

# June 2023 Quarter CPI Review

19 July 2023



This is not personal advice nor financial advice about any product or service. It does not take into account your financial situation or goals. Please refer to the Important Notice.



## Contact

Henry Russell or Miles Workman for more details.

Confused by acronyms or jargon?  
See a glossary [here](#).

## Data summary

	% qtr	% ann
Headline CPI	1.1%	6.0%
Tradable	0.8%	5.2%
Non-tradable	1.3%	6.6%

## Not a good news day after all

- Annual CPI inflation decelerated from 6.7% in Q1 to 6.0% in Q2, a little stronger than our forecast of 5.9%, but slightly below the RBNZ's May MPS forecast of 6.1%. That was where the good news ended for the RBNZ, however, with an unwelcome upward surprise in the key non-tradables inflation component.
- Non-tradables inflation came in at 6.6% y/y, stronger than the May MPS forecast of 6.3% y/y and our forecast for 6.4%. And the upward surprise was broad-based, rather than reflecting unexpected moves in one or two components.
- Core inflation measures were mixed. CPI excluding food, fuel, and energy fell to 6.1% y/y (6.5% previously). Trimmed mean measures largely remained flat or eased slightly. At the 30% trim level, inflation eased from 6.1% y/y to 6.0% y/y. Weighted median inflation rose sharply from 5.6% y/y to 6.6% y/y.
- Tradables inflation (largely imported) came in at 5.2% y/y (6.4% previously), well below the RBNZ's forecast of 5.8%, but largely reflecting base effects (as rising fuel prices in the wake of the war in Ukraine fell out of the annual calculation), as well as an expected sharp fall in international airfares.
- All up, these data show that risks to the inflation outlook remain firmly to the upside. While annual headline inflation fell sharply, which is helpful for inflation expectations, the details suggest persistence in non-tradables inflation, with associated potential medium-term challenges.
- We maintain our forecast that the RBNZ is not in fact done hiking yet, with a 25bp hike pencilled in for November. The focus now moves to Q2 labour market statistics (2 August).

## Big picture

The RBNZ will take little comfort from the fall in headline inflation today. The sharp fall in the annual headline largely reflects sizable base effects rolling out of the equation. The details still show clear underlying persistence, with the quarterly non-tradables inflation rate annualising to 6.1% y/y, after taking into account seasonal patterns. And with the headline rate still obviously far higher than it's supposed to be, it's by no means 'job done' for the RBNZ. Monetary policy is working to cool inflation pressures, but there's a long way to go, and it's not clear that progress is fast enough.

Breaking it down, while headline inflation came in slightly weaker than the RBNZ had expected, all of the downward surprise reflected tradables inflation. Ongoing goods disinflation, fading supply chain disruption, a sharply lower oil price, and the rapid normalisation in shipping costs are all tailwinds for bringing headline inflation down that actually have very little to do with the RBNZ's actions thus far. On that score, the persistence of domestically driven inflation, tied to a labour market that we suspect isn't capitulating from unsustainably tight levels as rapidly as the RBNZ believes, remains a key concern.

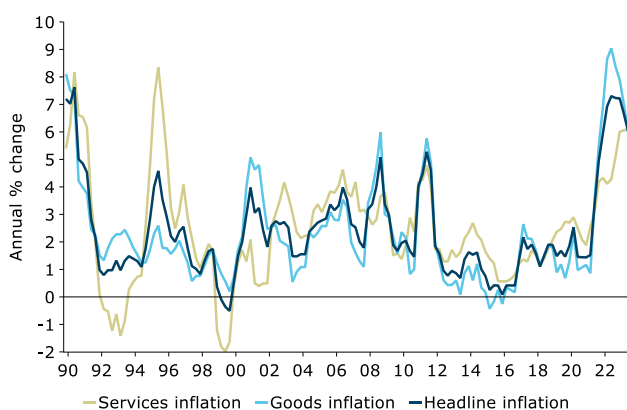
Services inflation remained flat at 6.1% y/y. The quarterly impulse was weaker at 0.6% q/q, however once stripping out transport services, we estimate the quarterly services impulse of around 1.1%, likely closely linked to the strength of the labour market. Pretty rapid improvements will need to be evident across the second half of the year for the RBNZ to be confident that monetary policy is sufficiently restrictive to get overall inflation sustainably back to target.

The suite of core measures showed some evidence of moderation, but it is by no means enough for the RBNZ to breathe easy. Trimmed mean measures were either flat or eased a touch, with the 30% trim measure falling from 6.1% y/y to 6.0%. Inflation excluding food, fuel and energy fell from 6.5% y/y to 6.0%. However, the proportion of the CPI basket running in excess of the 2% target increased to 84%, while the proportion of the basket running at greater than 5% fell. That suggests extreme inflation is now fading, but at the same time, inflation could be normalising above the RBNZ's target midpoint of 2%.

Overall, today's data suggest that underlying inflation is proving persistent, which will be a big worry for the RBNZ. That said, the fall in annual headline inflation is no less welcome for the fact that it reflects base effects (ie the unsustainable commodity price surge in the wake of the Russian invasion of Ukraine dropping out) and some sharp falls in tradables components. It all helps.

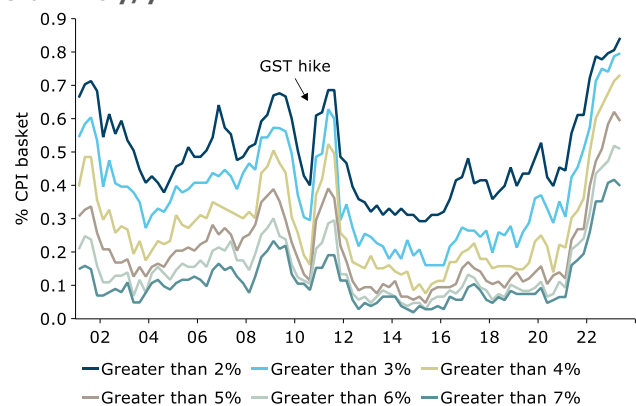
It's a long way back to target and that challenge will become increasingly evident once the low-hanging fruit of base-effects has all been gathered. Upside risks to medium-term inflation have not gone away, a fact we expect will become increasingly evident as the year goes on. For now, the economy is evolving broadly in line with the RBNZ's expectations. However, we'd caution against any complacency that the battle against inflation is over. How quickly the labour market capitulates holds the key. Today's data ups the ante on the score, insofar as it will make a dent in the RBNZ's ability to be patient. Our forecast continues to be that the economy is not in fact set to roll over as rapidly as the RBNZ expects, and that the next move in the OCR is upwards.

**Figure 1. Goods and services inflation**



Source: Stats NZ, Macrobond, ANZ Research

**Figure 2. Proportion of the CPI basket running greater than X% y/y**



Source: Stats NZ, Macrobond, ANZ Research

---

## The details

Turning to the details, of the 1.1% q/q increase in consumer prices in the June quarter:

- Food prices (18.0% of the CPI basket) lifted 2.2% q/q. Food prices continue to be pushed higher by disruption from extreme weather events and challenges with access to markets due to strained transport infrastructure. However, global food prices are well off their peaks, and while we haven't seen any evidence of that in New Zealand yet, the widening gap between domestic and global trends is likely to prove unsustainable.
- Housing-related costs (28.3% of the CPI basket) remain a key driver, rising 1.2% q/q – stronger than the 0.8% q/q we pencilled in. Rent prices were up 1.1% q/q, to be up 4.2% y/y. Housing construction costs also rose 1.1% q/q, slightly stronger than our expectation of 1.0% q/q. Construction cost inflation is below the historical average, as expected, given weakening demand and fading supply-side disruption. However, it remains unclear how far construction cost inflation will fall, given still-tight labour market conditions, a housing market showing signs of life, and residential construction intentions rising off their lows in recent months.
- The transport group (14.2% of the CPI basket) fell 1.9% q/q, much weaker than the 0.2% fall we expected. Petrol prices declined 1.5% q/q, more than the 0.3% q/q fall the weekly fuel price data had suggested. Domestic airfares fell 0.4% q/q, much less than the 5.0% q/q fall we had expected. On the other hand, international airfares fell 11.9% q/q, a much bigger fall than we had pencilled in. International airfares remain elevated, and further normalisation should occur across the second half of the year.
- The recreation and culture group (8.5% of the CPI basket) lifted 1.1%, much stronger than the 0.7% q/q we had pencilled in. The group was a tale of two halves: generally weaker inflation for the goods components, while services component inflation remained robust.
- Household contents and services (4.2% of the CPI) rose sharply up 2.6% q/q, stronger than the 0.8% lift that we had pencilled in, based on moderating global goods prices. That didn't eventuate, however and the level of prices in the group remains exceptionally elevated. We expect to see some normalisation moving forward.

## Monetary policy implications

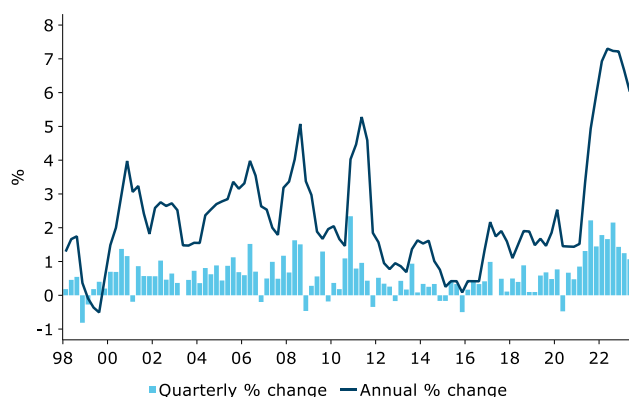
The Q2 CPI data is a smaller step in the right direction than the RBNZ would have been hoping to see. Glass half full, both global and domestic-driven inflation pressures are off their peaks. Falling headline inflation is likely to support a continuation of the downtrend in inflation expectations seen in recent months. But that doesn't prove that inflation is set to neatly roll all the way into the target hole.

Indeed, as well as the unwelcome upward surprise in non-tradable inflation today, in the near term, there's still some strength (albeit largely transitory) expected in Q3, with the unwind of the subsidies on fuel excise, road user charges and public transport, a sizeable lift in alcohol excise, and a significant rise in council rates all on the cards. The hike in prices at the pump, still-intense food price increases, and pressures building in the rental market – all necessities, not luxuries, and therefore highly salient to household budgets – may yet see inflation expectations hold up.

Looking further ahead, with clear evidence of underlying inflation pressures persisting, the RBNZ won't be as comfortable in their on-hold stance as they were yesterday. We wouldn't overplay it – the outlook for demand is more important than a 0.3%pt surprise on the starting point for non-tradable inflation. On that score, we continue to expect a picture of relative resilience of demand across the second half of the year, as the impulse from net migration, [sizeable fiscal stimulus in the next 12 months](#), improving [business sentiment](#) and a [housing market showing signs of life](#) conspire to prevent the economy from rolling over as quickly as the RBNZ currently forecasts. That amounts to upside risks around labour market resilience, and thus medium-term inflation. We've always [said](#) our call for an eventual resumption of hiking would likely look wrong before it looks right, based on the [data flow](#) between now and the end of the year. We're patient. But today's data reduces the RBNZ's ability to be patient in terms of waiting to see the full impacts of their actions thus far play out.

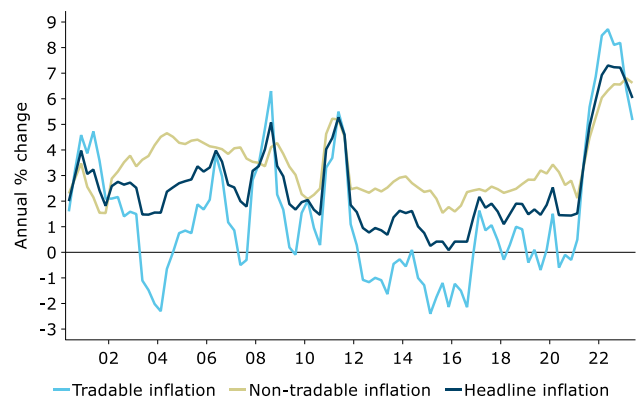
It's clear that the economy is slowing, but both the speed at which this is happening, and the speed at which it needs to happen, are topics of vigorous debate. Today's data don't give a great deal of evidence to settle either question – the million dollar question is how quickly spare capacity is opening up in the economy. Next stop, Q2 labour market data in two weeks.

**Figure 3. Headline CPI inflation**



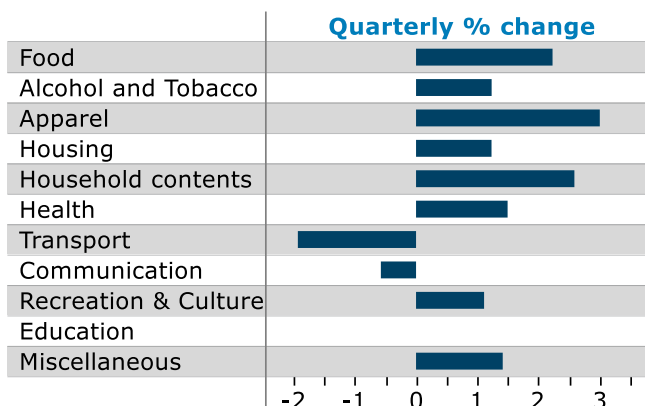
Source: Stats NZ, Macrobond, ANZ Research

**Figure 4. CPI inflation components**



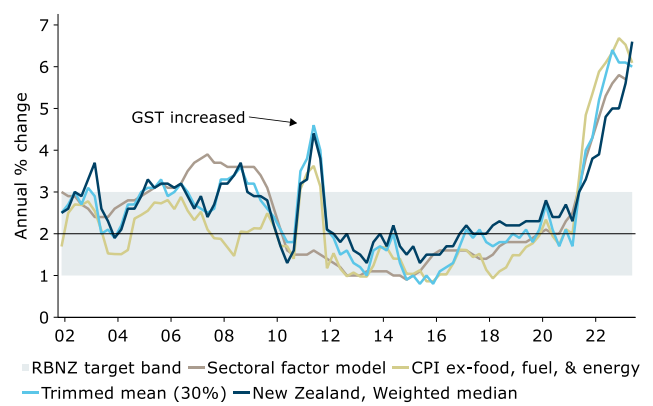
Source: Stats NZ, Macrobond, ANZ Research

**Figure 5. CPI groups – June 2023 quarter**



Source: Stats NZ, Macrobond, ANZ Research

**Figure 6. Core inflation measures**



Source: Stats NZ, RBNZ, Macrobond, 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 9 357 4094  
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)



**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)



**Henry Russell**  
Economist

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

Telephone: +64 21 629 553  
Email: [henry.russell@anz.com](mailto:henry.russell@anz.com)



**Kyle Uerata**  
Economic Statistician

Economic statistics, ANZ proprietary data (including ANZ Business Outlook), data capability and infrastructure.

Telephone: +64 21 633 894  
Email: [kyle.uerata@anz.com](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

---

Last updated: 18 April 2023

**The opinions and research contained in this document (which may be in the form of text, image, video or audio) are (a) not personal financial advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and do 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 by ANZ Bank New Zealand Limited (ANZ Centre, 23-29 Albert Street, Auckland 1010, New Zealand). This document is distributed in your country/region by Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**), a company incorporated in Australia or (if otherwise stated), by its subsidiary or branch (herein collectively referred to as **ANZ Group**). The views expressed in this document are those of ANZ Economics and Markets Research, an independent research team of ANZ Bank New Zealand Limited.

This document is distributed on the basis that it is only for the information of the specified recipient or permitted user of the relevant website (**recipients**).

This document is solely for informational purposes and nothing contained within is intended to be an invitation, solicitation or offer by ANZ Group to sell, or buy, receive or provide any product or service, or to participate in a particular trading strategy.

Distribution of this document to you is only as may be permissible by the laws of your jurisdiction, and is not directed to or intended for distribution or use by recipients resident or located in jurisdictions where its use or distribution would be contrary to those laws or regulations, or in jurisdictions where ANZ Group would be subject to additional licensing or registration requirements. Further, any products and services mentioned in this document may not be available in all countries.

ANZ Group in no way provides any personal financial, legal, taxation or investment advice to you in connection with any product or service discussed in this document. Before making any investment decision, recipients should seek independent financial, legal, tax and other relevant advice having regard to their particular circumstances.

Whilst care has been taken in the preparation of this document and the information contained within is believed to be accurate, ANZ Group does not represent or warrant the accuracy or completeness of the information, except with respect to information concerning ANZ Group. Further, ANZ Group does not accept any responsibility to inform you of any matter that subsequently comes to its notice, which may affect the accuracy of the information in this document.

Preparation of this document and the opinions expressed in it may involve material elements of subjective judgement and analysis. Unless specifically stated otherwise: they are current on the date of this document and are subject to change without notice; and, all price information is indicative only. Any opinions expressed in this document are subject to change at any time without notice.

ANZ Group does not guarantee the performance of any product mentioned in this document. All investments entail a risk and may result in both profits and losses. Past performance is not necessarily an indicator of future performance. Any products and services described in this document may not be suitable for all investors, and transacting in these products or services may be considered risky.

ANZ Group expressly disclaims any responsibility and shall not be liable for any loss, damage, claim, liability, proceedings, cost or expense (**Liability**) arising directly or indirectly and whether in tort (including negligence), contract, equity or otherwise out of or in connection with this document to the extent permissible under relevant law. Please note, the contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ Group may have an interest in the subject matter of this document. They may receive fees from customers for dealing in any products or services described in this document, and their staff and introducers of business may share in such fees or remuneration that may be influenced by total sales, at all times received and/or apportioned in accordance with local regulatory requirements. Further, they or their customers may have or have had interests or long or short positions in any products or services described in this document, and may at any time make purchases and/or sales in them as principal or agent, as well as act (or have acted) as a market maker in such products. This document is published in accordance with ANZ Group's policies on conflicts of interest and ANZ Group maintains appropriate information barriers to control the flow of information between businesses within the group.

Your ANZ Group point of contact can assist with any questions about this document including for further information on these disclosures of interest.

**Australia.** ANZ holds an Australian Financial Services licence no. 234527. For a copy of ANZ's Financial Services Guide please [click here](#) or request from your ANZ point of contact.

**Brazil.** This document is distributed on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this document, and no securities have been and will not be registered with the Securities Commission - CVM.

**Brunei, Japan, Kuwait, Malaysia, Switzerland, Taiwan.** This document is distributed in each of these jurisdictions by ANZ on a 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.

**Canada.** This document is general information only, is intended for institutional use only – not retail, and is not meant to be tailored to the needs and circumstances of any recipient. In addition, this document is not intended to be an offer or solicitation to purchase or sell any security or other financial instrument or to employ a specific investment strategy.

**Chile.** You understand and agree that ANZ is not regulated by Chilean Authorities and that the provision of this document is not subject to any Chilean supervision and is not guaranteed by any regulatory or governmental agency in Chile.

**Fiji.** For Fiji regulatory purposes, this document and any views and recommendations are not to be deemed as investment advice.

Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this document.

**Hong Kong.** This document is issued or distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this document have not been reviewed by any regulatory authority in Hong Kong. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

**India.** If this document is received in India, only you (the specified recipient) may print it provided that before doing so, you specify on it your name and place of printing.

**Israel.** ANZ is not a holder of a licence granted in Israel pursuant to the Regulation of Investment Advising, Investment Marketing and Portfolio Management Law, 1995 ("Investment Advice Law") and does not hold the insurance coverage required of a licensee pursuant to the Investment Advice Law. This publication has been prepared exclusively for Qualified Clients as such term is defined in the First Schedule to the Investment Advice Law. As a prerequisite to the receipt of a copy of this publication a recipient will be required to provide confirmation and evidence that it is a Qualified Client. Nothing in this publication should be considered Investment Advice or Investment Marketing as defined in the Investment Advice Law. Recipients are encouraged to seek competent investment advice from a locally licensed investment adviser prior to making any investment.

**Macau.** Click [here](#) to read the disclaimer for all jurisdictions in Mandarin. 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).

# Important notice

**New Zealand.** This document is distributed in New Zealand by ANZ Bank New Zealand Limited. The material is for information purposes only and is not financial advice about any product or service. We recommend you seek advice about your financial situation and goals before acquiring or disposing of (or not acquiring or disposing of) a financial product.

**Oman.** ANZ neither has a registered business presence nor a representative office in Oman and does not undertake banking business or provide financial services in Oman. Consequently ANZ is not regulated by either the Central Bank of Oman (**CBO**) or Oman's Capital Market Authority (**CMA**). The information contained in this document is for discussion purposes only and neither constitutes an offer of securities in Oman as contemplated by the Commercial Companies Law of Oman (Royal Decree 4/74) or the Capital Market Law of Oman (Royal Decree 80/98), nor does it constitute an offer to sell, or the solicitation of any offer to buy non-Omani securities in Oman as contemplated by Article 139 of the Executive Regulations to the Capital Market Law (issued vide CMA Decision 1/2009). ANZ does not solicit business in Oman and the only circumstances in which ANZ sends information or material describing financial products or financial services to recipients in Oman, is where such information or material has been requested from ANZ and the recipient understands, acknowledges and agrees that this document has not been approved by the CBO, the CMA or any other regulatory body or authority in Oman. ANZ does not market, offer, sell or distribute any financial or investment products or services in Oman and no subscription to any securities, products or financial services may or will be consummated within Oman. Nothing contained in this document is intended to constitute Omani investment, legal, tax, accounting or other professional advice.

**People's Republic of China (PRC).** This document may be distributed by either ANZ or Australia and New Zealand Bank (China) Company Limited (**ANZ China**). Recipients must comply with all applicable laws and regulations of PRC, including any prohibitions on speculative transactions and CNY/CNH arbitrage trading. If this document is distributed by ANZ or an Affiliate (other than ANZ China), the following statement and the text below is applicable: No action has been taken by ANZ or any affiliate which would permit a public offering of any products or services of such an entity or distribution or re-distribution of this document in the PRC. So, the products and services of such entities are not being offered or sold within the PRC by means of this document or any other document. This document may not be distributed, re-distributed or published in the PRC, except under circumstances that will result in compliance with any applicable laws and regulations. If and when the material accompanying this document relates to the products and/or services of ANZ China, the following statement and the text below is applicable: This document is distributed by ANZ China in the Mainland of the PRC.

**Peru.** The information contained in this document has not been, and will not be, registered with or approved by the Peruvian Superintendency of the Securities Market (Superintendencia del Mercado de Valores, **SMV**) or the Lima Stock Exchange (Bolsa de Valores de Lima, **BVL**) or under the Peruvian Securities Market Law (Legislative Decree 6 861), and will not be subject to Peruvian laws applicable to public offerings in Peru. To the extent this information refers to any securities or interests, it should be noted the securities or interests may not be offered or sold in Peru, except if (i) such securities or interests were previously registered with the Peruvian Superintendency of the Securities Market, or (ii) such offering is considered a private offering in Peru under the securities laws and regulation of Peru.

**Qatar.** This document has not been, and will not be:

- lodged or registered with, or reviewed or approved by, the Qatar Central Bank (**QCB**), the Qatar Financial Centre (**QFC**) Authority, QFC Regulatory Authority or any other authority in the State of Qatar (**Qatar**); or
- authorised or licensed for distribution in Qatar, and the information contained in this document does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC.

The financial products or services described in this document have not been, and will not be:

- registered with the QCB, QFC Authority, QFC Regulatory Authority or any other governmental authority in Qatar; or
- authorised or licensed for offering, marketing, issue or sale, directly or indirectly, in Qatar.

Accordingly, the financial products or services described in this document are not being, and will not be, offered, issued or sold in Qatar, and this document is not being, and will not be, distributed in Qatar. The offering, marketing, issue and sale of the financial products or services described in this document and distribution of this document is being made in, and is subject to the laws, regulations and rules of, jurisdictions outside of Qatar and the QFC. Recipients of this document must abide by this restriction and not distribute this document in breach of this restriction. This document is being sent/issued to a limited number of institutional and/or sophisticated investors (i) upon their request and confirmation that they understand the statements above; and (ii) on the condition that it will not be provided to any person other than the original recipient, and is not for general circulation and may not be reproduced or used for any other purpose.

**Singapore.** To the extent that this document contains any statements of opinion and/or recommendations related to an investment product or class of investment product (as defined in the Financial Advisers Act 2001), this document is distributed in Singapore by ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act 2001 of Singapore). ANZ is licensed in Singapore under the Banking Act 1970 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act 2001 of Singapore. In respect of any matters arising from, or in connection with, the distribution of this document in Singapore, please speak to your usual ANZ contact in Singapore.

**United Arab Emirates (UAE).** This document is distributed in the UAE or the Dubai International Financial Centre (**DIFC**) (as applicable) by ANZ. This document does not, and is not intended to constitute: (a) an offer of securities anywhere in the UAE; (b) the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the UAE, the Emirates Securities and Commodities Authority or the UAE Ministry of Economy; (c) an offer of securities within the meaning of the Dubai International Financial Centre Markets Law (**DIFCML**) No. 12 of 2004; and (d) a financial promotion, as defined under the DIFCML No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). The financial products or services described in this document are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules.

**United Kingdom.** This document is distributed in the United Kingdom by Australia and New Zealand Banking Group Limited (**ANZ**) solely for the information of persons who would come within the Financial Conduct Authority (**FCA**) definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the Prudential Regulation Authority (**PRA**) and the FCA. ANZ considers this document to constitute an Acceptable Minor Non-Monetary Benefits (**AMNMB**) under the relevant inducement rules of the FCA. ANZ is authorised in the United Kingdom by the PRA and is subject to regulation by the FCA and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request.

**United States.** Except where this is a FX-related document, this document is distributed in the United States by ANZ Securities, Inc. (**ANZ SI**) which is a member of the Financial Regulatory Authority (**FINRA**) ([www.finra.org](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 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.