New Zealand Government Budget 2020.

14 May 2020



New Zealand Budget 2020 - A bold move.

- The Government has significantly expanded its Covid-19 economic support and recovery package, bringing it to a combined \$62bn or around 20% of annual GDP.
- We think that going hard and going early is the right response, to reduce the long-term impact of Covid-19 on the economy.
- But being bold is risky. This could saddle future taxpayers with onerous debts.
- We expect that low interest rates will keep the debt burden manageable, but that would change if interest rates rose.
- The Treasury's forecasts seem too optimistic on the long-run outlook. If Covid-19 scars the economy as we expect, the debts could be harder to repay.
- The fiscal support package is generally timely and well-targeted, but may not prove temporary.
- Today's announcement was more stimulatory than we expected. That diminishes the case for more monetary stimulus via a negative OCR.

Dominick Stephens, Chief Economist

Michael Gordon, Senior Economist

Satish Ranchhod, Senior Economist

The 2020 Budget was dominated by the Government's response to the Covid-19 pandemic. With the world economy facing its biggest shock since the Great Depression, the required fiscal response was inevitably going to be well beyond anything seen in our lifetimes. Indeed, it turned out to be even larger than we had allowed for.

With today's announcements, the Government has committed a total of \$62bn for economic support and recovery, equivalent to around 20% of annual GDP. Of this, around \$26bn had already been announced before today's Budget, another \$16bn was unveiled today, and the remaining \$20bn will be allocated to specific programmes at a future date.

The package will require a significant lift in Government borrowing over the coming years. The bond issuance programme has been expanded to \$190bn over five years, compared to \$42bn in the Half-Year Update in December. Net core Crown debt is expected to rise from around 20% currently to a peak of 53.6% of GDP, close to the record high that New Zealand reached in the early 1990s.

The Government has chosen to go hard and go early in its response. On the whole we think this was the right thing to do – the economy needs support, and the Reserve Bank is struggling to provide it. This Budget will reduce the risk that Covid-19 causes permanent damage to the economy, and opens a much clearer path to recovery.

But this approach is not without its risks. New Zealand has long been staring down the barrel of massive increases in Government spending due to the aging population. That means future governments will either have to spend less or tax more, which could sap the economy's dynamism. Taking on more debt now puts us in an even weaker position to deal with this challenge. We, and most other economists, expect interest rates to remain low for some time. But if interest rates were to unexpectedly rise, the debts being taken on today could become a very heavy burden to future taxpayers.



We've noted before that to mitigate these risks, fiscal stimulus measures should be timely, targeted and temporary. Today's Budget generally scores fairly well on these criteria, though it's not perfect. There's no question about timeliness – the additional spending is heavily front-loaded to support households and businesses during the downturn, and then to hasten the speed of recovery. The spending was also fairly well-targeted, with the wage subsidy available to only the hardest-hit firms. But we are not so sure that the measures announced today are sufficiently temporary.

The Government has set itself the ambitious target of bringing the unemployment rate down to its pre-Covid level of 4.2% within two years, from a peak of 9.8% this year. To that end, a lot of the measures announced today had a focus on job support and creation:

- The wage subsidy scheme has been extended for an additional eight weeks for those firms that can show a 50% drop in revenue (the criteria for the first 12 weeks was a 30% drop). While not stated explicitly, this is most likely to cover firms in the tourism and hospitality sectors.
- An initial \$3bn increase in infrastructure spending, and funding to build 8,000 more public houses, to stimulate the construction sector and create jobs.
- \$1.6bn for trades and apprenticeship training.
- \$1.1bn for jobs in environmental projects.
- Expanding the free and healthy school lunch programme. A worth initiative in itself, but again described in terms of the jobs created.

Some of this is very good – for instance, funding for training will allow workers to pivot away from sectors where the Covid-19 pandemic will have long-term impacts, such as tourism. However, government job creation schemes, however 'temporary' they may be, often prove hard to back away from, so some of these schemes could become permanent. Of course, other aspects of recent Government spending decisions have not been temporary at all – such as the tax changes, benefit increases, and increases in health spending.

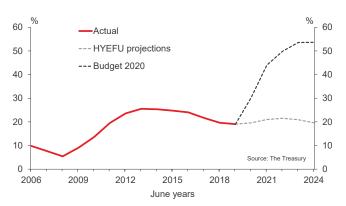
Our misgivings about Governments having to wind back spending or increase taxation is accentuated by the Treasury's economic forecasts. As the next section describes, we think the Treasury is too optimistic on the long run outlook for the economy. If the economy actually ends up smaller than the Treasury is factoring in, then today's debts will prove harder to repay.

A general risk with using fiscal policy to provide stimulus to the economy is lack of flexibility. If the Reserve Bank finds it has overstimulated the economy, it can easily reverse course by increasing interest rates. Governments cannot fine-tune in this way. The current economic situation is especially uncertain. While we and most other economists believe that the size of the impending economic downturn requires massive stimulus, we could be wrong. If the economy does prove surprisingly resilient, the Government could find that it has overstimulated the economy. Leaving \$20bn of the

support and recovery fund unspent does mitigate this risk – in theory, some of that spending could be cancelled. But if the Government did end up providing too much stimulus, the RBNZ would have to run with tighter monetary policy than otherwise.

The overall size of the stimulus measures announced today was larger than we expected, and larger than what the Reserve Bank assumed in this week's *Monetary Policy Statement*. That casts some doubt on our forecast of a negative OCR, for two reasons. First, more fiscal stimulus means less need for additional monetary stimulus. Second, more Government debt issuance gives the RBNZ more scope to buy Government bonds and expand its quantitative easing programme rather than lowering the OCR.

Net core Crown debt as a % of GDP



Budget 2020 economic forecasts

	()									
	2019 (a)	2020	2021	2022	2023	2024				
	Actual	F/cast	F/cast	F/cast	F/cast	F/cast				
Economic (June years, %)										
Real GDP growth	2.8	-4.6	-1.0	8.6	4.6	3.6				
Unemployment rate	4.0	8.3	7.6	5.7	5.2	4.8				
CPI inflation	1.7	1.3	0.8	1.5	1.8	1.9				
Current account balance	-3.4	-2.0	-5.7	-4.2	-3.8	-3.6				
Fiscal										
(June years, % of GDP)										
Total Crown OBEGAL	2.4	-9.6	-10.1	-8.3	-4.7	-1.3				
Net core Crown debt	19.0	30.2	44.0	49.8	53.6	53.6				
(June years, \$ billion)										
Core Crown revenue	93.5	89.5	87.0	94.6	104.0	109.9				
Core Crown expenses	87.0	114.0	113.5	119.8	118.6	113.0				
Bond programme	-	25	60	40	35	30				

Economic Forecasts: The Treasury and Westpac.

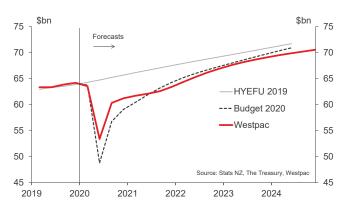
The Treasury's near-term forecasts are similar to ours. The Treasury assumes a sharper downturn through mid-2020, but that's followed by a faster pickup. Overall, our forecast for the coming year are quite similar. Note that neither the Treasury's central forecasts nor our forecasts fully account for the size of the Government's spending package, which was much bigger than expected and will tend to accelerate the recovery.

However, Treasury's longer-term forecasts appear too optimistic to us. The Treasury has assumed that overall economic activity will rise back towards its previous trend as we approach the middle part of the decade. In contrast, we expect that the economy will be left with some long-lasting scars from the current downturn. The legacy of Covid-19 will sap productivity growth in the 2020s due to factors such as reduced investment, lost skills due to unemployment, domestication of supply chains and increased barriers to trade and travel. There's also the likelihood of higher taxation in future years to repay the current increases in Government spending. As a result, we're more doubtful that the economy will get back to its pre-Covid-19 trend. And that means that the debt we are taking on now will need to be repaid by a smaller economy than the Treasury expects.

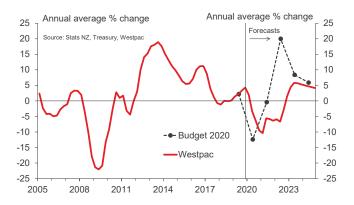
Digging into the details of the Treasury's forecast a couple of areas stand out. First is residential investment. The Government did announce spending on 8,000 new public and transitional homes. Even so, the pick up in home building the Treasury is forecasting looks unrealistically fast to us. We expect that reductions in privately funded home building will drag down residential investment through 2021 and will also cap the pace of recovery further ahead.

The Government is also planning to ramp up infrastructure spending and has been searching for 'shovel ready' projects. But while there is a large pipeline of planned work, we expect that many of the planned projects will be slow to get off the ground, as we have seen with many other projects in recent years.

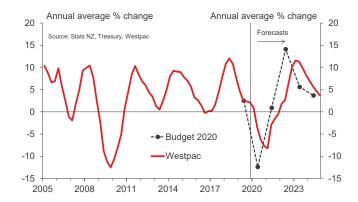
Real GDP level



Residential investment



Non-residential investment



Economic Forecasts: The Treasury and Westpac

	Actual			Treasury					Westpac		
June years	2019	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Real GDP growth	2.8	-4.6	-1.0	8.6	4.6	3.6	-2.8	0.0	4.2	5.2	3.1
Annual CPI inflation*	1.7	1.3	0.8	1.5	1.8	1.9	1.6	1.3	0.8	0.9	1.3
Unemployment rate*	4.0	8.3	7.6	5.7	5.2	4.8	9.5	7.4	6.5	5.3	4.7
Nominal GDP growth	3.6	-3.0	0.0	11.6	7.3	6.2	0.0	1.4	6.0	6.9	4.8
90-day interest rate**	1.7	0.5	0.5	0.5	0.5	0.5	0.3	-0.2	0.4	1.0	1.5
TWI exchange rate**	72.7	66.0	67.1	68.1	68.2	70.0	67.5	70.4	72.0	72.4	72.6

^{*}Quarter over same quarter last year, **Quarter average

Contact the Westpac economics team.

Dominick Stephens, Chief Economist

+64 9 336 5671

Michael Gordon, Senior Economist

+64 9 336 5670

Satish Ranchhod, Senior Economist

+64 9 336 5668

Paul Clark, Industry Economist

+64 9 336 5656

Any questions email:

economics@westpac.co.nz

Past performance is not a reliable indicator of future performance. The forecasts given in this document are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

Disclaimer.

Things you should know

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141

Disclaimer

This material contains general commentary, and market colour. The material does not constitute investment advice. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This information has been prepared without taking account of your objectives, financial situation or needs. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts. and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

Australia: Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a wholesale client of Westpac.

New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address www.westpac. co.nz. For further information please refer to the Product Disclosure Statement (available from your Relationship Manager) for any product for which a Product Disclosure Statement is required, or applicable customer agreement. Download the Westpac NZ QFE Group Financial Advisers Act 2008 Pisclosure Statement at www.westpac. Disclosure Statement at www.westpac.co.nz.

China, Hong Kong, Singapore and India: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the China, Hong Kong, Singapore and India: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Rong Branch holds a banking license and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Rong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking and Insurance Regulatory Commission (CBIRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

UK: The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiffi in the UK (as Branch No. BR00106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and tregulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant persons should not act or rely on this communication or any of its contents. The investments owhich this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Conduct Authority and is not intended for "retail clients". With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed,

directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation(EU) 596/2014).

Investment Recommendations Disclosure

The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12

We stpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- Chinese Wall/Cell arrangements:
- physical separation of various Business/Support Units;
- and well defined wall/cell crossing procedures;
- a "need to know" policy;
- documented and well defined procedures for dealing with conflicts of interest;
- steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.

U.S: Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission ("CFTC") as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC ("WCM"), a Wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 ("the Exchange Act and member of the Financial Industry Regulatory Authority ("FINRA"). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accept responsibility for the contents of this communication. All disclaimers set out with respect to Westpac responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominants a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. self-regulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.