

# **WESTPAC** **Coast-to-Coast** **September 2022.**

AUSTRALIA AND  
THE GLOBAL ECONOMY

**WESTPAC INSTITUTIONAL BANK**



## Westpac Economics

### Westpac Economics

#### Sydney

Level 2, 275 Kent Street  
Sydney NSW 2000  
Australia  
Telephone (61-2) 8254 8372  
Facsimile (61-2) 8254 6907

#### Bill Evans

Chief Economist  
Global Head of  
Economics & Research

#### Elliot Clarke, CFA

Senior Economist

#### Andrew Hanlan

Senior Economist

#### Matthew Hassan

Senior Economist

#### Justin Smirk

Senior Economist

#### Ryan Wells

Associate Economist

### New Zealand Economics

#### Auckland

Takutai on the Square  
Level 8, 16 Takutai Square  
Auckland, New Zealand  
Telephone (64-9) 336 5671  
Facsimile (64-9) 336 5672

#### Michael Gordon

Acting Chief Economist

#### Satish Ranchhod

Senior Economist

#### Paul Clark

Industry Economist

#### Nathan Penny

Senior Agri Economist

### London

Camomile Court,  
23 Camomile St,  
London EC3A 7LL  
United Kingdom

### Singapore

12 Marina View  
#27-00,  
Asia Square Tower 2  
Singapore, 018961

### New York

39th Floor  
575 Fifth Avenue  
New York, 10017 USA

Westpac Coast-to-Coast produced by Westpac Economics

Authors: Bill Evans Chief Economist  
Andrew Hanlan, Matthew Hassan, Senior Economists  
Ryan Wells, Associate Economist

Email: [economics@westpac.com.au](mailto:economics@westpac.com.au)

This issue was finalised on 21 September 2022.

## Overview

Australian economic outlook: sharp slowdown in growth in 2023	4
States overview: reopening led by NSW and Victoria	6

## States

New South Wales: making up lost ground	8
Victoria: post-delta catch-up largely over	10
Queensland: strength in investment	12
Western Australia: gains moderate	14
South Australia: broad-based gains	16
Tasmania: in transition	18
Summary indicators	20



Start receiving your usual Westpac research and strategy reports from **Westpac IQ**.  
<https://wibiq.westpac.com.au/Subscribe>

Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Sharp slowdown in growth in 2023

The Australian economy expanded by 0.9% in the June quarter for annual growth of 3.6%. For 2023 we expect growth to slow to 1.0%. That solid growth in the June quarter was driven by strong household spending (around 54% of GDP) as the reopening of the economy saw a further boost to expenditure, particularly on discretionary services. This was accompanied by a substantial fall in the still elevated savings rate. We had anticipated growth in household spending of 2.6%, compared to the actual result of 2.2%. But spending growth in the March quarter was revised up from 1.5% to 2.2%, confirming our positive view of the household sector.

The detail around household spending was also in line with our thinking – the savings rate fell from 11.1% to 8.7%, effectively freeing up \$7.6bn to finance the additional \$10.8bn in spending during the quarter. Discretionary services boomed – transport services up 37%; hotels, cafés and restaurants up 8.8%; and recreation and culture up 3.6%.

As we discuss in this Report, the reopening effect over the first half of 2022 was most apparent in NSW and Victoria, as well as the ACT, as they emerged from the delta lockdowns of last year. Consumer spending in these states, relative to pre-covid levels and on a per capita basis, is getting closer to that in the other states – albeit still trails a little.

But residential construction contracted by 2.9% and non-residential construction (private and public) was down by 1.8%. This unexpected contraction in construction (subtracted 0.3ppt from growth in the quarter) represented around a 0.6ppt turnaround from our prior. As we note in this report, it is striking that new home building activity in the ‘delta states’ of NSW and Victoria, has remained below 2019 levels throughout the pandemic – despite the substantial policy stimulus. That is in sharp contrast to strong upswings in other states, cycles which have now moved into a downward trend.

Looking forward, we expect to see a slowdown in the growth rate of consumer spending in the September and December quarters. The reopening effect will begin to fade, and the recent interest rate increases will start to impact households. There were two rate hikes in the June quarter (0.25% in May and 0.5% in June). The impact on household finances from those two rate hikes in the June quarter will have been minimal. But by the September and December quarters, which has seen rate 0.5% increases in July; August; and September the impact will be substantial. We expect the cash rate to rise by a further 125bps, to a peak of 3.60% in February 2023.

We recently lifted our forecast for the terminal rate from 3.35% to 3.6%, reflecting the ongoing upward pressure on world interest rates and, with the exception of house prices, Australia’s current resilience in the face of rising rates – strong business confidence; record high capacity utilisation; a really tight labour market; anecdotal evidence of accelerating wage pressures; and acceptance from the Reserve Bank that the cash rate (as at early September) was likely still below that neutral level and therefore in stimulatory territory.

Although around one third of households hold a mortgage; one third are renters; and one third own their properties outright, rate increases impact all groups through a range of channels – the cash flow of borrowers; the indirect impact from investors who pass on higher funding costs to renters, particularly as rental vacancy rates are near record lows in many cities and regions; the wealth effect of falling house prices on those who own their properties outright and borrowers; and the recent collapse in Consumer Confidence. Nationally, house prices have already fallen by 4%, with our forecast of another 12% likely to follow through to the second half of 2023.

The contraction in construction in the June quarter has been attributed to weather delays and supply constraints. We expect to see construction lifting modestly through the second half of 2022 reflecting the build-up in the construction pipeline. A further contraction can be expected in 2023 as rising rates weigh on demand – effectively reducing the pipeline.

Reflecting these changes, we have lowered our growth forecast for 2022 from 4.4% to 3.4%.

Growth in consumer spending during 2022 is expected to slow from 4.4% in the first half of the year to 1.8% in the second half. But with the expected recovery in the construction cycle, with improving weather and easing supply chains, we see dwelling construction lifting by 5.4% in the second half of this year, a turnaround from a contraction of 3.4% in the first half of 2022.

Overall, with the expected short term recovery in the construction cycle partially offsetting the slowdown in the pace of consumer spending, we expect growth in the second half of 2022 to hold around the same 3.2% annualised pace as we saw in the first half – albeit conditions in the final quarter of 2022 are likely to more subdued than those during the September quarter.

On the trade front, with the reopening of the national border in the first half of this year, we have lift-off on international travel – both inbound and outbound. As we discuss in this Report, this is a boost for service exports across the various states – with the education and tourism sectors to benefit. Equally, as more Australians holiday overseas, they will take some of their spending dollars with them.

We have not changed our downbeat view for growth in 2023. We expect GDP growth in 2023 to slow to 1.0% with private domestic demand growth slowing to 0.2% (a sharp deceleration from an expected 5.4% expansion in 2022). We cannot rule out a negative quarter of growth in 2023 but do not expect a classic recession.

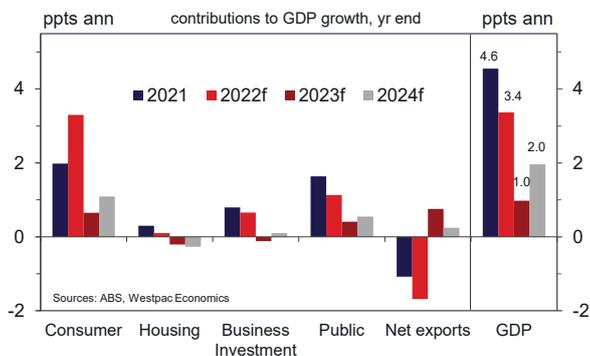
Consumer spending growth is expected to slow from 6.3% in 2022 to 1.2% in 2023; business investment growth slows from 5.8% to -1.0%; while dwelling construction growth swings from +2.0% to -4.0%. That slowdown in consumer spending will include a very modest further fall in the savings rate from 3.6% by the end of 2022 to 2.3% through 2023 – below the “equilibrium” rate of 6%. This will see the stock of “excess savings” accumulated during the pandemic, currently at \$275 billion, wound back to around \$200 billion by end 2023.

The economy in 2023 will experience the full accumulated effect of the lift in the cash rate from 0.1% in April 2022 to 3.60% in February 2023. Other negatives for growth in 2023 are: a total fade out of the “reopening” effect; a limited further fall in the savings rate to below equilibrium as households continue to draw down those excess savings albeit at a slower pace than in 2022; a rise in the unemployment rate from 3.0% to 4.2%; and a fall in house prices from peak to trough of around 16%.

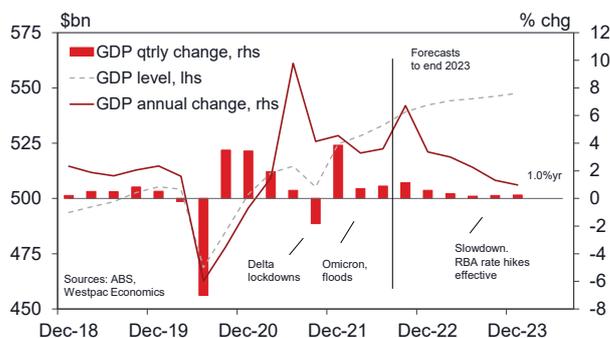
**Bill Evans**, Chief Economist

# Australian Economic Outlook

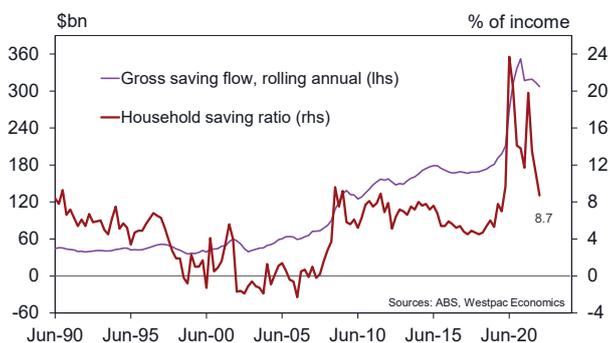
## Australia: the growth mix



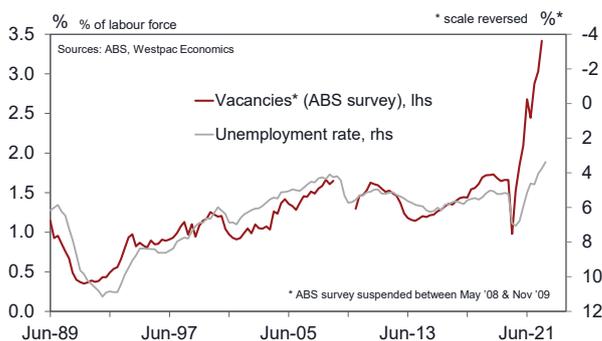
## Australia: volatile path navigating covid



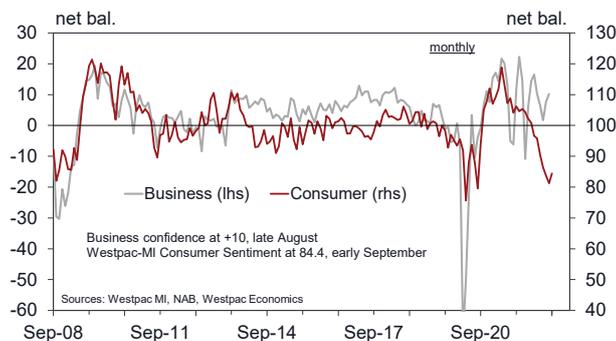
## Household saving ratio and gross saving flow



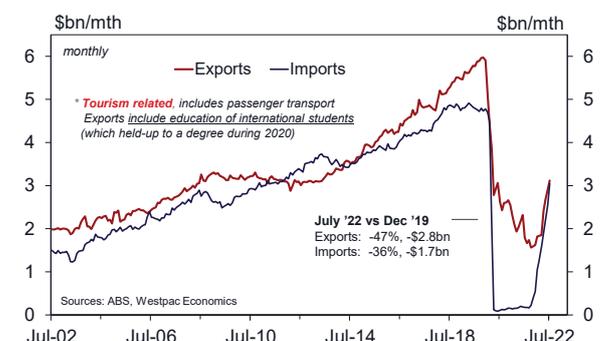
## Job vacancies aplenty



## Confidence: consumers and businesses



## International tourism sharp rebound on reopening



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Reopening, led by NSW and Victoria ...

### Final domestic demand: across the states



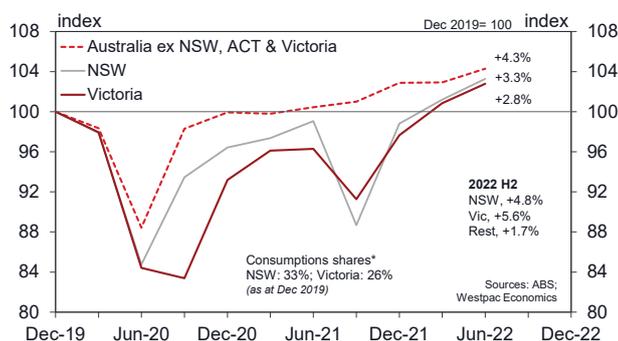
In the June quarter, robust economic conditions were evident across much of the nation - with the reopening effect, as well as the boost from earlier stimulus.

State demand grew by 1% in both Victoria and Qld, matching the national figure. NSW and SA outperformed in the period, with gains of 1.9% and 1.5% respectively.

WA and Tasmania have cooled, after sprinting ahead, up 0.1% and 0.6%. Relative to the end of 2019, pre-covid, remote fortress WA still leads the way, with activity higher by some 9.1% - well above the national figure of 7.1%. Qld and SA are next at +7.7%.

Broadening the focus to the first half of 2022, it is apparent that NSW and Victoria made up some lost ground, aided by the relaxation of covid restrictions - with state demand growth of 3.9% and 4.1%, respectively. For the rest of Australia (ex the ACT), state demand expanded by a more modest, but still solid, 1.9% over the half year.

### Consumer spending per capita



The catch-up effect on the reopening in NSW and Victoria is centred on consumers, who have been able to spend more freely as restrictions are eased. Consumer spending in NSW and Victoria, relative to pre-covid levels and on a per capita basis, is getting closer to that in the other states - albeit still trails a little - at +3.3%, +2.8% and +4.3%, respectively. There is the potential for some further catch-up in the September quarter.

The reopening is also around the opening of the national border. We now have lift-off on international travel and population growth is recovering. Service exports, tourism and education, across the states will benefit - but, equally, as more of us holiday abroad some spending dollars will flow overseas.

Over the first half of 2021, business equipment spending (+7.2%) was a key growth driver. Again, this included an element of post delta recovery (notably in NSW). Public investment (+5.6%) was also a growth driver over the half year - again, NSW was a stand-out, +9.6%, with the reopening.

### Growth outlook by state: GSP



Recall that the state governments handed down their annual budgets, across May and June.

Understandably the contours of the forecast profile differ by state reflecting the varied covid experiences. NSW anticipates year average growth will be strongest in 2022/23. The other states (including Victoria) expect year average growth to slow between 2021/22 and 2022/23. Taken together, the weighted average view of the states is that growth holds steady at 3.25% for the two financial years. Growth slows to 2.1% in 2023/24.

At the time we noted: "That outlook (for 2021/22 and 2022/23) appears to be on the cautious side - although given the uncertainties globally and domestically, some caution in framing government budgets is understandable."

The 2021/22 outcome came in at 3.9%, stronger than the states expected, and Westpac expects growth of 3.8% for 2022/23.

Prospects for 2023/24 year average growth have deteriorated materially, with the more aggressive RBA rate tightening cycle - which will impact conditions across the nation. Westpac expects growth to be 1.1% (downgraded from an expected 2.1% in June).

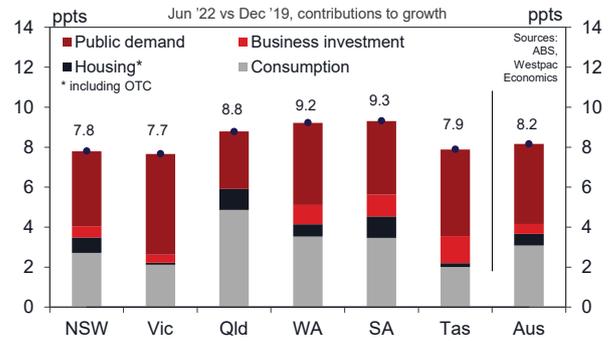
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... rate hikes to impact all states in 2023

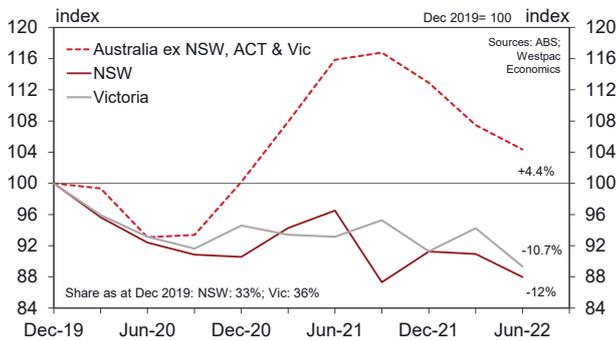
### Population trends



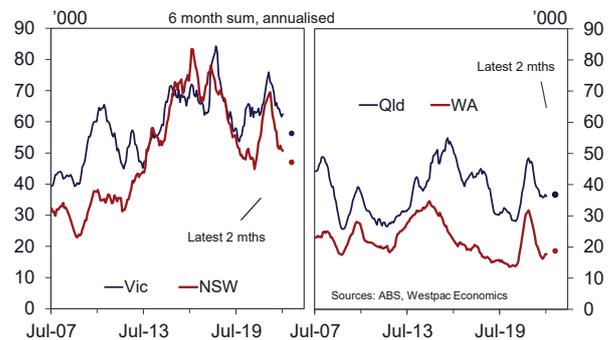
### State final demand: vs pre covid



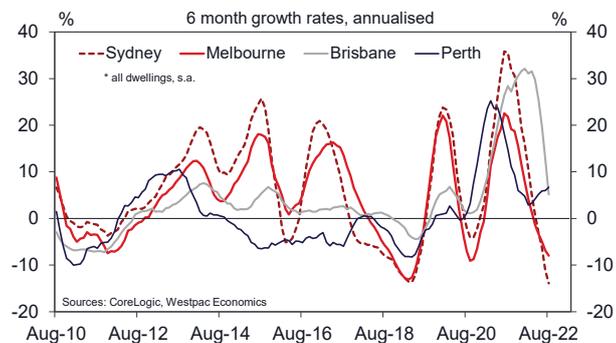
### New home building activity



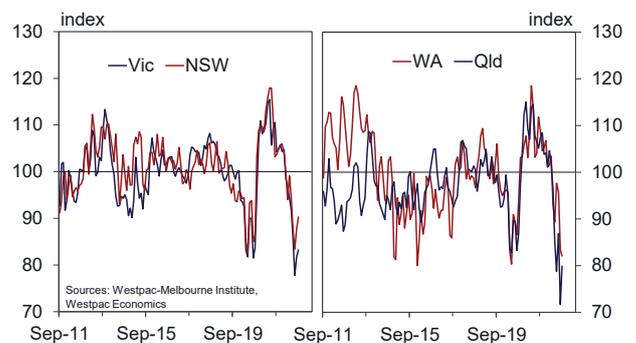
### Dwelling approvals: post HomeBuilder let down



### Dwelling prices: retreat as rates rise



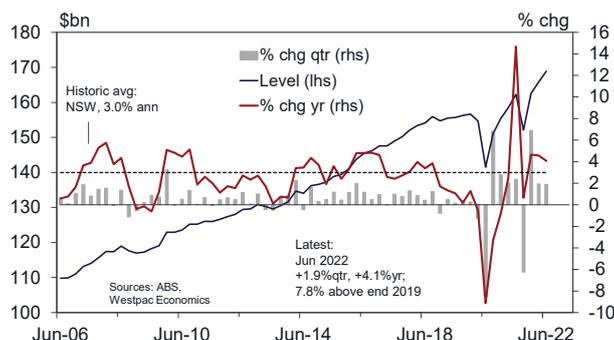
### Consumer sentiment



Past performance is not a reliable indicator of future performance. The forecasts above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Making up lost ground ...

### NSW state final demand: a burst of activity



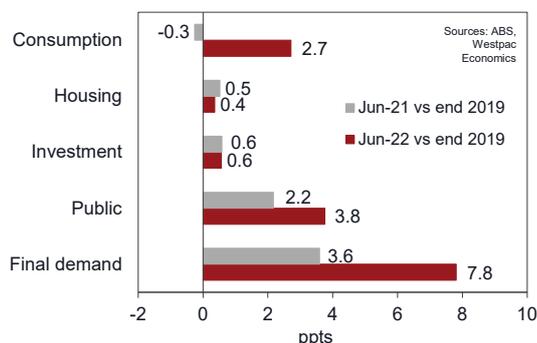
The NSW economy experienced a burst of activity over the first half of 2022 - centred on consumers - as it made up some lost ground following the extended lockdown of 2021.

State demand grew by 3.9% over the first half of this year (including outcomes of 1.9% for both Q1 and Q2). That was in line with the performance of Victoria over the half year, +4.1%, and twice the pace across the rest of Australia (ex ACT), of 1.9%.

While covid is still with us and sick leave levels are elevated at times, fewer covid related restrictions is enabling consumers to spend more freely, particularly on services. Consumer spending grew by 5.4% over the past two quarters, accounting for 3ppts of the 3.9% increase in state demand.

In the March quarter, consumer spending lifted to above pre-pandemic levels for the first time. By June it was 4.7% above that at end 2019 outcome. In per capita terms, spending is 3.3% above pre-pandemic levels - approaching the national figure (ex NSW, ACT and Victoria) of 4.3%.

### NSW: contributions to state final demand

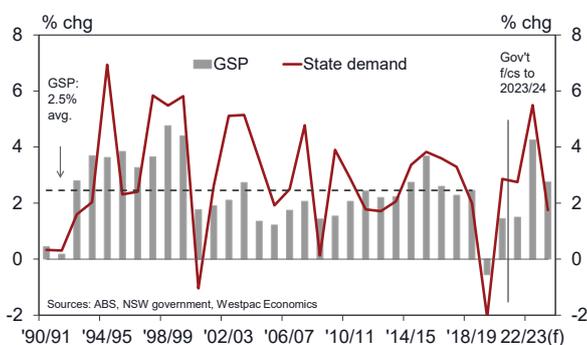


With the return towards greater normality, spending on hospitality in NSW jumped by 22% over the first half of this year - almost back to pre-pandemic levels, some 1.9% below. However, spending on transport & services and on the operation of vehicles are both well below pre-pandemic levels, -34% and -9.6%, with ongoing more flexible work arrangements for many.

New home building activity in NSW has been a significant underperformer - hit by labour and material shortages. Activity in the sector fell by 3.3% in the June quarter and is 12% below pre-pandemic levels. By contrast, renovation work rose by a further 6.7% over the past half year to be a staggering 38% above pre-pandemic levels - with NSW a clear stand-out.

Government spending remains a growth driver. Notably, public investment surged by 9.6% over the first half of 2022 - with a focus on transport infrastructure projects. The sector will continue to support activity going forward, given a large pipeline of work yet to be done.

### NSW economic performance & outlook



The business mood is positive - at least for now - encouraged by this consumer led burst of activity. Rising demand, limited spare capacity, and generous tax incentives are encouraging businesses to invest. Equipment spending jumped by 9.3% in the June quarter, to be 16% above pre-pandemic levels.

While conditions are positive currently, a sharp slowdown looms. Rapid fire interest rate increases from the RBA will - with a lag - dampen activity. The risk is that spending by the private sector slows to a sluggish growth pace in 2023.

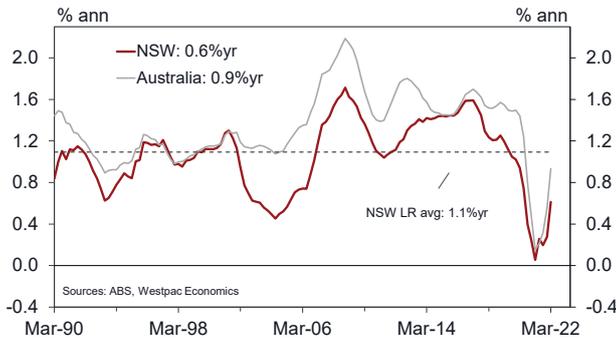
The consumer mood in NSW is fragile, with Sentiment in the pessimistic zone at 90.3 in September. Although, that is well above the national reading of 84.4 and views on job security remain very positive - given the strength of the labour market, with the unemployment rate in the state at only 3.4%.

A cooling of the property market is underway. Sydney dwelling prices peaked in January, 25% above that in March 2022, retreating 7.5% by August, with further falls to come. The combination of high inflation, higher interest rates and falling property prices points to the emergence of subdued consumer spending growth during 2023.

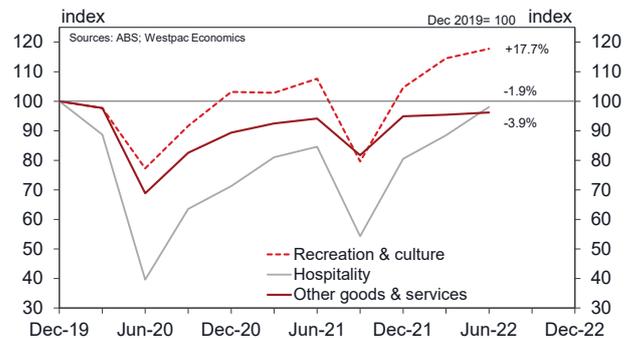
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... but sharp slowdown looms in 2023 as rate rises bite

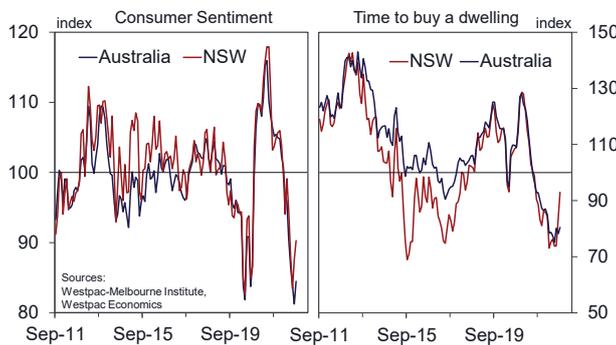
### NSW population: a return to growth



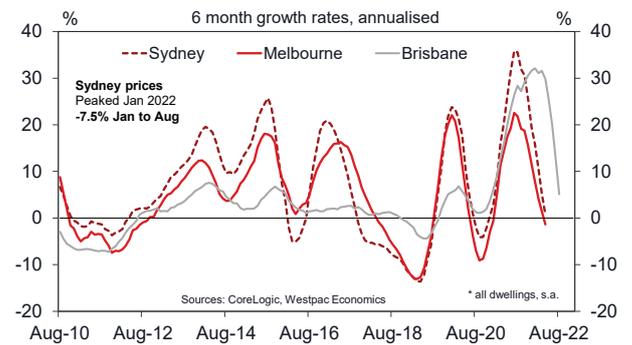
### NSW: consumer spending trends



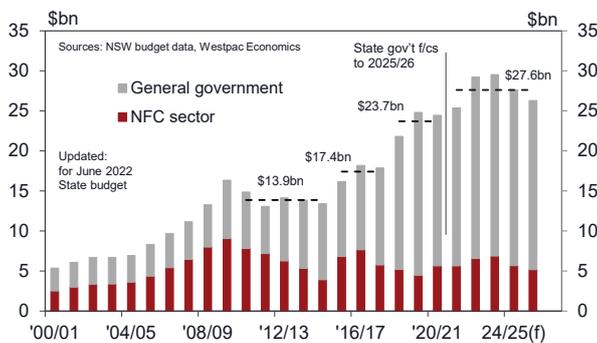
### Consumer confidence: NSW off lows in Sep



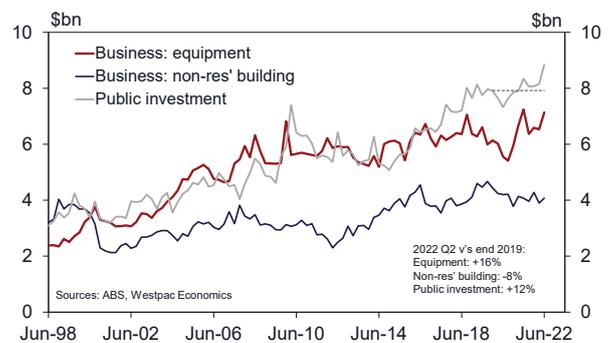
### Sydney dwelling prices: a rapid retreat



### NSW government capital expenditure



### Investment cycles: a post delta lift in Q2



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Post-delta catch-up largely over ...

### Victorian demand: post-delta rebound ends

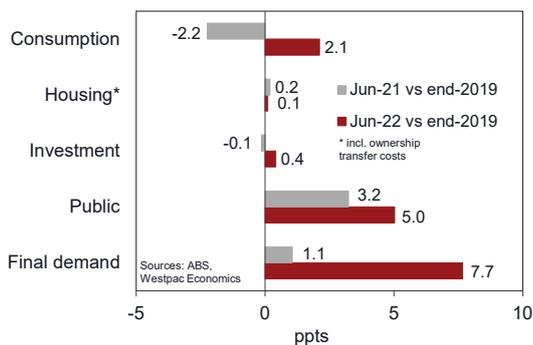


Vic's post-delta reopening rebound looks to have largely run its course. While virus disruptions continue to affect activity, hours worked especially, the broad picture through Q2 has been of moderate gains more in line with growth nationally rather than the strong outperformance through the March and Dec quarters.

As noted previously, how the Vic economy fares beyond this catch-up – and whether there is a return to the sustained outperformance seen over the five years prior to the pandemic – depends in large part on the extent to which the state's previously strong migration-driven population growth resumes. The picture here is starting to look more promising, net migration swinging back to a strong inflow in Q1, gains running ahead of official forecasts.

Against this, rising interest rates and a deepening housing downturn may be bigger negatives for the state given stretched affordability and higher average household debt levels.

### Vic: contributions to state final demand

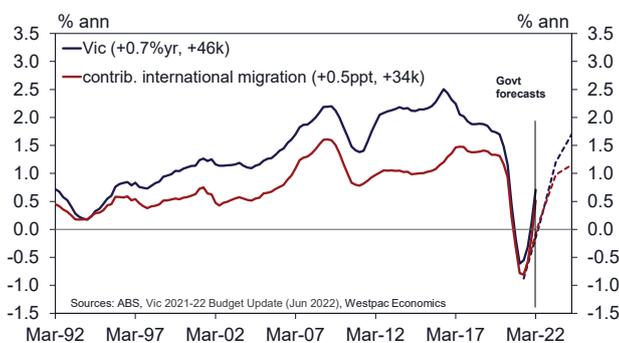


State final demand rose 1% in Q2, a step down on the 3.1% gain in Q1 and the 4.1% rise in Q4. Annual growth dipped to 6.5%yr, coming in above the 4.5% gain nationally. That said, annual growth rates are being tossed around by COVID disruptions in base periods. Comparing to pre-COVID levels in Q4 2019, Vic demand is up 7.7%, now only a touch behind the 8.2% gain seen nationally.

On the consumer, the Q2 detail still showed some residual boost from reopening but with the 2.3% gain in Vic more in line with the 2.2% rise nationally – suggesting the boost from reopening international borders was the main dynamic in the quarter rather than post delta rebounds.

Labour income gains have been a little more subdued in the state, up 2.2%yr compared to a 2.6% gain nationally. The gap looks to have widened a little in Q3 with employment growth moderating to around 1.9%yr vs 3.6%yr nationally.

### Vic's population growth: promising rebound



Supply shortages and COVID-related disruptions had a heavy impact on housing construction in Q2, new building posting a 5.2% drop and renovation work down 1.0%. While there will be some catch up in coming quarters, approvals point to a slowdown coming through as interest rate rises, higher building costs and the wider market downturn all start to bite.

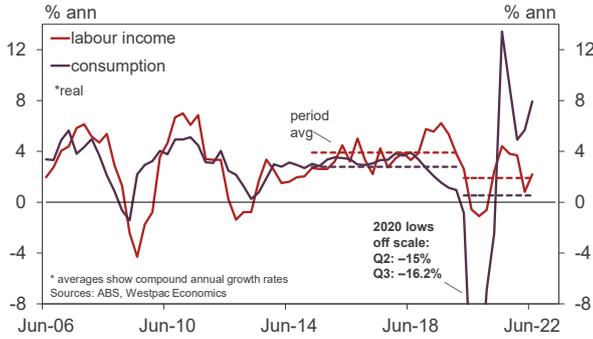
The same disruptions look to have had a slight impact on non-residential building and infrastructure work in Q2 although a strong rise in equipment spending saw total business investment post a solid 2.4% gain. Labour shortages and historically high capacity utilisation levels are likely to encourage further investment. Vic's public investment has also been a notable source of support over the past year (+2.2%qtr; 8.7%yr).

Population growth lifted back into positive in Q1 but at 0.7%yr is still well below the 2% pace seen prior to COVID. Student visa applications surged strongly through March-July, although a much milder gain in grants points to major processing delays.

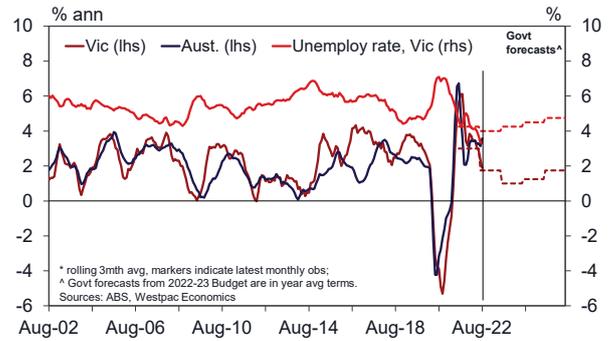
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... promising lift in migration but a troubling housing outlook

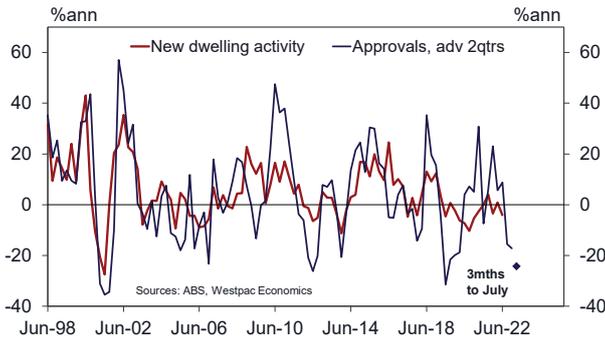
### Vic households: incomes and spending



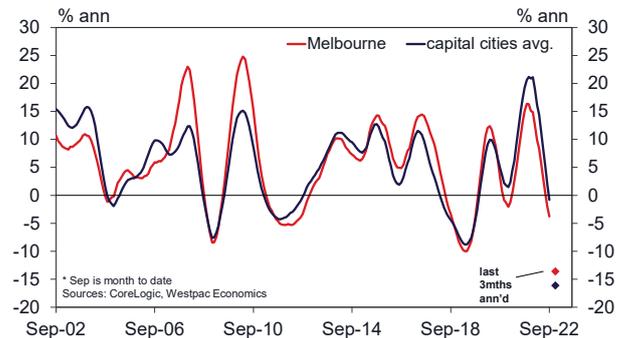
### Victoria: jobs growth and unemployment



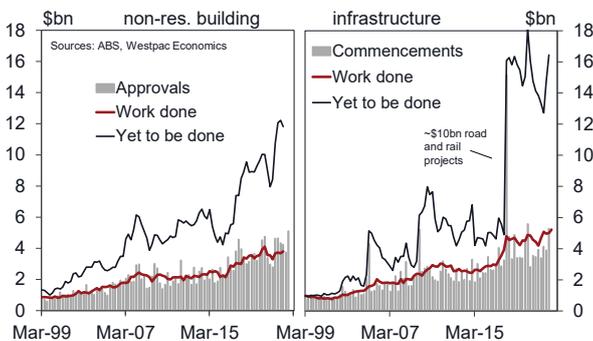
### Vic housing construction



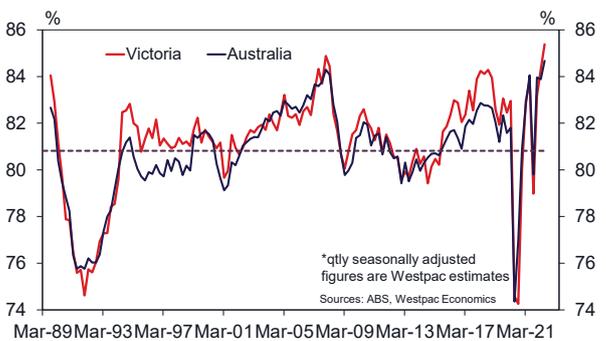
### Melbourne house prices



### Vic's non-res construction pipeline: cost rises



### Capacity utilisation: Vic vs Australia



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Strength in investment ...

### Qld: state demand resilient through disruptions



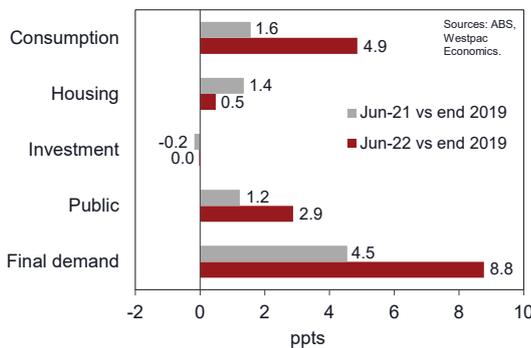
Queensland continued to show robust momentum in Q2 2022, state demand rising 1.0% in the three months to June to be 4.0% higher over the year.

Household consumption was the main driver, lifting 2.2% in Q2. Travel-related categories such as recreation, hospitality and transport services saw strong gains as household's took advantage of fewer weather/virus disruptions over the period.

The public sector was less supportive in Q2 (+0.1%), the lift in public investment (+1.1%qtr) on defence spending being offset by weaker public consumption (-0.1%qtr) after Q1's flood relief.

Although business investment was robust in Q2 (+1.1%qtr), it still lags the broader recovery, having not added to growth since December 2019. By type of investment, gains in equipment (+4.9%yr) and non-residential investment (+3.3%yr) have been largely offset by declines in engineering construction (-4.4%yr).

### Qld: contributions to state final demand



Dwelling construction has been a major drag on Qld's state growth. New housing construction and renovations experienced persistent and significant declines over the year (-15.9%yr and -11.8%yr respectively) on lower approvals, providing clear evidence that Qld's home building cycle is well past its peak.

Regarding house prices, Qld's property market has begun to experience an abrupt turnaround. As discussed in our latest [Housing Pulse](#), the RBA's rapid tightening cycle has seen turnover begin to decline and housing sentiment fall lower, house prices having now declined 2.3% in Qld over the three months to August.

Importantly, Qld's housing market is distinguished by an extremely tight supply-demand balance, which should see Brisbane's house prices little changed in 2022, followed by a relatively mild 6% decline in 2023 - a much more favourable outlook than for NSW and Vic.

### Pop. growth rebound above national average



Also constructive to the outlook, Qld is a clear front-runner in the population growth recovery. At 1.8%yr in March, it is double the national average of 0.9%yr. Net interstate migration, predominately from NSW and partly from Vic, continues to be the main driver over the year, though the recovery in overseas migration looks to be well underway.

Given the progressive return to pre-pandemic rates of international migration and the state's relatively attractive housing outlook, on balance, Qld's near-term economic outlook is positive, albeit fragile as rate hikes begin to impact.

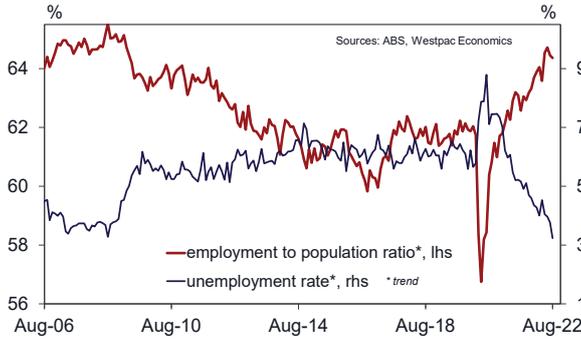
To provide a robust foundation for healthy growth in state demand, investment across the states key sectors such as resources, agriculture and tourism is necessary.

However, to prove sustainable, the investment being undertaken needs to broaden across new industry, to grow and diversify job creation and household income.

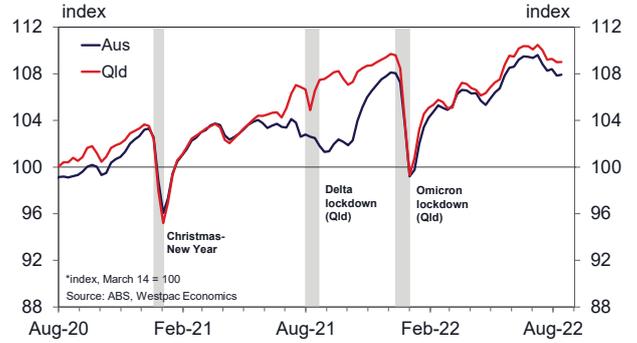
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... foundational for medium term success

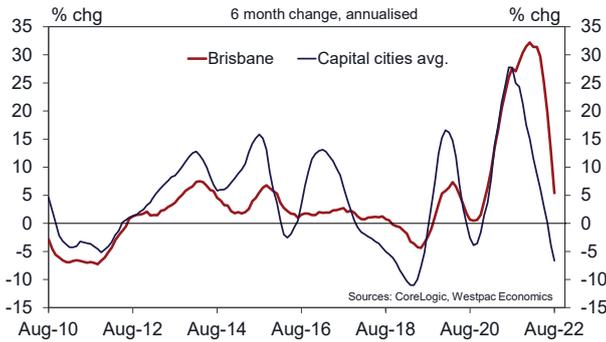
### Qld labour market in robust health



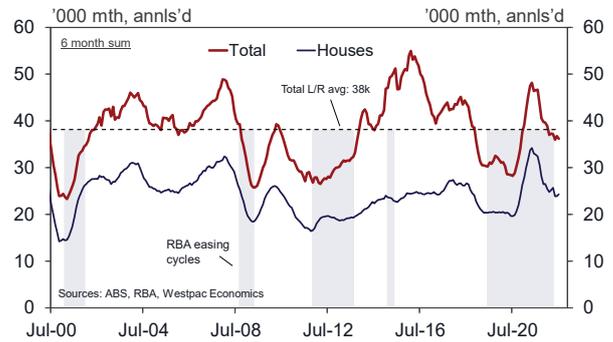
### Payrolls: Qld continues to outperform



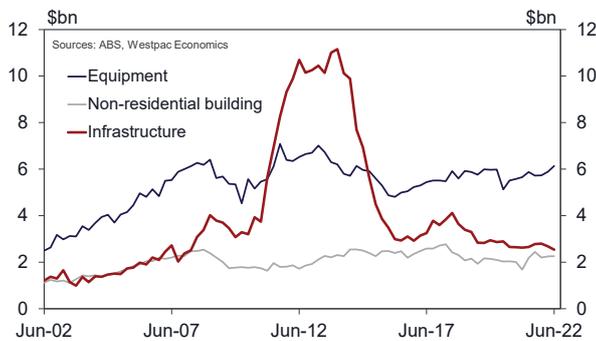
### Brisbane housing market correction underway



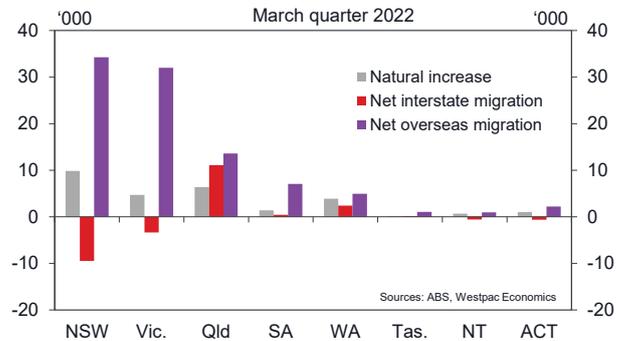
### Dwelling approvals: supply limiting new pipeline



### Qld business investment has nascent strength



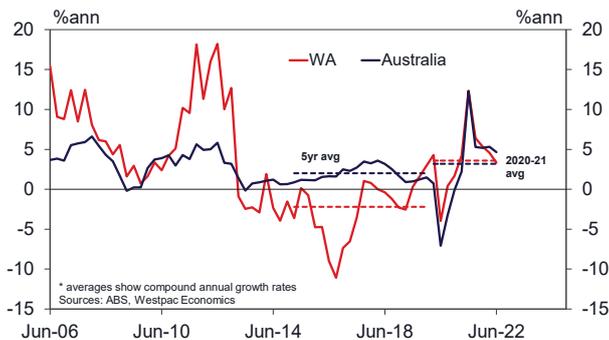
### Promising return of overseas migration



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Gains moderate ...

### State final demand: WA vs Australia

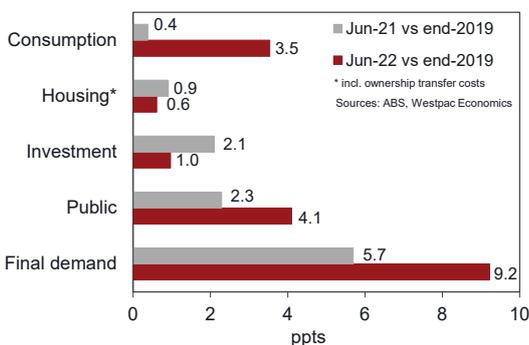


WA's mild and brief pandemic disruptions in 2020 and 2021 mean the reopening dynamics driving conditions elsewhere are less of a factor. As such, the state may be a pointer to how conditions may evolve once these dynamics have played out in the east.

That said, WA, as always, has its own idiosyncrasies. Currently, the key points of distinction look to be: buoyant, but volatile, conditions in the mining sector; a very large pipeline of residential building set for a sharp run-off (but a somewhat firmer house price situation); an extremely tight labour market; and what looks to be a milder lift in net migration inflows.

The state's large mining sector is a particularly important wildcard. Despite relatively high prices, mining investment remains dormant. That is probably just as well given the state's already badly stretched capacity and acute labour shortages. A lift in mining investment would be difficult to sustain.

### WA: contributions to state final demand

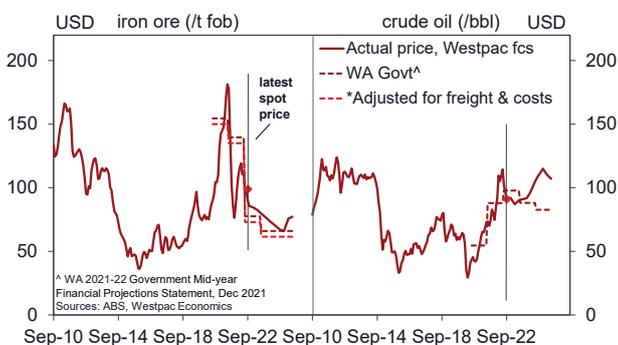


State final demand basically stalled flat in Q2, annual growth also coming in a touch under the national pace (3.3%yr vs 4.7%yr). That said, a milder pandemic means cumulative gains have been considerably stronger, WA up 9.2% compared to December 2019, compared to an 8.2% rise nationally.

Consumer spending posted a relatively subdued 1.4% gain, reflecting the absence of domestic reopening tailwinds, but with some support coming from the opening of external borders. Labour incomes have shown strong gains over the last year, up over 4% in real, inflation adjusted terms.

This solid gain was offset by more mixed performances for other demand components with notable declines for housing construction (-2%), business investment (-1.2%) and public demand (-0.9%). Data on total hours worked suggest disruptions from COVID-related sickness were a factor, and that this pattern extended into early July-August.

### Commodity prices: iron ore & crude oil



That said, some sectors are clearly moving into a downturn phase. Dwelling approvals have fallen sharply from last year's HomeBuilder-related peak – the pipeline of residential work now moving into what is likely to be a steep run-off, give or take delays.

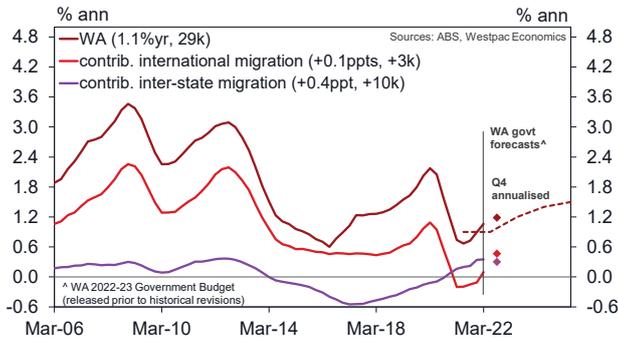
A lift in business investment may well plug the gap. Investment declined 5.4% over the year to June but a variety of factors point to a likely lift. Labour supply is extremely tight, with just over 65k job vacancies and less than 48k unemployed left in the state. Capacity utilisation is also operating at acute levels.

For the mining sector, high prices are an added incentive to invest, although the last three months has seen a sharp pull-back in iron ore and some cooling in oil prices. Uncertainty around the impact of global efforts to reduce carbon emissions are a clear inhibiting factor in many segments – although they should also be a major positive for resources required to drive the transition to 'net zero'.

Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... mining sector a major wildcard

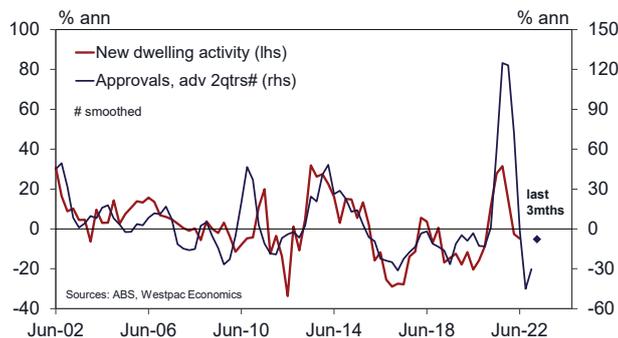
### WA's population growth



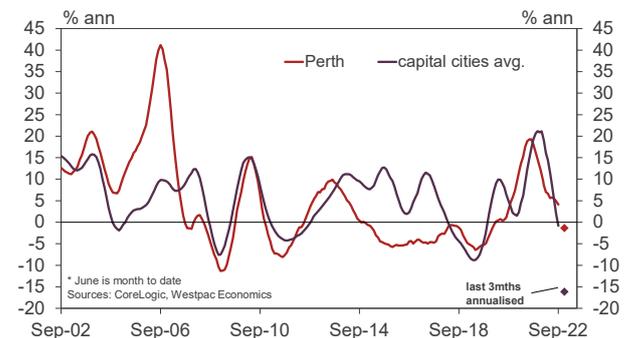
### WA's project pipeline: slight lift



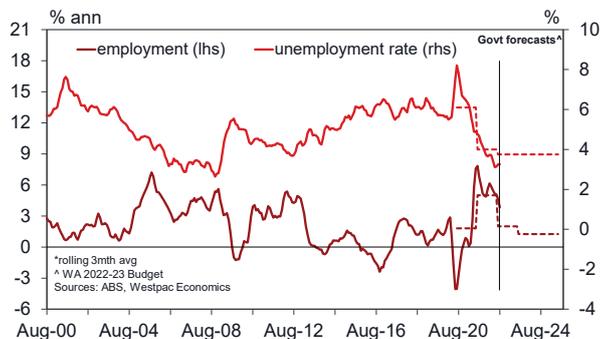
### New dwelling inv. cycling big HomeBuilder surge



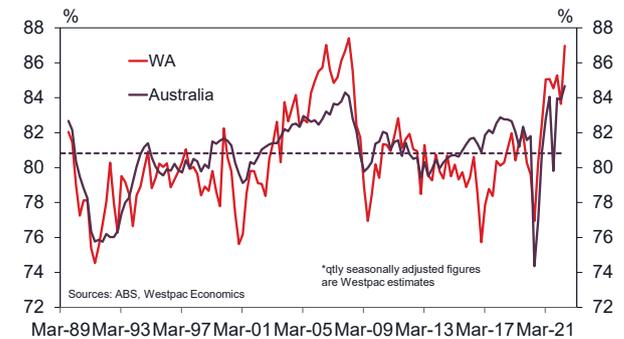
### Perth house prices: less exposed to correction



### WA labour market extremely tight



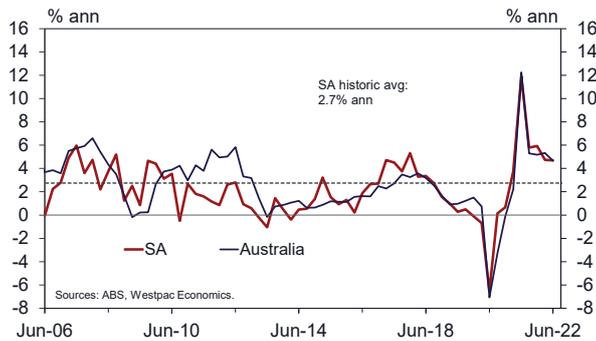
### Capacity utilisation: WA vs Australia



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## Broad-based gains ...

### State final demand well above pre-COVID level



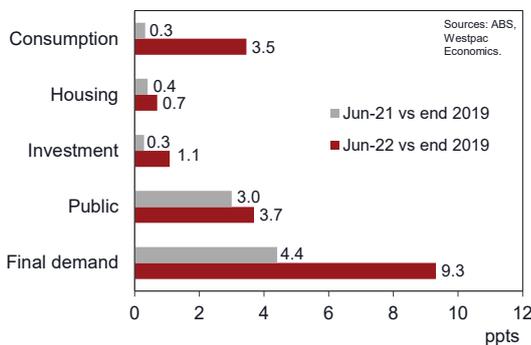
South Australia continued to forge ahead in Q2, state demand rising 1.5% to be up 4.7%yr. Underlying these results was broad-based momentum across the state's economy.

Growth in household consumption has been a key positive in SA (+1.5%qtr; +5.5%yr), which similar to Qld and WA has been buoyed by their insulation from the 'delta' outbreak back in Q3, as NSW and Vic continues playing 'catch-up'.

Meanwhile, public investment subtracted from growth (-2.1%qtr) though public consumption more than made up for this weakness, leaving public demand up 1.7%qtr/2.3%yr.

With respect to productivity, total business investment rose 1.0% in Q2 2022 to be up 7% versus June 2021. Underlying this result was considerable strength in non-residential construction (+21.9%yr), solid engineering work (+7.5%yr) and a marginal contribution from equipment spending (+1.7%yr).

### SA: contributions to state final demand

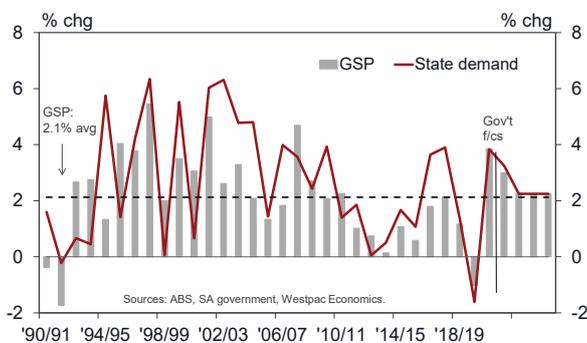


SA's housing market is bucking the wider trend, remaining the clear stand-out among the states, as evinced by: supportive new dwelling construction (+10.8%yr); elevated private detached housing approvals at 16.3% in the three months to July; and dwelling prices still tracking a stunning 21.8%yr, Adelaide experiencing its first monthly decline only in August.

It is important to recognise that, although the RBA's tightening cycle will continue to pressure South Australia's housing market into year-end, the state's strong fundamentals will provide key support. Indeed, an extremely tight supply-demand balance, alongside less stretched affordability, should see Adelaide dwelling prices hold out an impressive 8%yr gain in 2022, followed by a 6% decline in 2023 - a more mild correction relative to other states.

Also constructive to the outlook, the state's labour market is proving to be key a positive this year.

### SA economic performance & outlook



Most notably, South Australia's unemployment rate fell under 4% in August - the first time in nearly 50 years. Driving this trend is strong and persistent employment growth, the share of the population employed having risen to a historic high of 60.7%, matching the peak during the 2000's commodity boom.

Of course, how tight the labour market has become is as much about the earlier weakness in population growth as it is the job creation seen over the past year.

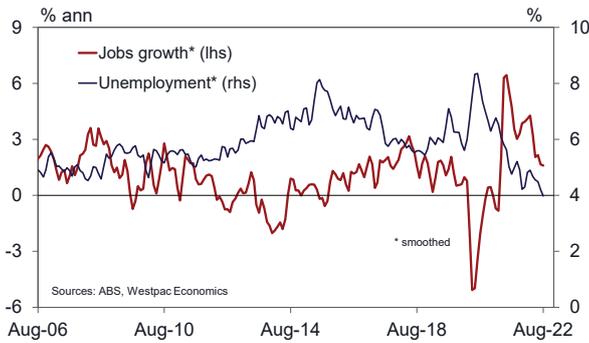
It is promising to see a rebound in overseas migration on the border reopening, lifting the state's population growth to 0.8%yr in March, a fraction below the national figure of 0.9%.

Therefore, as the housing market correction ensues and labour market pressures ease, robust investment across key industries such as energy; resources and health will be a key support over the medium-term.

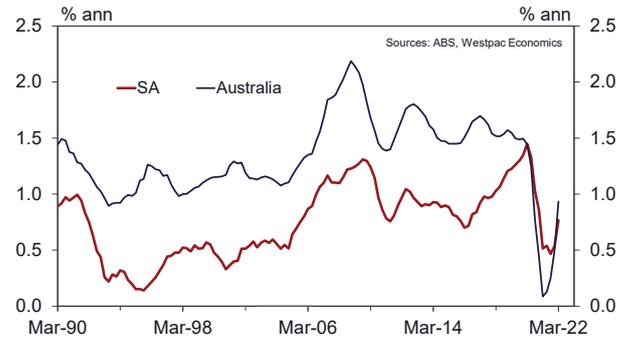
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... solid foundation for medium-term

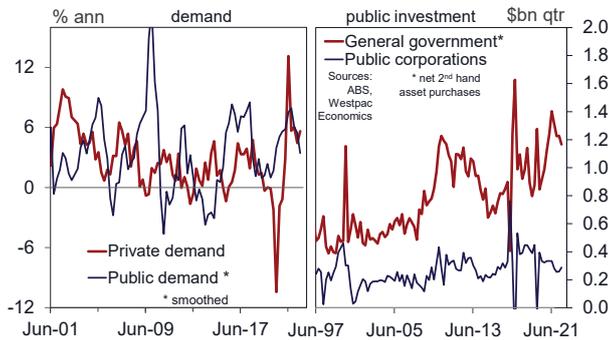
### SA's labour market is tight



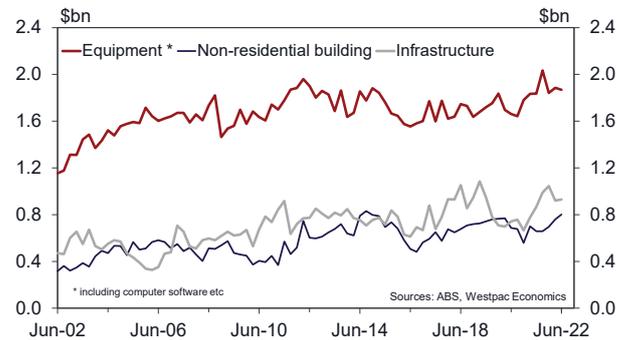
### SA population growth off lows



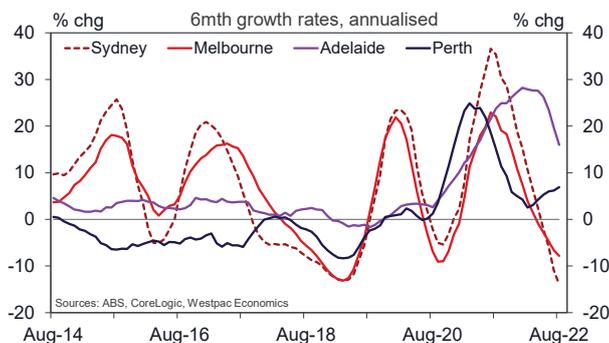
### SA private sector momentum robust



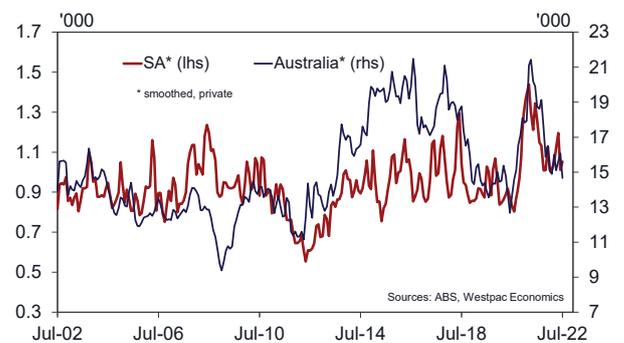
### Business investment has strength



### Home affordability in Adelaide's favour



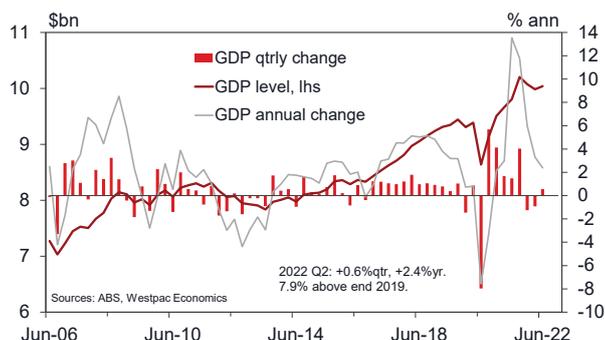
### SA housing construction: pipeline positive



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## In transition ...

### Tasmania: in transition

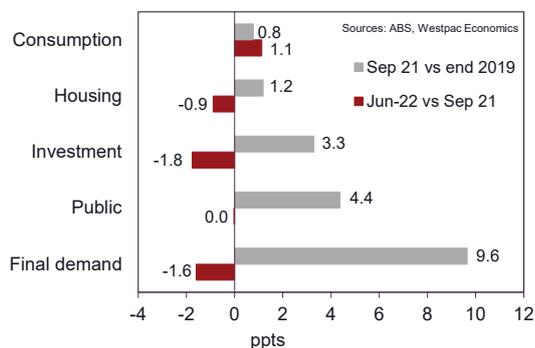


Tasmania's economy is transitioning away from the boost of earlier policy stimulus. State demand posted a 0.6% gain in the June quarter, but that represents only a partial rebound following declines of -1.2% in Q4 2021 and of -0.9% in Q1 2022.

As at September 2021, annual state demand growth was 11.3% and the level of activity was 9.6% above that at the end of 2019, prior to the pandemic. At that time, Tasmania was outperforming all other states - followed by daylight and then Qld (at 6.3%) and WA (at 6.1%). Tasmania benefited most from aggressive policy stimulus and fewer covid disruptions.

The let down from earlier stimulus is evident across housing, business equipment spending and public demand. By contrast, consumer spending exhibited resilience over the past three quarters, up by 2.1% - notwithstanding a 0.4% dip in the March quarter, associated with the omicron wave. The willingness of consumers to spend going forward, and draw down their savings buffer, is a key uncertainty for the outlook.

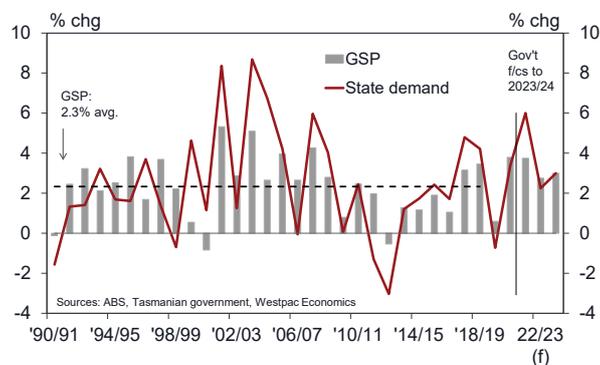
### Tasmania: contributions to state demand



Home building activity is in a downturn after peaking in September 2021. Work declined by 18% over the past three quarters, including a 21% drop in new dwelling activity and a 15% fall in renovations. The level of new dwelling activity is currently still elevated, in line with the previous peak of 2018. From here, there is further downside - given the let down in approvals already evident and with the RBA's aggressive interest rate cycle, which has already undermined confidence in the sector in Tasmania (see chart opposite).

Businesses in Tasmania responded to generous investment tax incentives, going on an equipment spending spree - increasing by 104% between end 2019 and September 2021. Firms are still showing a willingness to invest, with the level of equipment spending in June above the peaks of 2011 and 2018 - albeit 29% down from the September 2021 high.

### Tasmania economic performance & outlook



Recall that the Tasmanian government handed down the annual state budget on May 26. At the time, they expected state demand in the 2021/22 financial year to be 6% above that in 2020/21. The outcome is broadly in line with that, at 5.8%.

The state budget foreshadowed that state demand growth would slow sharply, to 2.25% for 2022/23. The risks to this appear to be skewed to the downside, given current momentum and a more aggressive than expected tightening cycle by the RBA.

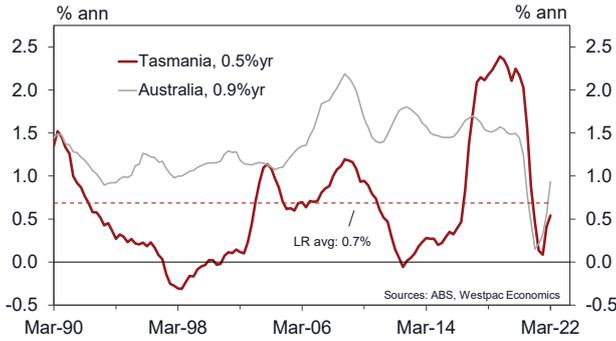
The state budget papers expected the expansion to be driven by strong government expenditure, household consumption and increases in exports.

Certainly, the outlook for service exports is positive. The tourism and education sectors will be beneficiaries of the reopening of the national border, as well as increased domestic travel by those on the mainland. In terms of the exchange rate, the news is mixed - the Australian dollar is relatively weak against the US dollar, at around 66¢ of late, but elevated against many other currencies.

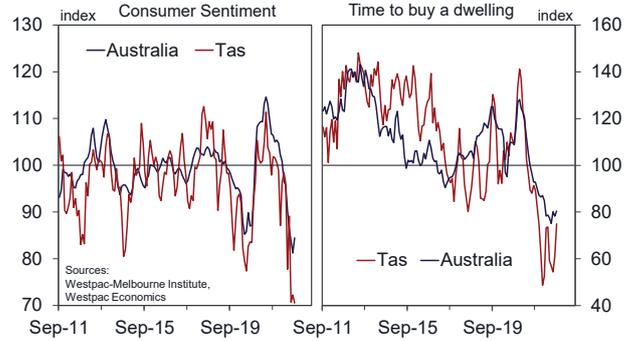
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

## ... service exports a key positive for 2023

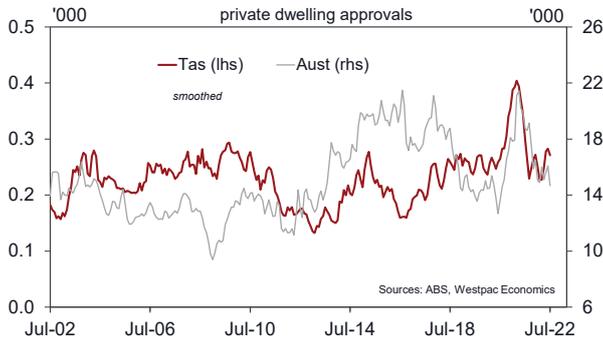
### Tas population growth; bouncing back



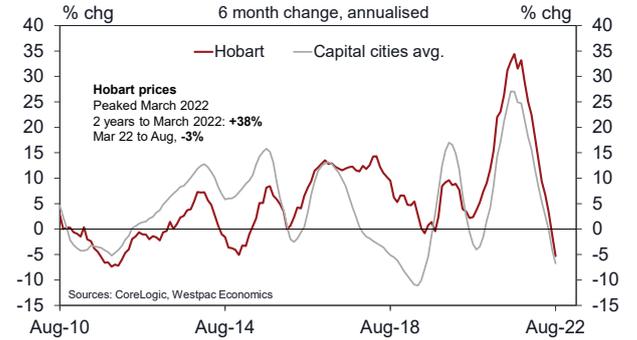
### Consumer confidence



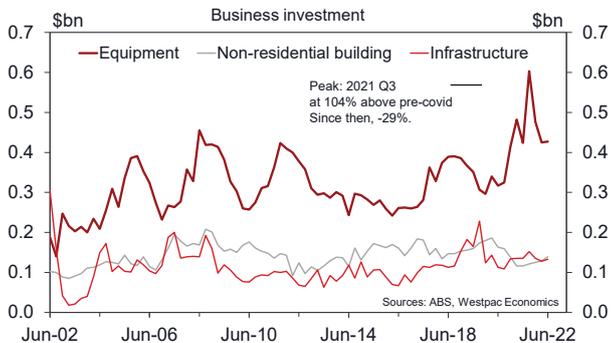
### Dwelling approvals: post HomeBuilder let down



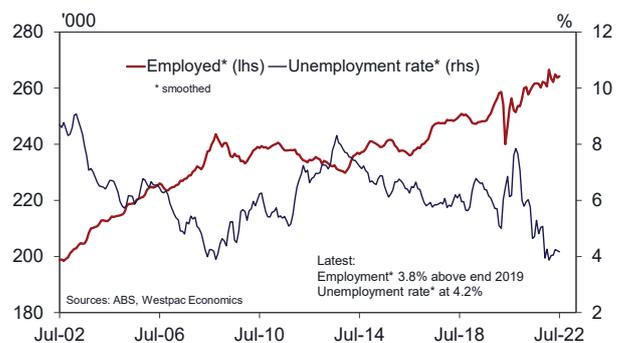
### Hobart dwelling prices: down from peak



### Equipment spending spree runs out of steam

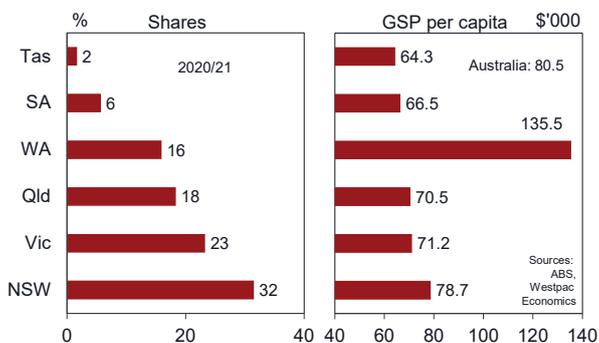


### Tasmania: employment, consolidation in 2022

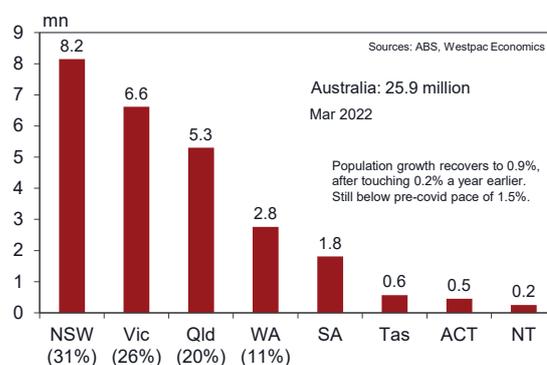


Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

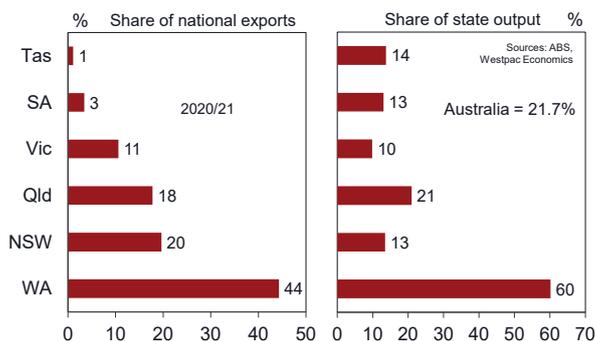
## Gross State Product



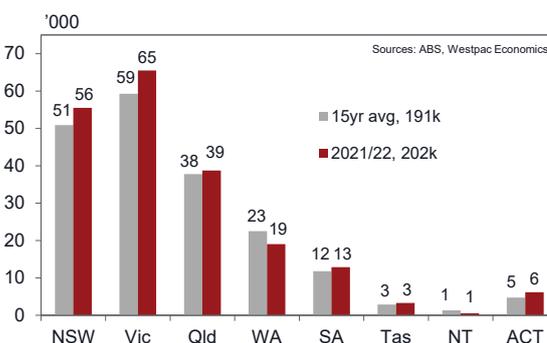
## Population



## Exports of goods & services



## Dwelling approvals



## Industry mix share of gross value add

	Australia	NSW	Vic	Qld	WA	SA	Tas	NT	ACT
Agriculture	2.6	1.9	2.4	2.9	2.1	5.6	11.2	3.7	0.1
Mining	10.6	2.3	1.1	11.0	42.5	3.6	4.0	25.6	0.1
Manufacturing	6.0	5.8	7.0	6.4	5.2	7.0	5.8	3.9	1.0
Construction	7.4	7.8	8.2	7.6	5.7	7.3	7.0	5.8	6.8
Transport, utilities	6.8	6.8	7.4	8.1	4.7	7.5	7.3	5.0	3.5
Wholesale, retail	8.8	9.6	10.5	8.6	5.4	10.2	7.7	6.3	4.7
Health, social assistance	8.2	7.6	8.8	9.2	5.5	11.0	13.9	8.4	9.5
Education	5.2	5.3	5.8	5.5	3.2	6.4	6.2	5.1	6.0
Household services	4.6	4.8	4.5	5.3	3.4	5.0	4.9	5.7	4.3
Finance	8.2	11.4	10.2	5.9	3.6	7.2	5.1	2.4	2.8
Business services	16.3	20.9	18.4	14.1	9.5	12.7	9.8	7.0	20.4
Public administration	5.9	5.1	5.6	6.0	3.4	6.4	7.1	12.4	32.0
Ownership of dwellings	9.4	10.8	10.0	9.4	5.7	9.9	10.1	8.6	9.0

Sources: ABS, Westpac Economics. For the 2020/21 financial year.

Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

© Copyright 2022 Westpac Banking Corporation

## Things you should know.

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141 ('Westpac').

### Disclaimer

This material contains general commentary only and is not intended to constitute or be relied upon as personal financial advice. To the extent that this material contains any general advice, it has been prepared without taking into account your objectives, financial situation or needs, and because of this, you should, before acting on it, consider the appropriateness of the advice, having regard to your objectives, financial situation and needs, and, the disclosure documents (including any product disclosure statement) of any financial product you may consider. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

### Country disclosures

**Australia:** Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a client of Westpac.

For XYLO Foreign Exchange clients: This information is provided to you solely for your own use and is not to be distributed to any third parties. XYLO Foreign Exchange is a division of Westpac Banking Corporation ABN 33 007 457 141 and Australian credit licence 233714. Information is current as at date shown on the publication. This information has been prepared without taking account of your objectives, financial situation or needs. Because of this you should, before acting on this information, consider its appropriateness, having regard to your objectives, financial situation or needs. XYLO Foreign Exchange's combined Financial Services Guide and Product Disclosure Statement can be obtained by calling XYLO Foreign Exchange on 1300 995 639, or by emailing [customer@XYLO.com.au](mailto:customer@XYLO.com.au).

**New Zealand:** In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address [www.westpac.co.nz](http://www.westpac.co.nz). For further information please refer to the Product Disclosure Statement (available from your Relationship Manager) for any product for which a Product Disclosure Statement is required, or applicable customer agreement. Download the Westpac NZ QFE Group Financial Advisers Act 2008 Disclosure Statement at [www.westpac.co.nz](http://www.westpac.co.nz).

**China, Hong Kong, Singapore and India:** This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Kong Branch holds a banking license and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Kong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking and Insurance Regulatory Commission (CBIRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

**UK:** The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiff in the UK (as Branch No. BR00106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents.

**Disclaimer continued overleaf**

## Disclaimer continued

The investments to which this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for “eligible counterparties” and “professional clients” as defined by the rules of the Financial Conduct Authority and is not intended for “retail clients”. With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation(EU) 596/2014).

## Investment Recommendations Disclosure

The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such financial instruments.

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12 months.

Westpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- I. Chinese Wall/Cell arrangements;
- II. physical separation of various Business/Support Units;
- III. Strict and well defined wall/cell crossing procedures;
- IV. a “need to know” policy;
- V. documented and well defined procedures for dealing with conflicts of interest;
- VI. reasonable steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.

**U.S.:** Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission (“CFTC”) as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC (“WCM”), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 (‘the Exchange Act’) and member of the Financial Industry Regulatory Authority (‘FINRA’). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally to WCM.

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. self-regulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.

