ANZ-Roy Morgan NZ Consumer Confidence

25 November 2022



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

> Contact Sharon Zollner for more details. See page 5.

The next issue of the ANZ-Roy Morgan Consumer Confidence is scheduled for release on 21 December 2022 at 10am.

Confused by acronyms or jargon? See a glossary here.

Feeling the strain

Key points

- Consumer confidence fell 5 points in November to 80.7.
- The proportion of people who believe it is a good time to buy a major household item fell 9 points to -31%.
- Inflation expectations lifted to 5.3%, from 5.0% last month.

The ANZ-Roy Morgan Consumer Confidence Index fell 5 points in November to 80.7, its lowest level since June. Sharp increases in the cost of living and interest rates (not to mention falling house prices) are clearly hurting confidence, but excellent job security and strong wage growth have so far seen spending hold up far better than this level of confidence would normally imply. This dynamic is likely to be on borrowed time.





Source: Stats NZ, Macrobond, ANZ Research

Turning to the detail:

- Perceptions of current personal financial situations lifted 2 points to -16%.
- A net 0% expect to be better off this time next year, down 4 points.
- A net 31% of households think it's a bad time to buy a major household item, a 9 point deterioration to the lowest level since COVID first hit.
- Perceptions regarding the economic outlook in 12 months' time deteriorated from -39% to -41%. The 5-year-ahead measure fell sharply from +1% to -9%.
- House price inflation expectations fell from 0.5% to 0%. They are negative in Auckland, Wellington and the South Island ex Canterbury.
- CPI inflation expectations rose from 5.0% to 5.3%, breaking a downward trend.
- The proportion of mortgage-paying households who think it's a good time to spend continues to be lower than renters.

Retail sales data for Q3 will be released later today, but so far, it's fair to say that spending has not dropped away as sharply as reported willingness to buy would suggest it would have by now.

There are significant headwinds for consumer confidence and spending: the rising cost of living, rapidly rising interest rates, and falling house prices, as well as general uncertainty about the economic outlook – clear in this month's survey, where perceptions of the medium-term economic outlook were very weak. But offsetting that, private sector hourly wages are growing rapidly, the employment rate is at record highs, and perceived job security remains excellent. Here and now, most households' cash-flow is okay, and balance sheets are relatively robust.

That said, interest rate increases certainly are biting, as demonstrated by expectations for house price increases petering out completely, and the fact that both overall confidence and the answer to whether it's a good time to buy a major household item are lower amongst households paying off a mortgage. And while the focus has been on those rolling over onto higher mortgage interest rates, rent increases haven't exactly been a walk in the park either.

Overall, while consumer spending has been remarkably resilient, we suspect that this dynamic is due to peter out fairly soon as more and more households roll onto sharply higher mortgage rates and the flow-on effects of the ongoing slowing in the housing market become harder to miss. The Reserve Bank will certainly be hoping so.



Figure 3: Confidence: Renters versus mortgage payers



Source: Roy Morgan, Macrobond, ANZ Research

Consumer inflation expectations lifted from 5% to 5.3% this month, breaking a downward trend, in what will be unwelcome news for the Reserve Bank. Consumers don't set prices, but in a tight labour market they have more wage-bargaining power, which makes their inflation expectations highly pertinent in a world where the RBNZ is seeing unwelcome inflation feedback loops emerge. Further, if consumers expect inflation, it makes it easier for businesses to pass on cost increases, all else equal.

At its Monetary Policy Statement this week the Reserve Bank made it clear that they need to see much lower spending growth in order to bring down persistently high inflation. So far, they've been struggling to get traction with households who have been feeling confident about the income side of the equation. But the RBNZ upped the freak-out factor considerably this week with their forecasts of much higher interest rates, much lower growth, and unemployment reaching 5.7%. The reverberations of that seem likely to show up in the data relatively quickly. Watch this space.



Tables and charts

Survey Summary	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22
No. of Interviews	986	995	999	1,001	1,001	1,010	1,011	995
Q1. Would you say you	and your fam	ilv aro bottor	r off financial	lly or worso	off than you	woro at this	timo last vo	ar?
Better Off	27	27	24	26	21	26	28	28
Worse Off	42	45	46	42	46	44	45	43
Net Balance	-15	-17	-22	-16	-25	-18	-18	-16
Net Balance	15	17	22	10	23	10	10	10
Q2. This time next year	do you and y	our family ex	kpect to be b	etter off fina	ancially or wo	orse off than	you are nov	/?
Better Off	35	34	33	33	32	36	35	34
Worse Off	31	34	36	34	31	32	32	34
Net Balance	4	-1	-3	-2	1	4	4	0
Q3. Thinking of econom times financially, bad times financially.				le, in the ne	xt 12 months	s, do you exp	pect we'll hav	/e good
Good Times	11	10	8	10	12	11	12	12
Bad Times	52	51	55	53	47	43	50	53
		01	00	55	.,	15	50	-41
		-41	-47	-43	-35	-32	-39	
Net Balance Q4. Looking ahead, what during the next five yea	-41 at would you s ars or so, we'll	have bad tin	nes, or some	e good and s	ome bad?		5	ood time
Net Balance Q4. Looking ahead, wha during the next five yea Good Times	-41 at would you s ars or so, we'll 21	ay is more li have bad tir 23	kely: that in nes, or some 20	New Zealar good and s 19	nd as a whole some bad? 22	e we'll have o 19	continuous g	ood time 19
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times	-41 at would you s ars or so, we'll 21 26	ay is more li have bad tir	kely: that in nes, or some 20 24	New Zealar good and s 19 24	ad as a whole some bad? 22 20	e we'll have o 19 22	continuous g 22 21	ood times 19 28
Net Balance Q4. Looking ahead, wha during the next five yea Good Times	-41 at would you s ars or so, we'll 21	ay is more li have bad tin 23 23	kely: that in nes, or some 20	New Zealar good and s 19	nd as a whole some bad? 22	e we'll have o 19	continuous g	ood time 19
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance	-41 at would you s ars or so, we'll 21 26 -5	ay is more li have bad tir 23 23 0	kely: that in nes, or some 20 24 -5	New Zealar good and s 19 24 -5	nd as a whole come bad? 22 20 2	e we'll have o 19 22 -3	22 21 1	ood time 19 28
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times	-41 at would you s ars or so, we'll 21 26 -5	ay is more li have bad tir 23 23 0	kely: that in nes, or some 20 24 -5	New Zealar good and s 19 24 -5	nd as a whole come bad? 22 20 2	e we'll have o 19 22 -3	22 21 1	ood time 19 28
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t	-41 at would you s ars or so, we'll 21 26 -5 chink now is a	ay is more li have bad tir 23 23 0 good time, o	kely: that in nes, or some 20 24 -5 r a bad time	New Zealar good and s 19 24 -5 , for people	nd as a whole some bad? 22 20 2 to buy major	e we'll have o 19 22 -3 r household i	22 21 1 items?	00d time 19 28 -9
Net Balance Q4. Looking ahead, what during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27	ay is more li have bad tir 23 23 0 good time, o 21	kely: that in nes, or some 20 24 -5 r a bad time 28	New Zealar e good and s 19 24 -5 , for people 25	ad as a whole some bad? 22 20 2 to buy major 28	e we'll have o 19 22 -3 r household i 25	continuous g 22 21 1 items? 26	21
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy	-41 at would you s ars or so, we'll 21 26 -5 hink now is a 27 50	ay is more li have bad tir 23 23 0 good time, o 21 51	kely: that in nes, or some 20 24 -5 r a bad time 28 49	New Zealar e good and s 19 24 -5 , for people 25 51	ad as a whole come bad? 22 20 2 to buy major 28 45	e we'll have of 19 22 -3 r household i 25 50	continuous g 22 21 1 items? 26 48	28 -9 21 52
Net Balance Q4. Looking ahead, what during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27 50 -23 vears do you th	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that prio	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21	New Zealar good and s 19 24 -5 , for people 25 51 -25	ad as a whole come bad? 22 20 2 to buy major 28 45 -17	e we'll have of 19 22 -3 r household i 25 50 -25	continuous g 22 21 1 items? 26 48 -22	21 52 - 3
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected	-41 at would you s ars or so, we'll 21 26 -5 -5 chink now is a 27 50 -23 vears do you tl d percentage	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that price per year?	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up,	ad as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or	e we'll have of 19 22 -3 r household i 25 50 -25 r stay where	continuous g 22 21 1 items? 26 48 -22 they are nov	21 22 21 52 -31 21
Net Balance Q4. Looking ahead, what during the next five year Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27 50 -23 vears do you th d percentage p 88	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that price per year? 88	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83	id as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78	e we'll have of 19 22 -3 r household i 25 50 -25 stay where 80	continuous g 22 21 1 items? 26 48 -22 they are nov 84	21 22 21 52 -31 v? And if 84
Net Balance Q4. Looking ahead, what during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up Go Down	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27 50 -23 vears do you the d percentage of 88 4.8	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that price per year? 88 4.2	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85 3.9	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83 4.8	ad as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78 7.0	e we'll have of 19 22 -3 r household i 25 50 -25 stay where 80 7.1	continuous g 22 21 1 items? 26 48 -22 they are nov 84 4.4	21 22 21 52 -31 21 52 -31 21 52 -31
Net Balance Q4. Looking ahead, what during the next five year Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27 50 -23 vears do you th d percentage p 88	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that price per year? 88	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83	id as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78	e we'll have of 19 22 -3 r household i 25 50 -25 stay where 80	continuous g 22 21 1 items? 26 48 -22 they are nov 84	21 22 21 52 -31 v? And if 84
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up Go Down Expectation (%)	-41 at would you s ars or so, we'll 21 26 -5 hink now is a 27 50 -23 vears do you tl d percentage p 88 4.8 5.6	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that prio per year? 88 4.2 5.1	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85 3.9 5.6	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83 4.8 4.8 4.9	ad as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78 7.0 5.0	e we'll have of 19 22 -3 r household i 25 50 -25 r stay where 80 7.1 5.1	continuous g 22 21 1 items? 26 48 -22 they are nov 84 4.4 5.0	21 52 -31 v? And if 84 5.0 5.3
Net Balance Q4. Looking ahead, what during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up Go Down Expectation (%)	-41 at would you s ars or so, we'll 21 26 -5 hink now is a 27 50 -23 /ears do you th d percentage p 88 4.8 5.6	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that prio per year? 88 4.2 5.1 ice of houses	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85 3.9 5.6 s during the n	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83 4.8 4.9 next 2 years	id as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78 7.0 5.0	e we'll have of 19 22 -3 r household i 25 50 -25 r stay where 80 7.1 5.1 k that the p	continuous g 22 21 1 items? 26 48 -22 they are nov 84 4.4 5.0 rice of house	21 52 -31 v? And if 84 5.0 5.3
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up Go Down Expectation (%)	-41 at would you s ars or so, we'll 21 26 -5 think now is a 27 50 -23 vears do you th d percentage p 88 4.8 5.6	ay is more li have bad tir 23 23 0 good time, o 21 51 -30 hink that prio per year? 88 4.2 5.1 ice of houses	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85 3.9 5.6 s during the n	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83 4.8 4.9 next 2 years	id as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78 7.0 5.0	e we'll have of 19 22 -3 r household i 25 50 -25 r stay where 80 7.1 5.1 k that the p	continuous g 22 21 1 items? 26 48 -22 they are nov 84 4.4 5.0 rice of house	21 52 -31 v? And if 84 5.0 5.3
Net Balance Q4. Looking ahead, wha during the next five yea Good Times Bad Times Net Balance Q5. Generally, do you t Good Time to Buy Bad Time to Buy Net Balance Q6. During the next 2 y up, what is the expected Go Up Go Down Expectation (%) Q7. Specifically thinking general will go up, go de	-41 at would you s ars or so, we'll 21 26 -5	ay is more li have bad tin 23 23 0 good time, o 21 51 -30 hink that price per year? 88 4.2 5.1 ice of houses where they an	kely: that in nes, or some 20 24 -5 r a bad time 28 49 -21 ces in genera 85 3.9 5.6 s during the p re now? And	New Zealar e good and s 19 24 -5 , for people 25 51 -25 al will go up, 83 4.8 4.9 next 2 years if up, what	id as a whole come bad? 22 20 2 to buy major 28 45 -17 go down, or 78 7.0 5.0 ;, do you thin is the expect	e we'll have of 19 22 -3 r household i 25 50 -25 stay where 80 7.1 5.1 k that the pred percentage	continuous g 22 21 1 items? 26 48 -22 they are nov 84 4.4 5.0 rice of house ge per year?	21 52 -31 27 -31 21 52 -31 21 52 -31 21 52 -31 21 52 -31 21 52 53 3 5.3

ANZ Roy Morgan Consumer Confidence Rating (100 plus the unweighted average of the net balances of Q1-5)											
Overall Index	84.4	82.3	80.5	81.9	85.4	85.4	85.4	80.7			
Current Conditions	81.4	76.6	78.6	79.4	79.2	78.8	80.5	76.7			
Future Conditions	86.3	86.0	81.9	83.6	89.5	89.8	88.8	83.3			



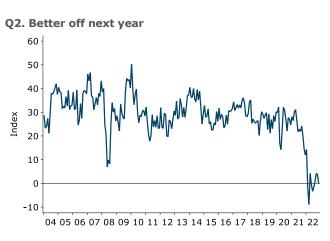








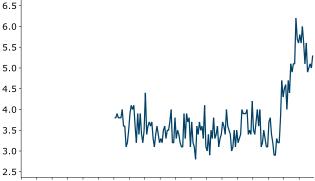
Source: Roy Morgan, Macrobond, ANZ Research

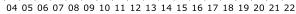




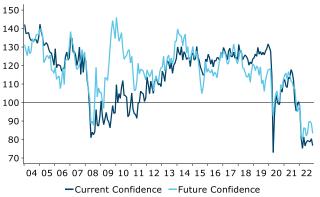


Q6. Inflation expectations





Current vs future conditions





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



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



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



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 General enquiries: research@anz.com

Follow ANZ Research @ANZ_Research (global)



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



Finn Robinson Economist

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

Telephone: +64 21 629 553 Email: finn.robinson@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 Last updated: 1 September 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 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 and are subject to change at any time without notice, and, and 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. 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 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. 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. 溴门. 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.

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.** 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. In respect of any matters arising from, or in connection with, the distribution of this document in Singapore, please speak to your usual ANZ contact in Singapore.

United Arab Emirates (UAE). This document is distributed in the UAE or the Dubai International Financial Centre (**DIFC**) (as applicable) by ANZ. This document does not, and is not intended to constitute: (a) an offer of securities anywhere in the UAE; (b) the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the UAE, the Emirates Securities and Commodities Authority or the UAE Ministry of Economy; (c) an offer of securities within the meaning of the Dubai International Financial Centre Markets Law (DIFCML) No. 12 of 2004; and (d) a financial promotion, as defined under the DIFCML No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**) ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). The financial products or services described in this document are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules. **United Kingdom.** This document is distributed in the United Kingdom by Australia and New Zealand Banking Group Limited (**ANZ**) solely for the information of persons who would come within the Financial Conduct Authority (**FCA**) definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the Prudential Regulation Authority (**PRA**) and the FCA. ANZ considers this document to constitute an Acceptable Minor Non-Monetary Benefits (**AMNMB**) under the relevant inducement rules of the FCA. ANZ is authorised in the United Kingdom by the PRA are available from us on request.

United States. Except where this is a FX-related document, this document is distributed in the United States by ANZ Securities, Inc. **(ANZ SI)** which is a member of the Financial Regulatory Authority **(FINRA)** (www.finra.org) and registered with the SEC. ANZSI's address is 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). ANZSI accepts responsibility for its content. Information on any securities referred to in this document may be obtained from ANZSI upon request. This document or material is intended for institutional use only – not retail. If you are an institutional customer wishing to effect transactions in any securities referred to in this document you must contact ANZSI, not its affiliates. ANZSI is authorised as a broker-dealer only for institutional customers, not for US Persons (as "US person" is defined in Regulation S under the US Securities Act of 1933, as amended) who are individuals. If you have registered to use our website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use our website by unsubscribing or should notify the sender and you should not act on the contents of this document in any way. Non-U.S. analysts may not be associated persons of ANZSI and therefore may not be subject to FINRA Rule 2242 restrictions on communications with the subject company, public appearances and trading securities held by the analysts. Where this is a FX-related document, it is distributed in the United States by ANZ's New York Branch, which is also located at 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 916 0 Fax: +1 212 801 9163).

Vietnam. This document is distributed in Vietnam by ANZ or ANZ Bank (Vietnam) Limited, a subsidiary of ANZ.

This document has been prepared by ANZ Bank New Zealand Limited, Level 26, 23-29 Albert Street, Auckland 1010, New Zealand, Ph 64-9-357 4094, e-mail nzeconomics@anz.com, http://www.anz.co.nz