

New Zealand Weekly Data Wrap

4 March 2022



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 4](#).

Forecast updates

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

- [NZ Property Focus: At your service](#)
- [NZ Quarter Economic Outlook: Turning points](#)
- [NZ Labour Market Forecast Update: applying pressure](#)
- [NZ Update: Farmgate milk price forecast revised up](#)
- [NZ OCR Call Change: 3% by April 2023](#)

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

What's the view?

- GDP constrained by supply more than demand
- Labour market tighter than ever, and very inflationary
- Inflation way above target
- Further OCR hikes towards 3.0% by April 2023 needed to contain inflation

Our forecasts are on [page 3](#).

Key risks to our view



Falling consumer and business sentiment derail momentum.



Falling house prices could have a more significant impact on the economy than expected.



Surging costs, inflation expectations, and highly inflationary labour market could be hard to rein in.

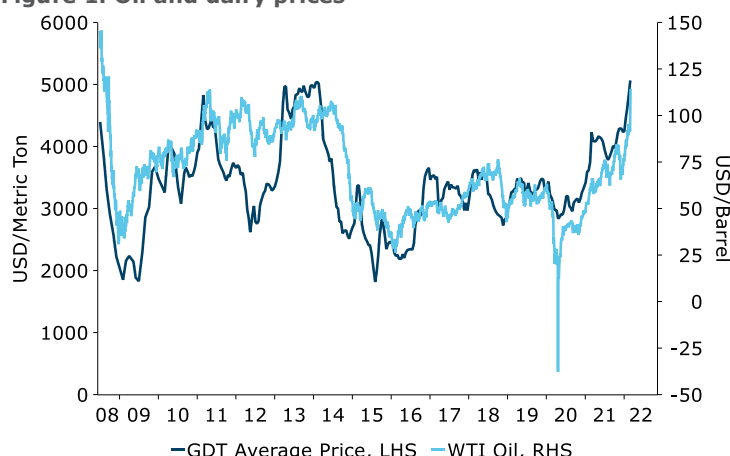


Omicron outbreak causes severe disruption and shortages.

What happened this week?

The data flow this week maintained its high-inflation, peaky-growth vibe. On the inflation front, import and export prices both [posted solid gains](#) in Q4. Import price rises won, pushing the terms of trade down 1%, but our Commodity Price Index for February hit another all-time high, and this week's GDT auction posted a new record. So there's likely plenty of strength to come on the export side. However, the same goes for imports, with oil prices above USD110/bbl this week as the Ukraine crisis deepens (figure 1). For Kiwis, the most immediate impact will be at the pump, but this will also add to transport costs (already sky high) and likely weigh on global economic sentiment – something of which a small open economy such as NZ should be wary.

Figure 1. Oil and dairy prices



Source: Global Dairy Trade, Bloomberg, Macrobond, ANZ Research

In contrast to prices, activity indicators soured. January's 9.2% m/m fall in building permits suggests construction demand has peaked, and our February [Business Outlook](#) and [Consumer Confidence](#) made for pretty grim reading too, with both business and consumer sentiment tanking. But inflation expectations remain sky-high for households, and businesses' pricing intentions have spiked aggressively higher. Combined with surging commodity prices, it's a recipe for even more inflation. It's looking increasingly likely that inflation will peak at or above 7% (our current forecast is 6.4%), and for a Monetary Policy Committee who were already tossing up a 50bp hike last week, these developments could well be enough to tip the balance in favour of moving more aggressively.

Key data summary

ANZ Business Outlook – February. Activity dropped, inflation indicators [lifted](#).

RBNZ sectoral lending data – January. Housing lending growth is gradually slowing, while business lending is still rising.

GlobalDairyTrade auction. The GDT Price Index rose 5.1% to reach an all-time high in a market that's traded since 2008. Prices are up 19.5% since January.

Building Permits – January. Down 9.2% m/m, suggesting the slowing housing market and capacity pressures are weighing.

Overseas Trade Indices – Q4. The [terms of trade](#) fell 1% q/q.

ANZ Commodity Price Index – February. Surged 3.9% to a [new record high](#).

ANZ Roy Morgan Consumer Confidence – February. [Plunged](#) 16 points.



Looking ahead



Recent Publications

ANZ produces a range of in-depth insights.

- NZ Insight: The Reopening II – shifting economic sands
- NZ Property Focus: At your service
- NZ Insight: Terms of trade: risks and opportunities
- NZ Agri Focus: heating up
- NZ Insight: Endemic COVID-19 and labour supply
- NZ Property Focus: Coming back to earth
- NZ Agri Focus: Higher prices for Christmas
- NZ Insight: The real cost of inflation
- NZ Insight: The Reopening
- NZ Property Focus: Risks building
- NZ Insight: NZ-UK Free Trade Agreement
- NZ Insight: The 'great resignation' in New Zealand
- NZ Insight: States of the world

Click [here](#) for more.

Data calendar

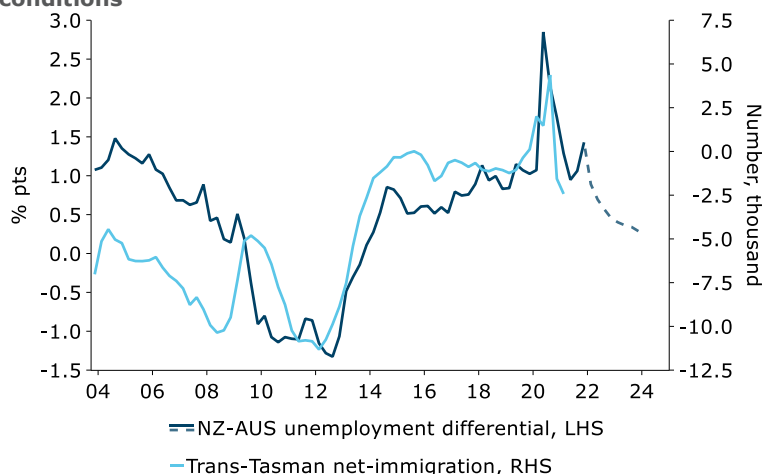
Date	Data/event
Tue 8 Mar (10:45am)	Building Work Put in Place – Q4
Wed 9 Mar (10:00am)	ANZ Truckometer– Feb
Wed 9 Mar (10:45am)	Manufacturing Activity – Q4
Thu 10 Mar (10:45am)	Electronic Card Transactions – Feb
Fri 11 Mar (10:30am)	BusinessNZ Manuf PMI – Feb
Fri 11 Mar (10:45am)	Food Price Index – Feb
Fri 11 Mar (10:45am)	Rental Price Index – Feb
Mon 14 Mar (10:45am)	Net Migration – Jan
Tue 15 Mar (10:30am)	Performance Services Idx – Aug
Wed 16 Mar (early am)	GlobalDairyTrade auction
Wed 16 Mar (10:45am)	Current Account – Q3
Thu 17 Mar (10:45am)	GDP – Q3
Mon 21 Mar (10:45am)	Merchandise Trade – Feb

What are we watching?

Plans to reopen the international border are evolving rapidly as the Omicron wave shifts the relative risks of allowing overseas arrivals into the country. On Monday fully vaccinated Kiwis were able to return from Australia without going through MIQ, on Wednesday self-isolation requirements [were scrapped](#). And as of today, fully vaccinated Kiwis from any country are allowed to return home without needing to go through the MIQ lottery.

However, as we outlined in an [insight note](#) this week, the current plan is still a staggered approach to reopening. As it is [currently stands](#), the reopening process won't actually finish until October of this year for all visa types. And in the meantime, there's a risk that we see significant net outflows of Kiwis to Australia and other countries over mid-2022, given that they no longer have to worry about having to go through MIQ if they need to come home. This risk is particularly pronounced given the outlook for the Australian labour market. We're expecting the Australian unemployment rate will fall from 4.2% in January to just 3.3% by the end of the year – closing the gap rapidly with New Zealand's labour market, which we expect will show a 2.9% unemployment rate by that time. A large net outflow of Kiwi workers across the Ditch could see the labour market tighten even further, driving domestic inflation still higher as well. However, uncertainty is hard to overstate, so this is a risk we're monitoring, rather than our main forecast.

Figure 2. Quarterly trans-Tasman net immigration and relative labour market conditions



Source: ABS, Macrobond, ANZ Research

The week ahead

Building Work Put in Place – Q4 (Tuesday 8 March, 10:45am). An 8% q/q rebound is expected from Q3's 8.6% contraction. There are limits to growth from labour and materials constraints, but also the rapidly cooling housing market.

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

Economic Survey of Manufacturing – Q4 (Wednesday 9 March, 10:45am). Expect another noisy rebound following Q3's 6.4% q/q decline.

Electronic Card Transactions – February (Thursday 10 March, 10:45am). ANZ card spending data suggests a reasonably flat outturn.

Performance of Manufacturing Index – February (Friday 11 March, 10:30am). Has been holding above 50, but below recent highs.

Food Prices – February (Friday 11 March, 10:45am). Usual seasonality would suggest a flat print in February, but there's significant upside risk.

Rental Price Index – February (Friday 11 March, 10:45am). Monthly rent increases have been solid over the past few months – we expect another 0.3% m/m lift in February.



Markets and forecasts

What's happening in financial markets

Global financial markets remain extremely volatile as they navigate strong tensions between risk aversion and the inflationary implications of the Ukraine crisis. Historic periods of risk aversion have tended to coincide with falling bond yields as investors seek out safe havens. However, the appeal of bonds has been undermined by already-high inflation, recent rises in energy (and broad commodity) prices, and ongoing hawkish central bank rhetoric. All of this makes for difficult trading conditions in markets, but the distinct impression central banks seem to want to leave markets with is that outsized rate hikes are still on the table, despite the terrible geopolitical backdrop. US Fed chair Powell has indicated that he favours a 25bp hike when the Fed embarks on "lift-off" later this month, but like the RBNZ, he seems eager to maintain the optionality of a larger move should inflation continue to surprise to the upside, or they feel that they are "behind the curve" or losing credibility. Volatility aside, that speaks to very limited scope for interest rates to fall here or in the US, and ongoing pressure to rise. The NZD has performed well in FX markets, alongside other commodity currencies like the AUD and to a lesser extent, the CAD. While oil and hard commodities are in the headlines, food commodity prices have also rallied strongly over the past week or so, and if sustained, this should provide a strong base of support for the NZD. NZ interest rate differentials are already wide, and will gradually fall this year as other central banks hike. But if the RBNZ ends up delivering a 50bp hike before other central banks do (which markets are pricing in as very likely, with 67bps of hikes priced in over the next 2 RBNZ meetings), there could be more near-term upside to the NZD and short-end rates.

FX rates	Actual			Forecast (end month)					
	Jan-22	Feb-22	Today	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23
NZD/USD	0.657	0.674	0.680	0.650	0.660	0.680	0.700	0.700	0.700
NZD/AUD	0.932	0.933	0.928	0.929	0.930	0.932	0.933	0.933	0.933
NZD/EUR	0.589	0.600	0.614	0.580	0.579	0.591	0.598	0.593	0.588
NZD/JPY	75.9	77.9	78.5	73.5	75.2	78.2	81.2	81.2	81.2
NZD/GBP	0.489	0.503	0.509	0.474	0.478	0.486	0.490	0.483	0.483
NZ\$ TWI	71.0	72.2	72.8	69.8	70.5	72.1	73.5	73.3	73.1
Interest rates	Actual			Forecast (end month)					
	Jan-22	Feb-22	Today	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23
NZ OCR	0.75	1.00	1.00	1.00	1.50	2.00	2.50	2.75	3.00
NZ 90 day bill	1.10	1.26	1.34	1.52	2.02	2.52	2.77	3.10	3.10
NZ 10-yr bond	2.60	2.75	2.81	2.70	2.90	3.10	3.40	3.50	3.50

Economic forecasts

	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
GDP (% qoq)	-3.7	2.5	1.0	0.5	0.5	0.7	1.0	0.6	0.6
GDP (% yoy)	-0.3	2.6	2.1	0.2	4.6	2.7	2.7	2.8	2.9
CPI (% qoq)	2.2	1.4	1.3	0.9	1.2	0.8	0.8	0.7	0.8
CPI (% yoy)	4.9	5.9	6.4	5.9	4.8	4.1	3.6	3.4	3.0
Employment (% qoq)	1.9	0.1	0.2	0.2	0.4	0.4	0.4	0.4	0.4
Employment (% yoy)	4.2	3.7	3.2	2.4	1.0	1.3	1.5	1.7	1.6
Unemployment Rate (% sa)	3.3	3.2	3.1	3.0	2.9	2.9	2.9	3.0	3.0

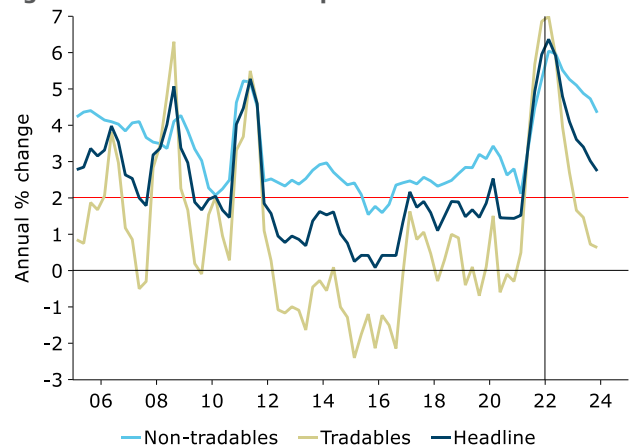
Figures in bold are forecasts. mom: Month-on-Month; qoq: Quarter-on-Quarter; yoy: Year-on-Year

Figure 3. GDP levels (Q4 2019= 100)



Source: Macrobond, ANZ Research

Figure 4. CPI inflation components





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 27 664 3554
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: 28 February 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.

Brunei, India, 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.

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.

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.

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).

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.

Important notice

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 or Oman's Capital Market Authority. 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. Accordingly, 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>