

New Zealand Weekly Data Wrap

3 March 2023



This is not personal advice nor financial advice about any product or service. It does not take into account your financial situation or goals. Please refer to the Important Notice.



Contact us

See page 5.

Forecast updates

Recent ANZ NZ Forecast Updates can be found [here](#).

- [NZ Property Focus: rain check](#)
- [NZ Forecast Update: milk price forecasts revised down](#)
- [NZ Economic Outlook: brake point](#)

Our other recent publications are on [page 2](#).

What's the view?

- GDP currently constrained by supply more than demand, but that's set to change
- Inflation way above target, and looking sticky
- OCR to 5.25% by May to contain inflation

Our forecasts are on [page 4](#).

Confused by acronyms or jargon? See a glossary [here](#).

Key risks to our view



Global growth risks abound, with central banks still on the warpath.



The housing slowdown could become disorderly if unemployment rises sharply.



Negative supply shocks, including weather impacts, could see inflation hold up.



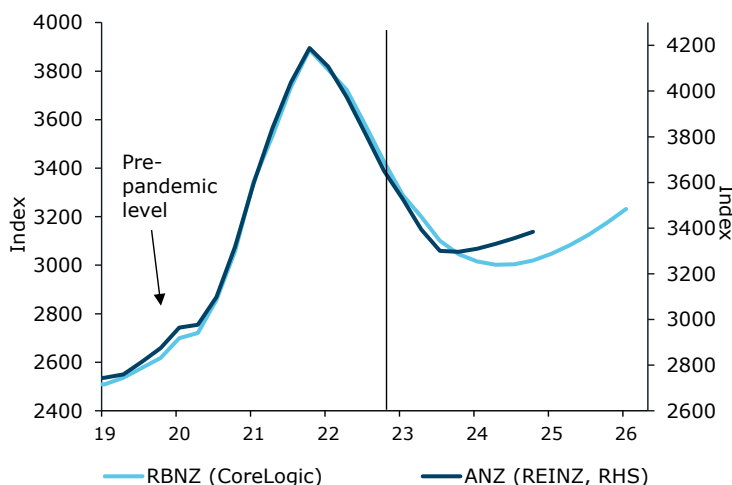
China's reopening could put upward pressure on commodity prices, pushing up tradables inflation.

What happened this week?

This week we released our latest [Property Focus](#). After falling 0.6% m/m in January the REINZ house price index is now a touch more than 15% off its November 2021 peak. While a 0.6% m/m fall is around half the size of the average monthly decline seen in the past 14 months, January typically has significantly lower sales volumes, making price discovery a little blurrier.

At the margin, recent developments may point to modest upside risk to house prices in the near term. Auction clearance rates in Auckland have bounced from 2022 lows (ANZ seasonal adjustment), and net migration is rising rapidly (although the data is prone to significant revisions). But we would be hesitant about getting too 'bullish' (upbeat) about the housing outlook. Any green shoots in the housing market would likely be met by a higher OCR than otherwise, making any bounce short-lived. And higher interest rates mean households can borrow less, even if they think houses are starting to look like bargains (not our view!). We continue to forecast a 22% peak-to-trough decline in house prices (figure 1). On balance, though, with inflation looking at risk of getting 'stuck' above target, and now [inflationary risks](#) from Cyclone Gabrielle, we do see the risks as tilted towards the OCR ending up higher than the 5.25% we are currently forecasting.

Figure 1. House price forecast



Source: REINZ, CoreLogic, RBNZ, ANZ Research

Activity data this week was a bit of a mixed bag. [Retail sales volumes](#) for Q4 fell 0.6% q/q (-4.0% y/y), after an upwardly revised 0.6% gain in Q3. At face value the data present downside risk to our Q4 GDP forecast of +0.3% q/q (RBNZ 0.7% q/q). However, the retail sales data have been giving a pretty bad steer on GDP these past few quarters, so we're not putting a lot of weight on it. What is clear is that there's a lot of inflation in this data. The actual value of retail sales lifted 1.7% q/q (5.4% y/y), with the gap between sales values and volumes highlighting how too-high inflation is impacting real purchasing power. We're still spending, but getting less bang for our buck.

On a more positive note, our [February Business Outlook survey](#) showed another incremental improvement in business confidence and the activity outlook after the steep decline seen in the wake of the RBNZ's November MPS. Expected own activity lifted 7 points to -9. That's still very low, but is a decent rebound from the low of -16.3 in December. Unfortunately, inflation indicators remain stubbornly high, with inflation expectations still at 5.94%.



Looking ahead



Recent Publications

ANZ produces a range of in-depth insights.

- [NZ Insight: second wind for the labour market?](#)
- [NZ Property Focus: rain check](#)
- [NZ Insight: inflationary risks from Gabrielle](#)
- [NZ Agri Focus: opportunities and challenges ahead](#)
- [NZ Insight: early thoughts on the Upper North Island floods](#)
- [NZ Agri Focus: a year of challenges](#)
- [NZ 2022 HYEPU: reprioritising](#)
- [NZ Insight: Risks to the OCR outlook](#)
- [NZ Insight: RBA/RBNZ policy divergence back in the spotlight](#)
- [NZ Property Focus: six reasons](#)
- [RBNZ Formulation and Implementation of Monetary Policy Review](#)
- [NZ Insight: our record breaking labour market](#)
- [NZ Property Focus: Testing times](#)
- [NZ Property Focus: spring bounce or false floor?](#)
- [NZ Insight: The inflation outlook and the balance of risks](#)
- [NZ Insight: 2020 hindsight](#)
- [NZ Agri Insight: feeding the world sustainably](#)
- [NZ Insight: the Australian labour market and the RBNZ](#)
- [NZ Budget Review: Big Budget](#)

[Click here](#) for more.



ANZ Proprietary data

Check out our latest releases below.

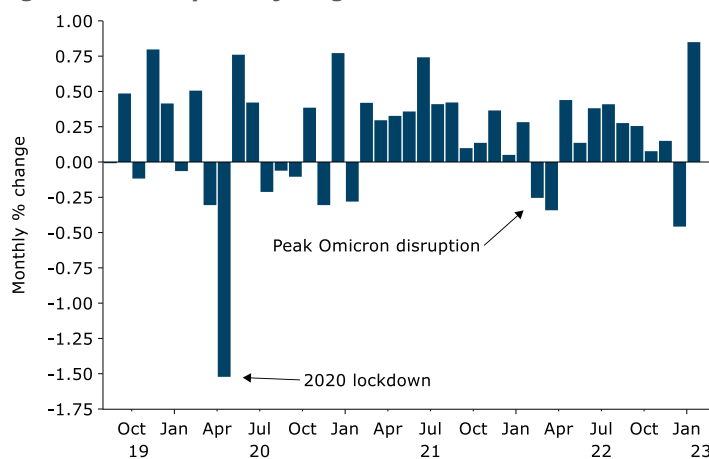
- [ANZ Business Outlook](#)
- [ANZ-Roy Morgan Consumer Confidence](#)
- [ANZ Truckometer](#)
- [ANZ Commodity Price Index](#)

Is the labour market getting a second wind?

As we discuss in more detail in an [Insight note](#) published this week, the early labour market indicators for 2023 are pointing towards the labour market getting something of a second wind. The shine appeared to be coming off the labour market at the end of 2022, with job ads falling, employment intentions tanking, and monthly filled jobs numbers actually falling 0.5% m/m in December. However, since then we've seen all of these indicators either stabilise, or rebound solidly over January and February.

Most impressive was the January filled jobs number. Filled jobs were up 0.8% m/m in January (figure 2). Job gains were broad-based across industries, with services, goods-producing, and primary industries all contributing positively to the monthly growth figure. It's early days, but if that kind of momentum is carried through into February and March, it would pose significant upside risk to our forecast that HLFS employment only eked out a 0.1% q/q gain in Q1.

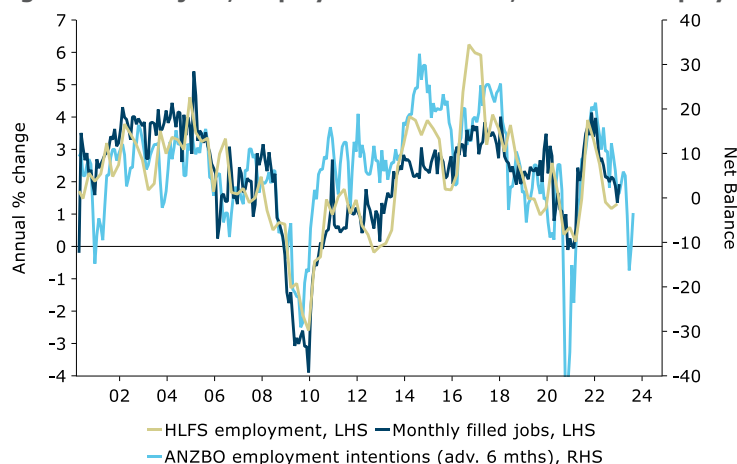
Figure 2. Monthly filled jobs growth



Source: Stats NZ, ANZ, Macrobond, ANZ Research

The uptick in employment intentions in January and February in our Business Outlook survey suggests labour market momentum could be more resilient than expected over the first half of the year (figure 3). Employment intentions have now bounced to -3.4 in February, versus -16.3 in December. That's hardly strong, but it is consistent with employment remaining positive over 2023, versus our forecast (and the RBNZ's) that employment would fall this year. However, whether this is inflationary depends on whether what we are seeing reflects a rebound in demand or rather just the lift in labour supply due to immigration. Firms might be hiring now because they finally can!

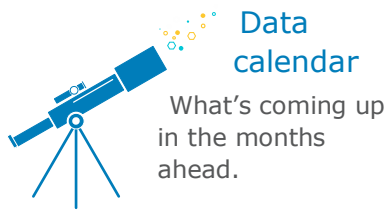
Figure 3. Filled jobs, employment intentions, and HLFS employment



Source: Stats NZ, Macrobond, ANZ Research



Financial markets update



Date	Data/event
Mon 6 Mar (10:45am)	Building Work Put in Place – Q4
Mon 6 Mar (1:00pm)	ANZ Commodity Price Index – Feb
Wed 8 Mar (early am)	GlobalDairyTrade auction
Thu 9 Mar (10:00am)	ANZ Truckometer – Feb
Thu 9 Mar (10:45am)	Electronic Card Transactions – Feb
Fri 10 Mar (10:30am)	BusinessNZ Manuf PMI – Feb
Fri 10 Mar (10:45am)	Economic Survey of Manufacturing – Q4
Mon 13 Mar (10:30am)	Performance Services Index – Feb
Mon 13 Mar (10:45am)	Food Price Index – Feb
Mon 13 Mar (10:45am)	Rental Price Index – Feb
Tue 14 Mar (10:45am)	Net Migration – Jan
Wed 15 Mar (10:45am)	Current Account – Q4
Thu 16 Mar (10:45am)	GDP – Q4
Tue 21 Mar (10:45am)	Merchandise Trade – Feb
Thu 30 Mar (10:45am)	Building Permits – Feb
Thu 30 Mar (1:00pm)	ANZ Business Outlook – Mar
Fri 31 Mar (10:00am)	ANZ-RM Consumer Confidence – Mar
Tue 4 Apr (10:00am)	NZIER QSBO – Q1
Wed 5 Apr (early am)	GlobalDairyTrade auction
Wed 5 Mar (2:00pm)	RBNZ Monetary Policy Review
Thu 6 Apr (1:00pm)	ANZ Commodity Price Index – Mar
Tue 11 Apr (10:00am)	ANZ Truckometer – Mar
Fri 14 Apr (10:30am)	BusinessNZ Manuf PMI – Mar
Fri 14 Apr (10:45am)	Net Migration – Feb
Mon 17 Apr (10:45am)	Food Price Index – Mar
Mon 17 Apr (10:45am)	Rental Price Index – Mar
Wed 19 Apr (early am)	GlobalDairyTrade auction

Interest rate markets

Interest rates have continued grinding higher across the yield curve this week. Locally, that saw the bellwether 2yr swap reach a post-GFC high of 5.45% at month-end. In the US, the 10yr Treasury bond yield has moved comfortably past the 4% mark. Although the short end is now pricing in an OCR peak of 5.48% in August, markets remain understandably fearful that the renewed uptick in inflation being observed overseas may be a sign of things to come here. Amid tight labour markets here and abroad, we continue to view the risks to interest rates as being skewed firmly to the topside. Our global team have revised up their US bond yield forecasts, and this has seen us lift some of our New Zealand interest rate forecasts (see overleaf).

FX markets

The Kiwi has had a whippy week, and while NZD/USD has gone sideways the NZD has performed strongly against peers this week, notably the AUD. Higher rates should support the Kiwi from a carry perspective, but as with the USD, higher rates also increase hard landing risks, and that complicates things. We continue to forecast gradual NZD strength over the remainder of the year.

Key data summary

Retail sales – Q4. Retail sales activity fell 0.6% q/q in Q4, weaker than the 0.3% q/q rise we had pencilled in.

ANZ Business Outlook – February. Business confidence lifted another 9 points in February to -43. Expected own activity also lifted 7 points to -9.

RBNZ sectoral lending data – January. Housing lending growth slowed to 4.1% y/y, down from 4.4% in December. With house sales remaining very low, further slowing in housing lending growth is expected.

Building Permits – January. Fell another 1.5% m/m after December's 7.1% fall. Our Business Outlook survey points to significant further falls to come.

Overseas Trade Indices – Q4. The goods terms of trade lifted 1.8% q/q in Q4 as softer energy prices weighed on import prices.

ANZ Roy Morgan Consumer Confidence – February. Consumer confidence eased 3 points to 79.8. From a glass-half-full perspective that's still above its December low of 73.8, but the level is very low.

The week ahead

Building Work Put in Place – Q4 (Monday 6 March, 10:45am). We've pencilled in a 1% q/q decline, led by a partial retracement in non-residential activity following Q3's near-5% lift.

ANZ Commodity Price Index – February (Monday 6 March, 1:00pm).

GlobalDairyTrade auction (Wednesday 8 March, early am). Dairy markets are poised to lift, with a 2.5% rise in the GDT Price Index expected, despite prices weakening at the previous event.

ANZ Truckometer – February (Thursday 9 March, 10:00am).

Electronic Card Transactions – February (Thursday 9 March, 10:45am). ANZ spend data points to another solid monthly increase, after January's 3.3% gain. But Cyclone Gabrielle means uncertainty is elevated.

Economic Survey of Manufacturing – Q4 (Friday 10 March, 10:45am). Has been quite volatile of late, but the PMI was certainly weaker over Q4. Momentum should slow over 2023 as higher rates bite.

Performance of Manufacturing Index – February (Friday 10 March, 10:30am). Bounced higher in January. Further strength would add to the evidence that momentum is holding up better than expected in 2023.



Key forecasts and rates

FX rates	Actual				Forecast (end month)				
	Jan-23	Feb-23	Today	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
NZD/USD	0.641	0.616	0.622	0.640	0.650	0.660	0.660	0.670	0.670
NZD/AUD	0.918	0.915	0.924	0.901	0.890	0.892	0.880	0.870	0.859
NZD/EUR	0.593	0.580	0.587	0.587	0.586	0.584	0.579	0.578	0.568
NZD/JPY	83.6	84.2	85.0	83.2	83.2	83.2	81.8	81.7	80.4
NZD/GBP	0.521	0.509	0.521	0.525	0.524	0.528	0.524	0.523	0.519
NZ\$ TWI	71.7	70.8	71.4	71.2	71.2	71.7	71.1	71.4	70.8
Interest rates	Jan-23	Feb-23	Today	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
NZ OCR	4.25	4.75	4.75	4.75	5.25	5.25	5.25	5.25	5.25
NZ 90 day bill	4.91	5.13	5.15	5.27	5.35	5.35	5.35	5.35	5.35
NZ 2-yr swap	5.00	5.37	5.44	5.50	5.60	5.75	5.75	5.60	5.60
NZ 10-yr bond	4.17	4.57	4.68	4.70	5.00	4.90	4.55	4.25	4.25

Economic forecasts

	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24
GDP (% qoq)	2.0	0.3	0.1	-0.1	-0.5	-0.4	-0.1	0.3	0.4
GDP (% yoy)	6.4	3.8	4.4	2.3	-0.2	-0.9	-1.1	-0.7	0.2
CPI (% qoq)	2.2	1.4	1.6	0.9	2.0	0.5	0.6	0.4	0.6
CPI (% yoy)	7.2	7.2	7.1	6.3	6.1	5.1	4.0	3.5	2.1
Employment (% qoq)	1.3	0.1	0.1	0.0	-0.4	-0.4	-0.4	-0.1	0.1
Employment (% yoy)	1.2	1.3	1.4	1.5	-0.2	-0.7	-1.2	-1.3	-0.8
Unemployment Rate (% sa)	3.3	3.4	3.4	3.6	4.1	4.5	5.0	5.3	5.4

Figures in bold are forecasts. mom: Month-on-Month; qoq: Quarter-on-Quarter; yoy: Year-on-Year. [Click here for full ANZ forecasts](#)

Figure 4. GDP level

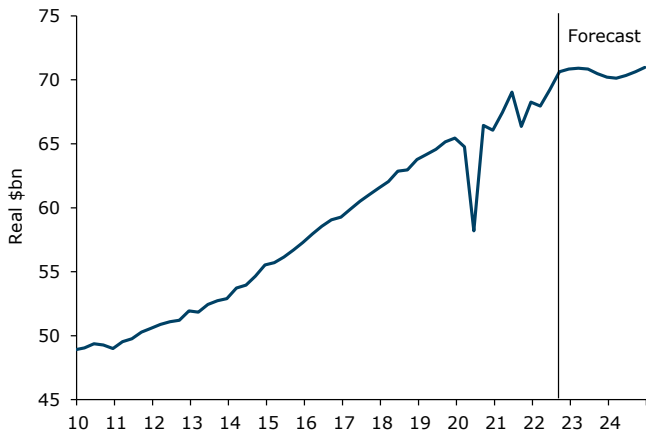


Figure 5. CPI inflation components

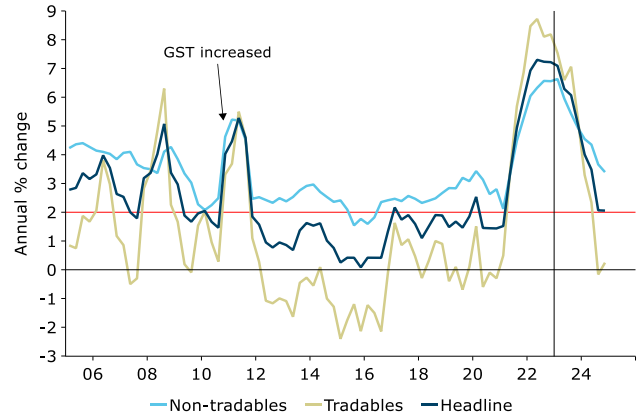


Figure 6. OCR forecast

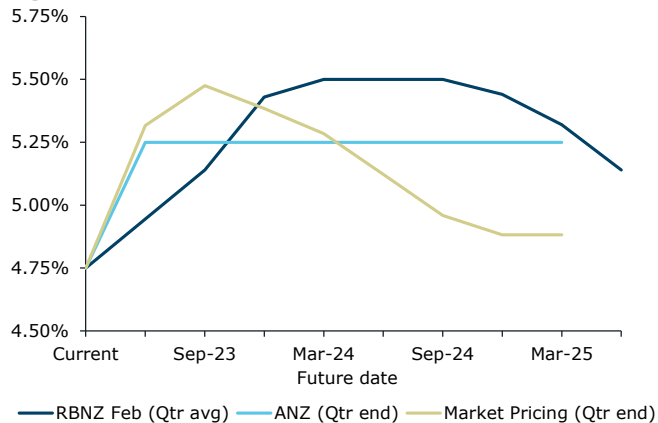
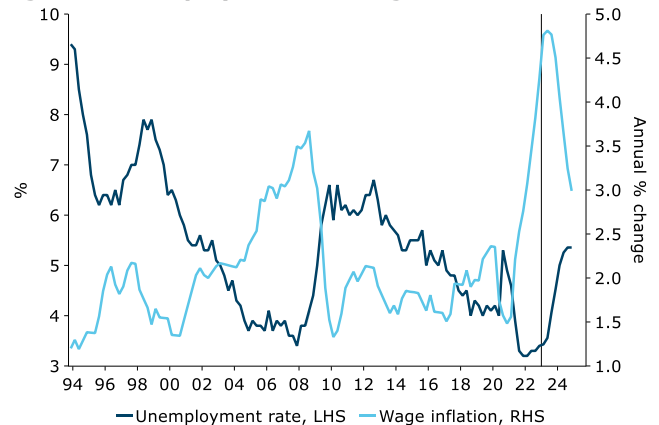


Figure 7. Unemployment and wage inflation



Source: Stats NZ, Bloomberg, RBNZ, Macrobond, ANZ Research



Contact us

Meet the team

We welcome your questions and feedback. Click [here](#) for more information about our team.



Sharon Zollner
Chief Economist

Follow Sharon on Twitter
[@sharon_zollner](#)

Telephone: +64 9 357 4094
Email: sharon.zollner@anz.com

General enquiries:
research@anz.com

Follow ANZ Research
[@ANZ_Research](#) (global)



David Croy
Senior Strategist

Market developments, interest rates, FX, unconventional monetary policy, liaison with market participants.

Telephone: +64 4 576 1022
Email: david.croy@anz.com



Susan Kilsby
Agricultural Economist

Primary industry developments and outlook, structural change and regulation, liaison with industry.

Telephone: +64 21 633 469
Email: susan.kilsby@anz.com



Miles Workman
Senior Economist

Macroeconomic forecast co-ordinator, fiscal policy, economic risk assessment and credit developments.

Telephone: +64 21 661 792
Email: miles.workman@anz.com



Finn Robinson
Economist

Macroeconomic forecasting, economic developments, labour market dynamics, inflation and monetary policy.

Telephone: +64 21 629 553
Email: finn.robinson@anz.com



Kyle Uerata
Economic Statistician

Economic statistics, ANZ proprietary data (including ANZ Business Outlook), data capability and infrastructure.

Telephone: +64 21 633 894
Email: kyle.uerata@anz.com



Natalie Denne
PA / Desktop Publisher

Business management, general enquiries, mailing lists, publications, chief economist's diary.

Telephone: +64 21 253 6808
Email: natalie.denne@anz.com

Important notice

Last updated: 1 September 2022

This document (which may be in the form of text, image, video or audio) is intended for ANZ's Institutional, Markets and Private Banking clients. It should not be forwarded, copied or distributed. The opinions and research contained in this document are (a) not personal advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and does not take into account your financial situation or goals.

This document may be restricted by law in certain jurisdictions. Persons who receive this document must inform themselves about and observe all relevant restrictions.

Disclaimer for all jurisdictions: This document is prepared and distributed in your country/region by either: Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**); or its relevant subsidiary or branch (each, an **Affiliate**), as appropriate or as set out below.

This document is distributed on the basis that it is only for the information of the specified recipient or permitted user of the relevant website (**recipients**).

This document is solely for informational purposes and nothing contained within is intended to be an invitation, solicitation or offer by ANZ to sell, or buy, receive or provide any product or service, or to participate in a particular trading strategy.

Distribution of this document to you is only as may be permissible by the laws of your jurisdiction, and is not directed to or intended for distribution or use by recipients resident or located in jurisdictions where its use or distribution would be contrary to those laws or regulations, or in jurisdictions where ANZ would be subject to additional licensing or registration requirements. Further, the products and services mentioned in this document may not be available in all countries.

ANZ in no way provides any financial, legal, taxation or investment advice to you in connection with any product or service discussed in this document. Before making any investment decision, recipients should seek independent financial, legal, tax and other relevant advice having regard to their particular circumstances.

Whilst care has been taken in the preparation of this document and the information contained within is believed to be accurate, ANZ does not represent or warrant the accuracy or completeness of the information. Further, ANZ does not accept any responsibility to inform you of any matter that subsequently comes to its notice, which may affect the accuracy of the information in this document.

Preparation of this document and the opinions expressed in it may involve material elements of subjective judgement and analysis.

Unless specifically stated otherwise: they are current on the date of this document and are subject to change without notice; and, all price information is indicative only. Any opinions expressed in this document are subject to change at any time without notice.

ANZ does not guarantee the performance of any product mentioned in this document. All investments entail a risk and may result in both profits and losses. Past performance is not necessarily an indicator of future performance. The products and services described in this document may not be suitable for all investors, and transacting in these products or services may be considered risky.

ANZ expressly disclaims any responsibility and shall not be liable for any loss, damage, claim, liability, proceedings, cost or expense (Liability) arising directly or indirectly and whether in tort (including negligence), contract, equity or otherwise out of or in connection with this document to the extent permissible under relevant law. Please note, the contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ and its Affiliates may have an interest in the subject matter of this document. They may receive fees from customers for dealing in the products or services described in this document, and their staff and introducers of business may share in such fees or remuneration that may be influenced by total sales, at all times received and/or apportioned in accordance with local regulatory requirements. Further, they or their customers may have or have had interests or long or short positions in the products or services described in this document, and may at any time make purchases and/or sales in them as principal or agent, as well as act (or have acted) as a market maker in such products. This document is published in accordance with ANZ's policies on conflicts of interest and ANZ maintains appropriate information barriers to control the flow of information between businesses within it and its Affiliates.

Your ANZ point of contact can assist with any questions about this document including for further information on these disclosures of interest.

Country/region specific information: Unless stated otherwise, this document is distributed by Australia and New Zealand Banking Group Limited (**ANZ**).

Australia. ANZ holds an Australian Financial Services licence no. 234527. For a copy of ANZ's Financial Services Guide please [click here](#) or request from your ANZ point of contact.

Brazil. This document is distributed on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this document, and no securities have been and will not be registered with the Securities Commission - CVM.

Brunei, Japan, Kuwait, Malaysia, Switzerland, Taiwan. This document is distributed in each of these jurisdictions by ANZ on a cross-border basis.

Cambodia. The information contained in this document is confidential and is provided solely for your use upon your request.

This does not constitute or form part of an offer or solicitation of any offer to engage services, nor should it or any part of it form the basis of, or be relied in any connection with, any contract or commitment whatsoever. ANZ does not have a licence to undertake banking operations or securities business or similar business, in Cambodia. By requesting financial services from ANZ, you agree, represent and warrant that you are engaging our services wholly outside of Cambodia and subject to the laws of the contract governing the terms of our engagement.

Canada. This document is general information only, is intended for institutional use only – not retail, and is not meant to be tailored to the needs and circumstances of any recipient. In addition, this document is not intended to be an offer or solicitation to purchase or sell any security or other financial instrument or to employ a specific investment strategy.

Chile. You understand and agree that ANZ Banking Group Limited is not regulated by Chilean Authorities and that the provision of this document is not subject to any Chilean supervision and is not guaranteed by any regulatory or governmental agency in Chile.

Fiji. For Fiji regulatory purposes, this document and any views and recommendations are not to be deemed as investment advice. Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this document.

Hong Kong. This document is issued or distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this document have not been reviewed by any regulatory authority in Hong Kong. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

India. If this document is received in India, only you (the specified recipient) may print it provided that before doing so, you specify on it your name and place of printing.

Israel. ANZ is not a holder of a licence granted in Israel pursuant to the Regulation of Investment Advising, Investment Marketing and Portfolio Management Law, 1995 ("Investment Advice Law") and does not hold the insurance coverage required of a licensee pursuant to the Investment Advice Law. This publication has been prepared exclusively for Qualified Clients as such term is defined in the First Schedule to the Investment Advice Law. As a prerequisite to the receipt of a copy of this publication a recipient will be required to provide confirmation and evidence that it is a Qualified Client. Nothing in this publication should be considered Investment Advice or Investment Marketing as defined in the Investment Advice Law. Recipients are encouraged to seek competent investment advice from a locally licensed investment adviser prior to making any investment.

Macau. Click [here](#) to read the disclaimer for all jurisdictions in Mandarin. 澳门. [点击此处](#) 阅读所有司法管辖区的免责声明的中文版。

Myanmar. This document is intended to be general and part of ANZ's customer service and marketing activities when implementing its functions as a licensed bank. This document is not Securities Investment Advice (as that term is defined in the Myanmar Securities Transaction Law 2013).

Important notice

New Zealand. This material is for information purposes only and is not financial advice about any product or service. We recommend seeking financial advice about your financial situation and goals before acquiring or disposing of (or not acquiring or disposing of) a financial product.

Oman. ANZ neither has a registered business presence nor a representative office in Oman and does not undertake banking business or provide financial services in Oman. Consequently ANZ is not regulated by either the Central Bank of Oman (**CBO**) or Oman's Capital Market Authority (**CMA**). The information contained in this document is for discussion purposes only and neither constitutes an offer of securities in Oman as contemplated by the Commercial Companies Law of Oman (Royal Decree 4/74) or the Capital Market Law of Oman (Royal Decree 80/98), nor does it constitute an offer to sell, or the solicitation of any offer to buy non-Omani securities in Oman as contemplated by Article 139 of the Executive Regulations to the Capital Market Law (issued vide CMA Decision 1/2009). ANZ does not solicit business in Oman and the only circumstances in which ANZ sends information or material describing financial products or financial services to recipients in Oman, is where such information or material has been requested from ANZ and the recipient understands, acknowledges and agrees that this document has not been approved by the CBO, the CMA or any other regulatory body or authority in Oman. ANZ does not market, offer, sell or distribute any financial or investment products or services in Oman and no subscription to any securities, products or financial services may or will be consummated within Oman. Nothing contained in this document is intended to constitute Omani investment, legal, tax, accounting or other professional advice.

People's Republic of China (PRC). This document may be distributed by either ANZ or Australia and New Zealand Bank (China) Company Limited (**ANZ China**). Recipients must comply with all applicable laws and regulations of PRC, including any prohibitions on speculative transactions and CNY/CNH arbitrage trading. If this document is distributed by ANZ or an Affiliate (other than ANZ China), the following statement and the text below is applicable: No action has been taken by ANZ or any affiliate which would permit a public offering of any products or services of such an entity or distribution or re-distribution of this document in the PRC. So, the products and services of such entities are not being offered or sold within the PRC by means of this document or any other document. This document may not be distributed, re-distributed or published in the PRC, except under circumstances that will result in compliance with any applicable laws and regulations. If and when the material accompanying this document relates to the products and/or services of ANZ China, the following statement and the text below is applicable: This document is distributed by ANZ China in the Mainland of the PRC.

Peru. The information contained in this document has not been, and will not be, registered with or approved by the Peruvian Superintendency of the Securities Market (Superintendencia del Mercado de Valores, **SMV**) or the Lima Stock Exchange (Bolsa de Valores de Lima, **BVL**) or under the Peruvian Securities Market Law (Legislative Decree 6 861), and will not be subject to Peruvian laws applicable to public offerings in Peru. To the extent this information refers to any securities or interests, it should be noted the securities or interests may not be offered or sold in Peru, except if (i) such securities or interests were previously registered with the Peruvian Superintendency of the Securities Market, or (ii) such offering is considered a private offering in Peru under the securities laws and regulation of Peru.

Qatar. This document has not been, and will not be:

- lodged or registered with, or reviewed or approved by, the Qatar Central Bank (**QCB**), the Qatar Financial Centre (**QFC**) Authority, QFC Regulatory Authority or any other authority in the State of Qatar (**Qatar**); or
- authorised or licensed for distribution in Qatar, and the information contained in this document does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC.

The financial products or services described in this document have not been, and will not be:

- registered with the QCB, QFC Authority, QFC Regulatory Authority or any other governmental authority in Qatar; or
- authorised or licensed for offering, marketing, issue or sale, directly or indirectly, in Qatar.

Accordingly, the financial products or services described in this document are not being, and will not be, offered, issued or sold in Qatar, and this document is not being, and will not be, distributed in Qatar. The offering, marketing, issue and sale of the financial products or services described in this document and distribution of this document is being made in, and is subject to the laws, regulations and rules of, jurisdictions outside of Qatar and the QFC. Recipients of this document must abide by this restriction and not distribute this document in breach of this restriction. This document is being sent/issued to a limited number of institutional and/or sophisticated investors (i) upon their request and confirmation that they understand the statements above; and (ii) on the condition that it will not be provided to any person other than the original recipient, and is not for general circulation and may not be reproduced or used for any other purpose.

Singapore. This document is distributed in Singapore by ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 of Singapore. In respect of any matters arising from, or in connection with, the distribution of this document in Singapore, please speak to your usual ANZ contact in Singapore.

United Arab Emirates (UAE). This document is distributed in the UAE or the Dubai International Financial Centre (**DIFC**) (as applicable) by ANZ. This document does not, and is not intended to constitute: (a) an offer of securities anywhere in the UAE; (b) the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the UAE, the Emirates Securities and Commodities Authority or the UAE Ministry of Economy; (c) an offer of securities within the meaning of the Dubai International Financial Centre Markets Law (DIFCML) No. 12 of 2004; and (d) a financial promotion, as defined under the DIFCML No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). The financial products or services described in this document are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules.

United Kingdom. This document is distributed in the United Kingdom by Australia and New Zealand Banking Group Limited (**ANZ**) solely for the information of persons who would come within the Financial Conduct Authority (**FCA**) definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the Prudential Regulation Authority (**PRA**) and the FCA. ANZ considers this document to constitute an Acceptable Minor Non-Monetary Benefits (**AMNMB**) under the relevant inducement rules of the FCA. ANZ is authorised in the United Kingdom by the PRA and is subject to regulation by the FCA and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request.

United States. Except where this is a FX-related document, this document is distributed in the United States by ANZ Securities, Inc. (**ANZ SI**) which is a member of the Financial Regulatory Authority (**FINRA**) (www.finra.org) and registered with the SEC. ANZSI's address is 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). ANZSI accepts responsibility for its content. Information on any securities referred to in this document may be obtained from ANZSI upon request. This document or material is intended for institutional use only – not retail. If you are an institutional customer wishing to effect transactions in any securities referred to in this document you must contact ANZSI, not its affiliates. ANZSI is authorised as a broker-dealer only for institutional customers, not for US Persons (as "US person" is defined in Regulation S under the US Securities Act of 1933, as amended) who are individuals. If you have registered to use our website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use our website by unsubscribing or should notify the sender and you should not act on the contents of this document in any way. Non-U.S. analysts may not be associated persons of ANZSI and therefore may not be subject to FINRA Rule 2242 restrictions on communications with the subject company, public appearances and trading securities held by the analysts. Where this is a FX-related document, it is distributed in the United States by ANZ's New York Branch, which is also located at 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 916 0 Fax: +1 212 801 9163).

Vietnam. This document is distributed in Vietnam by ANZ or ANZ Bank (Vietnam) Limited, a subsidiary of ANZ.

This document has been prepared by ANZ Bank New Zealand Limited, Level 26, 23-29 Albert Street, Auckland 1010, New Zealand, Ph 64-9-357 4094, e-mail nzeconomics@anz.com, <http://www.anz.co.nz>