



Germany

Cruising along, but vulnerable

- We think the current boom phase still has 'air to run' with growth to remain above potential at 2.1% in 2018E and 1.9% in 2019E, before moderating to 1.6% in 2020E.
- We expect domestic demand to rebound, not least due to higher public spending under the new government, while net exports would increasingly become a headwind to growth.
- Risks to the growth outlook for the export-dependent German economy stem mainly from the external side amid the ongoing US-China trade spat and its implication for global trade.
- The tight labour market has started to spill over to higher negotiated wages, leading us to expect a gradual rise in core inflation from H2 18 onwards.

Aila Mihr
Analyst
+45 45 12 85 35
amih@danskebank.dk

www.danske-research.com
Important disclosures and certifications are contained from page 5 of this report.

Smooth sailing as boom continues

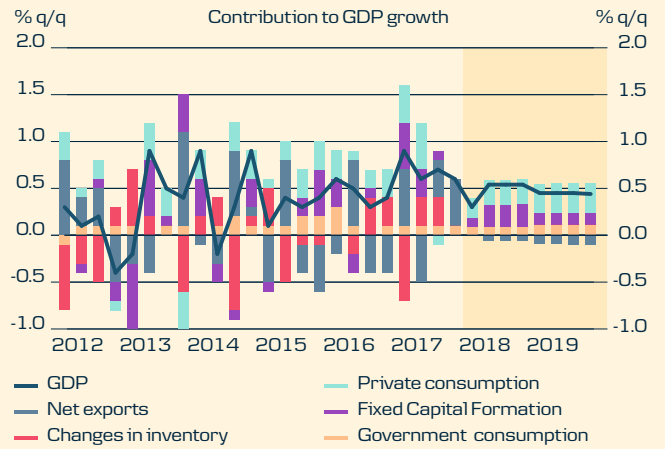
The German economy experienced strong growth of 2.5% in 2017 and we think the current boom phase still has 'air to run' in the next two years as capacity utilisation remains below historical peaks despite increasing labour shortages. Overall, we expect growth to remain above potential at 2.1% in 2018 and 1.9% in 2019, before moderating to its potential level at 1.6% in 2020. We expect the German economic momentum to be supported by continued employment gains, easy monetary conditions, solid global growth and not least, the more expansionary fiscal policy of the new government. Risks to the growth outlook for the export-dependent German economy stem mainly from the external side, where the euro appreciation and US-China trade conflicts could adversely affect business sentiment and investment activity.

Although economic activity lost momentum in Q1 18, with growth moderating to 0.3% q/q (from 0.6% q/q in Q4 17), this was partly due to temporary factors, such as an unusually severe flu season and several days of strikes in the metal industry during the - now resolved - IG Metall bargaining round. We look for slightly higher GDP growth rates of 0.5% q/q in the coming quarters, as some of these temporary headwinds fade. Following a weak spell in H2 17, we expect private consumption to become an important growth driver again, supported by positive real wage growth, low borrowing costs and stimulative fiscal measures such as a lowering of unemployment insurance and pension contributions as well as the return to parity in the financing of the statutory health insurance. But as many of the coalition agreement's planned measures would take effect only at the turn of the year, we expect the boost to public and private consumption to be more pronounced in 2019. We project investment activity to remain dynamic in the absence of an escalating global trade war, not least because sentiment indicators such as Ifo remain at high levels, credit standards remain loose and increasing capacity constraints and labour shortages favour productivity-enhancing capital investments. In our view, the momentum in global growth will abate only slowly, meaning that robust foreign demand for German products would continue to fuel net exports in 2018. However, in light of the moderating global cycle and dynamic import growth, we expect net exports to become a drag on growth in 2019.

Core inflation rising gradually

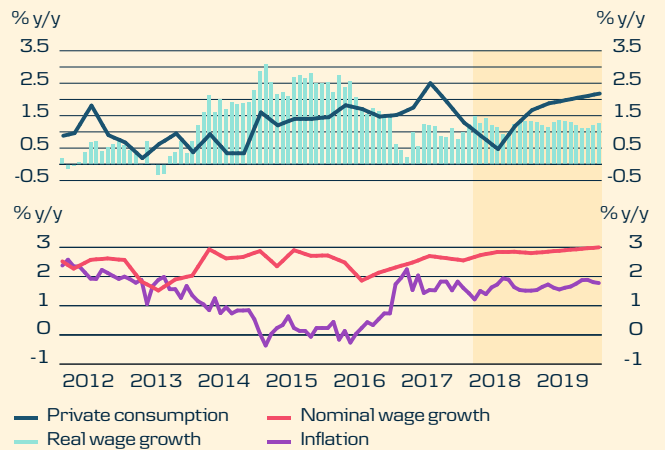
With growth staying above potential, we expect the unemployment rate to decline further to 3.3% in 2019. The tight labour market has started to spill over to higher negotiated wages and we expect wage growth in Germany to accelerate to 3.0% in 2019, also due to a possible increase in the minimum wage and falling net immigration from Eastern European countries (see Part 2: Eurozone Inflation - Upside risks from oil prices and rising wage pressures). Although we expect core inflation to increase to 1.8% in 2019, supported by rising wages, headline inflation should remain below the ECB's 2% target over the forecast horizon as global factors and a stronger euro will continue to be mostly headwinds.

Domestic demand set to rebound



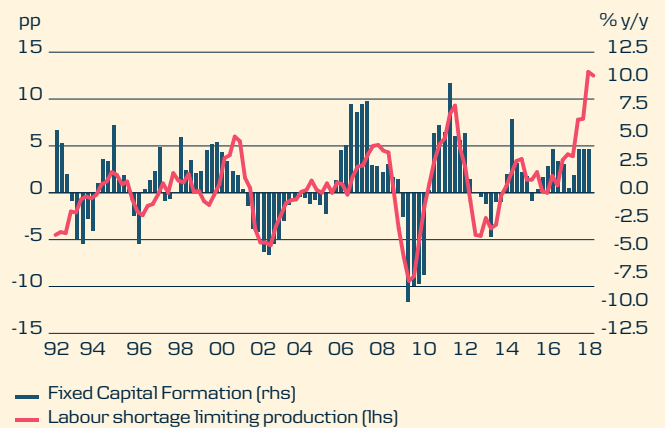
Source: Destatis, Macrobond Financial, Danske Bank

Positive real wage growth despite increasing inflation



Source: Eurostat, ECB, Macrobond Financial, Danske Bank

Increasing labour shortages favour investment spending



Source: Eurostat, EC, Macrobond Financial, Danske Bank

Germany's trade vulnerability

The German economy is characterised by a high degree of openness, with exports accounting for roughly 50% of GDP. This makes the economy very susceptible to a deterioration in the global trade environment and especially recent protectionist tendencies from the US. President Trump plans to impose tariffs on European steel and aluminium, but the direct impact would be negligible for Germany: steel and aluminium account only for 3% of total German exports, of which the US' share is only 4.3%. Hence, only 0.13% of total German exports would be affected by such tariffs. However, the indirect effect of such measures should not be underestimated in our view, as the lingering threat of additional tariffs on other sectors risks weighing on German business sentiment and investment activity. Many German companies are also highly integrated in global value chains and have set up subsidiaries and production facilities in China and the US. They would, hence, suffer significant collateral damage from either US or Chinese tariff measures. The important German car industry in particular could become a target in case of further escalation in the trade conflict, which would impair the German growth outlook significantly. BMW and Daimler are the largest vehicle exporters from the US by value and China is their number one market, making them among the prime victims of possible Chinese import tariffs on US cars.

Germany's car industry in a soft spot



Source: Destatis, Macrobond Financial, Danske Bank

Macro forecasts - Germany

% change q/q	2018				2019				Calendar year average			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2017	2018	2019	2020
Annualised rate												
GDP	1.2	2.2	2.2	2.2	1.8	1.8	1.8	1.8	2.5	2.1	1.9	1.6
Private Consumption	1.6	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.1	1.3	2.3	2.0
Private Fixed Investments	4.1	4.9	4.9	4.9	2.4	2.4	2.4	2.4	3.9	3.5	3.3	2.2
Public Consumption	-2.0	1.6	1.6	1.6	2.4	2.4	2.4	2.4	1.6	0.8	2.1	2.2
Exports	-3.9	4.1	4.1	4.1	3.6	3.6	3.6	3.6	5.3	3.7	3.8	3.1
Imports	-4.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.6	3.5	5.3	4.5
Net exports ¹	-0.1	-0.2	-0.2	-0.2	-0.5	-0.5	-0.5	-0.5	0.2	0.3	-0.4	-0.4
Unemployment rate (%)	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.8	3.4	3.3	3.2
CPI (y/y)	1.3	1.9	2.3	2.0	2.1	1.7	1.7	1.8	1.7	1.9	1.8	1.8
Core CPI (y/y)	1.3	1.2	1.6	1.6	1.8	1.8	1.9	2.0	1.3	1.4	1.9	1.9
Public Budget ²									1.3	1.2	1.4	1.0
Public Gross Debt ²									64.1	60.2	56.3	54.0
Current Account ²									8.0	7.9	7.6	7.3

1: Contribution to GDP growth, 2: Pct. of GDP, 3: End of period
Source: Eurostat, Danske Bank



Disclosures

This research report has been prepared by Danske Bank A/S ('Danske Bank'). The author of this research report are Aila Mihr (Analyst).

Analyst certification

Each research analyst responsible for the content of this research report certifies that the views expressed in the research report accurately reflect the research analyst's personal view about the financial instruments and issuers covered by the research report. Each responsible research analyst further certifies that no part of the compensation of the research analyst was, is or will be, directly or indirectly, related to the specific recommendations expressed in the research report.

Regulation

Danske Bank is authorised and subject to regulation by the Danish Financial Supervisory Authority and is subject to the rules and regulation of the relevant regulators in all other jurisdictions where it conducts business. Danske Bank is subject to limited regulation by the Financial Conduct Authority and the Prudential Regulation Authority (UK). Details on the extent of the regulation by the Financial Conduct Authority and the Prudential Regulation Authority are available from Danske Bank on request.

Danske Bank's research reports are prepared in accordance with the recommendations of the Danish Securities Dealers Association.

Conflicts of interest

Danske Bank has established procedures to prevent conflicts of interest and to ensure the provision of high-quality research based on research objectivity and independence. These procedures are documented in Danske Bank's research policies. Employees within Danske Bank's Research Departments have been instructed that any request that might impair the objectivity and independence of research shall be referred to Research Management and the Compliance Department. Danske Bank's Research Departments are organised independently from, and do not report to, other business areas within Danske Bank.

Research analysts are remunerated in part based on the overall profitability of Danske Bank, which includes investment banking revenues, but do not receive bonuses or other remuneration linked to specific corporate finance or debt capital transactions.

Financial models and/or methodology used in this research report

Calculations and presentations in this research report are

based on standard econometric tools and methodology as well as publicly available statistics for each individual security, issuer and/or country. Documentation can be obtained from the authors on request.

Risk warning

Major risks connected with recommendations or opinions in this research report, including as sensitivity analysis of relevant assumptions, are stated throughout the text.

Expected updates

This publication is published twice a year.

Date of first publication

See the front page of this research report for the date of first publication.

General disclaimer

This research report has been prepared by Danske Bank (a division of Danske Bank A/S). It is provided for informational purposes only. It does not constitute or form part of, and shall under no circumstances be considered as, an offer to sell or a solicitation of an offer to purchase or sell any relevant financial instruments (i.e. financial instruments mentioned herein or other financial instruments of any issuer mentioned herein and/or options, warrants, rights or other interests with respect to any such financial instruments) ('Relevant Financial Instruments').

The research report has been prepared independently and solely on the basis of publicly available information that Danske Bank considers to be reliable. While reasonable care has been taken to ensure that its contents are not untrue or misleading, no representation is made as to its accuracy or completeness and Danske Bank, its affiliates and subsidiaries accept no liability whatsoever for any direct or consequential loss, including without limitation any loss of profits, arising from reliance on this research report.

The opinions expressed herein are the opinions of the research analysts responsible for the research report and reflect their judgement as of the date hereof. These opinions are subject to change and Danske Bank does not undertake to notify any recipient of this research report of any such change nor of any other changes related to the information provided herein.

This research report is not intended for, and may not be re-distributed to, retail customers in the United Kingdom or the United States.

This research report is protected by copyright and is intended solely for the designated addressee. It may not be reproduced or distributed, in whole or in part, by any recipient for any purpose without Danske Bank's prior written consent.

Disclaimer related to distribution in the United States

This research report was created by Danske Bank A/S and is distributed in the United States by Danske Markets Inc., a U.S. registered broker-dealer and subsidiary of Danske Bank A/A, pursuant to SEC Rule 15a-6 and related interpretations issued by the U.S. Securities and Exchange Commission. The research report is intended for distribution in the United States solely to 'U.S. institutional investors' as defined in SEC Rule 15a-6. Danske Markets Inc. accepts responsibility for this research report in connection with distribution in the United States solely to 'U.S. institutional investors'.

Danske Bank is not subject to U.S. rules with regard to the preparation of research reports and the independence of research analysts. In addition, the research analysts of Danske Bank who have prepared this research report are not registered or qualified as research analysts with the NYSE or FINRA but satisfy the applicable requirements of a non-U.S. jurisdiction.

Any U.S. investor recipient of this research report who wishes to purchase or sell any Relevant Financial Instrument may do so only by contacting Danske Markets Inc. directly and should be aware that investing in non-U.S. financial instruments may entail certain risks. Financial instruments of non-U.S. issuers may not be registered with the U.S. Securities and Exchange Commission and may not be subject to the reporting and auditing standards of the U.S. Securities and Exchange Commission.

Report completed: 4 June 2018, 13:00 CEST

Report first disseminated: 18 June 2018, 06:00 CEST

Global Danske Research

International Macro

Chief Analyst & Head of
Jakob Ekholdt Christensen
+45 45 12 85 30
jakc@danskebank.com

Allan von Mehren
+45 45 12 80 55
alvo@danskebank.com

Mikael Olai Milhøj
+45 45 12 76 07
milh@danskebank.com

Aila Mihr
+45 45 12 85 35
amih@danskebank.com

Bjørn Tangaa Sillemann
+45 45 12 82 29
bjjsi@danskebank.com

Piet P.H. Christiansen
+45 45 13 2021
phai@danskebank.dk

Sweden

Chief Analyst & Head of
Michael Boström
+46 8 568 805 87
mbos@danskebank.com

Michael Grahn
+46 8 568 807 00
mika@danskebank.com

Carl Milton
+46 8 568 805 98
carmi@danskebank.com

Marcus Söderberg
+46 8 568 805 64
marsd@danskebank.com

Stefan Mellin
+46 8 568 805 92
mell@danskebank.com

Susanne Perneby
+46 8 568 805 85
supe@danskebank.com

Fixed Income Research

Chief Analyst & Head of
Arne Lohmann Rasmussen
+45 45 12 85 32
arr@danskebank.com

Jens Peter Sørensen
+45 45 12 85 17
jenssr@danskebank.com

Christina E. Falch
+45 45 12 71 52
chfa@danskebank.com

Jan Weber Østergaard
+45 45 13 07 89
jast@danskebank.com

Hans Roager Jensen
+45 45 13 07 89
hroa@danskebank.com

Mathias Røn Mogensen
+45 45 14 72 26
mmog@danskebank.com

Denmark

Chief Economist & Head of
Las Olsen
+45 45 12 85 36
laso@danskebank.com

Louise Aggerstrøm Hansen
+45 45 12 85 31
louhan@danskebank.com

Bjørn Tangaa Sillemann
+45 45 12 82 29
bjjsi@danskebank.com

Norway

Chief Economist & Head of
Frank Jullum
+47 85 40 65 40
fju@danskebank.com

Jostein Tvedt
+47 23 13 91 84
jtjv@danskebank.com

FX & Commodities Strategy

Global Head of FICC Research
Thomas Harr
+45 45 13 67 31
thhar@danskebank.com

Christin Kyrme Tuxen
+45 45 13 78 67
tux@danskebank.com

Morten Thrane Helt
+45 45 12 85 18
mohel@danskebank.com

Jens Nærvig Pedersen
+45 45 12 80 61
jenpe@danskebank.com

Kristoffer Kjær Lomholt
+45 45 12 85 29
klom@danskebank.com

Emerging Markets

Chief Analyst & Head of
Jakob Ekholdt Christensen
+45 45 12 85 30
jakc@danskebank.com

Vladimir Miklashevsky
+35810 546 7522
vlmi@danskebank.com

Finland

Head of Research Finland
Valtteri Ahti
+358 10 546 7329
vah@danskebank.com

Chief Economist
Pasi Petteri Kuoppamäki
+358 10 546 7715
paku@danskebank.com

Jukka Samuli Appelqvist
+358 44 263 1051
app@danskebank.com

DCM Research

Chief Analyst & Head of
Thomas Martin Hovard
+45 45 12 85 05
hova@danskebank.com

Louis Landeman
+46 8 568 80524
llan@danskebank.se

Jakob Magnussen
+45 45 12 85 03
jakja@danskebank.com

Mads Rosendal
+45 45 14 88 79
madro@danskebank.com

Gabriel Bergin
+46 8 568 806 02
gabe@danskebank.com

Brian Børsting
+45 45 12 85 19
brbr@danskebank.com

Sverre Holbek
+45 45 14 88 82
holb@danskebank.com

Niklas Ripa
+45 45 12 80 47
niri@danskebank.com

Henrik Renè Andresen
+45 45 13 33 27
hena@danskebank.com

Katrine Jensen
+45 45 12 80 56
katri@danskebank.com

Haseeb Syed
+47 85 40 54 19
hsy@danskebank.com

Bendik Engebretsen
+47 85 40 69 14
bee@danskebank.com

Christopher Hellesnes
+46 8 568 80547
cahe@danskebank.com

August Moberg
+46 8 568 80593
aumo@danskebank.com

Jesper Damkjær
+45 45 12 80 41
damk@danskebank.com

David Anthony Boyle
+47 85 40 54 17
dboy@danskebank.com
