

# New Zealand Weekly Data Wrap

27 November 2020



This is not personal advice. It does not consider your objectives or circumstances. Please refer to the Important Notice.



**Contact us**

See [page 4](#).

## Forecast updates

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

- [NZ Insight: Some cheer heading into Christmas – further OCR cuts becoming less likely](#)
- [ANZ NZ Insight: Weighing it up – possible OCR paths](#)
- [MPS Review and OCR call](#)
- [ANZ NZ Quarterly Economic Outlook – A delicate balance](#)

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

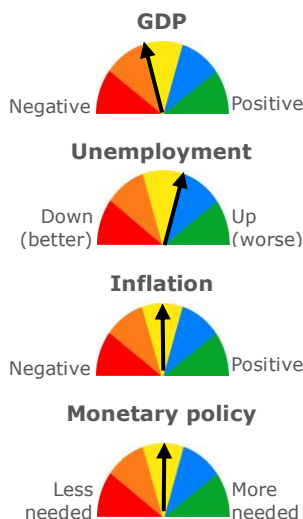
## What's the view?

- GDP returns to pre-COVID level mid-2022
- Unemployment peak: 7½%
- Inflation decelerates 2021
- Risks to the downside
- We see a negative OCR next year on balance

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

## Balance of risks

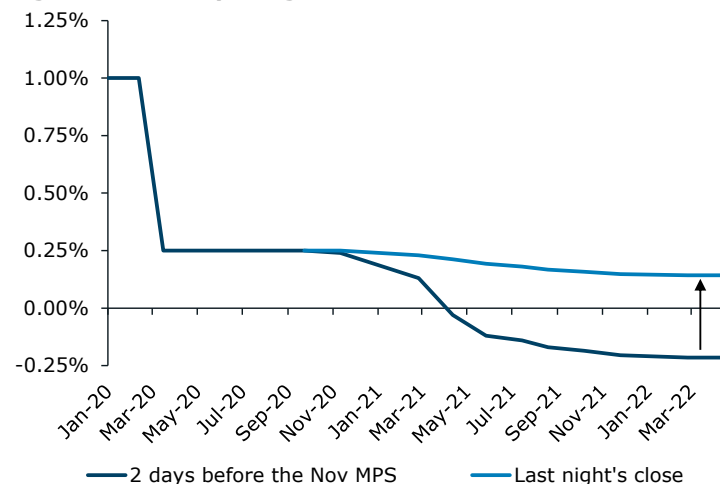
Risks remain skewed to the downside.



## How has the view changed?

Our expectations for the OCR outlook haven't changed, but the **odds are increasing** that a negative OCR won't be required – and that's a great thing. Much will depend on developments though. We are not ready to take a negative OCR off the table just yet – and we don't think the RBNZ is either. There are genuine reasons to be optimistic, given the success of our health response, vaccine news, resilience of business and consumer confidence and the effectiveness of policy. But the loss of international visitors through summer will make a meaningful dent at a time when temporary fiscal support has ended, meaning economic momentum may wane. That said, housing could tip the balance to less monetary support being needed if momentum continues (check out our latest [ANZ Property Focus](#)), and the policy debate around housing affordability is heating up. For markets, the recent positive vibe now appears to be "in the price" – markets have repriced OCR expectations significantly. However, it may take time to get clarity on developments, which could leave the market in wait-and-see mode for a while. Meanwhile, the NZD has continued to march higher, altogether leading to a tightening in financial conditions that the RBNZ may need to offset down the track.

**Figure 1. Market pricing from OIS – now versus before November MPS**



Source: Bloomberg, ANZ Research

## What happened this week?

**Retail Trade Survey – Q3.** Up 28% q/q, this was much stronger than anticipated. There appears to be some temporary strength here that's likely to dissipate in time. Inventories only partially recovered, as getting stock into the country is proving difficult. That should resolve over the coming months, but could result in higher-than-otherwise inflation in the near term.

**RBNZ Financial Stability Report – November.** No new news really. LVR restrictions are set to be reinstated early next year.

**Overseas Merchandise Trade – October.** The \$0.5bn monthly deficit pushed the annual goods surplus higher – now running at \$2.2bn.

**RBNZ new mortgage lending data – October.** In line with the REINZ sales data – very strong!

**ANZ Roy Morgan Consumer Confidence – November.** Consumers are still **wary**, but expecting inflation.



## Looking ahead



### Recent Publications

ANZ produces a range of in-depth insights.

- ANZ NZ Property Focus: Bag of tricks
- ANZ NZ Insight: RCEP – what’s in it for New Zealand?
- ANZ NZ Insight: Vaccines, volatility and eventualities
- ANZ NZ Property Focus: Riding high
- ANZ NZ Insight: FLP to enter the toolkit
- ANZ NZ Agri Focus: Pick me please
- ANZ NZ Insight: Households understandably wary
- ANZ NZ Property Focus: Lend me a hand
- ANZ NZ Insight: Negative OCR and Funding for Lending Programme FAQ

Click [here](#) for more.

### Data calendar

Date	Data/event
Mon 30 Nov (1:00pm)	ANZ Business Outlook – Nov F
Mon 30 Nov (3:00pm)	RBNZ Sectoral Lending – Oct
Wed 2 Dec (early am)	GlobalDairyTrade auction
Wed 2 Dec (10:45am)	Terms of Trade – Q3
Thu 3 Dec (10:45am)	Building Permits – Oct
Thu 3 Dec (1:00pm)	ANZ Commodity Price Index– Nov
Fri 4 Dec (10:45am)	Building Work Put in Place – Q3
Wed 9 Dec (10:45am)	Economic Survey of Manuf – Q3
Thu 10 Dec (10:00am)	ANZ Truckometer– Nov
Thu 10 Dec (10:45am)	Electronic Card Transactions – Nov
Fri 11 Dec (10:30am)	BusinessNZ Manuf PMI – Nov
Fri 11 Dec (10:45am)	Food Price Index – Nov
Fri 11 Dec (10:45am)	Rental Price Index – Nov
Mon 14 Dec (10:30am)	Performance Services Idx - Nov

### What are we watching?

Housing is in the spotlight given its possible effect on the outlook, but we are watching the policy debate too. There’s potential for meaningful change.

**Table 1. Measures to improve housing affordability**

Measure	Comment
Increase land supply	This is perhaps the most effective way to curb house price rises. It’s not simple, but a relaxation in land availability done at scale alongside ensuring a continuous stream of future land to meet population pressures could curb future price rises or even see some modest price drops as expectations adjust – that would be a good thing. Home ownership over long periods has far more benefits than capital gains.
Cut red tape, make changes to the RMA	It’s not just about availability of land but also how we use it. Changes to ensure that land is put to its most efficient, productive use, with more intensification, is important. Barriers to subdivision and intensification need to be reduced, with less onerous consenting and resource management requirements. NIMBYism can make it tricky; signalling future growth plans for intensification would have an impact.
Incentivise councils to expand housing supply	This could be with conditional funding linked to encouraging intensification, fast and simple consent processes, and freeing up land. As part of this, Government could address funding constraints for councils and help councils finance required infrastructure, which can be a constraint on new developments.
Work to reduce construction costs	Construction is not a very productive industry in New Zealand and construction costs are higher than in other countries, contributing to housing costs. Investment and training to lift the productive capacity of the construction industry would help, along with changes to the building supply process.
Changes to immigration settings	Smaller swings in migration would be helpful to curb future demand pressures, but would need to be carefully considered to ensure that key skill shortages can still be addressed.
More social housing	Homelessness and deprivation are major problems in NZ. Working to ensure social housing is available is an important part of tackling that, along with broader social policy. However, this needs to be done in the context of increasing broader housing supply for it to actually improve affordability of housing for the most vulnerable.
Expand RBNZ macro-prudential toolkit to include DTI restrictions	Wouldn’t solve housing unaffordability but would be helpful. Debt-to-income (DTI) restrictions would make it harder for some first home buyers to enter the market, but would curb demand a little and limit riskier loans that can leave these buyers vulnerable, especially if house prices were to fall.
Tax changes	A capital gains tax could make property investment less attractive, level the playing field on investment options, and improve affordability slightly. It’s not a silver bullet and could have some negative side effects, like lower investment, reduced saving and higher rents. At the end of the day, it might be worth it though. Alternatively, tightening up on the bright line test or extending it could also help, but again probably only at the margin. Taxes on land (especially unused land) could provide an incentive to develop and increase housing supply.
First-home buyer subsidies and grants	Not helpful – simply leads to higher house prices
Change to RBNZ remit	Not helpful – including a consideration for house prices in addition to the RBNZ’s primary goals won’t change how policy needs to be conducted. Differences would be very much at the margin, and if not, could lead to worse societal outcomes

### The week ahead

**ANZ Business Outlook – November (Mon 30 November, 1:00pm).**

**RBNZ sectoral lending data – October (Mon 30 November, 3:00pm).**

Housing strong, with agri and business lending likely to remain soggy.

**GlobalDairyTrade auction (Wed 2 December, early am).** Prices are expected to firm a further 1-2%.

**Overseas Trade Indices – Q3 (Wed 2 December, 10:45am).** We’ve pencilled in a 3.5% q/q decline, led by weaker dairy prices.

**Building consents – October (Thurs 3 December, 10:45am).** Should remain robust given the market has been heating up.

**ANZ Commodity Price Index – November (Thurs 3 December, 1:00pm).**

**Work Put in Place – Q3 (Friday 4 December, 10:45am).** A strong rebound is expected (30%) given strong demand and the fact that activity continued through lockdown 2. This industry is set to out-perform for a while.



## Markets and forecasts

### Markets outlook

New Zealand markets have been volatile and short end interest rates will round out the week at elevated levels, with just 10bps of easing priced in over all of 2021 (figure 1). The main catalyst was the Minister of Finance's suggestion that the RBNZ's remit be tweaked to explicitly consider house prices, which the market has, in turn viewed as raising the hurdle to OCR cuts (given that house prices are booming). At the margin, it does, but equally, there is no guarantee that we will see any change to the RBNZ's remit, and with the market now pricing in a lesser and more gradual easing profile than we expect, we see limited scope for further upside for short-term rates. Long end interest rates are also higher, and importantly, having largely closed the gap to their Australian equivalents. Directionally, that's intuitive, but with better Crown finances and economic developments skewing the risks to bond issuance lower and the RBNZ's LSAP skewed much more heavily to the long end, there is scope for local long bond yields to fall a touch too. In FX markets, the NZD is higher, fuelled by higher interest rates and the flagging USD. We see the risks skewed toward further strength, with New Zealand in a far better position to bridge the gap to a vaccine than the US, and increased liquidity and improving risk appetite driving further USD weakness.

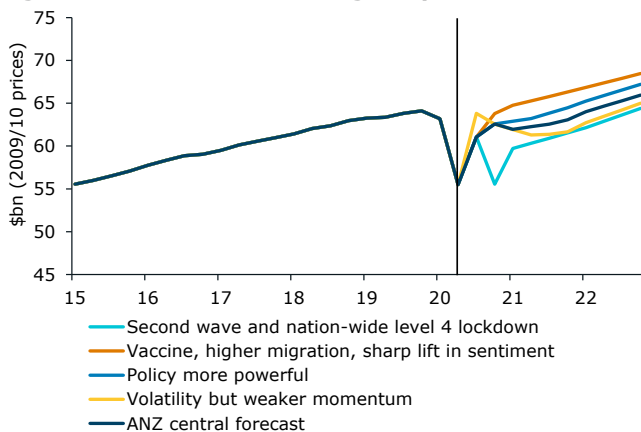
FX rates	Actual			Forecast (end month)					
	Sep-20	Oct-20	Today	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
NZD/USD	0.658	0.662	0.701	0.68	0.68	0.68	0.68	0.68	0.68
NZD/AUD	0.924	0.941	0.952	0.93	0.91	0.91	0.91	0.91	0.91
NZD/EUR	0.562	0.568	0.588	0.57	0.56	0.57	0.58	0.59	0.59
NZD/JPY	69.6	69.2	73.0	72.8	72.8	72.8	72.8	72.8	72.8
NZD/GBP	0.513	0.511	0.525	0.52	0.51	0.52	0.53	0.54	0.54
NZ\$ TWI	71.4	71.7	74.1	72.7	71.8	72.2	72.6	73.2	73.2
Interest rates/QE	Sep-20	Oct-20	Today	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
NZ OCR	0.25	0.25	0.25	0.25	0.25	0.10	-0.25	-0.25	-0.25
LSAP (\$bn)	100	100	100	100	100	100	100	100	100
NZ 90 day bill	0.31	0.28	0.25	0.27	0.20	-0.02	-0.25	-0.25	-0.25
NZ 10-yr bond	0.50	0.53	0.89	0.60	0.60	0.70	0.80	0.90	1.00

### Economic forecasts

	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22
GDP (% qoq)	-12.2	<b>10.0</b>	<b>2.5</b>	<b>-1.0</b>	<b>0.5</b>	<b>0.5</b>	<b>0.8</b>	<b>1.5</b>	<b>1.0</b>
GDP (% yoy)	-12.4	<b>-4.3</b>	<b>-2.4</b>	<b>-2.0</b>	<b>12.2</b>	<b>2.5</b>	<b>0.8</b>	<b>3.3</b>	<b>3.9</b>
CPI (% qoq)	-0.5	0.7	<b>0.3</b>	<b>0.6</b>	<b>0.1</b>	<b>0.4</b>	<b>0.0</b>	<b>0.6</b>	<b>0.4</b>
CPI (% yoy)	1.5	1.4	<b>1.2</b>	<b>1.1</b>	<b>1.7</b>	<b>1.4</b>	<b>1.1</b>	<b>1.0</b>	<b>1.3</b>
Employment (% qoq)	-0.3	-0.8	<b>-0.5</b>	<b>-0.2</b>	<b>-0.5</b>	<b>0.0</b>	<b>0.2</b>	<b>0.8</b>	<b>1.0</b>
Employment (% yoy)	1.5	0.2	<b>-0.6</b>	<b>-1.8</b>	<b>-2.0</b>	<b>-1.2</b>	<b>-0.5</b>	<b>0.5</b>	<b>2.0</b>
Unemployment Rate (% sa)	4.0	5.3	<b>6.1</b>	<b>6.4</b>	<b>6.8</b>	<b>7.2</b>	<b>7.5</b>	<b>7.1</b>	<b>6.6</b>

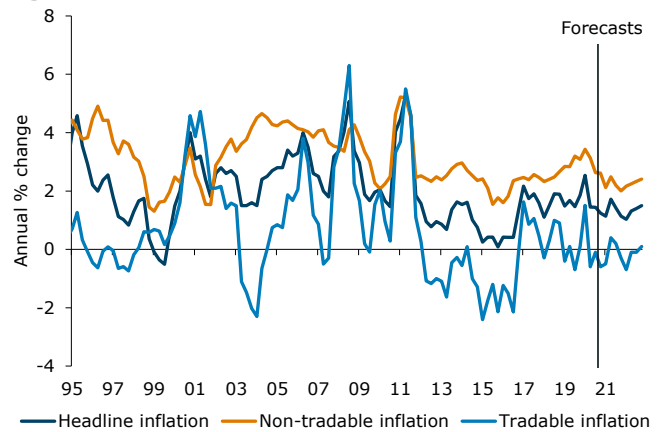
Figures in bold are forecasts. mom: Month-on-Month; qoq: Quarter-on-Quarter; yoy: Year-on-Year

Figure 3. GDP forecast and high-impact scenarios



Source: Statistics NZ, ANZ Research

Figure 4. ANZ inflation forecasts



Source: Statistics NZ, ANZ Research



## Contact us

---

### Meet the team

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



**Sharon Zollner**  
Chief Economist

Follow Sharon on Twitter  
[@sharon\\_zollner](#)

Telephone: +64 27 664 3554  
Email: [sharon.zollner@anz.com](mailto:sharon.zollner@anz.com)

General enquiries:  
[research@anz.com](mailto: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](mailto: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](mailto:susan.kilsby@anz.com)



**Liz Kendall**  
Senior Economist

Research co-ordinator, publication strategy, property market analysis, monetary and prudential policy.

Telephone: +64 27 240 9969  
Email: [elizabeth.kendall@anz.com](mailto:elizabeth.kendall@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](mailto:miles.workman@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](mailto: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](mailto:natalie.denne@anz.com)



## Important notice

---

**This document is intended for ANZ's Institutional, Markets and Private Banking clients. It should not be forwarded, copied or distributed. The information in this document is general in nature, and does not constitute personal financial product advice or take into account your objectives, financial situation or needs.**

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 request from your ANZ point of contact.

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

**European Economic Area (EEA): United Kingdom.** ANZ is authorised in the United Kingdom by the Prudential Regulation Authority (**PRA**) and is subject to regulation by the Financial Conduct Authority (**FCA**) and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request. 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 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 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.

**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 publication 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 publication 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.

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

**New Zealand.** This document is intended to be of a general nature, does not take into account your financial situation or goals, and is not a personalised adviser service under the Financial Advisers Act 2008 (**FAA**).



## 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.

**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 the Singapore branch of 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.

**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 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](http://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 this website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use this 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: 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 an 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](mailto:nzeconomics@anz.com), <http://www.anz.co.nz>