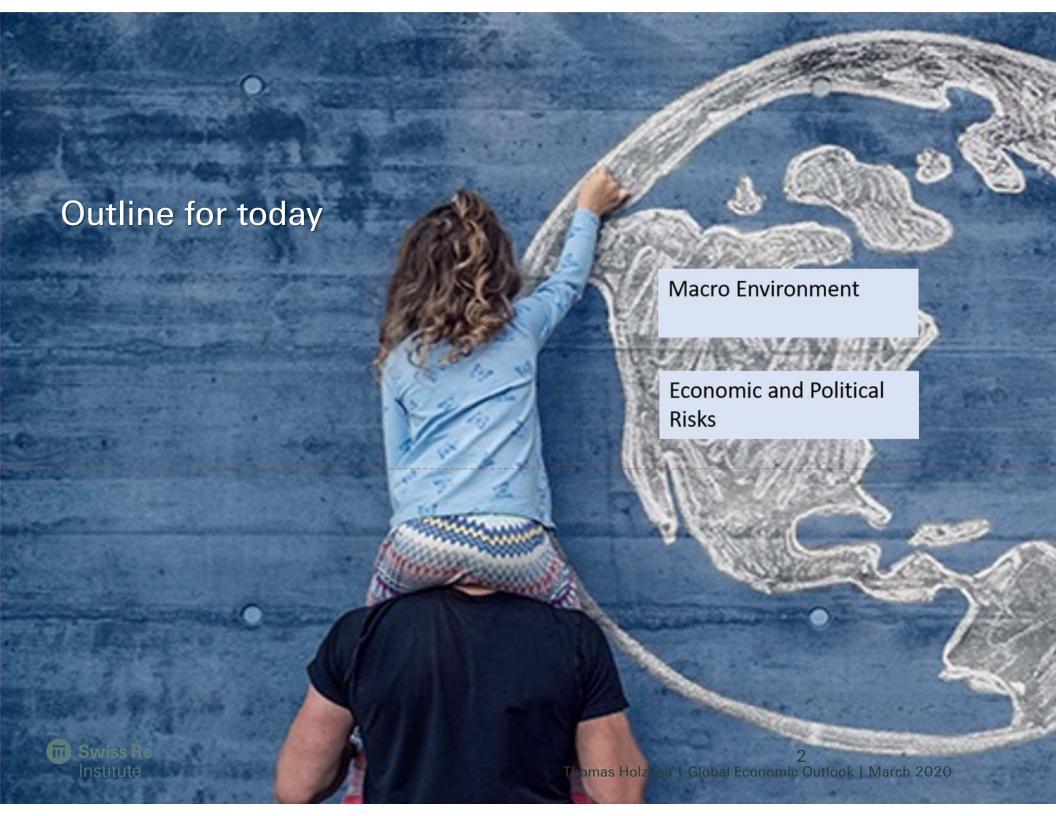
US Economic Outlook Dr Thomas Holzheu **Chief Economist Americas** Tampa, 10 March 2020 Swiss Re Institutee Thomas Holzheu | Global Economic Outlook | March 2020



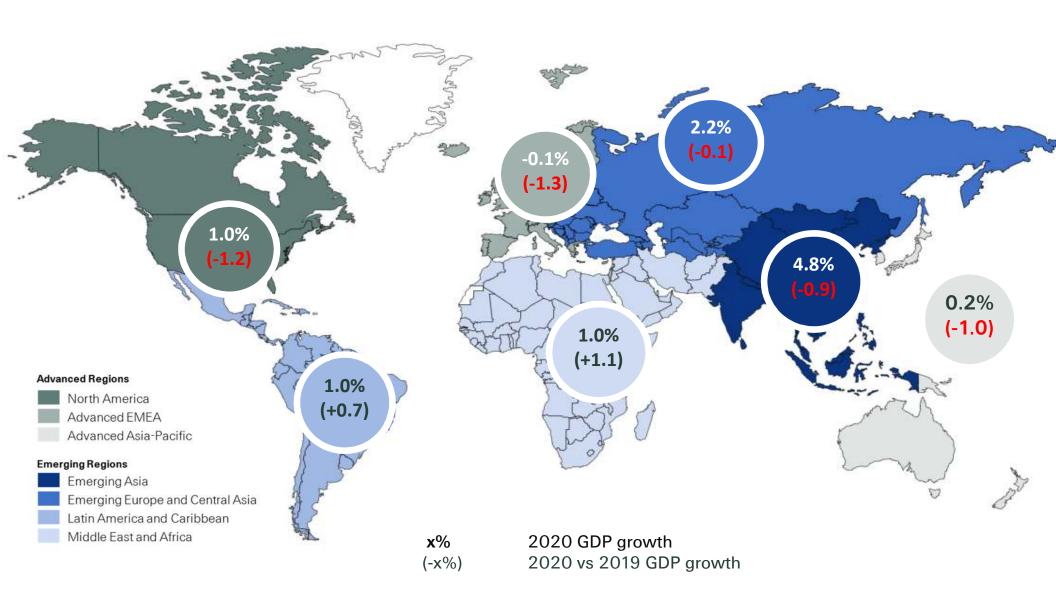


The spread of the coronavirus has turned from a "downside risk to watch" to a global recession scenario

- The global recession is expected to still be mild in a historical recession context
- · Global growth takes a hit in the second and third quarter
- The nascent manufacturing recovery gets derailed
- US recession risk surges to 40%

	Real GDP growth		Inflation		CB policy rate		10y yield	
	2020	2021	2020	2021	2020	2021	2020	2021
US	1.1	1.8	1.5	1.7	0.1	0.1	1.0	1.0
Euro Area	-0.4	0.8	0.7	0.9	0.0	0.0	-0.6	-0.6
China	4.8	5.5	3.0	2.5	2.4	2.4	2.9	2.9

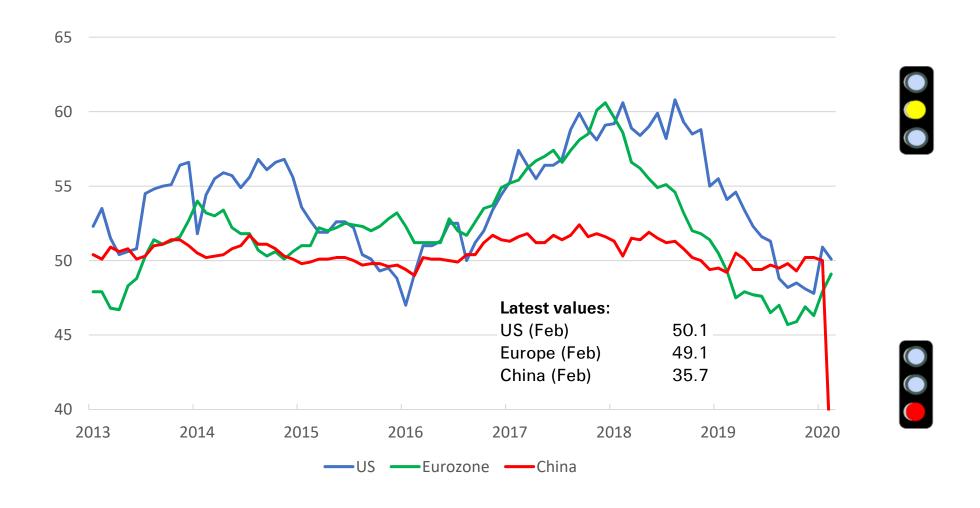






Source: Swiss Re Institute

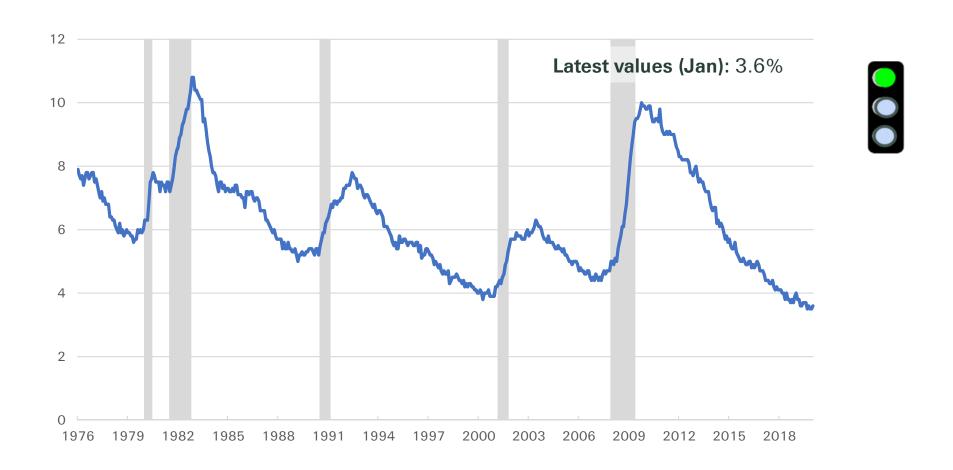
Trade tensions were weighing on the manufacturing segment in North America – giving way to COVID-19





Source: Datastream, ISM, Markit

The unemployment rate is near historical lows



Source: Datastream, U.S. Bureau of Labor Statistics



Employment growth and wage growth are slowing

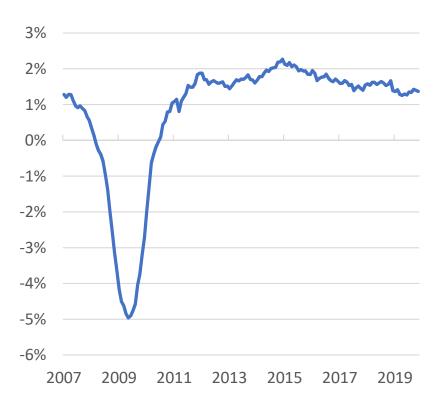
0%

2007

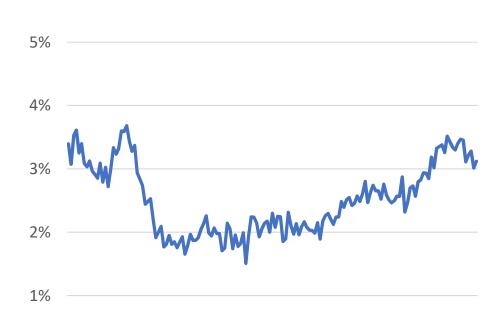
2009

2011

Employment growth yoy



Average hourly earnings yoy





2013

2015

2017

2019

Consumer confidence is moving sideways, but remains at historically high levels

Conference Board confidence consumer sentiment

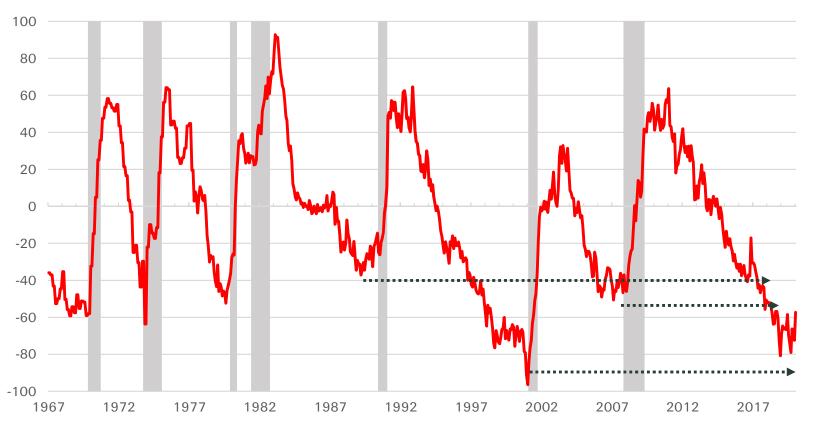






Consumers are much more optimistic about today than about the future; this is normally a sign for a late cycle

Conference Board: consumer expectation minus present situation

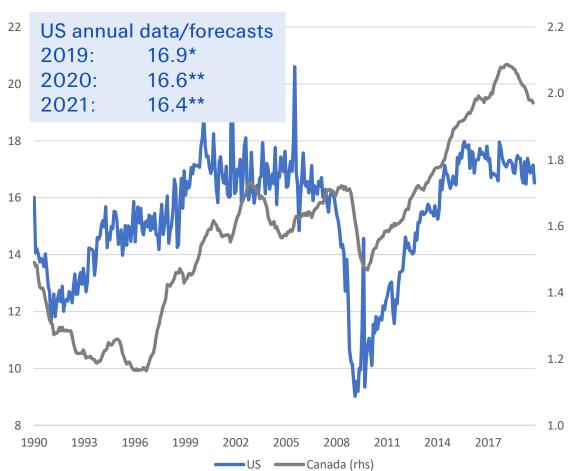






Light vehicle sales – beyond the peak





- US auto demand has been slowing since 2016
- US consumer outlook remains broadly positive
- Declining affordability with rising auto interest rates
- Pent-up demand satisfied by 2015/16

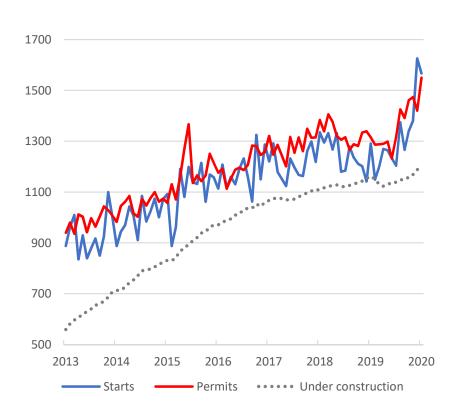
Sources: *Datastream, **Blue Chip Economic Indicators, Feb 2020



Housing market indicators have taken off strongly - affordability gets boost from lower rates, though impact is waning



Housing starts, permits, construction



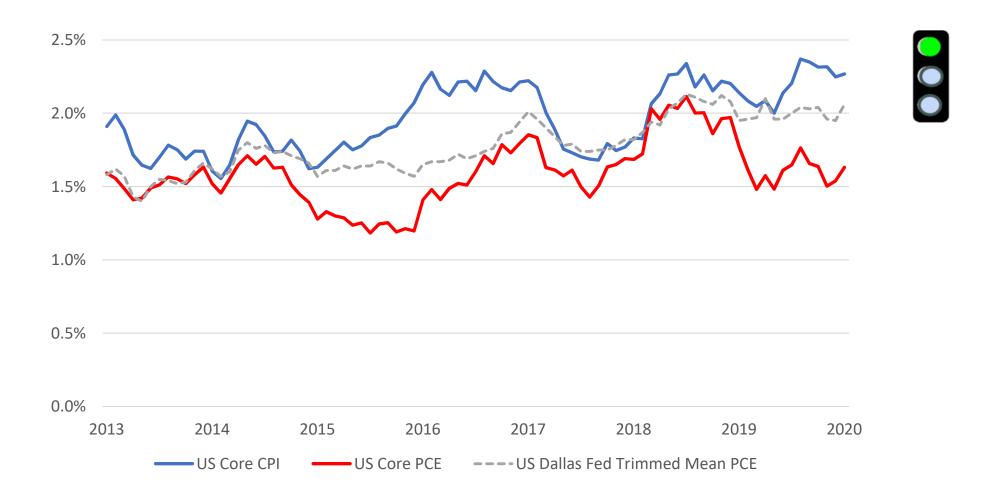
Average weekly mortgage rates *30-year fixed*



Sources: Datastream, Federal Reserve



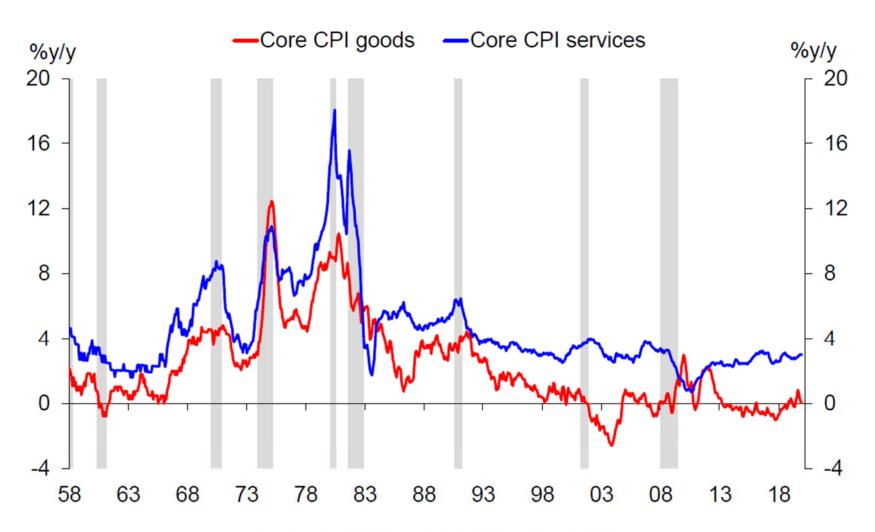
Inflation expectations remain well anchored



Source: Datastream, U.S. Bureau of Labor Statistics



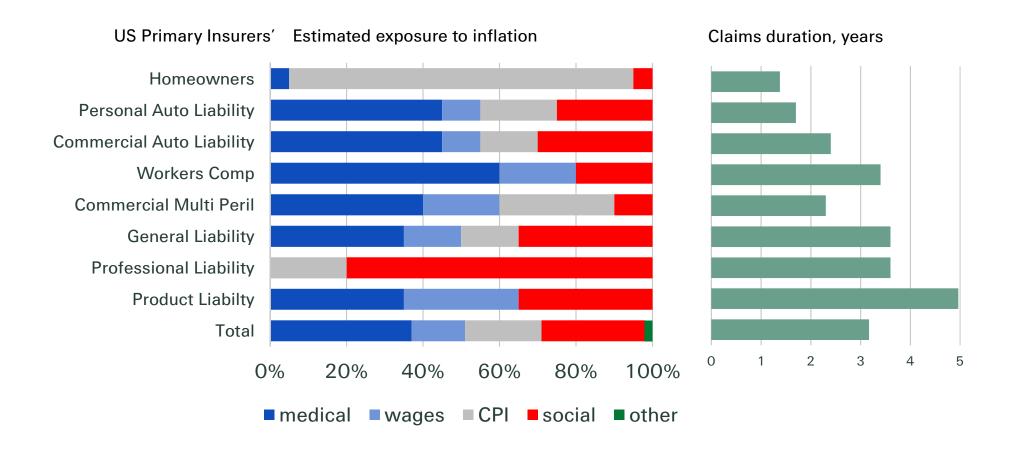
Inflation for goods is flat for the last two decades – more pronounced for services





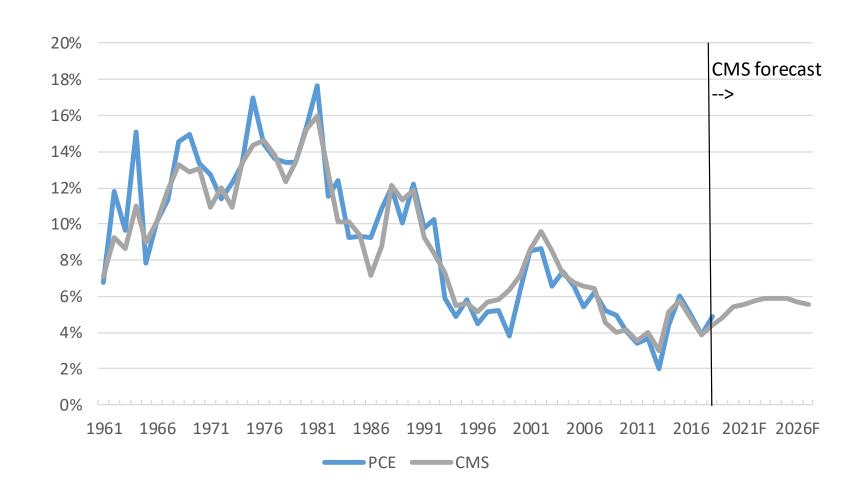


Not all inflation is created equal: medical, wage and social inflation exceed general CPI trends





Healthcare expenditure growth remains modest by historical standards, but well above headline inflation

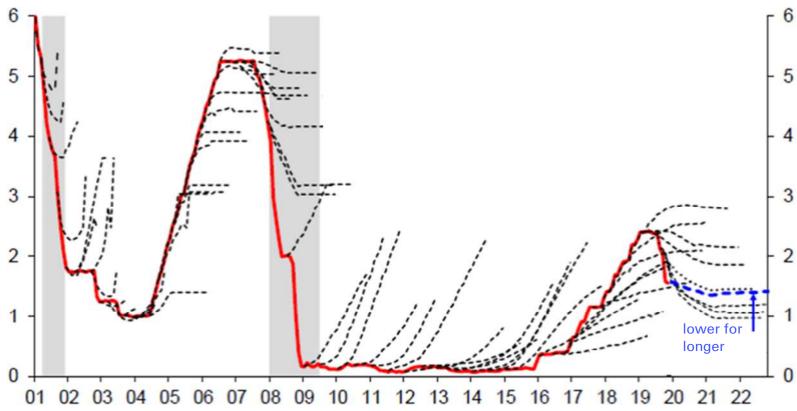




Lower and slower for longer is starting to sink in

- Markets have systematically overestimated rate increases while the IMF has continuously revised lower its global growth forecasts
- Over recent years, reality appears to have sunk in. The rates market now also expects a low for longer scenario

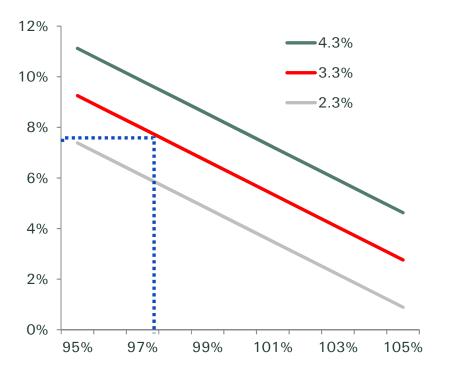
Fed funds futures at different points in time, in %



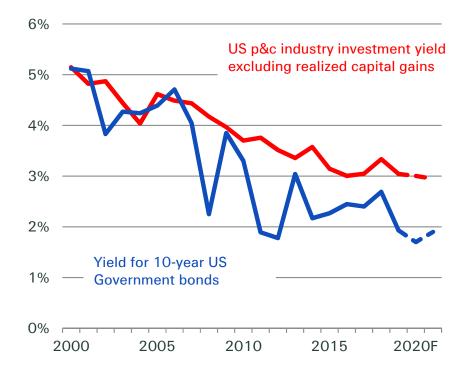


Trade-off between investment yield and underwriting → one point yield translates into ~ three points of combined ratio

Sensitivity of profitability (ROE) to investment yield and combined ratio



P&C insurers portfolio yields and US government bond market rates



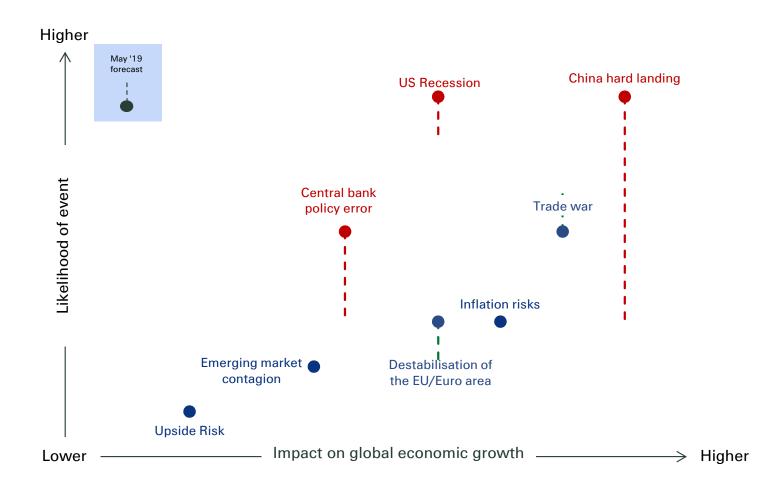




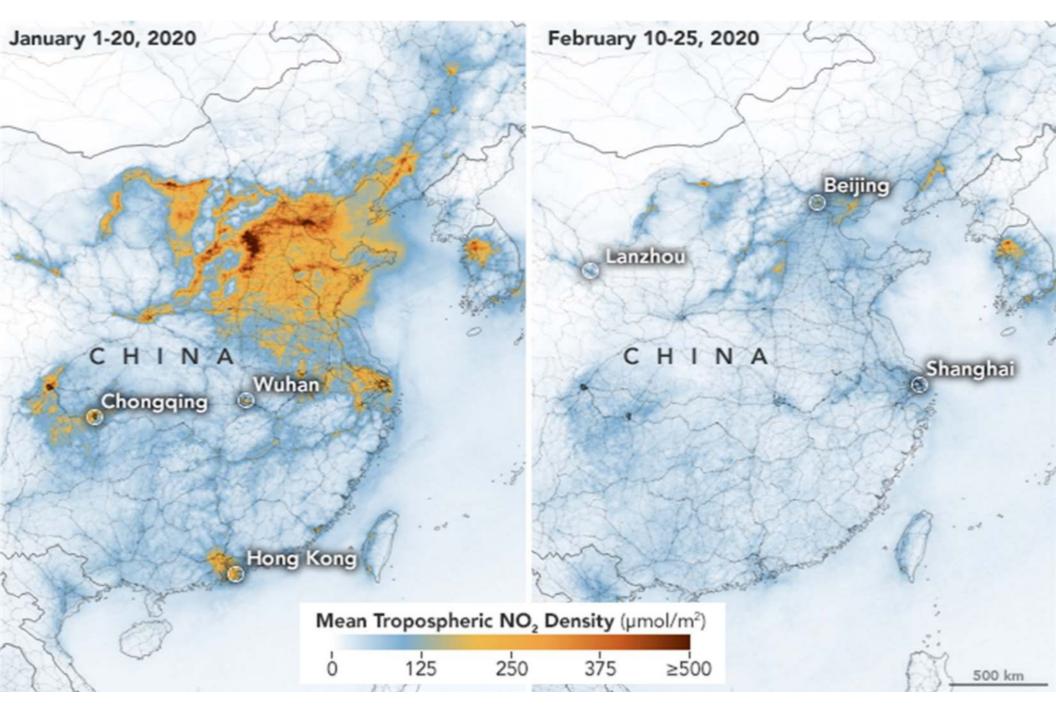
Swiss Re Institute

Macro risks

Risk landscape: COVID-19 related risks have increased







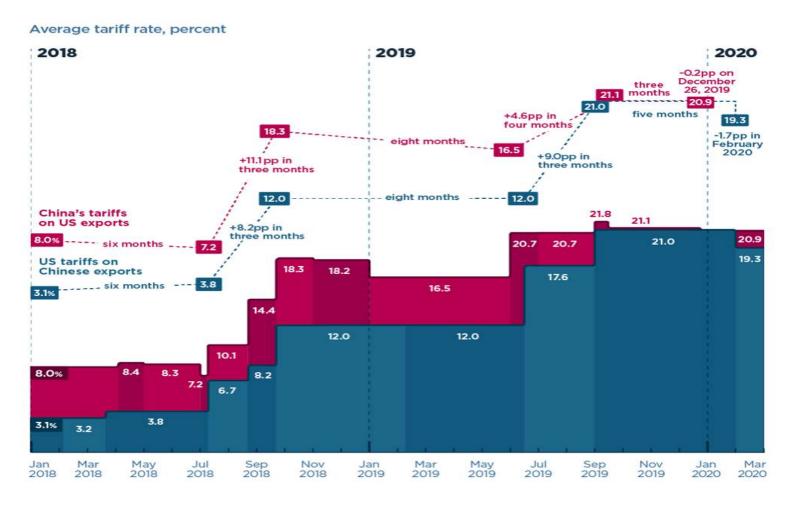


Source: NASA

Macro risks

US-China Phase One deal does not resolve the conflict

- Avg. US tariff on Chinese goods will only fall by 1.7pp up six-fold from pre-trade war
- Total US imports from China impacted by tariffs will still amount to roughly USD 375 bn



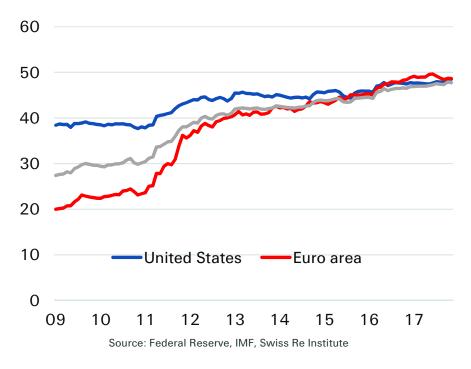


Macro risks

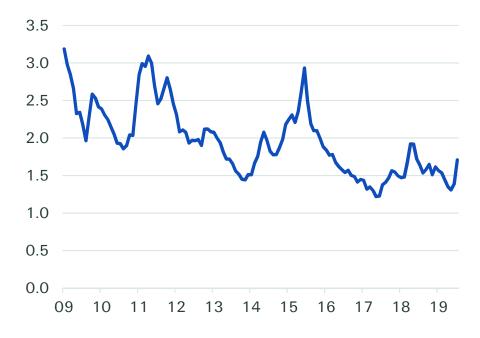
Vulnerabilities in the credit space

- More risk in IG market portfolio → more exposure to downward migration
- Recent surge in spreads reflects higher recession risks but levels remain low

Share of IG-Grade Index with BBB rating (percent of total IG bonds in market portfolio)



Corporate credit spreads, BBB (percentage points)





Planned increases in asset allocations - all insurers Search for yield in liquidity, credit and equity risk

American top 5

- Private equity
- Commercial mortgage loans
- Infrastructure debt
- Middle market corporate loans
- Collateralized loan obligations

EMEA top 5

- Infrastructure debt
- European investment grade corporates
- Private equity
- Middle market corporate loans
- Infrastructure Equity

Asia Pacific top 5

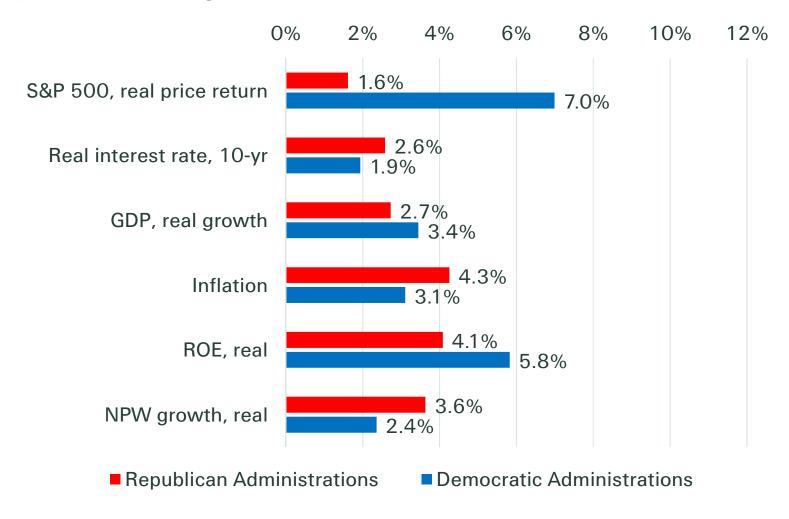
- Private equity
- Infrastructure debt
- Infrastructure equity
- US investment grade corporates
- Middle market corporate loans

Source: Goldman Sachs Asset Management - 2019 Insurance Survey



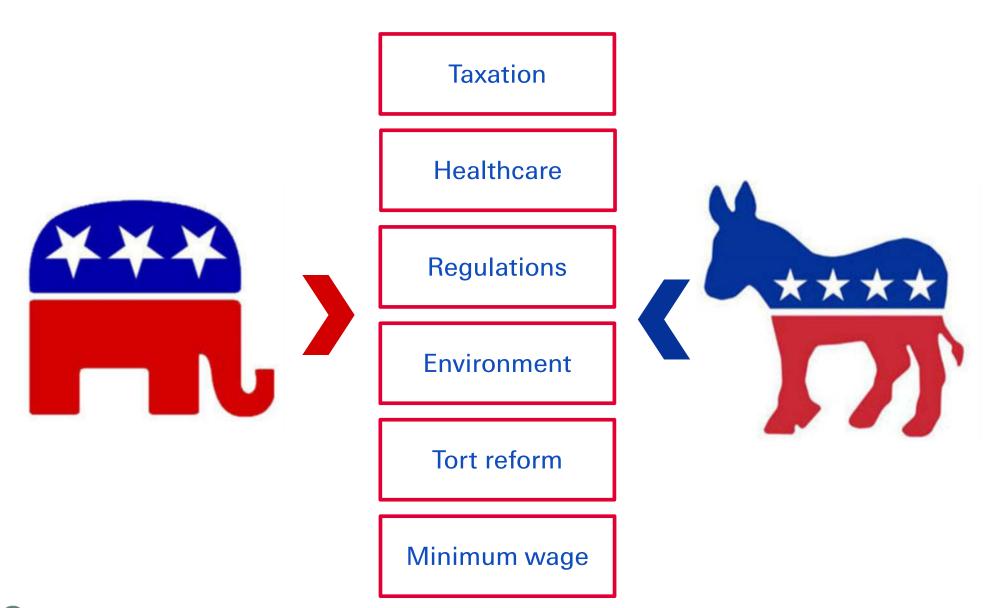
Do politics matter for P&C insurance?

60-year annual averages 1959-2019

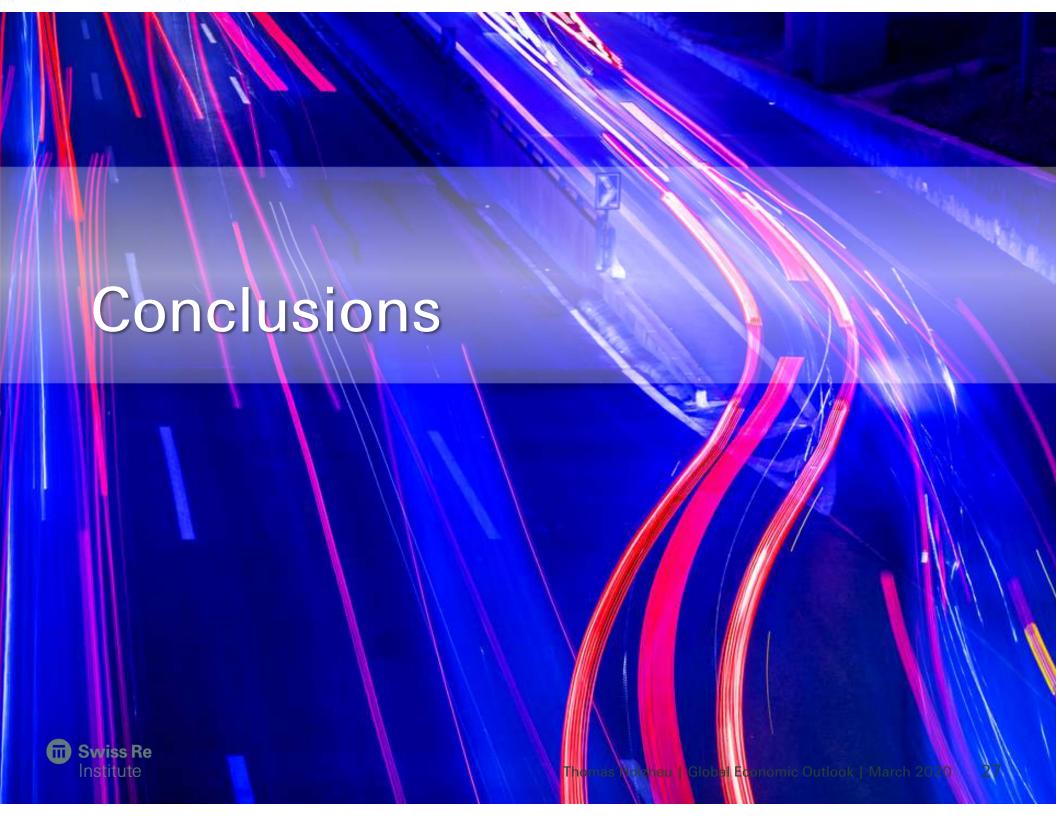




Elections add uncertainty for the insurance industry







Conclusions

- Global recession
 - US recession risk is elevated at 40% in 2020
 - Fed cutting 100 bps, downside risks still dominate
- Interest rates are lower for longer
 - The ECB and the Fed are forcing investors to take risk
 - lower yields erode earnings potential
- Inflation risks remain
 - Wage and health care inflation drive costs for services (and claims)
 - Social inflation driven by non-economic factors in society
- COVID-19 is dominant risk



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