BULLETIN



12 July 2022

Rate hikes and surging inflation push sentiment to new lows

- Consumer Sentiment Index falls another 3% to 83.8.
- Confidence now down 19.7% since December, falling every month in 2022.
- Both level and pace of deterioration are comparable to previous major shocks.
- Rate fears intensifying: 73% polled post-RBA expect rates to rise more than 1ppt.
- House price expectations cooling rapidly, led by NSW and Victoria.

The Westpac Melbourne Institute Index of Consumer Sentiment fell 3.0% to 83.8 in July, from 86.4 in June. The survey, covering 1200 respondents, was conducted over the four days from July 4 to July 7.

This marks the seventh consecutive monthly fall. Last month we noted the Index was already around levels that, since the beginning of the survey in 1974, had only been seen during periods of major disruption in the Australian economy including: the COVID pandemic; the Global Financial Crisis; the recession in the early 1990s; the slowdown in the mid-1980s and the recession of the early 1980s.

The fall in July means that the pace of the sentiment deterioration is now also in line with those earlier periods. The Index has now fallen 19.7% since December 2021, a precipitous tumble comparable to the two-month plunge during COVID (-20.8%); and the six-monthly declines seen heading into the Global Financial Crisis (-29.7%); the early 1990s recession (-20.5%); the mid-1980s downturn (-23.8%); and early 1980s recession (-18.8%).

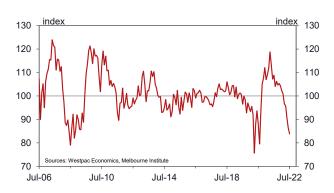
Last month, responses to our quarterly questions highlighted the clear drivers of weakening sentiment with the most recalled news items being around inflation – around 60% of respondents recalled news on this topic compared to a long run average of 12%. Other news areas of note were 'domestic economy' (43% recall); interest rates (24%); and 'international conditions' (23%).

While we had expected inflation to be the main area of concern for consumers, we were a little surprised that interest rates did not figure more prominently, particularly given that the Reserve Bank had just delivered a surprise 50bp cash rate rise when most had been expecting a 25bp increase.

This milder than expected rate rise response last month was also apparent in the variations in sentiment across those surveyed before and after the RBA decision. The decision is always on the second day of the four day sample period.

Sentiment amongst those polled after the announcement, last month, was only 2.3% lower than sentiment amongst those polled before, indicating a fairly mild shock effect.

Consumer Sentiment Index



The response to the RBA's 50bp rate increase in July was much sharper. Sentiment amongst those polled after was 7.4% below that of those surveyed before the decision.

Without doubt consumers are still very sensitive to the inflation pressures on their budgets but it appears their anxiety around interest rates is increasing.

This rising concern around interest rates is further emphasised by responses to our question on expectations for standard variable mortgage rates. Amongst those surveyed just after the RBA decision in June, 64.7% expected the rate to lift by more than 1ppt over the next twelve months. That proportion increased to 72.8% for those surveyed after the RBA's July move, despite the materially higher starting point.

Component-wise, the biggest falls in July were around the economic outlook. The 'economy, the next 12 months' sub-index fell 4.2% and the 'economy, next 5 years' sub-index dropped 6.7%.

The 'finances vs a year ago' sub-index recorded a milder 2.8% decline while the 'finances, next 12 months' sub-index held steady. Both components registered very large falls in June (-7% and -7.6% respectively).

The 'time to buy a major item' sub-index was also relatively steady, falling 0.9%, having posted monthly declines of 3-6% over the previous four months.

Sentiment around the labour market remains strong. The Westpac Melbourne Institute Index of Unemployment Expectations lifted slightly from 108.5 to 109.7 - still a remarkably low print and well below the long run average of around 130 (recall that lower reads mean more consumers expect unemployment to fall in the year ahead).

We should not be complacent about labour market conditions as there are often significant lags between shifts in the

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.



confidence measures and the labour market. During the Global Financial Crisis for example, the peak in the Unemployment Expectations Index came in early 2009, more than six months after the low in Consumer Sentiment. That cycle saw the Unemployment Expectations Index go on to average 173 over the following nine months in 2009, 33% above its long run average level!

However, some of the resilience of the Unemployment Expectations Index to date reflects the constrained supply of labour following extended external border closures. This factor, while easing somewhat, will likely work to offset any prospective weakening in labour demand, meaning shocks to Unemployment Expectations may continue to be milder than in 2008–09.

The survey continues to send a very clear message about housing.

While the 'time to buy a dwelling' index lifted 6.6% in July, to 80.1 it remains at a weak level overall (39% below its recent peak in November 2020). The monthly gain was due to large increases in Queensland and Western Australia, with homebuyer sentiment still very weak in NSW (holding almost steady at 73.9) and Victoria (falling by 11% to 75.7).

Meanwhile, consumer house price expectations are continuing to slide. The Westpac-Melbourne Institute House Price Expectations Index declined a further 5.6% in July to 104.9. Expectations have dipped into net negative territory in NSW (-6.2% to 97.3) and Victoria (-2.4% to 99) meaning more consumers now expect prices to decline than rise over the next twelve months. This compares to a much firmer read of 115.2 in Queensland (albeit with price expectations down a heftier 9.3% in the month).

While price pessimists now hold sway in the two big states, there is considerable scope for expectations to fall further. During the last significant housing market sell-off, in 2018-19 the NSW index bottomed out at 68.7 while the Victorian index hit a low of 71.7.

Respondents who own their homes outright are particularly downbeat with a House Price Expectations Index read of 78.9, down 16.8% in the July month alone. Perhaps, these experienced homeowners, who have seen cycles in the past, are more attuned to the damage sharp increases in interest rates can have on housing markets.

The Reserve Bank Board next meets on August 2. We expect the Board to raise the cash rate by a further 50bps, taking it to 1.85%, near the top of our assessed 'neutral zone' of 1.5–2.0%. The move will come after a June quarter CPI update, due on July 27, that is expected to show a significant further lift in inflation – we expect annual underlying inflation to come in at 4.5%yr, up from 3.7%, and annual headline inflation to hit 5.8%yr, up from 5.1%yr.

The Board is committed to containing inflation over the medium term. To deliver on this, and to contain inflation expectations, it will need to continue taking strong actions with policy, pushing the cash rate from a very stimulatory starting point to something well into the neutral zone.

However, the Board will also be wary of the heavy impact this is having on what is now very fragile confidence and the historical precedents we have noted in this report. The cash rate has increased at a faster pace than we have seen in any cycle since 1994 and this is clearly unsettling for consumers also facing a sharp rise in the cost of living.

A more cautious approach will be appropriate once policy has moved to 'neutral' in August. We advocate and expect the Bank to pause to assess conditions, both domestic and global, prior to moving rates into the contractionary zone later in the cycle

Bill Evans, Chief Economist, ph (61-2) 8254 8531

Consumer Sentiment - July 2022							
Item	avg*	Jul 2020	Jul 2021	Jun 2022	Jul 2022	%mth	%yr
Consumer Sentiment Index	101.4	87.9	108.8	86.4	83.8	-3.0	-23.0
Family finances vs a year ago Family finances next 12mths Economic conditions next 12mths Economic conditions next 5yrs Time to buy a major household item	89.2 107.4 91.1 92.0 126.2	78.9 98.3 66.4 91.9 104.1	93.7 109.9 109.5 110.5 120.6	74.0 86.2 83.8 98.1 89.5	72.0 86.2 80.3 91.6 88.8	-2.8 0.1 -4.2 -6.7 -0.9	-23.2 -21.5 -26.6 -17.1 -26.4
Time to buy a dwelling	117.8	112.1	96.9	75.1	80.1	6.6	-17.4
Unemployment Expectations Index	129.5	142.6	109.6	108.5	109.8	1.1	0.2
House Price Expectations Index	126.8	87.4	158.3	111.1	104.9	-5.6	-33.7

Source: Westpac-Melbourne Institute.

The survey is conducted by OZINFO & DYNATA. Respondents are selected at random. This latest survey is based on 1200 adults aged 18 years and over, across Australia. It was conducted in the week from 4 July to 7 July 2022. The data have been weighted to reflect Australia's population distribution. Copyright at all times remains with the Melbourne Institute of Applied Economic and Social Research.

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.

[&]quot;avg over full history of the survey, all indexes except 'time to buy a dwelling', 'unemployment expectations' and 'house price expectations' are seasonally adjusted

DISCLAIMER



© 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 customercare@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. 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.

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. 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.

Disclaimer continued overleaf

DISCLAIMER



Disclaimer continued

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 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.