New Zealand Weekly Data Wrap

10 May 2024

ANZ 😯

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.





ANZ Proprietary data

Check out our latest releases below

- ANZ Business Outlook
- ANZ-Roy Morgan Consumer Confidence
- ANZ Truckometer
- ANZ Commodity Price Index
- ANZ NZ Merchant and Card Spending: March 2024

Key forecasts and rates

Our forecasts can be found on page 4.

Glossary

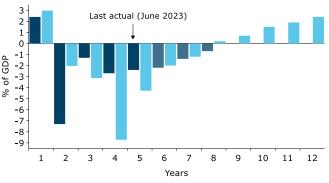
Confused by acronyms or jargon? See a glossary here.

NZ fiscal data mixed; RBA goes up a notch on hawk-o-meter

This week the New Zealand Treasury published interim Financial Statements of the Government for the 9 months ended 31 March. The details gave mixed signals. Tax revenues were \$1.2bn lower than December's Half-Year Update forecast, which coincidentally is the same variance presented in the Budget Policy Statement (BPS) "scenario" for the full fiscal year. If recent trends continue, tax outturns may well come in weaker than the downgrade presented in the BPS. Conversely, the residual cash deficit was running just \$0.6bn wider than forecast as at March, which is a significant improvement from \$1.5bn wider as at February. On face value, that suggests starting point pressure on NZDM's funding requirement may not be as bad as previously thought. But looking at the details suggests some of this is timing related, meaning if pressure on bond issuance is a touch lower than previously thought for the current fiscal year, that's unlikely to change how many more bonds are likely to be issued over the next four years.

All in all, we remain comfortable with our previous back-of-the-envelope estimate that the bond programme could be lifted by \$10-\$12bn over the next four years come Budget on 30 May. But we'll also be paying close attention to any pre-Budget announcements from the Minister of Finance between now and Budget Day. Of particular interest will be whether the NZ Treasury will continue to forecast a surplus over the four years to June 2028. If not, that would mark nine years in deficit following the pandemic vs seven years following the GFC. And that's despite the latter being the more severe shock in terms of unemployment and aggregate demand.

Figure 1. OBEGAL deficits in crises



COVID-19 and Cyclone Gabrielle (using Half-Year Update 2023 forecast)
 GFC and Canterbury earthquakes

Source: New Zealand Treasury, Macrobond, ANZ Research

It's worth noting that a delay in the return to surplus is not expected to be a result of discretionary fiscal policy decisions. On that front, the net impact of tax and spending cuts appear broadly neutral (but we'll need to wait for Budget to get confirmation of that). Rather, the downgrade to the fiscal outlook is expected to be driven by a downgrade to how the Treasury expect the economy to evolve.

Turning to global events this week, the Reserve Bank of Australia delivered a hawkish pivot, but less so than we anticipated. That's despite meaningful upwards revisions to the RBA's inflation forecasts. We continue to favour November for the start of the easing cycle in Australia, although risks remain skewed toward that being delayed into 2025. Monetary settings have evolved a little differently in New Zealand. We compare and contrast the two economies on page 2.





NZ Economic News

ANZ's latest data releases, forecast updates and insights

- NZ labour market: softening
- NZ Property Focus: looking for a signal from Auckland
- NZ Agri Focus: high and dry
- NZ CPI Review: strong
 underbelly
- NZ REINZ housing data: March back
- RBNZ MPR Review: keep calm and carry on
- RBNZ MPR Preview: nothing (much) to see here
- NZ Property Focus: buy vs rent
- NZ Insight: new Government, new fiscal strategy
- NZ GDP: ending 2023 with a fizzle
- RBNZ MPS Review: pivot!
- NZ Forecast Update: milk price revised up
- NZ Property Focus: cruel summer
- NZ Economic Outlook: calibrating the landing
- NZ Agri Focus: harvest time
- NZ Half-Year Update 2023 Preview: new team, new game plan
- NZ Insight: house prices impacts from proposed DTI and LVR settings
- NZ Insight: recession?
- NZ Insight: labour market capacity indicators
- NZ Insight: Coalition policy announcements
- NZ Insight: what an oil price shock could mean for inflation
- NZ Insight: macro impacts in New Zealand from an increase in global term rates

Click here for more.

Compare and contrast – New Zealand and Australia

We're often asked about how the New Zealand economy is tracking against Australia - not so much from a rivalry perspective, but more from the perspective of what's different, and why. International observers often view both countries through the same lens, but right now, there are more differences than there are similarities! This is easy to spot when one takes a high-level scorecard approach, as we do in our regular NZD Updates. If we re-run the analysis today, as figure 2 shows, while NZ and Australia are similar for having more first and second place rankings than other currencies, we don't often rank first where Australia ranks second, and vice versa. Inflation and our good credit ratings are two such instances, but for inflation, there's still a big gap between New Zealand and Australia, and the rest of the world. Invariably, when Australia ranks highly, we are either mediocre (2yr rates trading much farther below cash, a higher unemployment rate) or way off the pace (we're running a Budget deficit when Australia is running a surplus). Worse still, in two categories (GDP and the current account), NZ is basically the complete opposite. Some of these differences underscore the depreciation of NZD/AUD this year.

Figure 2. Global FX scorecard	(snapped at 10.30am on 9 May)	

Category	NZD	AUD	USD	CAD	GBP	EUR
Annual GDP growth	-0.3%	1.5%	3.0%	0.8%	-0.2%	0.4%
Annual CPI inflation	4.0%	3.6%	3.5%	2.9%	3.2%	2.4%
Policy rate (cash rate)	5.50%	4.35%	5.50%	5.00%	5.25%	4.50%
2yr swap rate (spread to cash)	-0.48%	-0.11%	-0.74%	-0.45%	-0.46%	-1.22%
10yr bond yield*	4.71%	4.29%	4.49%	3.63%	4.14%	2.46%
Unemployment	4.3%	3.8%	3.9%	6.1%	4.2%	6.5%
C/A balance % GDP	-6.9%	1.2%	-2.9%	-0.6%	-3.3%	1.9%
Budget balance % GDP~	-2.5%	0.7%	-7.9%	-1.4%	-4.5%	-3.4%
Govt net debt % GDP^	23.3%	29.1%	97.6%	13.3%	92.9%	46.4%
Credit Rating (S&P)*	AA+	AAA	AA+	AAA	AA	AAA

Source: IMF, Standard and Poor's (S&P), Bloomberg, ANZ Research.

 \sim Budget Balances are Bloomberg's consensus forecast, with Germany quoted for EUR.

 $^{\rm A}$ Net Debt figures are IMF's forecast for General Government Net Debt for this calendar year, with Germany quoted for EUR.

* EUR 10yr Bond Yield is the German Bund, Credit rating is Germany's.

1st place (or #1) in each category shaded **dark blue**, 2nd place (or #2) **light blue**, 2nd last place **orange**, and last place shaded **red**.

There are also other similarities masking differences. NZ's population grew by 2.8% in 2023 (year to December), vs 2.5% in Australia (year to September), but at the same time, a record number of Kiwis left NZ, with data suggesting that 53% of them were bound for Australia. Not surprisingly, both countries are struggling to house new immigrants (as are many other countries), but whereas prices in Australia (across the main cities) are at a new peak, NZ house prices have not yet regained their 2021 peak.

Both countries are experiencing above-target inflation, but Australia is closer to the mid-point of its 2-3% target than NZ is to its 1-3% target. The RBNZ expects inflation to be within its target band by year end, but even so, they are in no hurry to cut. By contrast, some in markets think that the RBA may need to hike again. We don't think that's likely, but of note, the RBA is forecasting a rise in inflation, from its current rate of 3.6% to 3.8% by the end of the year. When thinking about where the two countries are headed, there is more nuance than commonality, even if that isn't often the case.



Financial markets update

calendar
What's coming up
in the months
ahead.

Data

Date	Data/event
Mon 13 May	Performance
(10:30am)	Services Index – Apr
Mon 13 May	Selected Price
(10:45am)	Indexes – Apr
Mon 13 May	RBNZ 2Yr Inflation
(3:00pm)	Expectations – Q2
Tue 14 May	REINZ Housing Data
(09:00am) Tue 14 May	- Apr ANZ Truckometer –
(10:00am)	Apr
Tue 14 May	Electronic Card
(10:45am)	Transactions – Apr
Tue 14 May	· · · ·
(10:45am)	Net Migration – Mar
Wed 22 May	GlobalDairyTrade
(early am)	auction
Wed 22 May	RBNZ MPS
(2:00pm)	
Thu 23 May	Retail Trade – Q1
(10:45am)	
Fri 24 May	ANZ-RM Consumer
(10:00am) Fri 24 May	Confidence – May
(10:45am)	Merchandise Trade – Apr
Wed 29 May	ANZ Business
(1:00pm)	Outlook – May
Thu 30 May	Building Permits –
(10:45am)	Apr
Thu 30 May	Budget 2024
(2:00pm)	Budget 2024
Wed 5 Jun	GlobalDairyTrade
(10:45am)	auction
Wed 5 Jun	
	Terms of Trade – 01
(10:45am)	Terms of Trade – Q1
(10:45am) Thu 6 Jun	Volume of All
(10:45am) Thu 6 Jun (10:45am)	Volume of All Buildings – Q1
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun	Volume of All Buildings – Q1 ANZ Commodity
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer –
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun (10:45am) Fri 14 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card Transactions – May BusinessNZ Manuf
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun (10:45am) Fri 14 Jun (10:30am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card Transactions – May BusinessNZ Manuf PMI – May
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun (10:45am) Fri 14 Jun (10:30am) Fri 14 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card Transactions – May BusinessNZ Manuf PMI – May Selected Price
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun (10:45am) Fri 14 Jun (10:30am) Fri 14 Jun (10:45am)	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card Transactions – May BusinessNZ Manuf PMI – May Selected Price Indexes – May
(10:45am) Thu 6 Jun (10:45am) Thu 6 Jun (1:00pm) Fri 7 Jun (10:45am) Tue 11 Jun (10:00am) Wed 12 Jun (10:45am) Thu 13 Jun (10:45am) Fri 14 Jun (10:30am) Fri 14 Jun	Volume of All Buildings – Q1 ANZ Commodity Price Index – May Economic Survey of Manufacturing – Q1 ANZ Truckometer – Apr Net Migration – Apr Electronic Card Transactions – May BusinessNZ Manuf PMI – May Selected Price

Interest rate markets

This week has been punctuated by increased volatility locally and globally, with bond yields ebbing and flowing with US data. NZ 2yr swap rates have run into paying pressure on dips below 5%, thanks mainly to negative carry (BKBM is around 5.6%). Similarly, OIS markets have run into paying pressure as expectations for November have approached 5% (implying two OCR cuts), with markets viewing that as the likely limit of how far the OCR may go by then, and that has scope to put a near-term floor under short end rates. Going the other way, NZ bonds continue to outperform global counterparts, with geographic spreads narrowing. Demand for NZGBs has been strong into the lengthening of bond index durations at the end of last month, and into the middle of next week, but the real acid test will come with the Budget, which is likely to bring more bond supply, as noted on page 1.

FX markets

It has been a week of range-trading for the Kiwi, with no local data out, and with global FX markets focussed on the yen and Japan's tolerance for further weakness. With a slower Fed easing cycle now likely, we expect the USD to hold up for longer, and have downgraded our Kiwi forecasts (see page 4).

Key data summary

ANZ Commodity Price Index – April. The ANZ World Commodity Price Index lifted 0.5 m/m in April as stronger meat and aluminium prices offset further weakness in forestry returns.

Global Dairy Trade auction. Dairy prices defied market expectations with the headline GDT index lifting 1.8%. Whole milk powder (WMP) prices gained 2.4% and butter lifted 2.1%.

The week ahead

Performance Services Index – April (Monday 13 May, 10:30am). After falling sharply in March, a technical bounce to a still-contractionary level would not surprise.

Selected Price Indexes – April (Monday 13 May, 10:45am). Broadly, we expect softer inflation momentum across the SPI. We expect food prices to fall 0.2% m/m and rents to rise 0.4% m/m. MBIE data suggests petrol prices rose 1.8% m/m, though recent moves in oil prices and the NZD could see this bounce prove to be short lived. We expect airfares to fall modestly. Usual seasonal patterns suggest a sharp fall in domestic accommodation prices, while a modest fall is expected in overseas accommodation prices. On the latter, we have applied negative judgement to the usual seasonal pattern, reflecting our view that strength exhibited over Q1 unwinds.

RBNZ Inflation Expectations – Q2 (Monday 13 May, 3:00pm). The lower inflation starting point and rolling forecasts forward a quarter should see the 1yr ahead measure fall below 3%. That would be an important milestone for the RBNZ. The RBNZ will be hoping to see the 2yr ahead and 5yr ahead measure move closer to the 2% target midpoint.

REINZ House Prices – April (Tuesday 14 May, 9:00am). The HPI fell 0.5% m/m in March after seasonal adjustment. We're expecting another soft print in April.

ANZ Truckometer – April (Tuesday 14 May, 10:00am).

Electronic Card Transactions – April (Tuesday 14 May, 10:45am). ANZ data suggest April was a weak month for spending.

Net Migration – March (Tuesday 14 May, 10:45am). We appear to be past the peak of the cycle, but net inflows are still very elevated.





		Actual	al Forecast (end month)						
FX rates	Mar-24	Apr-24	Today	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25
NZD/USD	0.598	0.595	0.603	0.600	0.610	0.620	0.620	0.620	0.630
NZD/AUD	0.918	0.911	0.911	0.909	0.910	0.899	0.886	0.886	0.887
NZD/EUR	0.554	0.554	0.559	0.556	0.560	0.564	0.554	0.544	0.543
NZD/JPY	90.5	93.3	93.8	91.2	91.5	91.8	89.3	88.0	88.2
NZD/GBP	0.474	0.474	0.482	0.476	0.477	0.477	0.470	0.459	0.463
NZ\$ TWI	70.4	70.5	71.1	70.6	71.2	71.5	70.8	70.3	70.9
Interest rates	Mar-24	Apr-24	Today	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25
NZ OCR	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.25	5.00
NZ 90 day bill	5.64	5.63	5.63	5.54	5.49	5.44	5.39	5.20	4.95
NZ 2-yr swap	4.80	5.11	5.02	4.88	4.77	4.66	4.55	4.39	4.27
NZ 10-yr bond	4.54	4.90	4.73	5.00	4.75	4.50	4.50	4.50	4.50

Economic forecasts

	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25	Sep-25	Dec-25
GDP (% qoq)	-0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.6	0.6
GDP (% yoy)	-0.3	0.3	0.0	0.6	1.0	1.1	1.3	1.6	1.9
CPI (% qoq)	0.5	0.6	0.5	1.0	0.3	0.4	0.4	0.8	0.4
СРІ (% уоу)	4.7	4.0	3.4	2.6	2.4	2.1	2.0	1.9	2.0
Employment (% qoq)	0.4	-0.2	-0.1	-0.2	-0.1	0.1	0.2	0.3	0.4
Employment (% yoy)	2.7	1.3	0.1	-0.1	-0.6	-0.3	0.0	0.5	1.0
Unemployment Rate (% sa)	4.0	4.3	4.6	5.0	5.2	5.3	5.4	5.5	5.5

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



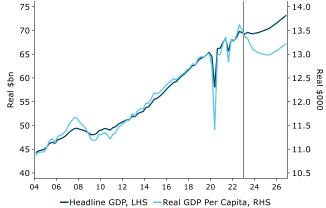


Figure 5. OCR forecast

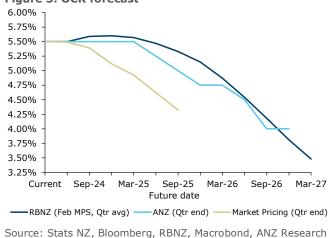
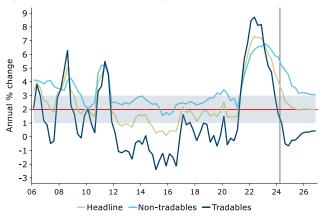
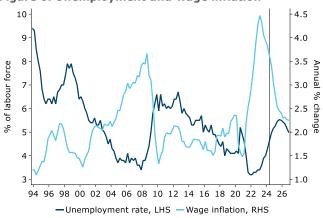


Figure 4. CPI inflation components









Meet the team

We welcome your questions and feedback. Click here for more information about our team.



Sharon Zollner Chief Economist

Follow Sharon on X @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 co-ordinator, economic developments, GDP and activity dynamics, fiscal and monetary policy.

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



Henry Russell Economist

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

Telephone: +64 21 629 553 Email: henry.russell@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: 20 February 2024

The opinions and research contained in this document (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) general in nature and do not take into account your financial situation or goals.

This document may be restricted by law in certain jurisdictions. Recipients must 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 it 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 in it 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 and made on reasonable grounds on the date it was published, ANZ Group does not represent or warrant the accuracy or completeness of the information. 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.

This document may contain forward looking statements or opinions including statements regarding our intent, belief or current expectations regarding economic and market conditions, financial instruments and credit markets. Such statements are usually predictive in character, may not be accurate once the future becomes known and should not be relied upon when making investment decisions. Past performance is not a reliable indicator of future performance. ANZ does not accept any responsibility to inform you of any revisions to these forward-looking statements to reflect events or circumstances occurring after the date of 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. 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. 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 crossborder 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 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. 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).

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 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. To the extent that this document contains any statements of opinion and/or recommendations related to an investment product or class of 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 exempted from holding a financial adviser's licence under Section 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 wishing to effect transactions in any securities referred to so use our website or have otherwise received this document and are a US Person who is an individuals. If you have registered 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.