# New Zealand Weekly Data Wrap

#### 21 April 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.



#### Forecast updates

Recent ANZ NZ Forecast Updates can be found here.

- NZ Forecast Update: getting an extension
- NZ Property Focus: rain check
- NZ Forecast Update: milk price forecasts revised down

Our other recent publications are on page 2.

## What's the view?

- GDP transitioning from acute supply constraints to a softening demand pulse.
- Inflation way above target, and looking sticky
- OCR to 5.50% 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 and financial market risks abound, as markets debate the rates outlook.



The housing slowdown could become disorderly if unemployment rises sharply.



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



NZ's large external imbalances could see the market impose a more abrupt adjustment path.

#### A challenge to the looming recession?

While CPI data this week was by far the most relevant data for the next OCR decision (see page 2), it's certainly not the only data released over the past week or so that has the potential to move the needle on monetary policy settings over time.

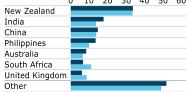
**REINZ** housing data for March was consistent with a loose market overall, but one that is on a tightening trajectory. The national-level HPI fell just 0.2% m/m in seasonally adjusted terms vs. an average monthly decline over the prior 15 months of around 1.2%. Some regions reported half decent m/m increases. Meanwhile, sales remain sub-par, but pulled themselves off the floor, and days to sell fell by 4, while still at historically high levels. Taken together with lifting auction clearance rates in Auckland, surging net migration (more below), and the recent decline in some longer-term fixed mortgage rates, these data suggest risks around our forecast for a 22% peak to trough decline in house prices are tilted to the upside.

If green shoots are emerging in housing, the next big question is what this means for household demand, CPI inflation, and therefore interest rates. With inflation as high as it is, the RBNZ may not be willing to tolerate any signs of a turnaround in housing just yet. Their February MPS forecast had house prices falling 23% from their peak – and that outlook will inevitably be impacting their private consumption and residential investment forecasts, where sub-par growth is key for ensuring the output gap turns negative and stays that way for as long as necessary to get inflation down.

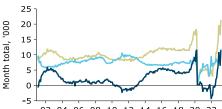
Turing to migration, data released last Friday showed monthly net migration came in at a whopping 11,655 in February (figure 2). Fair to say, this is a new upside risk to the activity and housing outlook and a downside risk to wage growth. CPI implications are more ambiguous as migration adds to both demand for goods and services and the supply of labour. We included a Special Topic on migration in our last Economic Outlook, noting our working assumption for 2023 was a net inflow of 40k. If the February pace continued over the coming year, we'd be looking at an annual inflow of around 140k. Assuming 30-60% of migrants enter employment/contribute to production (it tends to vary a lot by visa type and family status), and holding real GDP per capita constant at Q4 2022 levels, this could add 0.6 to 1.2%pts back into our current forecast for GDP to contract 1.1% over the three quarters to March 2024. In short, an extra 100k migrants (depending on the timing) versus our assumption could mean our forecast recession never happens!

At this stage, we're still expecting pent-up immigration demand dynamics to fade. Arrivals could turn down quickly, potentially just as departures lift further as the New Zealand winter takes hold.









02 04 06 08 10 12 14 16 18 20 22 — Arrivals — Departures — Net migration

## Looking ahead



### Recent Publications

ANZ produces a range of in-depth insights.

- NZ Agri Focus: a further lift required
- NZ Property Focus: Not a straight line
- NZ Insight: Inflation rotation
- 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 Agri Focus: a year of challenges
- NZ 2022 HYEFU: 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 Insight: 2020 hindsight
- NZ Agri Insight: feeding the world sustainably
- 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

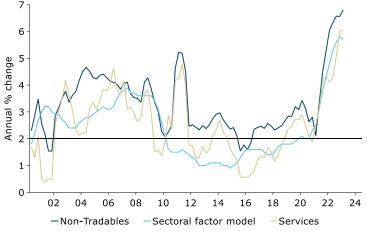
## Inflation: Q1 outturn and updated forecast

The Q1 CPI release came in below our (and the RBNZ's) expectation by a decent clip (ANZ: 1.7% q/q; RBNZ: 1.8% q/q; Actual: 1.2% q/q). However, the surprise came largely from the volatile tradables component, meaning the good news from a persistent underlying inflation perspective is limited.

After accounting for the starting point, our inflation outlook is little changed from previously. We have retained previous cyclone impact assumptions (see more on this here) and still see plenty of underlying inflation pressures stemming from the too-tight (but loosening) labour market. On our forecast, headline CPI inflation peaked at 7.3% in June 2022, but it'll take a while to get back to the 2% target midpoint (late 2025). Annual tradables inflation (largely influenced by global factors and the NZD) is expected to continue decelerating, and quite quickly too, slowing from a peak of 8.7% y/y in June 2022 to just 0.8% y/y come late 2025. Non-tradables inflation (the domestic and 'sticky' kind) is expected to slow from a peak of 6.8% in Q1 2023, to 3% by late 2025, reflecting a further unwinding of housing-related inflation and diminishing labour cost pressures (via a looser labour market). See figure 4 on page 4 for our CPI forecasts.

For the RBNZ, it's the potential persistence in sticky inflation, such as nontradables and services inflation, that will be keeping the Committee up at night. The RBNZ will be cognisant of the risk that while reducing nontradables inflation from 6.8% to 5% is likely to prove relatively easy given base effects (particularly with regards to housing-related costs), getting it from 5% to 3% may require further work. The Q1 CPI data certainly didn't provide much relief on the sticky inflation front. The RBNZ's sectoral factor model may have slowed marginally, but some measures of core inflation lifted. Meanwhile, both annual non-tradables inflation and services inflation accelerated. As we noted last week, a lot still needs to go right for the RBNZ's inflation and OCR outlooks to materialise.

#### Figure 3. 'Sticky' inflation measures



Source: Stats NZ, RBNZ, Macrobond, ANZ Research

Bottom line: the Q1 CPI data does mean a slightly softer starting point for non-tradables inflation than the RBNZ's February forecast, which is very welcome. But while that reduces the risk of the OCR needing to go higher than the 5.5% peak we are forecasting, there are offsets. There could be more fiscal stimulus to lean against come Budget day, and the RBNZ may yet have more cyclone-related inflation to bake into their outlook (as signalled in the April Monetary Policy Review). We continue to expect a 25bp hike at next month's MPS. The Q1 CPI data is likely not going to be seen by the RBNZ as warranting a pause, but it should rule out another 50bp hike.



## Financial markets update

Data

calendar

91	What's coming up						
	in the months						
	ahead.						
Date	Data/event						
Wed 26 Apr	ANZ Truckometer –						
(10:00am)	Mar						
Wed 26 Apr	Merchandise Trade –						
(10:45am)	Mar						
Thu 27 Apr	ANZ Business						
(1:00pm)	Outlook – Apr						
Fri 28 Apr	ANZ-RM Consumer						
(10:00am)	Confidence – Apr						
Fri 28 Apr (3:00pm)	RBNZ Sectoral Lending – Mar						
	0						
Wed 3 May (early am)	GlobalDairyTrade auction						
Wed 3 May	Labour Market -						
(10:45am)	Q1						
Thu 4 May	Building Permits –						
(10:45am)	Mar						
Thu 4 May	ANZ Commodity						
(1:00pm)	Price Index – Apr						
Tue 9 May	Electronic Card						
(10:45am)	Transactions – Apr						
Thu 11 May	Food Price Index –						
(10:45am)	Apr						
Thu 11 May (10:45am)	Rental Price Index – Apr						
Fri 12 May	BusinessNZ Manuf						
(10:30am)	PMI – Apr						
Fri 12 May	· · · · · · · · · · · · · · · · · · ·						
(10:45am)	Net Migration – Mar						
Fri 12 May	2Yr Inflation						
(3:00pm)	Expectations – Q2						
Mon 15 May	Performance						
(10:30am)	Services Index – Apr						
Wed 17 May	GlobalDairyTrade						
(early am)	auction						
Thu 18 May	NZ Budget 2023						
(2:00pm)	Manahan dian Trada						
Fri 19 May (10:45am)	Merchandise Trade – Apr						
Tue 23 May	ANZ Truckometer –						
(10:00am)	Apr						
Wed 24 May	· ·						
(10:45am)	Retail Sales						
Wed 24 May	RBNZ MPS						
(2:00pm)	KDNZ MP5						
Fri 26 May	ANZ-RM Consumer						
(10:00am)	Confidence – May						
Tue 30 May	Building Permits –						
(10:45am)	Apr						
Wed 31 May	ANZ Business						
(1:00pm)	Outlook - May						
Wed 31 May (3:00pm)	RBNZ Sectoral Lending – Apr						
Fri 2 Jun							
(10:45am)	Terms of Trade – Q1						

#### Interest rate markets

The theme of this week has been a rethink on the part of global markets regarding when and how guickly the Federal Reserve is likely to cut rates. US March data including retail sales, industrial production and consumer confidence were all resilient (albeit in the context of slowing momentum), challenging the previous consensus of not only "one and done" but also cuts in the second half of the year. Concerns about imminent tightening of financial conditions due to March bank wobbles have also faded. This rethink has flowed through into RBNZ pricing to some extent as well. CPI data on Thursday interrupted the upward creep, however. Weaker-than-expected headline CPI inflation data was enthusiastically embraced by the market, with the 1-year swap yield down around 10bps initially before rebounding somewhat to currently sit just a couple of bps below where it closed on Wednesday. This perhaps reflects the fact that analysts (including us) continue to expect a further 25bp hike in May. There's little in the way of 'hard data' due locally next week, and the US data calendar is also reasonably light until GDP next Friday night.

#### FX markets

The NZD's downward trend since its peak on 5 April remains broadly in place, with Thursday's CPI data providing a decent shove lower in NZD/USD. A more convincing downward trend was evident in NZD/AUD over the week, with the RBA minutes suggesting the decision to pause was a close-run thing. Going forward, the NZD faces headwinds: the large current account deficit, weaker commodity prices, and hard landing fears. Supports include carry, and resilience in China's activity data.

#### Key data summary

**Performance of Manufacturing Index** – **March.** Back in contractionary territory (48.1), and back to a level consistent with our outlook.

**Net Migration - February.** Surged, and presents fresh upside risk to our GDP and housing outlooks.

Performance Services Index – March. Fell to a still-expansionary 54.4.

**Food Prices – March.** Up 0.8% m/m to be up 12.1% y/y. Fruit and veggies were up 22.2% y/y.

Rental Price Index – March. Up 0.4% m/m and 3.9% in annual terms.

**REINZ House Prices – March.** Loose, but tightening. The overall vibe was stronger than our expectation. See our Review.

**GlobalDairyTrade auction.** Prices unexpectedly lifted, with the index gaining 3.2%. Offer volumes were slightly lower than previous events but in line with forecasts and therefore would not have been an influencing factor.

**CPI – Q1**. Strong, but weaker than expected. Sticky underlying inflation will remain a worry for the RBNZ. See our Review.

#### The week ahead

ANZ Truckometer - March (Wednesday 26 April, 10:00am).

**Overseas Merchandise Trade – March (Wednesday 26 April, 10:45am).** A trade deficit in the vicinity of \$1b is forecast as imports continue to outpace exports.

ANZ Business Outlook – April (Thursday 27 April, 1:00pm).

ANZ Roy Morgan Consumer Confidence – April (Friday 28 April, 10:00am).

## Key forecasts and rates



	Actual							
Feb-23	Mar-23	Today	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24
0.616	0.626	0.618	0.630	0.640	0.650	0.650	0.650	0.650
0.915	0.936	0.916	0.926	0.914	0.903	0.903	0.903	0.890
0.580	0.577	0.563	0.573	0.571	0.570	0.560	0.551	0.542
84.2	83.1	82.9	81.9	81.3	80.6	79.3	78.0	76.7
0.509	0.507	0.497	0.508	0.512	0.516	0.508	0.504	0.500
70.8	71.3	70.2	70.5	70.5	70.6	70.1	69.7	69.1
Feb-23	Mar-23	Today	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24
4.75	4.75	5.25	5.50	5.50	5.50	5.50	5.50	5.25
5.13	5.23	5.59	5.60	5.60	5.60	5.60	5.43	4.93
5.37	5.03	5.10	5.25	4.75	4.34	4.25	4.15	4.10
4.57	4.20	4.18	4.15	3.75	3.50	3.50	3.75	4.00
	0.616 0.915 0.580 84.2 0.509 70.8 Feb-23 4.75 5.13 5.37	0.616 0.626   0.915 0.936   0.580 0.577   84.2 83.1   0.509 0.507   70.8 71.3   Feb-23 Mar-23   4.75 4.75   5.13 5.23   5.37 5.03	Feb-23Mar-23Today0.6160.6260.6180.9150.9360.9160.5800.5770.56384.283.182.90.5090.5070.49770.871.370.2Feb-23Mar-23Today4.754.755.255.135.235.595.375.035.10	Feb-23Mar-23TodayJun-230.6160.6260.6180.6300.9150.9360.9160.9260.5800.5770.5630.57384.283.182.981.90.5090.5070.4970.50870.871.370.270.5Feb-23Mar-23TodayJun-234.754.755.255.505.135.235.595.605.375.035.105.25	Feb-23Mar-23TodayJun-23Sep-230.6160.6260.6180.6300.6400.9150.9360.9160.9260.9140.5800.5770.5630.5730.57184.283.182.981.981.30.5090.5070.4970.5080.51270.871.370.270.570.5Feb-23Mar-23TodayJun-23Sep-234.754.755.255.505.505.135.235.595.605.605.375.035.105.254.75	Feb-23Mar-23TodayJun-23Sep-23Dec-230.6160.6260.6180.6300.6400.6500.9150.9360.9160.9260.9140.9030.5800.5770.5630.5730.5710.57084.283.182.981.981.380.60.5090.5070.4970.5080.5120.51670.871.370.270.570.570.6Feb-23Mar-23TodayJun-23Sep-23Dec-234.754.755.255.505.505.505.135.235.595.605.605.605.375.035.105.254.754.34	Feb-23Mar-23TodayJun-23Sep-23Dec-23Mar-240.6160.6260.6180.6300.6400.6500.6500.9150.9360.9160.9260.9140.9030.9030.5800.5770.5630.5730.5710.5700.56084.283.182.981.981.380.679.30.5090.5070.4970.5080.5120.5160.50870.871.370.270.570.570.670.1Feb-23Mar-23TodayJun-23Sep-23Dec-23Mar-244.754.755.255.505.505.505.505.135.235.105.254.754.344.25	Feb-23Mar-23TodayJun-23Sep-23Dec-23Mar-24Jun-240.6160.6260.6180.6300.6400.6500.6500.6500.9150.9360.9160.9260.9140.9030.9030.9030.5800.5770.5630.5730.5710.5700.5600.55184.283.182.981.981.380.679.378.00.5090.5070.4970.5080.5120.5160.5080.50470.871.370.270.570.570.670.169.7Feb-23Mar-23TodayJun-23Sep-23Dec-23Mar-24Jun-244.754.755.255.505.505.505.505.505.435.375.035.105.254.754.344.254.15

#### **Economic forecasts**

	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24
								1-	
GDP (% qoq)	-0.6	0.2	0.3	-0.3	-0.6	-0.2	0.1	0.3	0.3
GDP (% yoy)	2.2	2.9	1.6	-0.4	-0.4	-0.8	-1.0	-0.4	0.5
CPI (% qoq)	1.4	1.2	1.1	2.0	0.7	0.8	0.5	0.8	0.5
СРІ (% уоу	7.2	6.7	6.1	5.9	5.2	4.7	4.0	2.8	2.6
Employment (% qoq)	0.1	0.3	0.2	-0.4	-0.4	-0.4	-0.1	0.1	0.2
Employment (% yoy)	1.3	1.7	2.0	0.3	-0.3	-1.0	-1.3	-0.8	-0.2
Unemployment Rate (% sa)	3.4	3.4	3.5	4.0	4.5	5.0	5.2	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

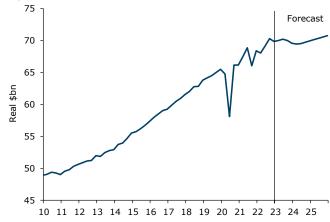
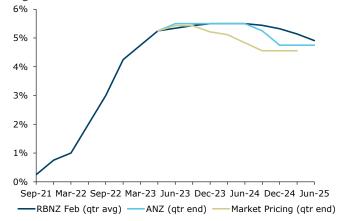
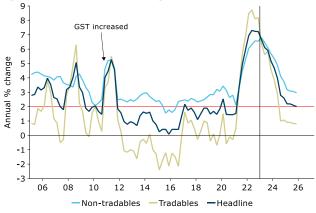


Figure 6. OCR forecast

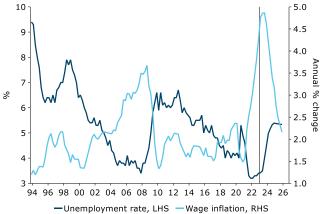


Source: Stats NZ, Bloomberg, RBNZ, Macrobond, ANZ Research

Figure 5. CPI inflation components









### 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

## **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



#### Miles Workman Senior Economist

Macroeconomic forecast coordinator, fiscal policy, economic risk assessment and credit developments.

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

Follow ANZ Research @ANZ\_Research (global)



#### 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



#### **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 Last updated: 18 April 2023

The opinions and research contained in this document (which may be in the form of text, image, video or audio) are (a) not personal financial advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and do 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 by ANZ Bank New Zealand Limited (ANZ Centre, 23-29 Albert Street, Auckland 1010, New Zealand). This document is distributed in your country/region by Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (ANZ), a company incorporated in Australia or (if otherwise stated), by its subsidiary or branch (herein collectively referred to as **ANZ Group**). The views expressed in this document are those of ANZ Economics and Markets Research, an independent research team of ANZ Bank New Zealand Limited.

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 Group 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 Group would be subject to additional licensing or registration requirements. Further, any products and services mentioned in this document may not be available in all countries.

ANZ Group in no way provides any personal 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 Group does not represent or warrant the accuracy or completeness of the information, except with respect to information concerning ANZ Group. Further, ANZ Group 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 Group 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. Any 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 Group 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 Group may have an interest in the subject matter of this document. They may receive fees from customers for dealing in any 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 any 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 Group's policies on conflicts of interest and ANZ Group maintains appropriate information barriers to control the flow of information between businesses within the group.

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

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 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 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. 溴门. 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 document is distributed in New Zealand by ANZ Bank New Zealand Limited. The material is for information purposes only and is not financial advice about any product or service. We recommend you seek 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 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.** To the extent that this document contains any statements of opinion and/or recommendations related to an investment product (as defined in the Financial Advisers Act 2001), 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 2001 of Singapore). ANZ is licensed in Singapore under the Banking Act 1970 of Singapore and is any matters arising from, or in connection with, the distribution 23(1)(a) of the Financial Advisers Act 2001 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**). 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 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 wishing to effect transactions in any securities referred to INS 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 individuals. If 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.