and 12.5% vs EUR). Although the cheapest, we don't see SEK as a credible value play. If anything, we retain our long-held bearish view on the krona. The nature of the Swedish economy (small open economy levered to global trade) and poor SEK characteristics (high beta, yet negative interest rate) makes the currency vulnerable in the current slow growth / trade war environment. At this point, we see SEK's cheap valuation as the only positive about the currency and without any catalysts in place, the valuation gap is unlikely to correct. If anything, we expect the valuation to get even more stretched and look for EUR/SEK to breach the psychological 11.00 level this quarter.

In contrast, the most overvalued currency in the G10 space is the Swiss franc. The expensive valuation is the by-product of the Swiss National Bank's decision in 2015 to unpeg the franc from the euro, which led to profound CHF strength. Since then, the gap between the fair value and the real EUR/CHF exchange rate has remained constant.

Figure 5: ... meaning that EUR/USD is no longer undervalued



Source: ING

Commodity G10 FX: CAD is the least expensive

In the G10 commodity FX space, the Canadian dollar is the least expensive currency (in fact, USD/CAD screens as fairly valued based on our BEER model). This should not come as a surprise given its link to the US economy (vs the Australian and New Zealand dollars' linkage to China). The Aussie dollar is the cheapest commodity currency, being undervalued by around 12% vs the US dollar and closely followed by the New Zealand dollar and the Norwegian krone, respectively – as per Figure 1.

Status quo to prevail

The narrow and tentative US-China trade deal announced over the weekend has failed to improve the prospects for global growth (see [US-China trade deal; don't get over excited](#)) and as such, we expect the status quo to prevail. USD should remain expensive and become even more expensive against the likes of the euro. While CHF remains the most overvalued G10 currency, the global slowdown and ongoing US-China trade conflict suggest that the safe-haven franc should remain rich. Such a global backdrop also suggests that SEK should get even cheaper. In our view, only a credible US-China trade deal that would improve the global growth outlook and/or a very aggressive Federal Reserve easing cycle would reverse the current USD overvaluation. However, we are not expecting either of these scenarios to play out.

Author

Olivia Grace

Editor

olivia.grace@ing.com

Julian Geib

Junior Economist, Global Trade

julian.geib@ing.de

Zoltán Homolya

Economic research trainee

zoltan.homolya@ing.com

Amrita Naik Nimbalkar

Junior Economist, Global Macro

amrita.naik.nimbalkar@ing.com

Mateusz Sutowicz

Senior Economist, Poland

mateusz.sutowicz@ing.pl

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@ing.com

Michiel Tukker

Senior UK & Eurozone Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Senior Economist, Healthcare & Technology

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Deputy Global Head of Editorial and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporate Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK

james.smith@ing.com

Suvi Platerink Kosonen

Senior Sector Strategist, Financials

suvi.platerink-kosonen@ing.com

Thijs Geijer

Senior Sector Economist, Food & Agri

thijs.geijer@ing.com

Maurice van Sante

Senior Economist Construction & Team Lead Sectors

maurice.van.sante@ing.com

Marcel Klok

Senior Economist, Netherlands

marcel.klok@ing.com

Paolo Pizzoli

Senior Economist, Italy, Greece

paolo.pizzoli@ing.com

Marieke Blom

Chief Economist and Global Head of Research
marieke.blom@ing.com

Raoul Leering
Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@ing.com

Rafal Benecki
Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent
Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz
Senior Economist, Hungary
peter.virovacz@ing.com

Inga Fechner
Senior Economist, Global Trade
inga.fechner@ing.de

Dimitry Fleming
Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu
Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan
Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang

Chief Economist, Greater China

iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research

+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com