

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



Contact

Miles Workman for more details.

Glass Half-Full Economic and Fiscal Update

Summary

- Economic developments, chiefly housing-driven domestic demand, are likely to see the Treasury upgrade their near-term economic outlook.
- That's likely to see the fiscals upgraded – at least for the current fiscal year. Government financial statements to October show the fiscals have not deteriorated as much as the Treasury thought they would at the Pre-election Update.
- But caution around the medium-term outlook is still warranted. While the better starting point will probably dovetail into a slightly better medium-term economic outlook, we're not convinced it'll be large enough to change the overall narrative that headwinds are expected to persist while fiscal stimulus is poised to wane.
- Despite recent positive vaccine news, we think it's still too early to take the \$14bn COVID-19 contingency out of the fiscal outlook. But the balance of risks favours this happening eventually – perhaps this will happen gradually or is a story for Budget 2021 or the 2021 Half-Year Update. The Minister of Finance has repeatedly said that if these funds are not needed, they will not be borrowed. That suggests fiscal prudence will win out and it won't get re-purposed later. But never say never.
- A better fiscal starting point and outlook should see bond issuance guidance downgraded. We expect a cumulative downgrade of \$20bn to June 2024. Then, depending on vaccine developments, economic momentum and fiscal policy decisions, further downgrades to guidance appear likely at next year's Economic and Fiscal Updates, with the next possible contender being Budget 2021 in May.
- It's our expectation that the RBNZ will adjust the LSAP in line with bond issuance. While we see no need for the RBNZ to lower its \$100bn LSAP guidance, fewer bonds on issue could see the purchase term extended at the February MPS. That'll require an extension of the current indemnity.
- Turning to policy, Labour's 2020 election manifesto suggests their majority win isn't a game changer for the overall fiscal stance – it's more of a 'steady as she goes' situation. And on face value that suggests fiscal policy decisions won't be a huge driver of changes to the bond programme – at least at this update.
- Since the onset of this crisis, the Government's Fiscal Strategy has been to "run operating deficits in the short term to fight COVID-19, cushion its impact and position New Zealand for recovery". Understandably, the Fiscal Strategy has been pretty light on details around eventual consolidation (how and when it intends to return to surplus and return debt to "prudent" levels). And with the usual accompanying Budget Policy Statement delayed, we'll just have to wait until next year (before March 31, but probably earlier) before we know how the Government plans to broadly manage the books through the recovery. Overall, we expect fiscal prudence and consolidation to get a lot more air time once the health part of this crisis is dealt with and the economic recovery is looking more assured. But at the same time, there's a lot of additional spending that could be justified.

Key points

The Treasury will open up the Government's books for the third and final time in 2020 on 16 December.

The near-term outlook is less dire than initially feared...

There's still significant uncertainty surrounding the economic and fiscal outlook, but it's fair to say things are looking better than the Treasury (and pretty much every other forecaster, including us) were expecting back in May's Budget and even September's Pre-election Update. The Half-Year Update should include an upgrade to the economic outlook, at least in the near term.

In part, the better-than-expected economic dataflow of late speaks to the efficacy of both fiscal and monetary policy. No one was expecting the housing market to get this hot earlier in the year. Combined with the wage subsidy, so far this has done an amazing job of filling the hole in the economy brought about by lockdowns, a closed border, and the weak global backdrop – albeit while causing other issues and exacerbating some longer-term risks.

We also shouldn't overlook the importance of New Zealand's successful management of the health aspect of this crisis. Unlike in most countries, many households and businesses have been able to mostly return to business as usual. Meanwhile, however, a small portion of the economy continues to really feel the pain. We will never know precisely how many jobs and businesses successful virus containment has saved, but we think it's been significant in terms of preventing the downturn from rapidly broadening across industries.

A better-than-expected starting point for the economy has also been reflected in the Government's monthly financial statements, with core Crown residual cash coming in \$4.0bn ahead of the Pre-election forecast in the four months to October. And it's been pretty broad-based across fiscal indicators, with better revenue and expenses leading to smaller-than-expected deficits and lower-than-expected debt.

That said, 2021 is still shaping up to be a tough year for many, with growth likely to recoil a touch as housing momentum peters out and the lost summer of international tourism bites (peak international tourism typically happens in Q1). There are also significant COVID-induced headwinds in the Northern Hemisphere that could create a bit of a growth wobble between now and the implementation of large-scale inoculations. So there is good reason for the Treasury's forecasts to maintain a healthy degree of caution.

But importantly, the risk of the Government needing the \$14bn it has set aside to respond to COVID-19 resurgence appears to be reducing. We're not out of the woods yet, so this is likely to stay in the fiscals for now. But provided another Alert Level 4 lockdown is avoided, the Minister of Finance could be making good on his word that if these funds are not needed, they will not be borrowed. At that point, the Treasury accountants will take this out of the fiscal outlook and that will translate to a smaller bond programme (all else equal). We think this change could happen as early as next year, but it could also happen gradually – starting from next week!

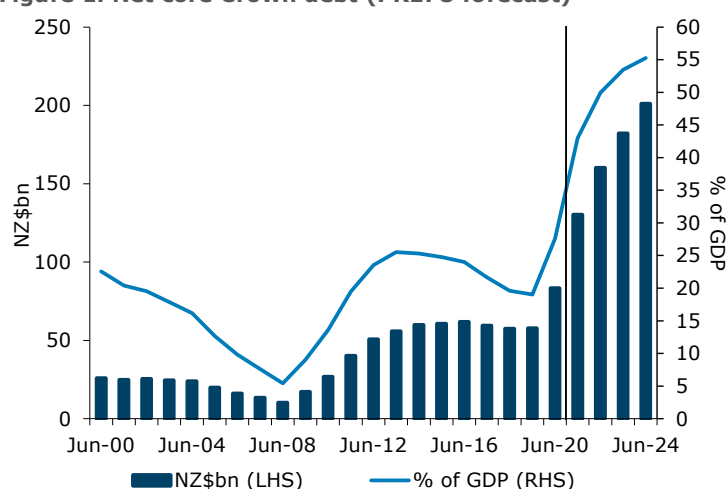
...with caution still warranted around the medium-term outlook

With so much uncertainty around [virus and vaccine developments](#), the [sustainability of recent housing momentum](#), seasonal impacts of the crisis, the economy's broader economic resilience, and the global outlook, we think the Treasury will maintain a healthy dose of caution in its medium-term economic outlook. So while the stronger starting point will probably be worth a little bit from a momentum perspective, we think the Treasury (just like the RBNZ, and us) are well aware that this doesn't change the fact that headwinds remain and the data (including the Q3 bounce in GDP) is volatile. In fact, it's worth

highlighting that a **strong rebound in GDP in Q3 increases the odds of weak (or even negative) growth in Q4 and early 2021**. And that implies increased odds of a double-dip recession. However, this doesn't necessarily imply a significantly different medium-term outlook for the level of GDP – rather, it just reflects the possibility that the near-term data could be more volatile than expected.

For the fiscals, this picture still lends itself to a moderate upgrade. OBEGAL deficits are likely to be narrower on average over the forecast horizon, with net core Crown debt peaking a little lower – we estimate peak net debt will be closer to 50% of GDP in 2023/24, compared to 55.3% of GDP at the Pre-election Update.

Figure 1. Net core Crown debt (PREFU forecast)



Source: The Treasury, ANZ Research

Fiscal policy to transition from sugar-rush to low GI

Provided further lockdowns are avoided, the days of sugar-hit fiscal support (such as the wage subsidy) appear to be behind us. That means fiscal policy's influence on the macro-economy is going to be a little more 'slow burn' from here, focused chiefly on infrastructure and addressing key supply constraints via RMA reform. But construction is one industry where capacity constraints (including labour) appear to be biting, and that's likely to dampen the stimulatory impact over the coming years.

Despite capital expenditure by Government being an extremely important driver for activity over the longer run, its impact on activity in the near term does tend to get overstated. Delays are an unfortunate reality that closed borders are only going to exacerbate (given the industry's dependence on imported labour and the time it takes to train workers).

But what's really important here is that the Government be absolutely relentless when it comes to addressing New Zealand's infrastructure deficit. It's going to take a long time and the benefits are going to accrue only slowly. But a very lengthy pipeline of planned projects is needed, and is owed to younger generations who are **already inheriting some big burdens**.

Stepping back, we're actually pretty close to the point where fiscal policy will turn from being a direct support to growth to becoming a drag. That's not to say fiscal policy will no longer continue to support the *level* of activity – it will – but a persistent positive contribution to *growth* via tax and spending settings is just not feasible without persistently widening deficits and exploding debt. This isn't a critique of fiscal policy; this is just the reality of the Government's budget constraint. And that's why it's so important that the Government focus on addressing key supply constraints such as the RMA. Delaying the 2021

minimum wage rise – and instead boosting incomes at the lower end of the spectrum through tax and transfer settings – would also make for a speedier recovery by keeping more people in work than otherwise, but the Government’s stance here appears unlikely to change. At least the Flexi-wage scheme will provide some offset.

Fewer bonds on issue...

When it comes to bond issuance guidance there are lots of moving parts to consider – and many of them involve guessing the assumptions the Treasury will make. But we think the direction is pretty clear, and that NZ Debt Management will likely signal fewer bonds on issue over the coming years than they did at the Pre-Election Update. And depending on virus and economic developments, further downgrades to issuance guidance appear likely beyond next week’s Half-Year Update (see Table 1).

Table 1. The many things influencing NZDM’s bond issuance guidance

Influence on bond programme	Implication for HYEFU	Additional implication after HYEFU
Better economic and fiscal starting point	-\$5bn for 2020/21. With around \$30bn of issuance already completed this fiscal year, the hurdle to downgrade 20/21 more than this is pretty high as NZDM pursue stability in issuance.	No implication provided HYEFU guidance fully accounts for this.
Small upgrade to economic and fiscal outlook	Better-than-expected momentum in the fiscals could see 2021/22 guidance downgraded \$5bn. Overall, an additional cumulative \$5-15bn could be removed over the out years – it’s difficult to gauge if this would be spread evenly.	No implications beyond HYEFU (assuming HYEFU forecasts are right). HYEFU will provide an updated benchmark to assess the risk of further changes to the outlook.
Successful virus containment means the \$14bn COVID contingency is not needed.	We think the Treasury accountants will keep this in the fiscal outlook for now, but it was pretty front-loaded at PREFU (\$7bn in 2020/21) so could be re-phased. We can’t rule out a partial downgrade either.	Assuming no change at HYEFU, a cumulative impact of -\$14bn from 2021/21.
NZDM decide the large buffer of liquid assets they are holding (just in case they need to facilitate significant and fast-moving policy decisions, such as another wage subsidy) is no longer needed.	Small possibility this partially comes into play, but more likely to give NZDM confidence to “round down” than make material changes to their guidance at this stage.	Further cumulative impact of around -\$15-20bn. This reflects the fact that NZDM may decide to permanently hold larger cash buffers than pre-crisis (ie we may never see a full retracement). But provided downside virus and economic risks do not materialise, we think they’ll run down their buffer from current levels to some degree.
Discretionary fiscal policy decisions (ie changes to tax and spending settings).	No immediate impact obvious. Broad fiscal policy settings are expected to be little changed. The increase to PAYE from 1 April 2021 is expected to bump up revenue by around \$0.5bn p.a. That’s margin-of-error magnitude, but another reason to “round down”.	A big unknown with magnitude uncertain. Risks are skewed towards the Government spending more. But this could equally be facilitated by positive surprises in the fiscals (if the data evolves that way) – ie increased Government spending may not need additional funding.
Delays in government spending (particularly capex) causing a re-phasing of issuance guidance.	No implications for 2020/21 issuance as NZDM pursue stability. But could have a positive wave impact on the profile in the out years.	Similar story for future updates; not a game changer.
Treasury forecast assumptions, such as funding costs (interest rate) over the medium term, and the maturity profile.	Could be worth up to \$1-2bn in a single fiscal year from 2021/22.	Same risk as at HYEFU.
Changes to Treasury bill issuance	T-bills could be wound down slightly (\$1-2bn pa) in the interest of keeping the bond programme stable.	Same risk as at HYEFU.

In a nutshell, there are three key influences on bond issuance guidance:

- economic and fiscal developments (including automatic stabilisers);
- discretionary fiscal policy decisions; and
- Treasury/NZDM decisions and assumptions.

Overall, we expect to see a modest downgrade to bond issuance guidance next week, of perhaps \$5bn in each fiscal year to 2023/24. But as Table 1 suggests, risks are skewed towards further downgrades in the future. We've assumed issuance guidance of \$25bn for the additional forecast year (2024/25), given the skew of risks and benefits of signalling a wind down.

Table 2. Bond issuance guidance

	Jun-21	Jun-22	Jun-23	Jun-24	Jun-25
Pre-election Update	50	35	35	35	N/A
Half-Year Update (ANZ expectations)	45	30	30	30	25

NZDM are also likely to signal an intention to bring a new bond to market, via syndication, in the second half of the fiscal year. As we have noted in other research, we expect a new 2051 nominal bond to be launched around the time that the May 2021 bond matures. Such a maturity would match that of the longest ACGB, and extend the NZGB curve to 30 years, taking it beyond the longest non-government bond on issue in the New Zealand market (the Auckland Council 2050 bond).

Treasury-bill issuance guidance was set at \$10bn pa at the Pre-election Update. We think the directional bias here is also slightly skewed to a lower profile, but that too could be a story for another day.

...means fewer for the RBNZ to buy

Fewer Government bonds on issue mean there will be less in market for the RBNZ to buy. We expect the co-movement between bond issuance and the LSAP to be pretty mechanical from here. But lower issuance is likely to bring into question the feasibility of the RBNZ purchasing up to \$100bn under their current indemnity, which expires at the end of August 2022 and covers up to 60% of bonds on issue. Rather than reducing the signalled amount (and thereby risk a tightening in financial conditions) we expect the RBNZ is more likely to seek an extension to the indemnity to December 2022, or perhaps longer. In our view, this would most likely occur at the February MPS, and could be used as a dovish signal, with stimulus through the LSAP to be provided for longer, rather than being pared back with bond issuance.

A long road ahead

All up, we expect to see another Economic and Fiscal Update that's still riddled with significant uncertainty around the outlook, and that implies the key messaging will be broadly unchanged. Central forecasts are helpful when it comes to gauging the evolution of the economy relative to previous expectations, but it's worth bearing in mind the Big Picture: fiscal policy has done a great job of insulating the economy from this crisis, but that's resulted in a significant deterioration in the books – a deterioration that before too long warrants a serious discussion about fiscal consolidation and who should wear the long-term costs. Next year's Budget Policy Statement should have more to say about that.



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 27 432 2769
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



Liz Kendall
Senior Economist

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

Telephone: +64 27 240 9969
Email: elizabeth.kendall@anz.com



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



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 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



Important notice

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

This document may be restricted by law in certain jurisdictions. Persons who receive this document must inform themselves about and observe all relevant restrictions.

Disclaimer for all jurisdictions: This document is prepared and distributed in your country/region by either: Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**); or its relevant subsidiary or branch (each, an **Affiliate**), as appropriate or as set out below.

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

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

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

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

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

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

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

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

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

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

Country/region specific information: Unless stated otherwise, this document is distributed by Australia and New Zealand Banking Group Limited (**ANZ**).

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

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

Cambodia. This document is distributed in Cambodia by ANZ Royal Bank (Cambodia) Limited (**ANZ Royal Bank**). The recipient acknowledges that although ANZ Royal Bank is a subsidiary of ANZ, it is a separate entity to ANZ and the obligations of ANZ Royal Bank do not constitute deposits or other liabilities of ANZ and ANZ is not required to meet the obligations of ANZ Royal Bank.

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

Fiji. For Fiji regulatory purposes, this document and any views and recommendations are not to be deemed as investment advice. Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this document.

Hong Kong. This publication is issued or distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this publication have not been reviewed by any regulatory authority in Hong Kong.

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

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



Important notice

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

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

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

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

- lodged or registered with, or reviewed or approved by, the Qatar Central Bank (**QCB**), the Qatar Financial Centre (**QFC**) Authority, QFC Regulatory Authority or any other authority in the State of Qatar (**Qatar**); or
- authorised or licensed for distribution in Qatar,

and the information contained in this document does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC. The financial products or services described in this document have not been, and will not be:

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

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

Singapore. This document is distributed in Singapore by the Singapore branch of ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 of Singapore.

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

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

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

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