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 Property Focus: Better fundamentals mean softer prices
- RBNZ MPS Review
- NZ Quarterly Economic Outlook: rebalancing act
- NZ Forecast Update: farmgate milk price forecasts revised down

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, but may have peaked
- Aggressive OCR hikes towards 3.5% in February 2023 needed to contain inflation

Our forecasts are on page 4.

Confused by acronyms or jargon? See a glossary here.

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 commodity prices cause inflation expectations to become unanchored.



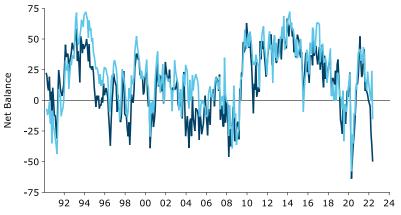
Global inflation pressures push inflation up more than expected in NZ over 2022.

What happened this week?

The housing market was in focus this week. Our latest edition of the Property Focus published a slightly downgraded house price outlook in the wake of the RBNZ's hawkish May MPS. We're now forecasting an 11% drop in prices over 2022 (10% fall previously expected) – but we continue to call that a soft landing given how far prices have come since 2019.

We also got updates on a range of timely housing and construction sector indicators, including building consents, our Business Outlook survey, and real estate listings. Broadly speaking, the data point to further softening in the housing market in coming months. Our Business Outlook survey in particular showed that construction firms are very pessimistic about the outlook for the sector (figure 1). With house prices falling but construction costs and wages rising sharply still, it's no surprise that construction firms are increasingly worried about the future.

Figure 1. ANZBO construction activity indicators



Residential construction intentions
 Construction sector own activity outlook

Source: Macrobond, ANZ Research

The May Property Report from RealEstate.co.nz showed that the stock of available listings is now up 77% from this time last year - a rapid reversal of the trend decline in listings over the past few years. And dwelling consents remain extremely elevated, even if they did decline 8.5% m/m in April. Even if a chunk of those consents never make it through to completion, that's still a sizeable amount of new housing supply in the pipeline. So to summarise, house prices are falling, builders are feeling the pinch of higher costs and lower house prices, available listings are accumulating rapidly, and we're still consenting new builds at pace. The housing market is clearly in retreat, and these data trends reinforce our expectation for further softening over 2022. The RBNZ will need to be careful here – they are kicking the housing market while it's down. And while that is needed in order to put a lid on inflation pressures in the wider economy, it would be very easy to overdo it and cause a hard landing in both construction and household spending that takes the economy down. The rapidly cooling housing market is the key reason for our expectation that the RBNZ will revert to 25bp hikes after the July meeting.

Price pressure may be easing in the housing market, but the same cannot be said for some key commodities. Oil prices have surged (see next page), and a range of factors, including the war in Ukraine, inclement weather, and food protectionism, have sent food prices skyrocketing. This is generating a significant deterioration in global food security.



Looking ahead



Recent Publications

ANZ produces a range of in-depth insights.

- Agri Insight: global food crisis to worsen
- NZ Budget Review: Big Budget
- NZ Insight: Emissions Reduction Plan
- NZ Insight: new fiscal rules
- NZ Property Focus: regional rollercoaster
- NZ Insight: how widespread is labour market tightness?
- NZ Agri Focus: mixed blessings
- NZ Insight: the RBNZ's inflation expectations headache
- NZ Property Focus: A soft landing as headwinds gather
- NZ temp fuel tax changes knock 0.5% off Q2 CPI
- NZ Insight: how is NZ's agri sector impacted by the Russian invasion
- 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 Agri Focus: Higher prices for Christmas
- NZ Insight: The real cost of inflation
- NZ Insight: The Reopening 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

What are we watching?

We've taken the opportunity to tweak our inflation forecasts in the light of the steep lift in petrol prices we've seen in recent weeks. Previously, it was looking like Q1's 6.9% annual inflation print was going to be the worst of it. However, volatility in oil prices has remained extreme in the wake of the Russian invasion of Ukraine, and subsequent efforts from the EU to ban the import of Russian oil. Add NZD weakness against the USD to the mix, and that's sent petrol prices almost back to where they were when the Government announced the temporary reduction in the fuel excise tax (figure 2). Given those moves, it's looking much more likely that inflation will peak in Q2, at around 7%. But uncertainty is high – and as house prices showed us in 2021, picking the timing of turning points is not easy.

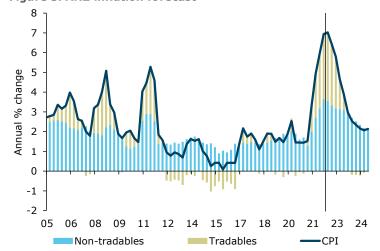
Figure 2. Oil prices and average retail price of regular petrol



Source: MBIE, Macrobond, ANZ Research

Our forecast for a 7% peak in CPI inflation in Q2 (6.8% previously expected) has no implications for our OCR call. As tough as high inflation is for Kiwi households and businesses, the concerning part of the inflation outlook is actually the persistence of the domestic inflation pulse, rather than the 7% peak that we're now forecasting (figure 3). Domestic inflation pressures are likely to last for a considerable time as the extremely tight labour market drives the largest wage rises we've seen since 2009. That's why we expect the RBNZ will continue hiking until the OCR reaches a peak of 3.5% in February next year (although we think evidence of slowing momentum will see them revert to 25bp hikes after the July meeting).

Figure 3. ANZ inflation forecast



Source: Stats NZ, ANZ Research



Looking ahead



Data calendar

What's coming up in the months ahead.

Date	Data/event
Tue 7 Jun	ANZ Commodity
(1:00pm)	Price Index – May
Wed 8 Jun	GlobalDairyTrade
(early am)	auction
Thu 9 Jun	ANZ Truckometer –
(10:00am)	May
Fri 10 Jun	Manufacturing
(10:45am)	Activity – Q1
Fri 10 Jun	Electronic Card
(10:45am)	Transactions – May
Mon 13 Jun (10:45am)	Net Migration – Apr
Tue 14 Jun	Food Price Index -
(10:45am)	May
Tue 14 Jun	Rental Price Index -
(10:45am)	May
Wed 15 Jun	Balance of Payments
(10:45am)	- Q1
Thu 16 Jun	
(10:45am)	GDP – Q1
Fri 17 Jun	BusinessNZ Manuf
(10:30am)	PMI – May
Mon 20 Jun	Performance
(10:30am)	Services Index May
Wed 22 Jun	
(early am)	GlobalDairyTrade auction
Wed 22 Jun	Merchandise Trade –
(10:45am)	May
Thu 30 Jun	ANZ Business
(1:00pm)	Outlook – Jun
Thu 30 Jun	RBNZ Sectoral
(3:00pm)	Lending – May
Fri 1 Jul	ANZ-RM Consumer
(10:00am)	Confidence – Jun
Fri 1 Jul	Building Permits –
(10:45am)	May
Tue 5 Jul	NZIER QSBO - Q2
(10:00am)	
Tue 5 Jul	ANZ Commodity
(1:00pm)	Price Index – Jun
Wed 6 Jul	GlobalDairyTrade
(early am)	auction
Fri 8 Jul	ANZ Truckometer -
(10:00am)	Jun
Mon 11 Jul	Electronic Card
(10:45am)	Transactions - Jun
Tue 12 Jul	Not Migration Man
(10:45am)	Net Migration – May
Wed 13 Jul	Food Price Index -
(10:45am)	Jun
Wed 13 Jul	Rental Price Index -
(10:45am)	Jun
Fri 15 Jul	BusinessNZ Manuf
(10:30am)	PMI – Jun
,,	-

Interest rate markets

While there have been varying degrees of over- or underperformance, the entire term structure of New Zealand interest rates is higher this week. The drivers have been both local and global. Short-end rates are high, clearly demonstrating (a) a lack of liquidity, (b) a one-sided market, and (c) that the market has been spooked by the RBNZ. 1-year ahead OCR expectations are back above 4% again, and the 2yr swap is at around 3.9%. These rates exceed fair-value measures implied by both the RBNZ's and our OCR projections/forecasts. That's not unusual, given where we are in the cycle and the above factors, but it does leave us cautious, particularly given the increasingly loud chorus of commentators either explicitly calling a hard landing, or acknowledging the growing risks of it (we're in the latter camp). Long-end rates are following global rates higher. That seems logical to us given ongoing hawkish talk by global central banks, the energy-driven "second wind" of inflation, how far "behind the curve" most other central banks are, and QT now being underway in the US (and about to get underway here). All else equal, that speak to a steeper yield curve here.

FX markets

The Kiwi is back above 0.65 after a volatile week. We have downgraded our year-end forecast from 0.69 to 0.67. That reflects our ongoing expectation that the USD will continue to moderate, but also that markets have shifted their focus away from carry and the erstwhile strong economy and are instead now more focussed on hard landing risks and high energy prices. NZD/AUD has slipped to just above 0.90; we think that's logical given hard landing fears here, which contrast with the widely held view in markets that the RBA hasn't done enough to cool the Australian economy.

Key data summary

Building Permits – April. Declined 8.5% m/m, but remain elevated.

ANZ Business Outlook – May. Confidence and own activity expectations deteriorated, but cost and price pressures remain strong.

RBNZ sectoral lending data – April. Business lending growth rose to 8.8% y/y (7.7% previously) – the strongest growth rate since 2009. Housing lending growth remains strong at 8.1%, but has been gradually slowing.

Overseas Trade Indices – Q1. New Zealand's goods terms of trade lifted 0.5% in Q1 to be just a whisker off a record high.

Building Work Put in Place – Q1. Up a solid 3.2% as residential (+3.5%) and non-residential (+2.7) both came in ahead of our expectation. This offsets some of the downside risk to our Q1 GDP pick (currently 0.6% q/q) from weaker than expected retail sales last week.

The week ahead

ANZ Commodity Price Index - May (Tuesday 7 June, 1:00pm).

GlobalDairyTrade auction (Wednesday 8 June, early am). Dairy prices are poised to reverse their recent downward trend and lift 5%, supported by small offer volumes as we move into the low milk production season.

ANZ Truckometer - May (Thursday 9 June, 10:00am).

Economic Survey of Manufacturing – Q1 (Friday 10 June, 10:45am). Volumes lifted a solid 8.2% q/q in Q4 after a 6.6% lockdown-induced fall in Q3 – and ongoing strength in the PMI suggests a solid start to 2022.

Electronic Card Transactions – May (Friday 10 June, 10:45am). Card spending has bounced as Omicron disruptions ease – but with interest rates rising and consumer sentiment outright recessionary, the outlook is soft.



Key forecasts and rates

	Actual				Forecast (end month)				
FX rates	Apr-22	May-22	Today	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
NZD/USD	0.646	0.652	0.656	0.650	0.660	0.670	0.680	0.680	0.670
NZD/AUD	0.914	0.907	0.903	0.915	0.892	0.882	0.883	0.883	0.882
NZD/EUR	0.612	0.609	0.610	0.602	0.600	0.598	0.602	0.596	0.578
NZD/JPY	83.8	83.4	85.2	83.9	84.5	85.1	85.7	85.0	81.7
NZD/GBP	0.514	0.517	0.522	0.516	0.516	0.523	0.527	0.527	0.515
NZ\$ TWI	72.4	72.3	72.6	72.2	72.1	72.3	72.9	72.6	71.2
Interest rates	Apr-22	May-22	Today	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
NZ OCR	1.50	2.00	2.00	2.00	2.75	3.25	3.50	3.50	3.50
NZ 90 day bill	1.97	2.47	2.49	2.77	3.27	3.52	3.60	3.60	3.60
NZ 2-yr swap	3.82	3.92	3.91	3.89	3.74	3.66	3.54	3.43	3.32
NZ 10-yr bond	3.64	3.61	3.70	4.00	4.25	4.25	4.10	4.10	3.85

Economic forecasts

	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23
GDP (% qoq)	3.0	0.6	0.4	0.6	1.0	0.6	0.2	0.2	0.2
GDP (% yoy)	3.1	2.4	0.3	4.7	2.6	2.6	2.4	2.0	1.2
CPI (% qoq)	1.4	1.8	1.4	1.6	0.8	0.7	0.7	0.7	0.4
CPI (% yoy	5.9	6.9	7.0	6.4	5.8	4.6	3.9	3.0	2.5
Employment (% qoq)	0.0	0.1	0.6	0.3	0.3	0.3	0.3	0.3	0.3
Employment (% yoy)	3.5	2.8	2.5	1.0	1.3	1.6	1.3	1.3	1.3
Unemployment Rate (% sa)	3.2	3.2	2.9	2.9	2.9	3.0	3.2	3.3	3.4

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



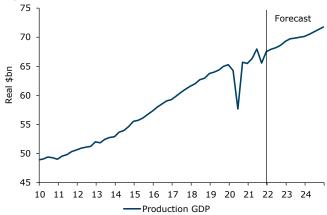


Figure 5. CPI inflation components

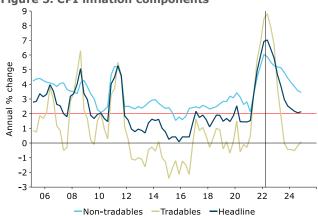
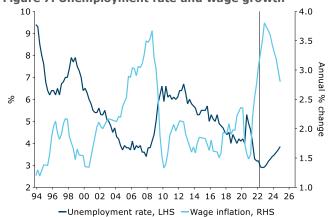


Figure 6. ANZ OCR forecast



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

Figure 7. Unemployment rate and wage growth





Contact us

Meet the team

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



Sharon Zollner
Chief Economist
Follow Sharon on Twitter
@sharon zollner

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

Follow ANZ Research (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 coordinator, 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 DennePA / 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). 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 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