The post-COVID19 economy

Where to for Australia & Western Australia

AAAC WA - OUTLOOK 2021 Conference November 2021

Stephen Koukoulas Market Economics



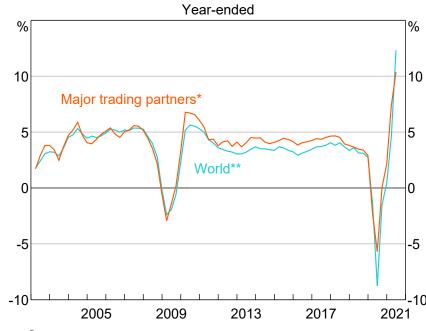
The 2022 economic recovery will be strong

- Consumers are cashed up & are starting to spend
- There are labour & skills shortages wages growth is poised to surge as unemployment falls to multi-decade lows
- Inflation is lifting for the first time in a decade on track for 3%
- Where inflation goes, interest rates follow: Get set for rate hikes in 2022
- The Aussie dollar risks to downside

Global recovery from COVID-19 has been powerful

- The COVID-19 global recession in 2020 was deep, severe, but relatively short-lived
- Huge policy stimulus supported growth in 2021 – most central banks cut interest rates to near zero & they printed money
- 2022 is shaping up as another year of solid strong growth around much of the world, but interest rates will rise

GDP Growth – World



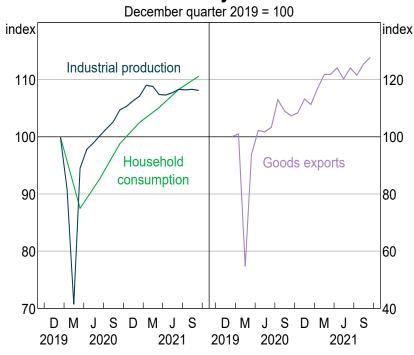
- * Weighted using Australian export shares
- ** PPP-weighted; accounts for 85 per cent of world GDP

Sources: ABS; CEIC Data; IMF; RBA; Refinitiv

China recovered strongly in 2020 but is now slowing

- China's economy was hit hard by COVID, but has recovered strongly since the middle of 2020
- The structure of growth is tilting away from manufacturing & industrial production towards domestic consumption
- The export sector remain a key driver of China's economic momentum

China - Activity Indicators



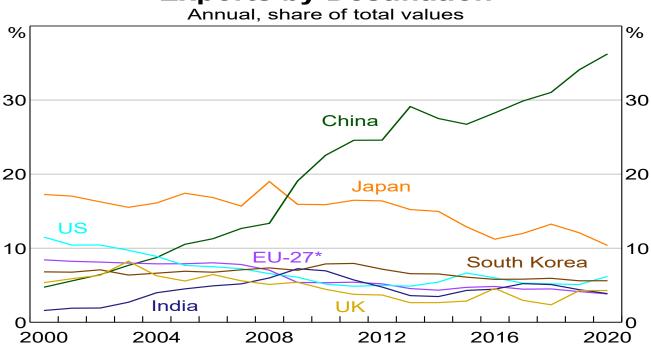
Sources: CEIC Data; RBA

Seasonally adjusted by the RBA

Sources: ABS; Department of Industry, Science, Energy and Resources; RBA

A simple chart – why China matters to Australia

Exports by Destination

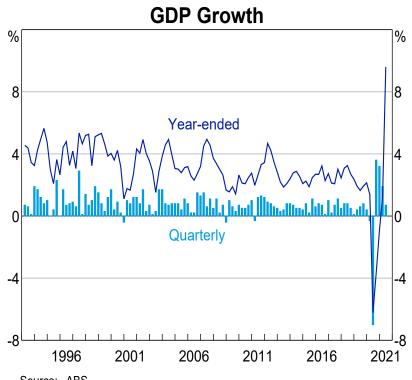


* The series has been revised to exclude the UK

Sources: ABS; RBA

Australia's economy has extreme ups and downs

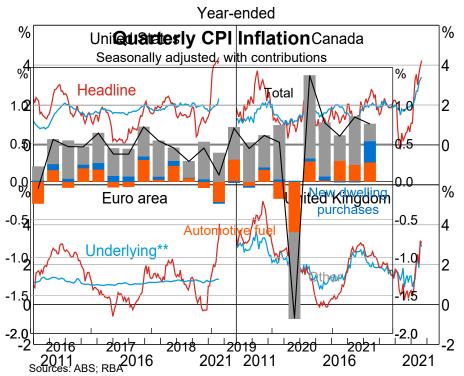
- The Australian economy slumped, boomed and slumped again in reaction to COVID lockdowns and openings
- After what will be a sharp downward hit to GDP in Q3 2021, a strong rebound is underway for the remainder of 2021
- 2022 is sharping up as a year of very strong growth, driven by a consumer spending & a recovery in business investment



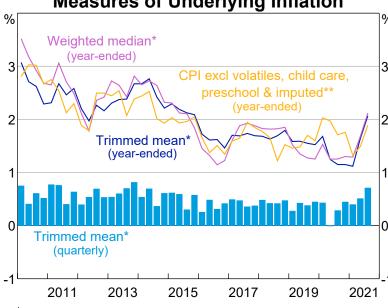
Source: ABS

Higher inflation – transitory or entrenched?





Measures of Underlying Inflation



- Seasonally adjusted
- Not seasonally adjusted; excludes fruit, vegetables, automotive fuel, child care, preschool & primary education and items that were imputed using headline CPI for all capital cities in the June or September quarter 2020

Sources: ABS: RBA

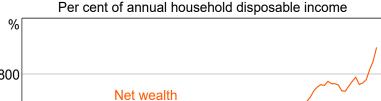
There is a powerful wealth effect – houses & stocks

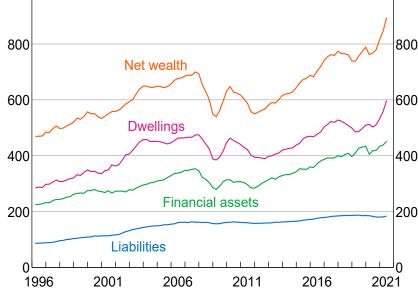
ng Prices and Household Debt*
Ratio to household Sispasable in Come OCUS on Australia's sing hieusehold rachtatate by hichias high

- On the other side of the ledger, is an incredible lift in assets
- Assets liabilities = net wealth
- Net wealth/has never been higher as house prices & the ASX hit record "" highs ฟูฟูเล่า หลาย in ของ the rise in

d disposition of the deduction of syments, and includes income of unincorporated enterprises CoreLogic; RBA

Household Wealth and Liabilities*



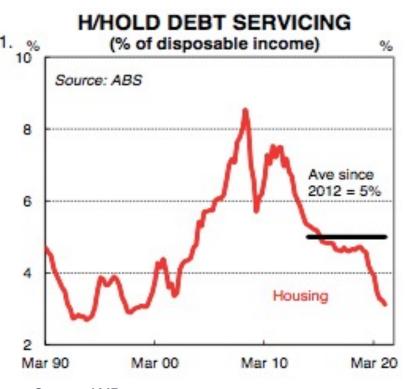


Household disposable income is after tax, before the deduction of interest payments, and includes income of unincorporated enterprises

Sources: ABS; RBA

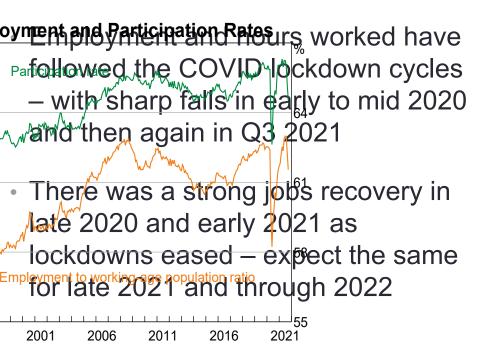
Householders debt costs are near record lows

- The decade-long interest rate cutting cycle, with mortgage rates now at record lows, has seen household debt servicing costs slump
- This is despite the surge in house prices
 & near record levels of household debt
- This is a major benefit for household cash flows which is positive for future consumer spending

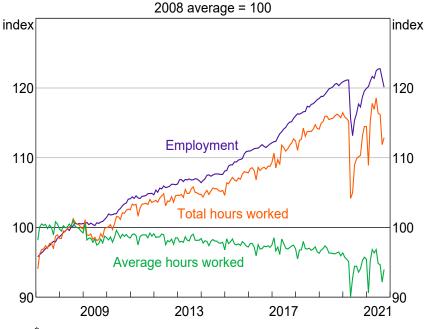


Source: AMP

The labour market hit a Delta air-pocket







* Seasonally adjusted Sources: ABS; RBA



2001

* Seasonally adjusted Sources: ABS; RBA

2009

Demand for workers booming

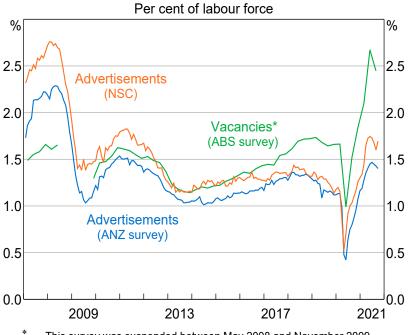
- economy & this is showing up in a lift in job ads & vacancies
- There is evidence of severe skill
 shortages business plans are under
 threat without the workers
- International borders are slowly reopening—this will help business meet belougedemand, but the other works street burst meriges will be a lift in wages

Job Vacancies and Advertisements

2013

2017

2021



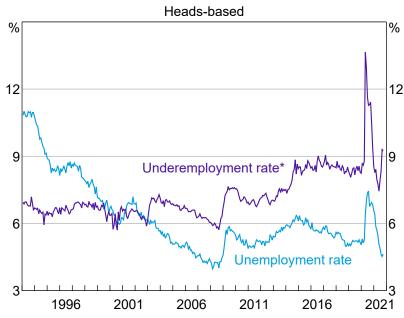
^{*} This survey was suspended between May 2008 and November 2009 Sources: ABS; ANZ; National Skills Commission (NSC); RBA

Source: ABS

Labour market – the focus for 2022

- The policy issues for 2022 will be all about low unemployment, rising wages growth & how these feed into inflation
- The unemployment rate is on track to hit 4%, possibly lower, which would be a level not seen in over 40 years
- As the economy opens underemployment will also fall, which will underscore wage increases

Labour Underutilisation Rates

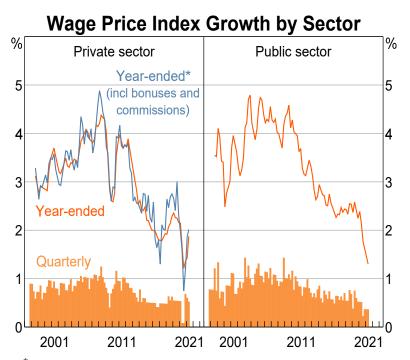


* Full-time workers on reduced hours for economic reasons and part-time workers who would like, and are available, to work more hours

Source: ABS

Private sector wages are already picking up

- A feature of the economy pre-COVID was the steady fall in wages growth
- This continued in the first stage of the pandemic when many public service wages were frozen & in the private sector, wage claims weakened
- There is evidence that private sector wages are picking up – skills shortages will push wages growth higher in 2022



^{*} Non-seasonally adjusted

Source: ABS

Advanced Economies – Services Activity

Compared to 2019, smoothed

Australiant riouse prices versus other countries

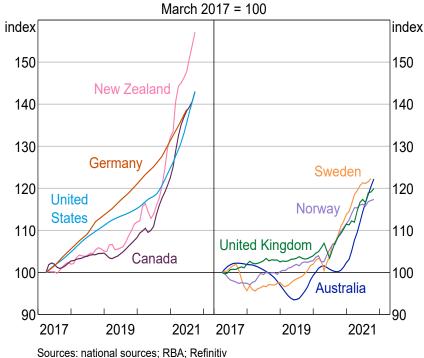


• Rises are similar to the UK, Sweden

Reviation from January 2020 Globar, Includes theight

Sources: CEIC Data; Flightradar24; Google LLC (2021), 'Google COVID-19 Community Mobility Reports', viewed 4 November 2021. Available at https://www.google.com/covid19/mobility/; OpenTable; RBA

Housing Price Indices





Sources: Banks' websites; CANSTAR; RBA; Refinitiv Record low interest rates will end

Housing Interest Rates*

• Palits Adin Mass COVID-19 policy response er-ocwas to cut interest rates to record lows These low rates helped underpin the recovery via business investment & improved cash flows for householders who ramped up their spending and-interest

 Low rates are set to end soon as inflation pressures force the RBA to

of variable rate loans, based on EFS data

A; RBA; Compitisation System

Australian Business Lending Rates*

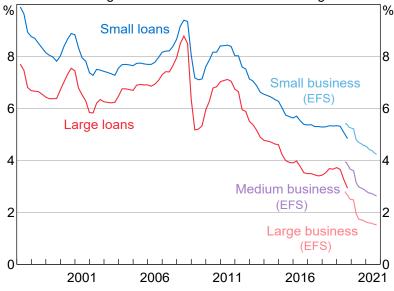
2006

2011

2016

2021

Average interest rate on credit outstanding



Small loans are loans less than \$2 million; large loans are loans \$2 million or more; new series from July 2019 are from the Economic and Financial Statistics (EFS) collection (see Statistical Table F7)

Sources: APRA: RBA

1996

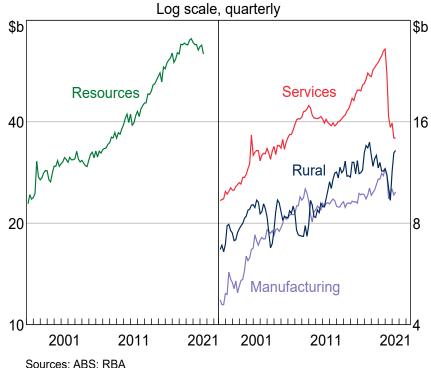
2001

Available to owner-occupiers

Australia's exports are mixed – rural volumes rise

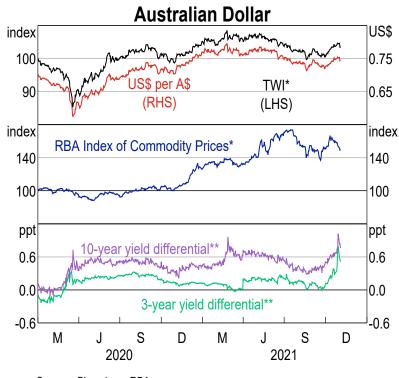
- Australia's exports are heavily reliant on the resources sector.
- In recent times, resources exports have edged lower while services exports have slumped on the back of a decline in international tourism & education
- Rural export volumes were hit two years ago by severe drought conditions but are now in a strong upswing

Export Volumes



Aussie dollar has been steady – set to edge lower

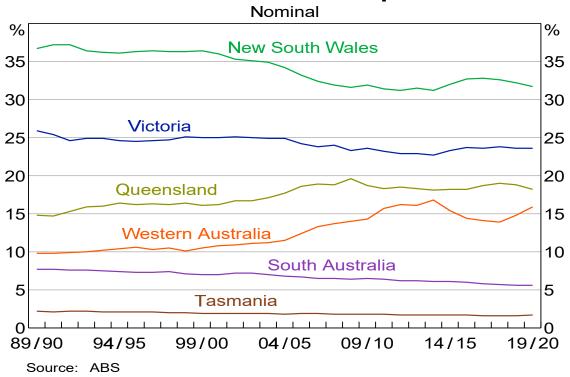
- Since the fall in early 2020, the Aussie dollar has been in a range of 71-78 US cents. The key drivers of the Aussie are currently pulling in different directions
- Commodity prices are trending down, most notably iron ore, while the interest rate gap is widening
- On balance it looks like negative influences will prevail – 68 US cents in early 2022



Sources: Bloomberg; RBA

WA growing in importance – will overtake QLD soon

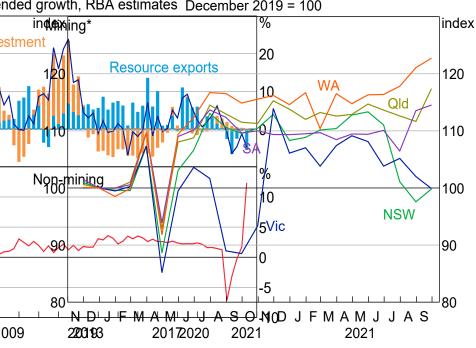
State Share of Output



WA doing well in lock down

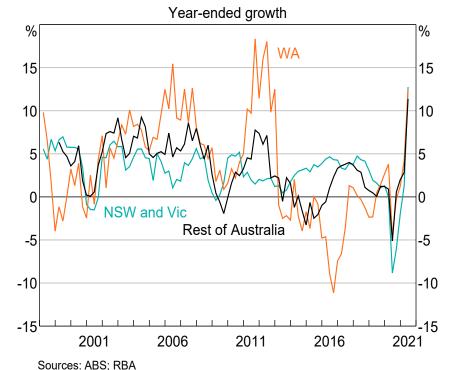
Sources: ABS; RBA





State Final Demand

Mining investme

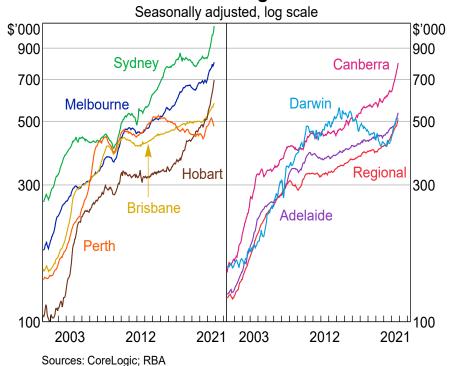


rd imports; co**spones**tsA**នទ**ូលុ**ក្**រដូរbutions to activity growth; contribution from changes in

Perth house prices were weak – now recovering

- House prices have been booming over the past year with all cities rising at a strong pace
- The situation in Perth has been distorted by the near decade long period when house prices were flat to lower – the end of the mining investment boom drove this weakness
- Even now, Perth prices are lower in 2013

Median Housing Prices



Key issues and risks

- We could see a faster economic pick up inflation & wages even stronger than expected. Unemployment to 4% ... or less
- This would see interest rate hikes in 2022 watch the labour market data & news of skills shortages for clues
- Will housing top out? That extra supply hitting the market?
- The election a close run race
- Links with China?