

Global Economic and Markets Outlook

Commonwealth Bank
of Australia



As at 9 November 2018

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- Domestic Corporate Bond Research
- Bonds/Semi's Relative Value Research
- Bonds/Semi's Most Useful Axe Sheets
- Corporate Bonds/FRN's Market Share (Equal)

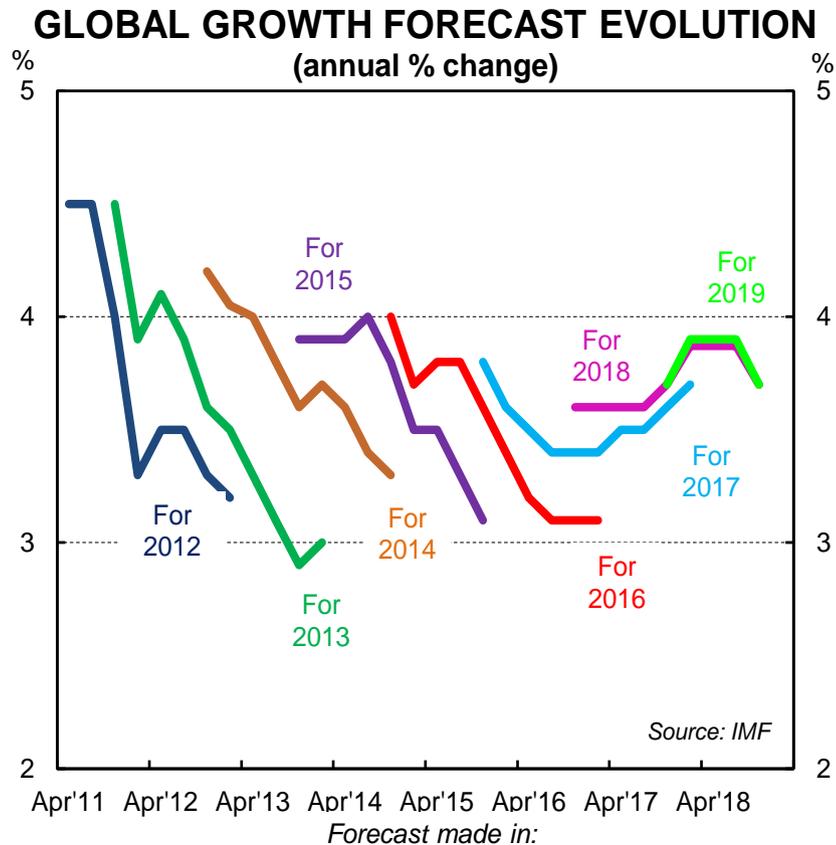


- Supranational Debt Overall Quality of Service
- Bonds/Semi's Domestic Market Flow Feedback
- Short Dated Securities Market Share

Global

Global Backdrop – Solid (but slower) growth

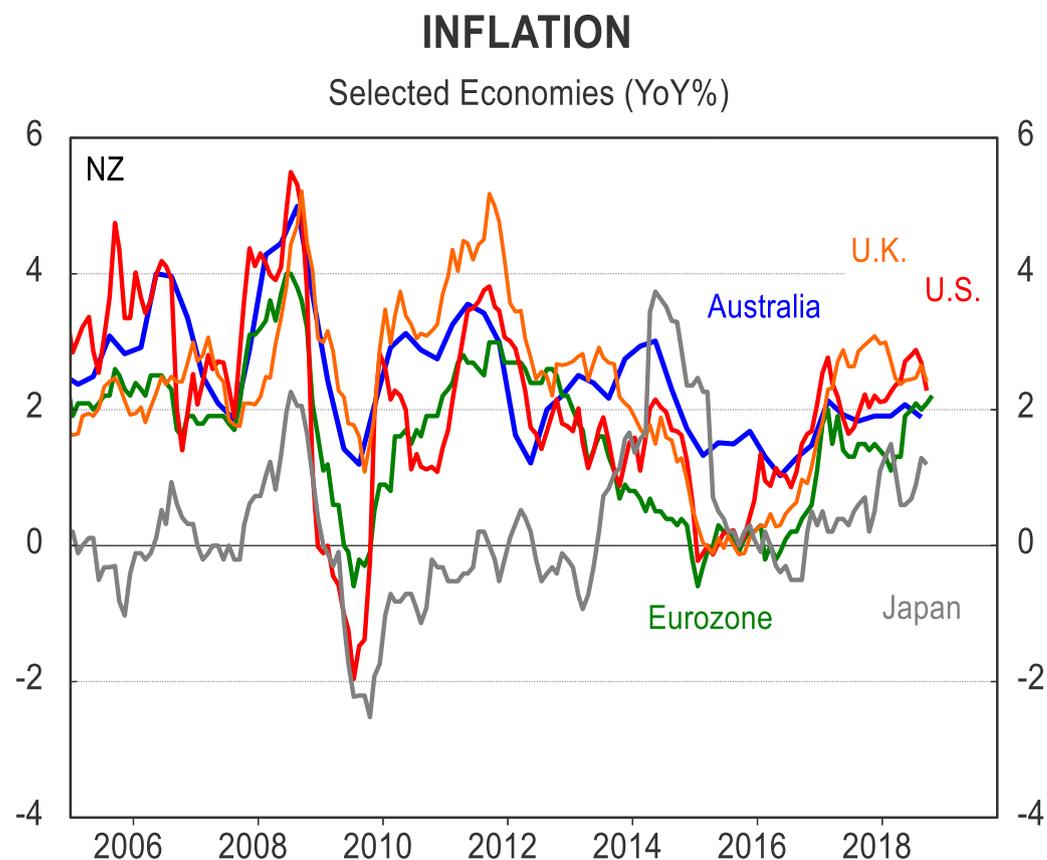
Global growth continues – but acceleration phase is over...



- A synchronised global upturn characterised 2017 and H1 2018.
- But growth can't accelerate forever.
- Rising trade tensions mean global risks have starting to tilt down again.
- The IMF have nudged down their global growth forecasts for the first time since 2016.
- The IMF has global growth running at 3.7%/yr over 2018-20 (or just above the post-financial crisis average).
- Higher US interest rates, higher oil prices and tighter financial conditions were the other main reasons for the downgrade.



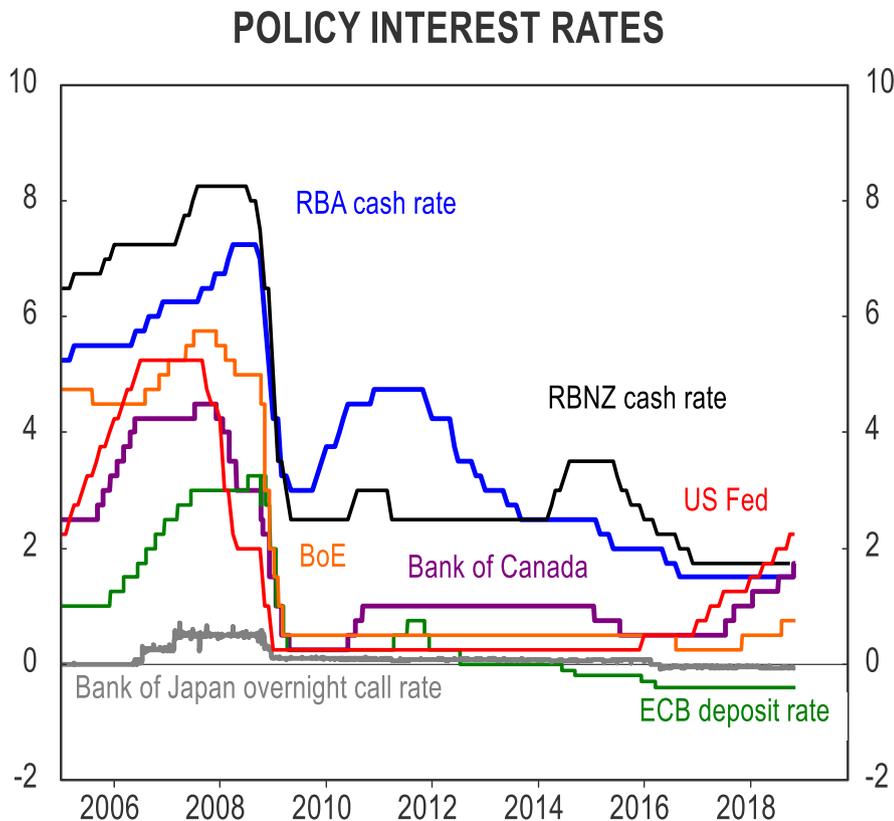
Global Backdrop - Inflation Moving Up



Source: Thomson Reuters Datastream

- **Headline inflation rates in the advanced economies (excluding Japan) are around the central bank targets.**
- **This has added to financial market volatility as central bank policy expectations have been reassessed.**
- **Underlying inflation rates remain relatively subdued – so interest rates can rise only gradually.**

Global Backdrop - Official Rates Rising

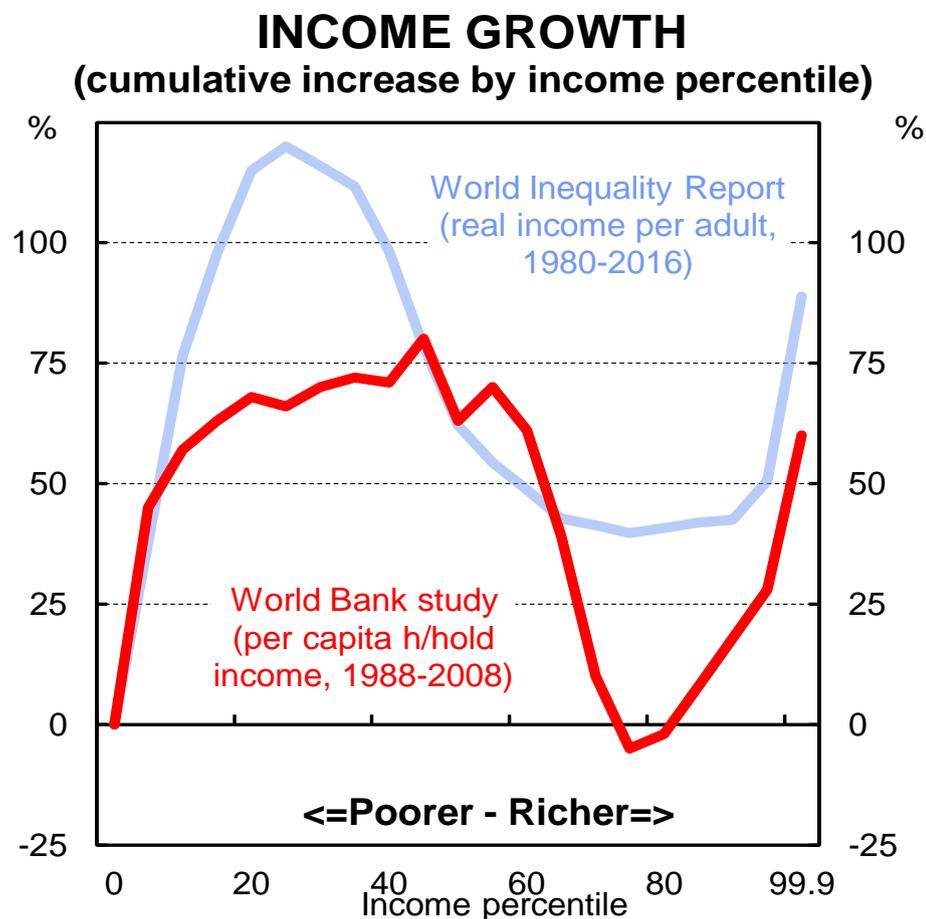


Source: Thomson Reuters Datastream

- Solid economic growth and an upward trend in inflation is one where ultra-easy monetary policy settings are no longer required.
- Nevertheless, policy makers are moving cautiously, outside the US.
- Policy interest rates expected to remain low by historical standards.
- US Fed expected to continue to lift rates in 2018 and 2019.
- BoE and BoC already lifted rates this year. A little more to come.
- ECB, RBNZ and RBA expected to be on hold for longer before rates eventually move higher.
- BoJ will be the exception and hold rates at historic lows.



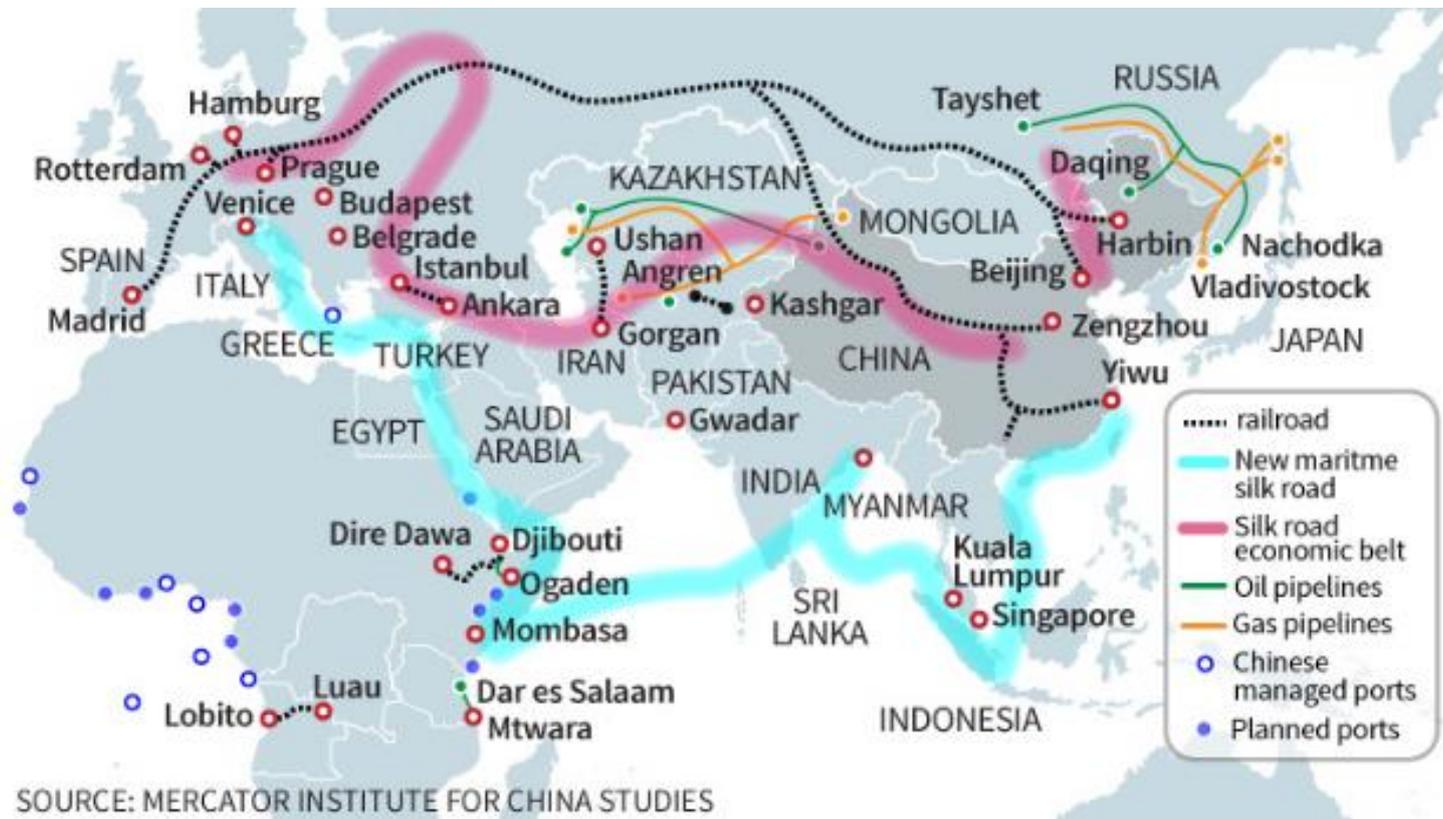
Global Risks & Opportunities – Income inequality



- A strong vein of global disillusionment is influencing economic trajectories and political outcomes - driving financial markets.
- There is a need for the benefits of economic reform to carry everyone forward. The “elephant curve” suggests some are missing out:
 - developed by the World Bank, and an updated by the World Inequality Report;
 - Ranks the world’s population from poorest to richest;
 - Shows income growth from 1988-2008 and also 1980-2016.
- A significant group in the 70-90th percentile (advanced economy middle income earners) went nowhere.
- One result has been the rise of populist politics.

Global Risks & Opportunities – China evolution

Belt & Road – a new “China”?



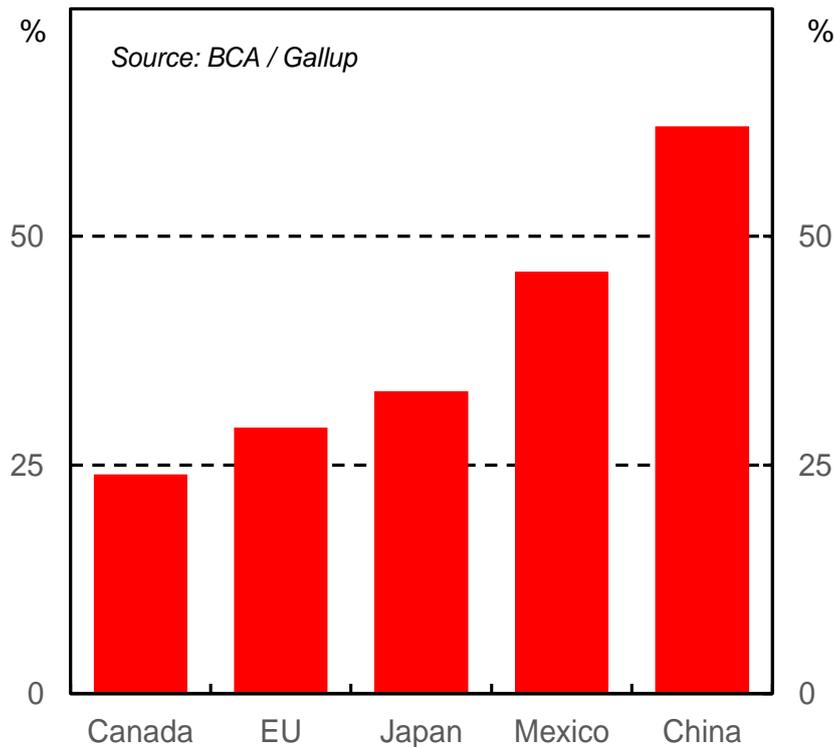
- China's 'Belt and Road' initiative could be an upside source of growth for the global economy.
- But another China-type commodity supercycle seems unlikely.



Global Risks & Opportunities – Trade ‘war’

A political solution?

TRADING RELATIONSHIP PERCEPTIONS (% of Americans seeing relationship as unfair)

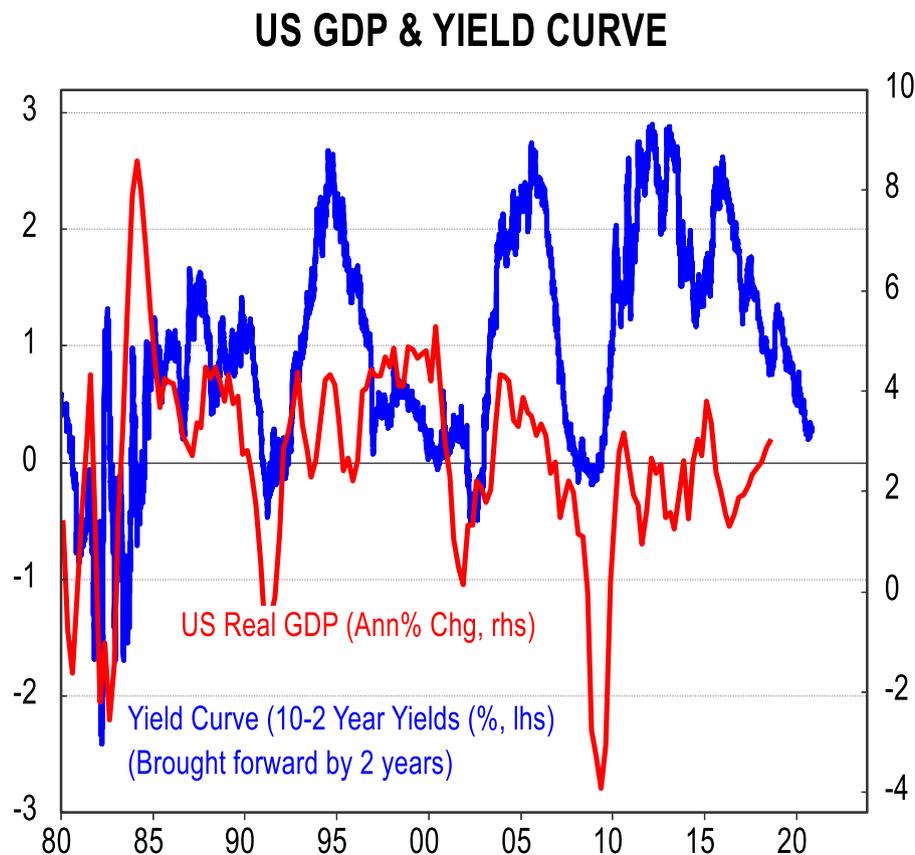


- The political dynamics behind the trade ‘war’ and the relatively small changes in the USMCA (NAFTA 2.0) offered hope that a compromise can be reached with China as well.
- But US perceptions about the trading relationship with China are much more negative than other countries the US has negotiated with.
- Risk is that the US-China dispute is harder to resolve.
- The direct impact of curtailing US and Chinese exports looks small relative to economic size.
- The bigger hit is to those involved in global value chains with China and the US.



Global Risks & Opportunities – A flatter yield curve

A flattening yield curve could signal a US recession



Source: Thomson Reuters Datastream

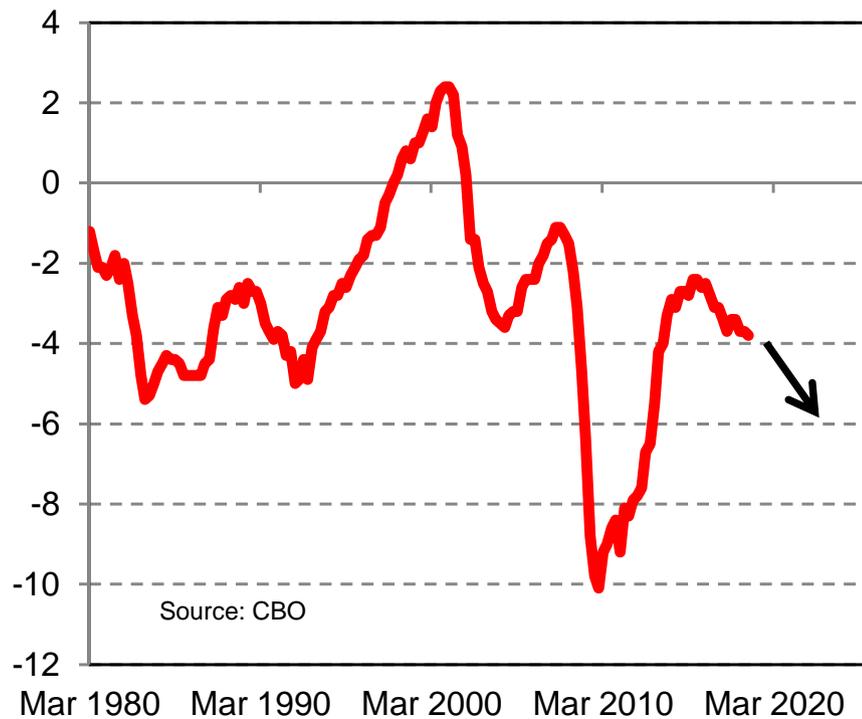
- The US 10yr-2yr yield curve has been flattening over the past two years and longer-term since late 2013.
- History shows the yield curve has been a reasonable predictor of past US recessions.
- There could be a difference this time due to the term premium component remaining at very low levels.
- This could reduce the information content from the flatness of the yield curve.
- But the flattening yield curve could be sending a warning signal of US recession around 2020-2021.



Global Risks & Opportunities – US Budget deficit

Rising US Budget Deficit

US BUDGET DEFICIT (% GDP)



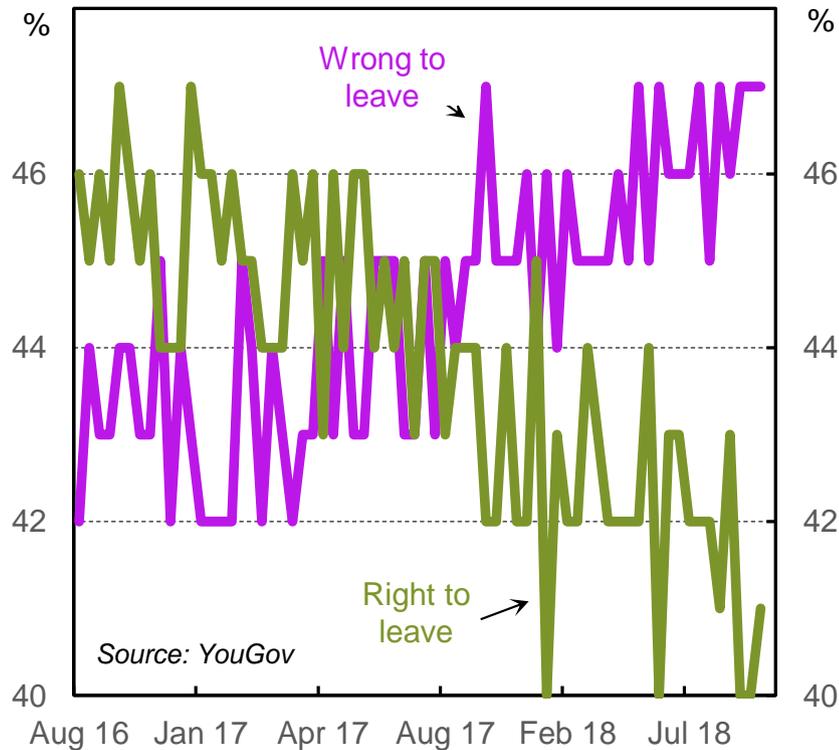
- Significant US fiscal policy stimulus has boosted the US economy.
- The tax cuts are worth about 0.6% of GDP in 2018 and 1.0% in 2019.
- There are some spending increases as well.
- But, the US Budget deficit is rising even in the context of a strong economy.
- This will add upward pressure to US bond yields.
- Concerns remain around the size of the Budget deficit, especially once the US economy slows.
- Could hit 5% of GDP or even higher!
- Who will pay for this?



Global Risks & Opportunities – Brexit

Brexit

UK: RIGHT OR WRONG TO LEAVE EU? (% of total)

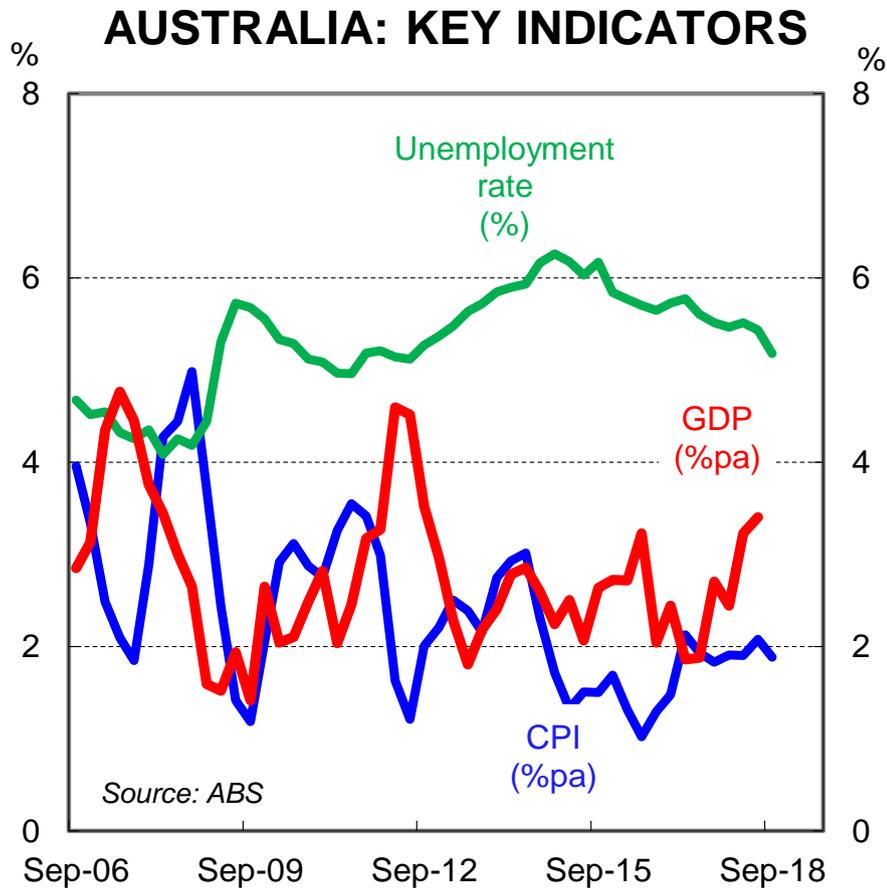


- A degree of “Bremorse” has set in.
- Chances of a hard exit have lifted.
- The longer negotiations take the more the downside becomes apparent and the greater the chance of “Bremain”.



Australia

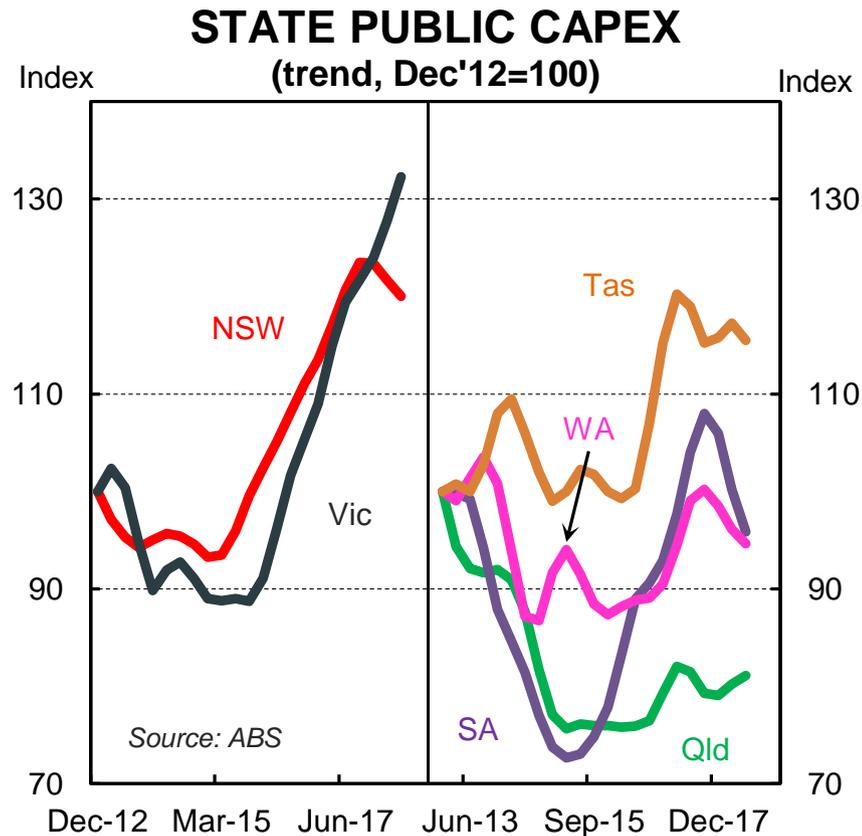
Australia In Perspective



- The economic expansion is in its 28th year – the last recession was in 1990/91.
- Unemployment is (slowly) trending down.
- Inflation rates are low near 2%/yr.
- Public finances and the financial system remain in respectable shape:
 - the AAA credit rating remains;
 - the financial system is well capitalised and managing the risks.
- Policy makers retain some firepower:
 - policy interest rates are well above zero;
 - the OECD estimates that Australia has considerable “fiscal space”.
- The generational benefits of the resources boom and the Asian emergence continue.



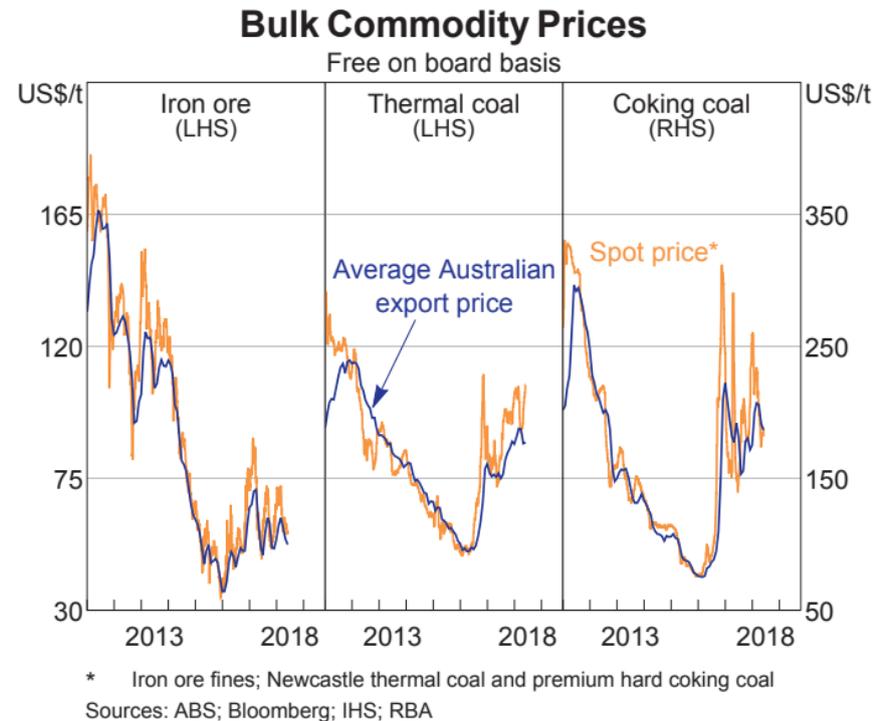
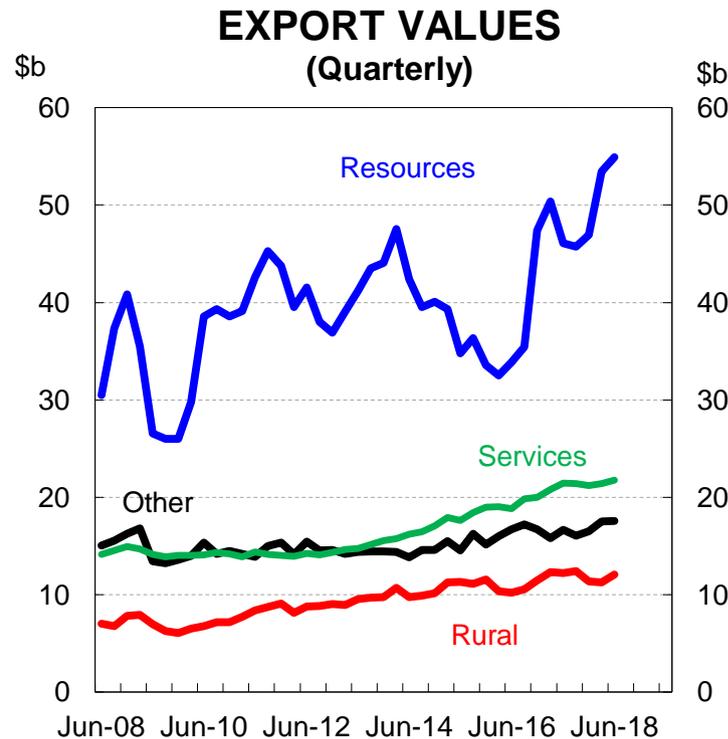
Infrastructure spending supporting growth



- The States are responsible for most infrastructure spending.
- After a long period of disappointing outcomes, spending is now growing strongly.
- Ramping up infrastructure spending is also now a major Commonwealth fiscal theme.
- Moving beyond transport infrastructure to include social infrastructure projects.
- Asset recycling programs can prolong the cycle.

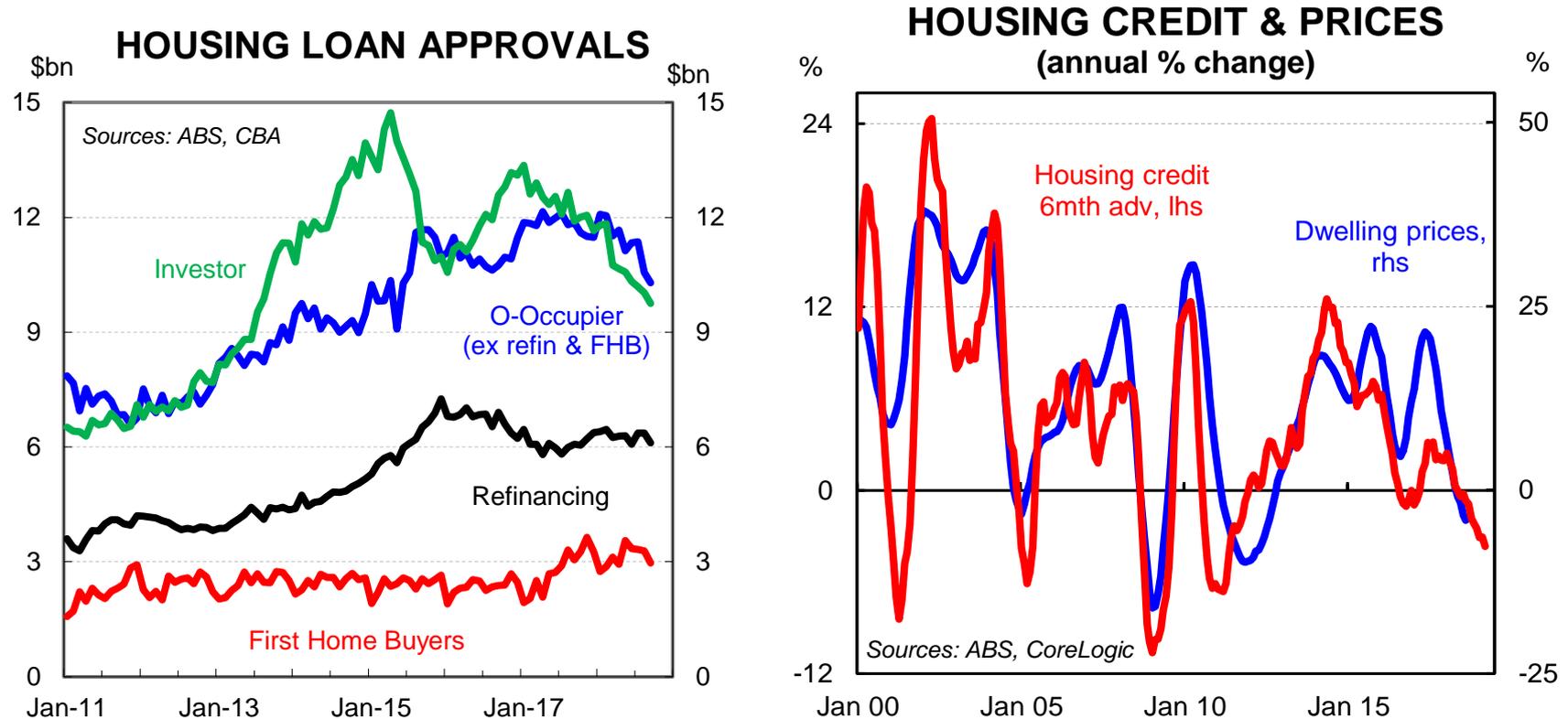


Export sector performing strongly



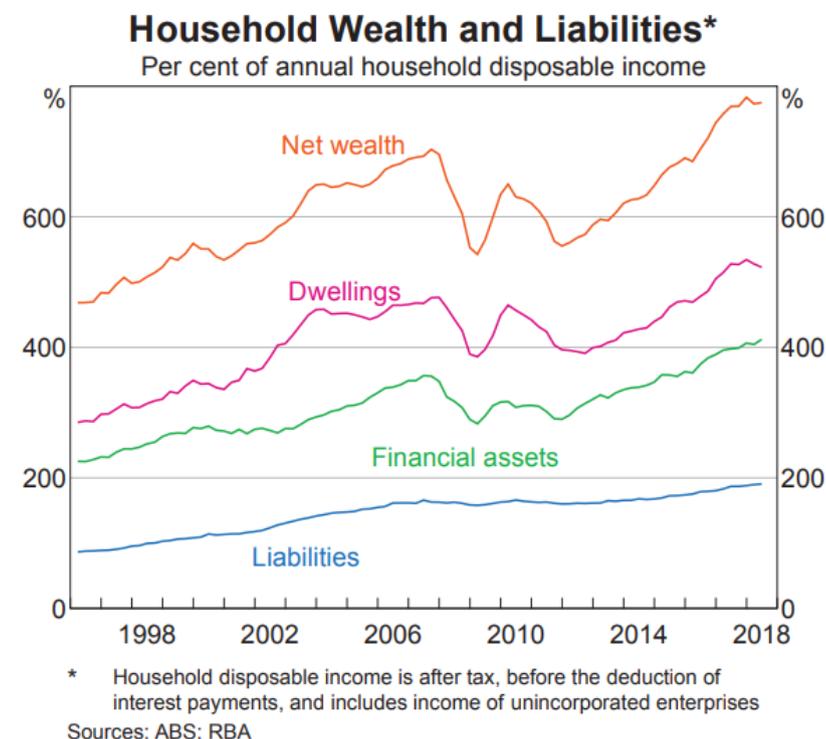
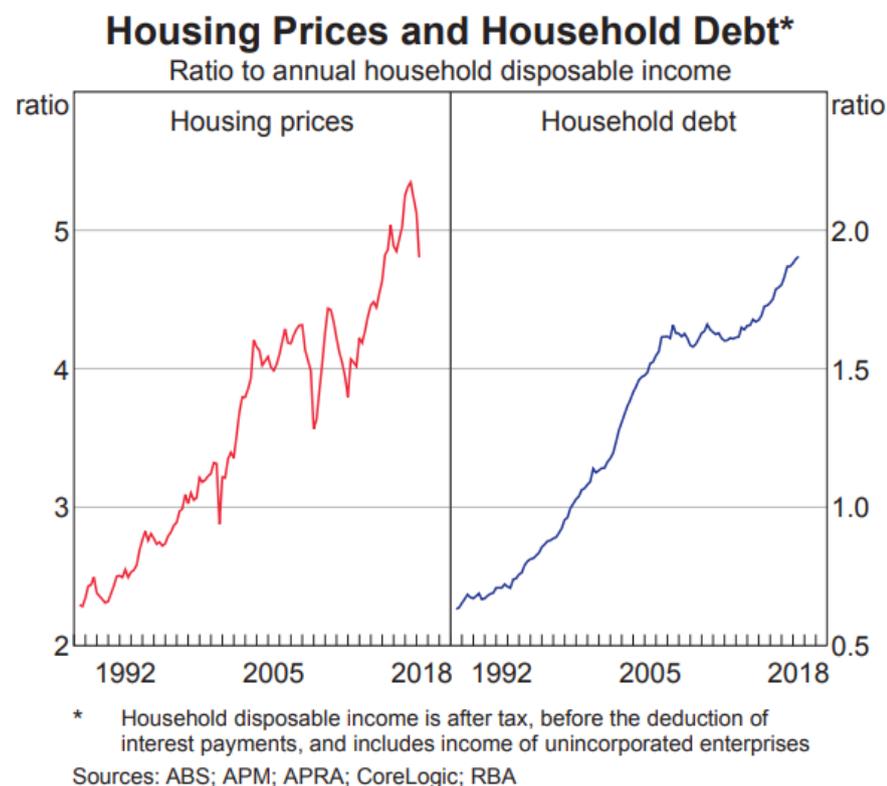
- Resource export volumes continue to rise on the back of a surge of production. LNG coming on stream through 2018. Will take over from metallurgical coal as the second largest export (behind iron ore).
- Services exports are also rising sharply, driven by Tourism and Education.
- Net exports should provide a positive contribution to growth in the years ahead.

Housing market showing the strains



- The flow of credit to the housing market has slowed.
- This has fed through to decline in house prices, especially at the upper end of the market in Sydney and Melbourne.
- Population growth means we still need more houses/apartment built.

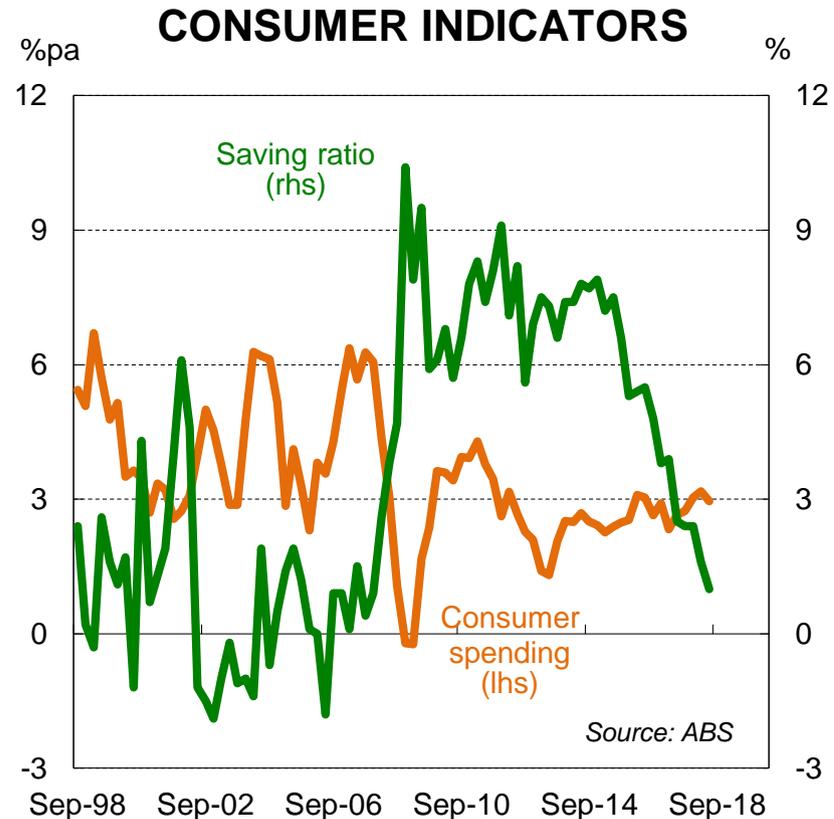
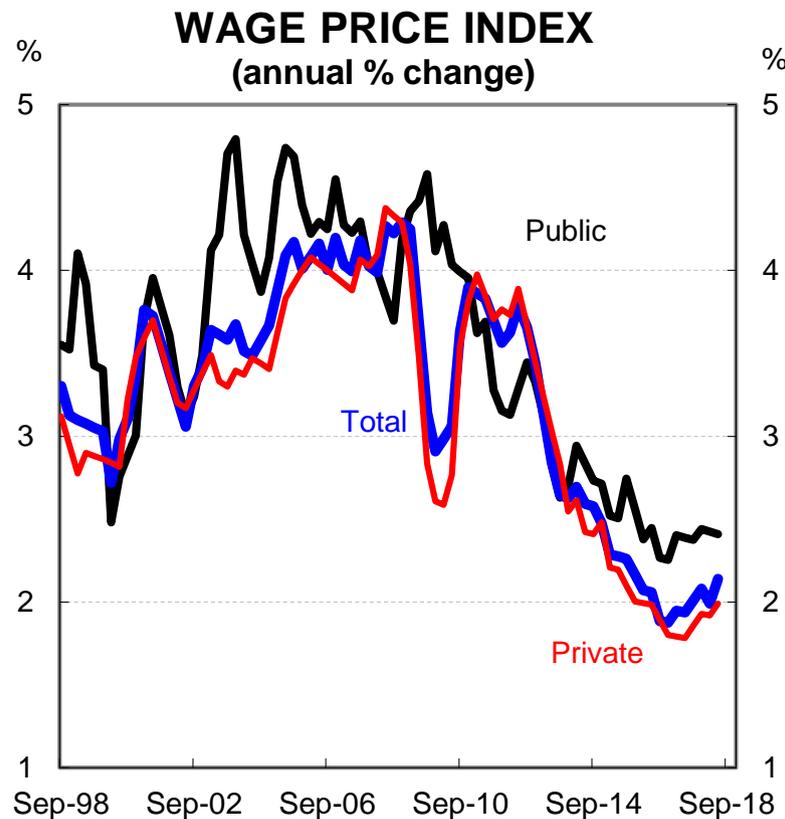
Household debt is high as wealth effect moderates



- Australian household debt is high by historical standards and very high by global standards.
- This could limit the households ability to spend.
- Household wealth remains high – but is no longer rising.



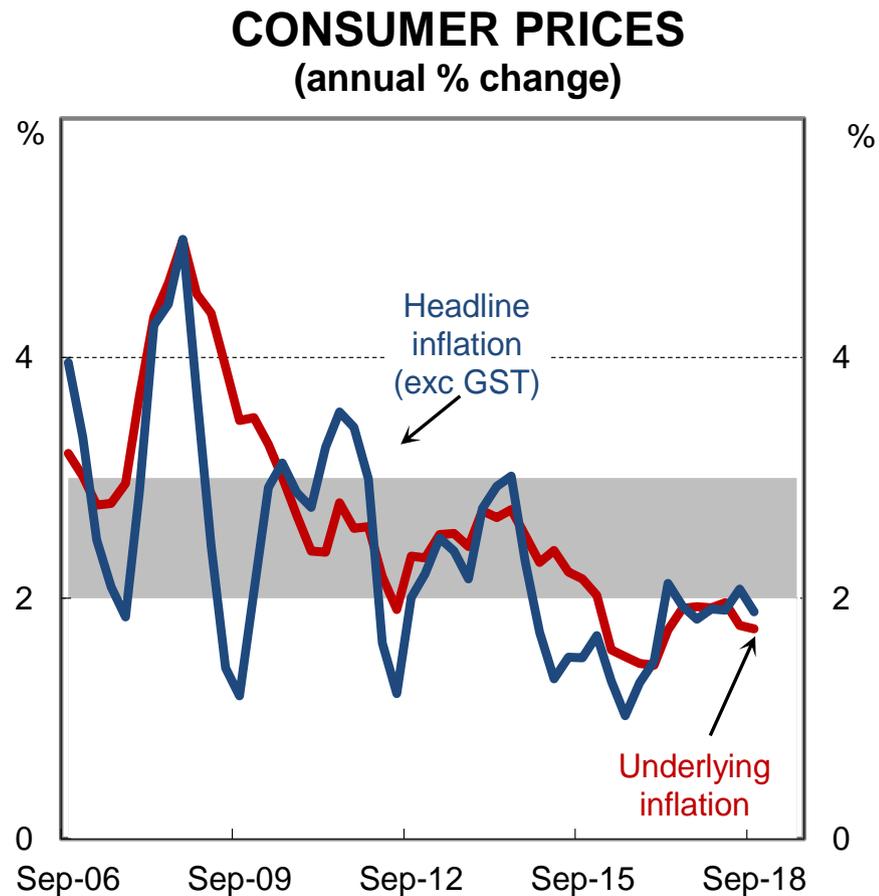
Wages and spending



- Annual wages growth at 2.1%/yr, just off record low of 1.9% but slowly trending higher.
- The household savings rate has also fallen as households try to maintain consumption with little income growth.
- An increase in real wages growth will be critical for the consumer sector.



Inflation and Monetary policy



- **Headline** inflation printed at 1.9%/yr in Q3 18.
- This puts the inflation rate just below the RBA's 2%-3% target.
- **Underlying** inflation is also seemingly stuck below the 2%/yr lower target band.
- Governor Lowe notes "it is likely that the next move in interest rates will be up" but any change "is some time away".
- **CBA House view:**
 - First rate rise pencilled in for November 2019;
 - Expect any tightening cycle will be cautious, drawn out and peaking at just 2.5%



Summary

Global

- Backdrop to remain favourable although risks from trade tensions are rising.
- Watch; Brexit, US divided Congress and US-China trade and China economy.

Australia

- Economic growth to be reasonable – around 3% over 2018/19.
- Unemployment rate to grind a little lower at approx. 4.75%-5%.
- Income and wages growth to be constrained due to spare capacity in the labour market.
- Interest rates to stay low – cash rate on hold at 1.5% till Q4 2019 at the earliest.
- Dwelling prices to continue to correct lower in Sydney and Melbourne, but a hard landing is unlikely.
- AUD to drift lower in near-term on stronger USD and interest rate differentials, but better supported medium-term on lower Current Account deficit.
- Equity markets supported by good economic growth globally and locally, but risks are building.



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