

Budget 2020 Review

14 May 2020



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

Contact

Miles Workman

Senior Economist

Telephone: +64 21 661 792

miles.workman@anz.com

Sharon Zollner

Chief Economist

Telephone: +64 27 664 3554

sharon.zollner@anz.com

Big umbrella

Summary

- Today's \$50bn Budget package and associated bond issuance guidance were bigger than expected. Policies worth \$22 billion had been announced before today, around \$10bn was new initiatives, leaving around \$20bn or so unallocated.
- It's a big umbrella, but this crisis is a monsoon. We think there's more work to do and that tougher choices will need to be made. Getting out the cheque book is the easy part. Supply-side regulation, changes to tax settings, and reprioritising existing spending to ensure the taxpayer is getting maximum bang for its buck will be the real challenge.
- Key policy announcements include a targeted extension to the wage subsidy and increased spending on infrastructure and public housing. But there's plenty more decisions and announcements to come.
- The Government's new fiscal strategy is suitably flexible – it intends to return debt to prudent levels one day (which won't be over the Treasury's forecast horizon) and run substantial deficits in the near term to cushion the blow and support the recovery.
- Core Crown net debt is forecast to peak at 53.6% of GDP in 2023 and 2024 (previously 21.5% in 2022). Total Crown OBEGAL deficits widen to 10.1% of GDP by 2021, narrowing to a deficit of 1.3% by 2024. On that trajectory, surpluses will begin in 2025.
- Compared to December's Half-Year Update, Debt Management's gross bond issuance guidance has been lifted by \$148 billion to \$190 billion over the next few years. That's around \$45 billion more than we were expecting.
- The Treasury's central economic outlook is a little more optimistic than our own. But they have carefully communicated the uncertainty around this. We don't see today's Budget announcements as presenting significant upside risk to our economic outlook. Fiscal stimulus will certainly help, and make a difference, but it cannot provide a full offset.
- Bonds and the NZD have reacted negatively to today's announcements, with the significant boost in the borrowing programme weighing on the bond market. It does add to the risk that we see the RBNZ expand its QE programme, but until or unless that's confirmed, the market will be understandably nervous.

Budget 2020 forecasts (Half-Year Update 2019 forecasts in brackets)

Economic (June years)	2019/20	2020/21	2021/22	2022/23	2023/24
Real GDP (ann. ave. % chg.)	2.8 (2.2)	-4.6 (2.8)	-1.0 (2.7)	8.6 (2.5)	4.6 (2.4)
Current account deficit (% of GDP)	-3.4 (-3.2)	-2.0 (-3.4)	-5.7 (-3.6)	-4.2 (-3.7)	-3.8 (-3.8)
Unemployment rate (June qtr, %)	4.0 (4.3)	8.3 (4.2)	7.6 (4.2)	5.7 (4.3)	5.2 (4.3)
CPI (ann. % chg.)	1.7 (1.9)	1.3 (1.9)	0.8 (2.0)	1.5 (2.0)	1.8 (2.0)
Fiscal					
OBEGAL - % of GDP	-9.6 (-0.3)	-10.1 (0.0)	-8.3 (0.5)	-4.7 (1.1)	-1.3 (1.5)
Core Crown Residual Cash - % of GDP	-10.9 (-1.6)	-14.7 (-2.4)	-10.7 (-1.6)	-7.6 (-0.6)	-3.6 (0.2)
Net Core Crown Debt - % of GDP	30.2 (19.6)	44.0 (21.0)	49.8 (21.5)	53.6 (20.9)	53.6 (19.6)
Bond Programme (gross, NZ\$bn)	25 (10.0)	60 (10.0)	40 (8.0)	35 (8.0)	30 (6.0)

Details and assessment

Big and vague

Today's Budget was bigger than expected, reflecting the extreme situation we find ourselves in, the important role of fiscal policy, and the uncertain outlook.

All up, the Government has committed to a \$50bn budget package, with \$22 billion already allocated before today (on things like the initial wage subsidy).

Only some of the extra \$30bn has been allocated, including:

- \$4bn business support package, including a targeted \$3.2bn wage subsidy extension;
- \$3bn infrastructure investment and 8,000 public house build programme;
- \$1.4bn for trades and free training and apprenticeships;
- \$1bn environmental jobs package; and
- \$3.3bn new funding to strengthen core services including health and education

The Government initially provisioned \$52 billion for its COVID response, but has more than maxed that out with COVID-19 related funding decisions now totalling just over \$62bn. And there's nothing to stop an increase further down the track if conditions require.

The Government has done away with its long-run objective to maintain net debt between 15-25% of GDP, and has replaced it with "the Government will stabilise and then reduce net core Crown debt to prudent levels over the long term (subject to any significant shocks) and beyond", noting that prudent debt levels are those that are within sustainable limits and provide a buffer for future shocks.

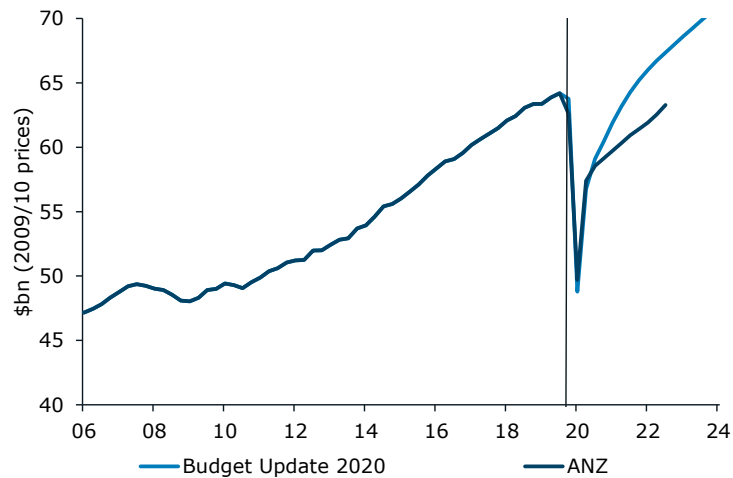
We think a flexible approach is sensible at this stage, and that the strategy will probably become more specific than that once we're on the other side of the crisis. Fiscal consolidation (ie. higher taxes, and/or lower spending) is a story for another day.

For now, the Government's near term focus is to run large fiscal deficits to cushion the blow of the crisis and support the recovery. Appropriately flexible, the long-term objective for the operating balance is to return to surplus and maintain an operating balance subject to the debt objective. Again, no explicit timeframes provided.

A significant downgrade to the Treasury's economic outlook – but does it go far enough?

Compared to our own outlook, the Treasury's central economic forecasts are a little more optimistic (figure 1). However, it's not worth getting too caught up in the differences. Uncertainty is extreme around both, with game-changing risks on both the upside (eg. vaccine) and downside (eg. second wave of inflection).

Figure 1. Real GDP forecasts

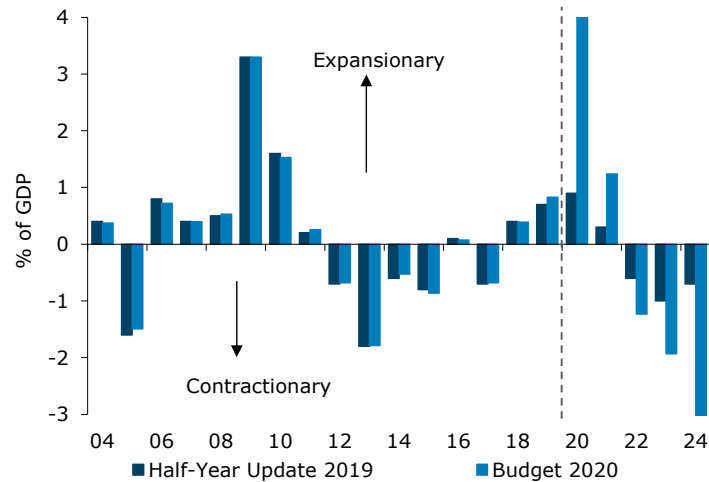


Source: Statistics NZ, The Treasury, ANZ Research

The real question is: do we think today's Budget announcements present an upside risk to our economic outlook? Broadly speaking, the answer is no.

But that's not to say stimulatory fiscal policy isn't going to play a significant role in the years ahead – it most certainly is! But it's also no panacea. The Treasury's fiscal impulse estimate shows just how stimulatory fiscal policy is set to become (figure 2). However, it's up against a very weak global backdrop, extremely low business confidence, high unemployment and weaker household incomes.

Figure 2. Fiscal impulse



Source: The Treasury

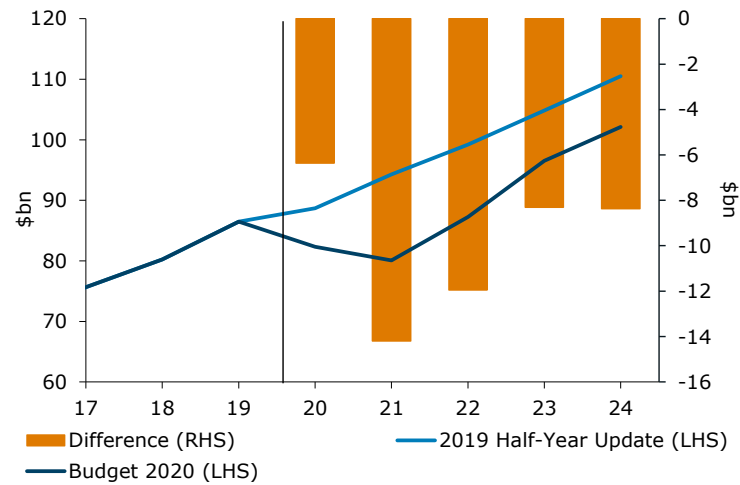
To demonstrate uncertainty around the outlook, the Treasury has leaned heavily on economic scenarios. It's worth noting that their central forecast does not capture today's full fiscal package. Rather, it assumes \$35 billion of discretionary fiscal support, so given the size of the Budget package was a little larger than that, they will likely be seeing small upside risks to their forecasts.

A significantly weaker economy means a much smaller tax take...

The Treasury's central forecasts show the Government is expected to receive around \$50bn less tax revenue over the five years to June 2024 compared to the Half-Year Update last December. While this is forecast off a highly

uncertain economic outlook, there's no missing the key signal here: revenue from all major tax types will be significantly weaker going forward.

Figure 3. Change in core Crown Tax Revenue

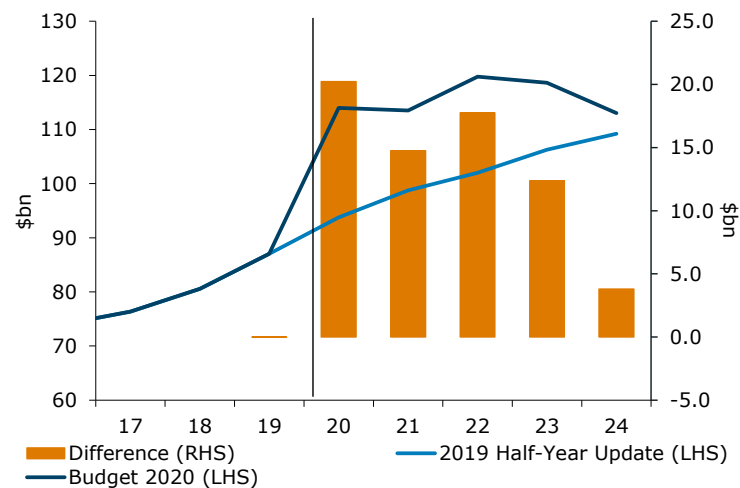


Source: The Treasury

...and with spending poised to lift markedly...

Discretionary spending decisions alongside automatic stabilisers (ie welfare payments) will see core Crown expenses lift markedly. Compared to the Half-Year Update, core Crown expenses are forecast to be around \$70 billion higher between the 2020-2024 fiscal years (figure 4).

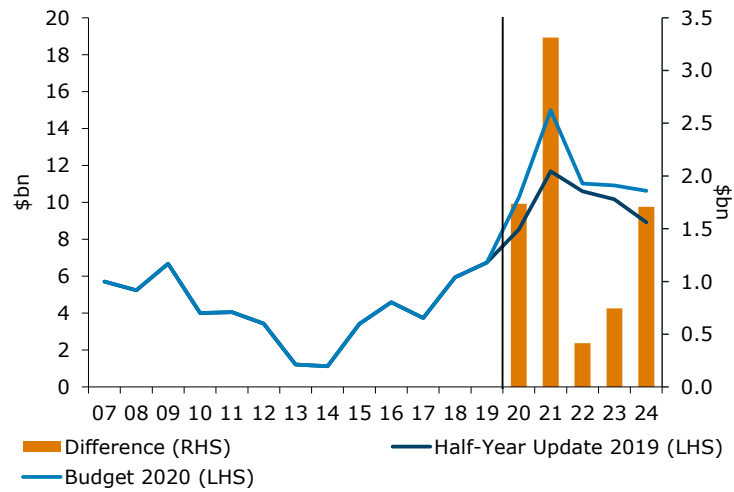
Figure 4. Core Crown expenses



Source: The Treasury

Government investment is also getting a boost (figure 5), some of it in addition to the Half-Year Update, and some of it being brought forward from the out-years. But even with labour market slack opening up and the recent loosening of the RMA, it will be challenging to get this implemented as quickly as hoped. Planning also takes time.

Figure 5. Net core Crown capital cash flows

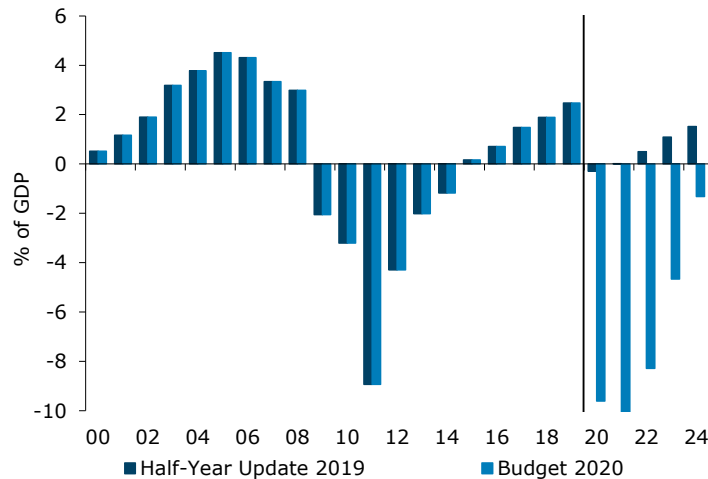


Source: The Treasury

...means large deficits and a sharp rise in debt

Total Crown operating deficits (before gains and losses) (ie. OBEGAL) are expected over the entire forecast horizon to June 2024. As expected, the books hit peak OBEGAL deficit in the 2021 fiscal year (at 10.1% of GDP) and are expected to narrow to 1.3% of GDP by 2024. Should the outlook unfold in line the Treasury's central forecasts and the Government maintain this trajectory, we could be having a surplus party in 2025. But given the economic risks, that feels a little optimistic.

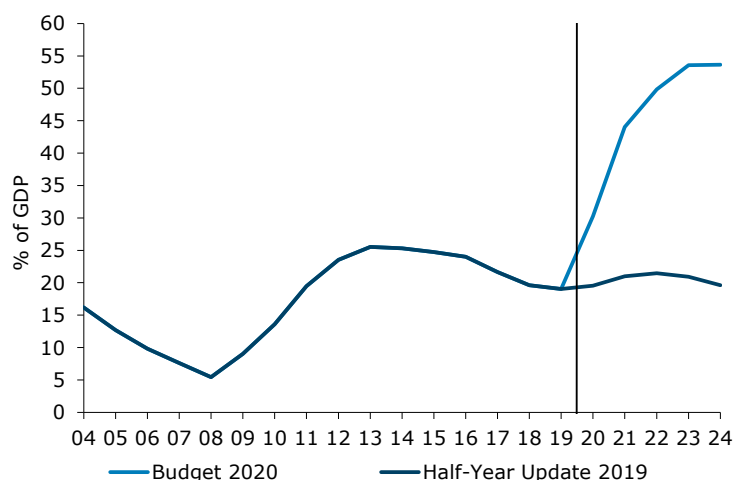
Figure 6. Total Crown OBEGAL



Source: The Treasury

Where there's deficits, there's debt (or fewer assets, but in this case, debt). As a share of GDP, net core Crown debt is forecast to spike higher from 19.0% of GDP in the 2019 fiscal year to a peak of 53.6% in 2023 (and be stable in 2024, figure 7). This is a touch higher than we anticipated.

Figure 7. Core Crown net debt



Source: The Treasury

Total borrowings are forecast to grow from \$110.2 billion in 2019 to \$317.3 billion in 2024. At the Half-Year Update this was forecast at \$145.3bn in 2024. Total borrowings aren't part of the Government's suite of fiscal strategy indicators, but it's a very important metric from both the taxpayers' and rating agency's perspective. That's because it captures the spending decisions made outside of the core Crown accounts (such as by Housing New Zealand) for which we are all potentially on the hook.

The funding strategy

To fund it all, New Zealand Debt Management (NZDM) have lifted their bond issuance guidance – significantly! Total issuance of \$190 billion over 2020-2024 is \$45 billion higher than we expected. There is no change to the current fiscal year's guidance of \$25 billion. Debt Management have also lifted the \$12 billion tranche in existing nominal bond lines to \$18bn.

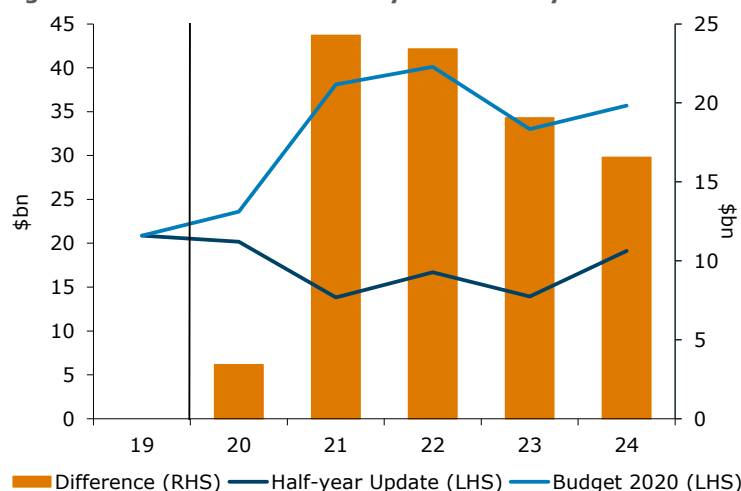
The marked lift to bond issuance adds to the risk we see that expansion in the RBNZ's LSAP programme may be required.

Table 1. Bond issuance guidance

	Jun-20	Jun-21	Jun-22	Jun-23	Jun-24
Budget Update 2020	25	60	40	35	30
Half-Year Update 2019	10	10	8	8	6

Uncertainty around the Government's funding requirements mean that NZDM have a bit of a buffer built into their guidance. Financial assets held by the Treasury are forecast to be significantly higher than at the Half-Year Update over the forecast horizon, but some of that will be provisioned for rolling over shorter-dated bonds (figure 8).

Figure 8. Financial assets held by the Treasury



Source: The Treasury

Given funding requirements are highly uncertain at present, NZDM have signalled they will maintain a flexible approach to T-bill issuance (outstandings are assumed to remain at \$10bn over the forecast period) and can fall back on their RBNZ overdraft and Euro Commercial Paper programme. In other words, there is plenty of wiggle room.

All about jobs, but more is needed

The Government expects today's announcements mean employment can return to pre-COVID levels within two years. That feels very optimistic. This economic crisis is like nothing we've seen before – it's literally shaping up to be a proverbial one in one hundred year event. The magnitude of this shock really requires a kitchen sink approach – and it's clear that the Government (and Reserve Bank) have more work to do.

There is a real trade-off between fast policy and good policy; and also between maximising short-term employment and maximising longer-term wellbeing, which requires productivity growth. We learned in the 1970s and 1980s that focusing on jobs as an end in themselves does not lead to great outcomes. We do not want to start a new industry digging holes and filling them in. That said, limiting the rise in the unemployment rate is a powerful way to limit the nasty social outcomes (such as poverty, mental health, general health, domestic violence and other crimes) that typically accompany severe economic downturns.

In such dire circumstances we should be asking if there is more on the policy front that the Government could be doing to guide the economy back to full employment. There is, but there's no such thing as a free lunch. It might be unpalatable in some regards, but a flexible approach to labour market regulation could yield net benefits great enough to at least warrant the discussion. Minimum wage rises have been a substantial cost to firms, and at the current juncture will likely be a significant drag on household incomes, as the loss owing to higher-than-otherwise unemployment will be greater than the gain to those earning at the minimum level. [The Ministry of Business Innovation and Employment estimate](#) that the recent minimum wage rise came at the cost of around 6500 jobs. That number is likely much higher now that the economy is in the midst of a severe crisis – and particularly in sectors such as retail, tourism and hospitality that are heavily exposed to the minimum wage and severely impacted by the crisis. The wage subsidy has, and will continue to mitigate the unemployment impacts in the short run, but this is a costly approach.

The Government has other levers it can pull (taxes and transfer payments) to maintain or increase incomes at the lower end of the spectrum, while simultaneously reducing the minimum wage burden on firms. This would keep more people connected to the labour market. Importantly, it's younger workers (those who in time will be picking up most of the tax tab for all this) who are most likely to be adversely affected by restrictive labour market regulation as they are the ones who will struggle to find meaningful employment. The training and apprentice package will certainly help, but it's not a game changer.

Labour market reform doesn't have to stop there. Incentives to hire during the recovery phase could be lifted by temporarily compensating businesses for taking on unemployed workers while they learn the ropes (a different approach to wage subsidies). Employment law could be tweaked to mitigate the risk businesses take on when hiring new staff in this highly uncertain environment. These are just ideas, not policy prescriptions, but if the aim is to protect jobs and boost employment then anything that could help should be put on the table. Such changes only need to be in place until the labour market is back on its feet again. We think that the economic situation is so dire that such tweaks should be considered in addition to the existing policy prescription, and not cast as a substitute for it.

How did the market take it?

Bonds and the NZD have reacted very negatively to today's announcements. Looking forward, the main issue will be digesting the additional bond issuance flagged today, with the \$60bn of issuance over the next fiscal year well above ours and others' estimates. Issuance in the outer fiscal years is also significantly larger, and will take the amount of bonds (nominals and linkers) on issue to around \$141bn by the end of fiscal 2020/21, and total outstandings peaking at around \$225bn in fiscal 2023/24 (depending on the assumed composition of issuance). With tranche line ceilings increasing to \$18bn (from \$12bn) the pressure will be felt across the curve. We will also see the return of linker issuance, comprising \$1-2bn of the \$60bn total issuance, as well as two syndications.

The Budget also noted that Kāinga Ora will be borrowing an additional \$5bn over coming years, which will put further supply pressure on the bond market. Bottom line: this is a lot of bonds for the market to absorb, and many will now be looking across the road to Number 2 The Terrace over coming weeks, wondering whether the RBNZ will expand its QE programme even further to accommodate the additional bond supply. It adds to the risk that that more QE may be required in time, but there are upside risks too, and we will wait to see how developments and unfold before forming a firm view on that. The fiscal boost could be argued as a positive for the NZD in that it's larger than expected, but the fact that it's debt funded does diminish its appeal somewhat, leaving us a bit circumspect.



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. In addition, ANZ has a representative office (**ANZ Representative Office**) in Abu Dhabi regulated by the Central Bank of the UAE. The ANZ Representative Office is not permitted by the Central Bank of the UAE to provide any banking services to clients in the UAE.

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>