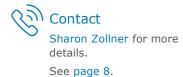
ANZ New Zealand Business Outlook

30 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.



The next release of the ANZ Business Outlook is due on 28 April at 1pm.

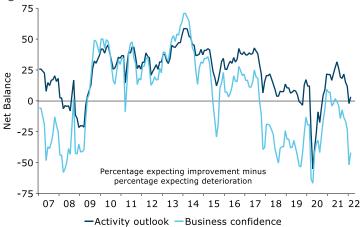
If you would like to be a part of our survey, please click here.

Decidedly unbouncy

Key points

- Business confidence recovered 10 points in March, while own activity lifted 5 points, compared to February. Both remain considerably lower than at the end of last year.
- Activity indicators generally lifted slightly across the board, with the marked exception of residential building intentions, which tanked.
- Inflation pressures continue to intensify and broaden to every corner of the economy. Measures are simply off the charts.

Figure 1. ANZ Business Confidence Index and ANZ Own Activity Index



Source: Macrobond, ANZ Research

Table 1: Results versus last month

Net Balance	Mar	Feb	Comment
Business Confidence	-41.9	-51.8	Call that a bounce?
Own Activity Outlook	3.3	-2.2	This ball looks pretty flat too.
Export Intentions	7.9	0.9	A solid bounce – close to 2021 average.
Investment Intentions	5.2	4.5	Flat at fairly subdued levels.
Cost Expectations	95.9	92.0	Could hardly be higher.
Capacity Utilisation	7.0	5.8	Middling.
Residential Construction	-26.9	-5.0	A sharp fall as the housing market cools.
Commercial Construction	0.0	-9.5	Could be worse.
Employment Intentions	12.3	2.3	A decent bounce. Higher than Dec.
Profit Expectations	-27.1	-32.7	Still dreadful.
Pricing Intentions	80.5	74.1	Still further into uncharted territory.
Ease of Credit	-64.4	-74.0	A rare improvement.
Inflation Expectations	5.51%	5.29%	Totally inconsistent with RBNZ target.
Activity – vs. same month one year ago	2.1	7.4	Omicron disruption evident.
Employment – vs. same month one year ago	5.8	5.5	Little changed.

The March ANZ Business Outlook survey saw most activity indicators bounce back a little, perhaps as the worst fears about the impact of Omicron waned. But it was nothing spectacular. And inflation pressures continued to lift, with the commodity price impact of Russia's invasion of Ukraine giving pressures fresh impetus. Inflation expectations rose 0.3%pts to a new record high of 5.5% and pricing intentions took yet another meaningful leg higher to a net 81%. Indeed, the latter suggests CPI inflation is moon-bound (figure 2). A remarkable net 96% of firms report that they expect higher costs. Can't get much more broad based inflation pressure than that.

Figure 2. ANZBO pricing intentions and CPI inflation 90 11 80 70 60 Annual Vet Balance 50 % change 40 30 20 10 - 1 0 -3 94 96 98 00 02 04 06 08 10 12 14 16 18 20 22 CPI inflation, RHS — Pricing intentions, LHS

Source: Stats NZ, Macrobond, ANZ Research

But the news gets even worse if you split the sample into the early and the later part of the month. Amongst the 29% of firms who responded after the reminder email went out on 21st March, a net 99% expected higher costs in the next three months, and 1-year-ahead inflation expectations were a startling 5.9%, nearly three times the RBNZ's 2% target midpoint.

Given the overwhelming consensus about cost and price escalation, we've tweaked the questions to ask for numerical estimates, rather than asking firms simply whether their costs and prices will go up, down, or stay the same over the next 3 months. We only have one data point, but it makes for interesting reading. (Note these numbers cannot be interpreted as annual percentages).



Figure 3. Pricing intentions, cost expectations and implied margin change

Source: ANZ Research

- All sectors are anticipating more margin pressure ahead.
- The sector experiencing the highest cost pressures is agriculture, but they also have the lowest pricing intentions, reflecting a lack of pricing power.
- The construction sector has the second-highest expected average costs, and the highest pricing intentions (figure 3).
- After agriculture, services sectors are implicitly suggesting the biggest deterioration in profit margins, with the third-highest cost increase expectations but the second-lowest pricing intentions.

We now also ask for a numerical estimate of wage rises in the last year and expected in the next 12 months (figure 4). The strongest wage pressure is in agriculture, followed by construction. There's little evidence of a wage price spiral here, insofar as most firms are anticipating similar wage lifts next year as those delivered in the past 12 months, with the biggest anticipated increase in wage settlements being in the services sector (around 1% higher than in the last 12 months). The retail sector is alone in intending to give smaller wage increases.

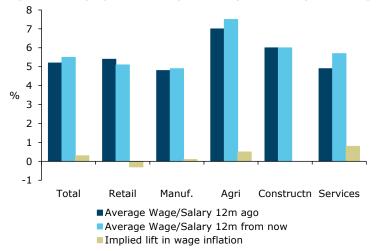


Figure 4. Wage growth: last year, this year and implied change

Source: ANZ Research

Our usual heatmap of indicators by sector shows the theme of modest lifts in the month, but in the context of quite subdued levels. Key points:

- The fall in residential construction intentions was large, even accounting for the usual volatility in the series. This is consistent with the sharp turn evident in house sales data.
- Investment intentions fell for manufacturing, agriculture and construction (with the latter two now negative), but rose for the services sector. We discuss the drivers of investment in the next section.
- The lift in pricing intentions was strongest for manufacturing.
- Indicators for the retail sector and services generally declined in March, consistent with our view that households are doing it tough.
- Despite strong wage pressure, employment intentions in agriculture are weak, quite possibly reflecting there are simply no staff to be had.

Table 2. I	Heatmap
------------	---------

	Constrn	San
Levels		

Monthly changes

	ixctan	1.11.9	Agric	Constin	00.1
Business Confidence	-43.9	-35.1	-71.4	-38.2	-42.7
Own activity outlook	-8.8	10.4	9.5	0.0	3.5
Activity vs. same month one year ago	-19.3	22.4	-9.5	-2.9	2.1
Exports	10.5	15.2	4.8	-6.2	3.5
Investment	1.8	9.2	-14.3	-5.9	9.1
Capacity Utilisation	-1.9	8.1	4.8	19.4	7.5
Residential Construction				-26.9	
Commercial Construction				0.0	
Employment	-1.8	18.2	-4.8	14.7	16.1
Employment vs. same month one year ago	-8.9	17.3	20.0	9.1	3.5
Profits	-29.8	-20.8	-21.1	-20.6	-31.9
Ease of Credit	-64.9	-66.2	-61.9	-64.7	-63.2
Costs	96.4	94.7	100.0	100.0	94.7
Pricing Intentions	89.1	86.7	57.9	93.8	73.3

Retail

Mfa

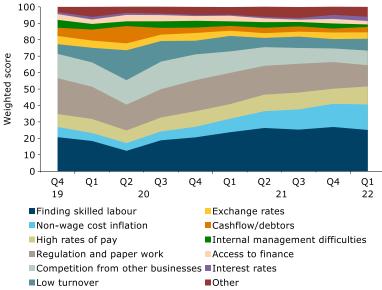
Retail	Mfg	Agric	Constrn	Serv		
20.3	10.1	-4.7	9.9	6.3		
10.1	3.9	-1.6	-3.7	6.1		
1.1	3.0	-26.2	-25.1	- 6.6		
10.5	15.2	-11.9	-6.2	4.6		
3.7	-8.8	-19.9	-17.0	9.1		
11.8	3.1	-0.8	15.1	-5.9		
			-21.9			
			9.5			
3.9	6.9	11.9	-0.7	14.7		
-1.5	-3.7	8.2	-9.4	2.1		
6.0	6.6	-4.4	16.4	3.2		
20.0	4.3	21.4	2.0	8.5		
7.5	1.3	0.0	0.0	4.6		
5.8	11.3	7.9	1.2	3.6		
ne extremes. The colour coding is based on						

Note: Shades of orange indicate high, and shades of blue, low, becoming more intense at the extremes. The colour coding is based on standardised values that take into account the historical average and variation in each series. For example, a series may be low compared to others but if that's not unusual, it may not be in blue. The history of the activity and employment versus a year ago is unfortunately too short for historical comparisons to be particularly meaningful but the data is included for completeness.

The March survey includes the quarterly questions about problems firms are facing, and investment intentions.

Figure 5 shows that finding skilled labour remains firms' biggest problems, though it isn't getting worse, while non-wage cost inflation and high rates of pay are growing as problems. Traditional recession-type problems such as cashflow/debtors and low turnover remain well down the list.

Figure 5. Firms biggest problems, weighted

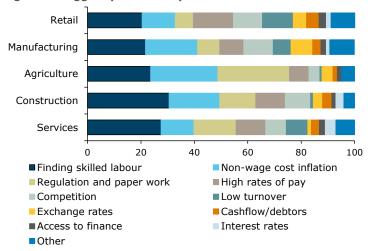


Source: Macrobond, ANZ Research

That said, if we look at the data by sector, experiences are quite varied (figure 6, over).

- The sector most struggling with finding skilled labour is construction. They also weight non-wage costs highest.
- Agriculture puts the highest weight on regulation/paperwork.
- Manufacturing is most worried about competition, but retail isn't far behind.
- Retail is also the sector most concerned about pay rates, and low turnover – it's their third-biggest problem.
- Manufacturing is the sector most concerned about the exchange rate, though it's well down the list.

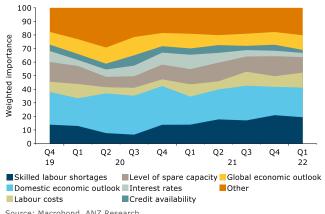
Figure 6. Biggest problems by sector



Source: ANZ Research

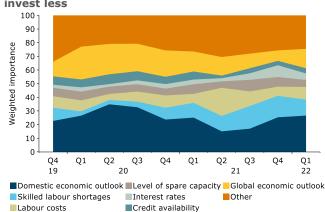
In terms of what's driving investment decisions, interest rates are not yet a significant factor for either firms intending to invest, or those not. Concern about the domestic economic outlook is rising, and is the top factor constraining investment by quite some way. For those intending to invest more, labour costs are an increasing driver, but the domestic economic outlook and skilled labour shortages remain considerably more important.

Figure 7. Weighted drivers for firms intending to invest more



Source: Macrobond, ANZ Research

Figure 8. Weighted drivers for firms intending to invest less



Source: Macrobond, ANZ Research

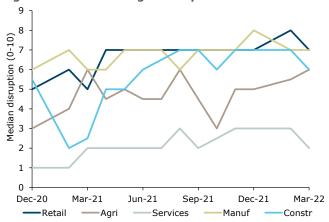
Our take

There's a wariness evident across the ANZ Business Outlook survey that doesn't seem likely to be entirely due to the current Omicron outbreak. Overall, the themes are consistent with the themes outlined in our recent forecast update and OCR call change:

- The housing market and the outlook for speculative construction is weakening quite rapidly;
- Households are facing increasing headwinds and budgetary pressures, and are reducing their discretionary spending;
- Firms' margins are getting squeezed;
- Inflation pressures are extremely broad-based and still intensifying.

It's not a very pleasant mix, and the near-term growth outlook is clouded. But with inflation pressures now so extreme, and the RBNZ's inflation-targeting credibility on the line, it's full steam ahead for rate hikes – we're forecasting 50bp hikes in both April and May. It could well be a rough ride, but maintaining medium-term price stability is the best contribution monetary policy can make to New Zealand's big-picture economic prospects from this very difficult starting point.

Figure 9. Outward freight disruption





Jun-21

—Services

Sep-21

Dec-21

Constr

Mar-22

Manuf

Source: ANZ Research

Survey Results March 2022

Net Balance	March	Previous (Feb)	Retail	Mfg	Agric	Constrn	Services
Business Confidence	-41.9	-51.8	-43.9	-35.1	-71.4	-38.2	-42.7
Own Activity Outlook	3.3	-2.2	-8.8	10.4	9.5	0.0	3.5
Export Intentions	7.9	0.9	10.5	15.2	4.8	-6.2	3.5
Investment Intentions	5.2	4.5	1.8	9.2	-14.3	-5.9	9.1
Cost Expectations	95.9	92.0	96.4	94.7	100.0	100.0	94.7
Capacity Utilisation	7.0	5.8	-1.9	8.1	4.8	19.4	7.5
Residential Construction	-26.9	-5.0				-26.9	
Commercial Construction	0.0	-9.5				0.0	
Employment Intentions	12.3	2.3	-1.8	18.2	-4.8	14.7	16.1
Profit Expectations	-27.1	-32.7	-29.8	-20.8	-21.1	-20.6	-31.9
Pricing Intentions	80.5	74.1	89.1	86.7	57.9	93.8	73.3
Ease of Credit Expectations	-64.4	-74.0	-64.9	-66.2	-61.9	-64.7	-63.2
Inflation Expectations (%)	5.51	5.29	5.84	5.47	5.72	5.60	5.37
Activity – same month one year ago	2.1	7.4	-19.3	22.4	-9.5	-2.9	2.1
Employment – same month one year ago	5.8	5.5	-8.9	17.3	20.0	9.1	3.5
Price Expectations – 3 months from now (%)	5.6		6.6	5.9	4.2	7.2	4.8
Cost Expectations – 3 months from now (%)	7.1		6.9	6.9	8.1	7.6	7.0
Wages/Salaries (%)	5.5		5.1	4.9	7.5	6.0	5.7
Wages/Salaries – same month a year ago (%)	5.2		5.4	4.8	7.0	6.0	4.9

Dec-20

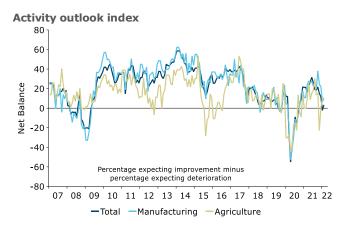
Retail

Mar-21

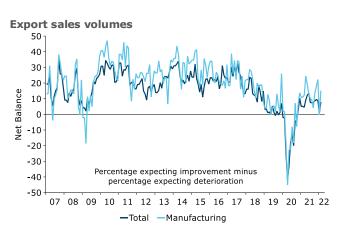
----Agri



Charts



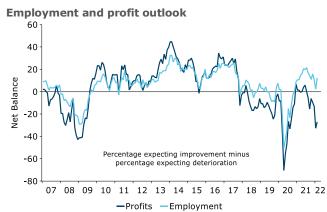


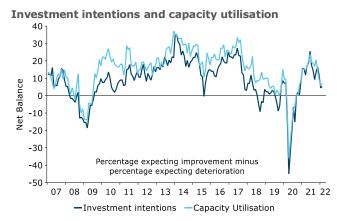


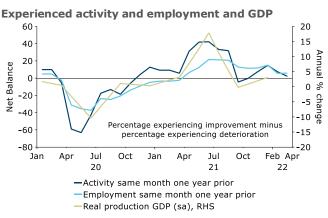


Source: ANZ, Statistics NZ, Macrobond











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 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) and 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.

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