

Treasury Report: Addressing the fiscal outlook: consolidation option

Date:	27 February 2009	Report No:	T2009/418
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Action Sought

	Action Sought	Deadline
Minister of Finance (Hon Bill English)	Note advice on design and impact of consolidation option	Monday 2 March
	Discuss next steps with officials	

Contact for Telephone Discussion (if required)

Name	Name Position		1st Contact
[deleted – privacy]			✓
Mark Sowden	Manager, Macro Policy	[deleted – privacy]	
Bill Moran	Manager, Tax Strategy	[deleted – privacy]	

Minister of Finance's Office Actions (if required)

None.		

Enclosure: No

Treasury:1238344v1

Treasury Report: Addressing the fiscal outlook: consolidation option

Executive Summary

In the context of considering options to address the projections of a rapidly deteriorating fiscal outlook, you have asked for some advice about a particular package of options:

- Cancelling the personal tax cuts scheduled for April 2010 and April 2011, and providing a one-off payment in July 2009 equivalent to the full annual cost of those two tranches of tax cuts;
- ii. Taking a contributions holiday from the NZ Super Fund for eight years; and
- iii. Reducing new spending in future Budgets from \$1.75 billion to \$1 billion, either for a three year period or permanently.

This report demonstrates the impacts of this package on the fiscal outlook; discusses options around how the one-off payment could be designed; and sets out our views on the package as a whole.

Views on the package

There are a range of factors to consider when thinking about the package, including:

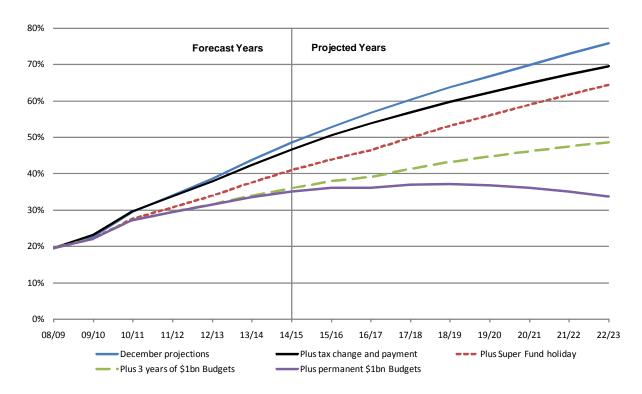
- i. Does the package improve the fiscal outlook;
- ii. Is the package likely to be seen as credible by rating agencies and the financial sector more generally;
- iii. How well does the package deliver stimulus to the economy during the recession;
- iv. What does the package do for economic growth and incentives;
- v. How much does the package help longer-term fiscal pressures;
- vi. What are the impacts of the package on different segments of society; and
- vii. Any operational or administrative considerations.

The package has a number of positive features across several of these factors. The package would make a credible, significant improvement in the fiscal outlook. It would be a visible illustration of the government's resolve to fix the fiscal outlook. We do consider there to be elements of existing government spending that could be reduced in place of cancelling the tax cuts. We also note that that the one-off payment would weaken the signalling effect of the consolidation insofar as it worsens the fiscal outlook in 2009/10. Regardless, if this package of options is advanced, we think it would be important to reinforce the message that the government retains an agenda for medium-term tax reform.

Impact on the fiscal outlook

There are important caveats to note around the costings below. First, they take the *December Update*'s downside scenario as a base; we now expect the outlook to be materially worse than that. Second, they do not build in macroeconomic feedbacks, which would be expected to temper the fiscal consolidation slightly.

Under the *December Update*'s downside scenario, gross debt is projected to rise to 76% of GDP by 2022/23. Using this as a base, the graph and table below show the sequential impact of the different components of the package on gross debt.



To be clear, the chart shows the <u>cumulative</u> impact of the various changes on gross debt, i.e. the tax cut change would reduce gross debt by 6%; the Super Fund holiday would reduce it by a further 5%, etc.

Component of package	Reduction in gross debt/GDP in 2022/23				
	Permanent \$1bn Budgets	3 years of \$1bn Budgets			
Cancelling tax cuts and providing one-off payment	6%	6%			
NZSF contributions holiday for 8 years	5%	5%			
Reducing size of future Budgets	31%	16%			
Total impact	42%	27%			
Revised GSID/GDP in 2022/23	34%	49%			

Clearly the change that has the biggest impact on the fiscal outlook is changing the allowances for future Budgets. This is because each Budget that is cut from \$1.75 billion to \$1 billion saves \$750 million per annum. Contrast this with cancelling the tax cuts, which delivers one tranche of savings of around \$1 billion per annum.

Design options for the one-off payment

We estimate the full-year impacts of cancelling the 1 April 2010 and 1 April 2011 tax cuts to be as set out in the table below.

\$ millions							
2009/10 2010/11 2011/12 2012/13							
105 553 956 999							

We have accordingly considered design options for providing a one-off payment of \$1 billion in July 2009. We have developed four options around the design of the one-off payment:

- i. Universal: all adults receive an equal lump-sum payment;
- ii. All beneficiaries and superannuitants receiving a lump-sum payment;
- iii. Hybrid: superannuitants and beneficiaries receive one amount, all other adults receive another amount; and
- iv. Income-tested: all individuals will annual earnings between (say) \$100 and a specified maximum amount receive an equal lump-sum payment.

The size of payments that could be made for \$1 billion are set out below. (Income-tested options are set out in the body of the report as they are more complex.) There is further detail in the body of the report about variations on payment size and associated fiscal cost.

Option	Size of payment
Universal (all adults)	\$300
Beneficiaries/superannuitants	\$1200
(assuming couples paid 1.5x single rate)	
Hybrid	NZS/benefits: \$200
	Other adults: \$400

Once you have considered this advice, we would welcome the opportunity to discuss it with you and consider next steps.

Recommended Action

We recommend that you:

- a **note** our advice about the package of options for fiscal consolidation; and
- b **discuss** next steps with officials.

Mark Sowden Manager, Macro Policy for Secretary to the Treasury

Hon Bill English

Minister of Finance

Treasury Report: Addressing the fiscal outlook: consolidation option

Purpose of report

- 1. You have asked us for some advice about a particular package of options to improve the government's fiscal outlook. This report:
 - i. demonstrates the impacts of this package on the fiscal outlook;
 - ii. discusses options around how the one-off payment could be designed; and
 - iii. sets out our views on the package as a whole.

Package of options

- 2. You have asked us to provide analysis around the following package of options:
 - Cancelling the personal tax cuts scheduled for April 2010 and April 2011, and providing a one-off payment in July 2009 equivalent to the full annual cost of those two tranches of tax cuts;
 - ii. Taking a contributions holiday from the NZ Super Fund for eight years; and
 - iii. Reducing new spending in future Budgets from \$1.75 billion to \$1 billion, either for a three year period or permanently.

Views on the package

- 3. There are a range of factors to consider when thinking about the package as a whole, including:
 - i. Does the package improve the fiscal outlook;
 - ii. Is the package likely to be seen as credible by rating agencies;
 - iii. How well does the package deliver stimulus to the economy during the recession;
 - iv. What does the package do for economic growth and incentives;
 - v. Does the package help longer-term fiscal pressures;
 - vi. What are the impacts of the package on different segments of society; and
 - vii. Any operational/administrative issues.
- 4. Some brief views on each of these considerations are set out below.

Improving the fiscal outlook

- 5. The package would make a marked improvement to the fiscal outlook over the medium term. Under the most ambitious option (i.e. including reducing all future Budgets to \$1 billion), gross debt would be brought back from 76% of GDP to 34% of GDP, and debt/GDP would have stabilised and be falling.
- 6. Even under this option, we would not return to running operating surpluses until 2017/18, i.e. nine years of deficits. In addition, it is worth noting that the inclusion of the one-off payment of \$1 billion in July 2009 would worsen the fiscal outlook in the immediate short term. This matters more for signalling and for short-term consolidation than for medium-term consolidation.
- 7. We would note that while the changes would make a large improvement compared with doing nothing, there may well be preferable packages that would deliver the same or better levels of consolidation. For instance, as we have discussed with you previously, we consider there to be a number of areas of existing government spending that do not deliver particularly good value for money. These could be considered as a consolidation option ahead of cancelling the two tranches of tax cuts.

Credibility

- 8. There are two factors to consider here: (i) is the package credible in terms of the government's perceived ability to actually deliver the changes (for instance, will the government be able to live within permanently lower Budget allowances?); and (ii) would rating agencies consider the kind of improvement in the fiscal outlook that this package would deliver to be sufficient to avoid a ratings downgrade.
- 9. It is difficult to give definitive answers about these questions. In our view if the government were to cancel the tax cuts this would be seen as a strong sign that it was serious about addressing the fiscal outlook and was prepared to make tough calls. If this were combined with the government signalling how it intends to live within constrained future spending limits (enforcing wage restraint in the public service, putting pressure on chief executives to manage baselines effectively etc.), these would help to make a case. On the question of sufficiency it is difficult to tell; it is worth remembering in this context that we do expect the fiscal outlook to deteriorate materially from that set out in the *December Update*'s downside scenario.

Stimulus during recession

- 10. Providing a one-off payment of \$1 billion in July 2009 would bolster the considerable stimulus already being provided to the economy through fiscal policy, interest rate reductions and exchange rate depreciation. The stimulus would perform reasonably well in terms of the "timely, temporary and targeted" metric. However the extent to which stimulus is effective in stimulating aggregate demand depends on a range of factors: who is the payment targeted at and what is their marginal propensity to consume; will that consumption be spent on domestic or imported goods, etc.
- 11. It can be difficult to target stimulus at those most likely to spend it. For instance, our analysis of the previous government's tax package was that many low income individuals live within higher income households who might be expected to have a lower propensity to consume.

Economic growth and incentives

12. The proposed abandonment of the tax cut package potentially undermines the government's medium term objective of reducing and aligning personal, corporate and investment tax rates at a maximum rate of 30%. However the abandonment of the IETC extension, threshold changes and the 21% rate cut would have little immediate impact on medium term objectives. Furthermore, it could, via released savings, provide an opportunity for a more comprehensive medium-term tax package in the 2010 or 2011 Budget.

Helping longer-term pressures

13. To the extent that the package would significantly improve the medium-term fiscal outlook, it would help to meet longer-term fiscal pressures. This is potentially tempered by the inclusion of a protracted contributions holiday from the NZ Super Fund, which may send negative signals about the government's willingness to address longer-term fiscal pressures.

Differential impact

14. The major element of the package with differential impacts is around the changes to personal tax. These impacts could potentially be ameliorated through the design of the one-off payment, i.e. it could be designed to be targeted to mimic the differential effects of the tax cuts themselves. As discussed above, this is likely, however, to be in conflict with aims around wanting an effective fiscal stimulus.

Operational/administrative issues

- 15. There are two particular issues to highlight here. The first is around the administration of the one-off payment. The more universal and less targeted the payment, the simpler it would be to administer.
- 16. The second relates to the impact of the Super Fund contribution holiday on the Fund itself. We understand that [deleted privacy] has met with you recently to discuss these points, so we do not cover them in any depth here. Briefly, they relate to precommitments that have liquidity implications in future years; vintage diversification; reputation with investors; attractiveness of the Guardians as an employer; and the investment opportunities that may be presented by the current crisis.

Overall

17. In our view the package has a number of positive features. The package would make a credible, significant improvement in the fiscal outlook. It would be a visible illustration of the government's resolve to fix the fiscal outlook. We do consider there to be elements of existing government spending that could be reduced in place of cancelling the tax cuts. We also note that that the one-off payment would weaken the signalling effect of the consolidation insofar as it worsens the fiscal outlook in 2009/10. Regardless, if this package of options is advanced, we think it would be important to reinforce the message that the government retains an agenda for medium-term tax reform, despite abandoning the current tax package.

18. We have developed costings of the proposed changes, and modelled these through the Treasury's medium-term fiscal strategy model.

Personal tax costings

- 19. Briefly, we have costed the cancellation of the 2010 and 2011 tax cuts as follows:
 - We have used Taxwell, using 2007/08 HES data, and the *December Update* downside scenario for forecast assumptions. NZS payments are derived from a married couple figure of 66% of the net average wage floor.
 - ii. When the tax cuts were implemented last year we assumed a 15.6% clawback (i.e. people will spend a portion of the tax cuts, some of which we will collect back in GST, etc.).
 - iii. We have used Inland Revenue's previous costing of the Independent Earner Tax Credit, which is roughly \$120 million per year for a \$5 tax credit.
- 20. These assumptions yield the following fiscal savings from cancelling the tax cuts:

\$ millions							
2009/10 2010/11 2011/12 2012/13							
105	553	956	999				

21. Further variations on cancelling components of these tax cuts are below:

Savings (\$m) if unwind:	2009/10	2010/11	2011/12	2012/13	Result
					1 Apr 10 rates/thresholds continue on to 2011 and
Tranche 3	0	120	484	500	beyond (IETC \$15/wk)
					1 Apr 09 rates/thresholds continue on to 2010 and
Tranches 2 and 3	105	553	956	999	beyond (IETC \$10/wk)
					1 Apr 09 rates/thresholds continue except middle
Tranche 3 and 37%	30	244	621	652	threshold to \$50k and IETC to \$15/wk from 1 Apr 2010
					1 Apr 09 rates/thresholds continue except top rate to
Tranche 3 + \$50k + IETC \$15	75	428	819	847	37% (IETC \$10/wk)

- 22. On this basis we have considered design options for providing a one-off payment of \$1 billion in July 2009 (this is the size of payment factored into the impact on the fiscal outlook below), as well as variations on this payment size.
- 23. At this point we have not built clawback assumptions into our costings of the \$1 billion one-off payment, i.e. we have not factored into our costing that some portion of the payments will make their way back into the government's coffers, because of uncertainty in the current climate about how people would use the lump-sum payments and given that design options around the payment are still open. We can improve this assumption as we go further through this process.

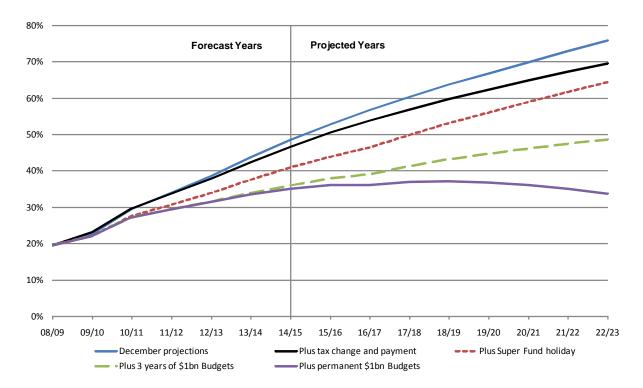
Other costings

24. The costings for contributions holidays from the NZ Super Fund and changes to future Budget allowances are straightforward and we have been able to model the impacts of these directly in our medium-term fiscal strategy model.

Impact of changes on the fiscal outlook

- 25. There are some important caveats to note around the costings below. In particular:
 - i. They take the *December Update*'s downside scenario as a base; we now expect the outlook to be worse than that.
 - ii. They do not build in macroeconomic feedbacks: cutting spending and increasing tax would dampen consumption, meaning lower GDP and a lower tax take. This would be partially offset by savings through items of government spending that are CPI-indexed, such as benefits.
- 26. Under the *December Update*'s downside scenario, gross debt is projected to rise to 76% of GDP by 2022/23. Using this as a base, the graph and table below show the impact of the different components of the package on gross debt.

Impact of package on gross debt

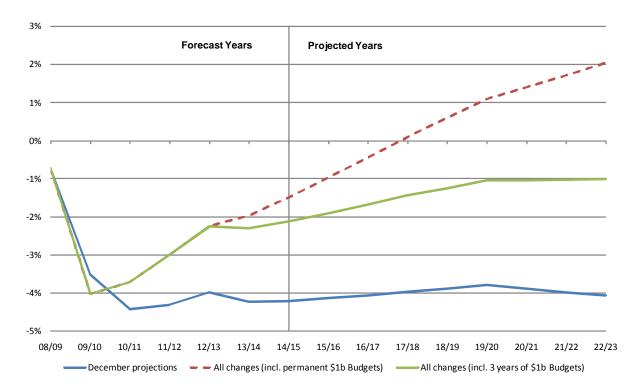


27. To be clear, the chart shows the <u>cumulative</u> impact of the various changes on gross debt, i.e. the tax cut change would reduce gross debt by 6%; the Super Fund holiday would reduce it by a further 5%, etc.

Component of package	Reduction in gross debt/GDP in 2022/23				
	Permanent \$1bn Budgets	3 years of \$1bn Budgets			
Cancelling tax cuts and providing one-off	6%	6%			
payment					
NZSF contributions holiday for 8 years	5%	5%			
Reducing size of future Budgets	31%	16%			
Total impact	42%	27%			
Revised GSID/GDP in 2022/23	34%	49%			

- 28. Clearly the change that has the biggest impact on the fiscal outlook is changing the allowances for future Budgets. This is because each Budget that is cut from \$1.75 billion to \$1 billion saves \$750 million per annum. Contrast this with cancelling the tax cuts, which delivers one tranche of savings of around \$1 billion per annum. Similarly, the Super Fund contributions holiday provides savings of around \$2 billion per annum for the eight years it is in force, i.e. \$16 billion in total (plus associated debt servicing cost savings).
- 29. The impact that the package would have on the outlook for net debt (including NZ Super Fund assets) is broadly similar, *except* in relation to the impact of the Super Fund contributions holiday. While the contributions holiday component of the package helps to reduce gross debt, it also reduces Super Fund assets, so it makes little difference to the net debt position.

Impact of changes on operating balance



30. As the chart above demonstrates, the option of permanently reducing future Budgets to \$1 billion is required to achieve operating balance surpluses, and this is not achieved until 2017/18. Under the less ambitious option of three years of \$1 billion Budgets, while the operating deficit is reduced, it is not eliminated.

Design options for the one-off payment

- 31. You have a range of options about how to design the one-off payment. We have considered the following options:
 - v. Universal: all adults receive an equal lump-sum payment. (An adult is defined as all aged 18 and over, and 15-17 year old independents.) Eligibility could be further restricted to adults located and resident in New Zealand.
 - vi. All beneficiaries and superannuitants receiving a lump-sum payment. This would include individuals receiving NZ Superannuation, benefits, or Working for Families tax credits.
 - vii. Hybrid: superannuitants and beneficiaries receive one amount, all other adults receive another amount.
 - viii. Income-tested. All individuals with annual earnings between (say) \$100 and a specified maximum amount receive an equal lump-sum payment.
- 32. Information about these options is set out on the following few pages: how many people would be eligible for payments; how large would the payments be, assuming different overall fiscal costs; what are some of the pros and cons of each of the options.

Option	Description and cos		Pros & Cons						
Option 1 -	All adults receive an		✓ Universal and individual basis						
Universal	15-17 year old indep	relatively easy to administer							
	(also applies to all opt	tions below).							✓ Lump-sum received by large
		Lump-su	m payr	<mark>ment based on ir</mark>	ncome				number of people
		Number	\$300	payment	\$500 paymer	00 payment \$1000 payment		yment	Higher income people more likely to save than spend –
	Universal	eligible:	¢051	m cost	\$1,586m cost		\$3,171m	ooot	reducing fiscal stimulus effect
	Universal	3,171,202	φ95 ι	III COSI	φ1,300III COSI		φ3, 17 IIII (COSI	Does not fully compensate
	[Note: For all optio \$6,342m]	ld cost	high-income earners in the short term for what the tax cuts would have delivered * Equity - families with more than one income earner would						
Option 2 – Target	Individuals receiving I eligible for a lump-sur	•	n, ben	efits, or Working	for Families ta	x cı	redits could	d be	receive more than one payment ✓ Targeting low income people more likely to have fiscal
beneficiaries	Lump-sum payment based for recipients NZS & benefits							stimulus effect	
and superannuitants		Singles		Couples	Total inc	divic	duals		✓ Can target couples through benefit system
Superamulants	Number →	494,97	75	225,077		945,129 Total cost (\$m)		:9	✓ If linked to receiving WFF,
		Single rate	Single rate Couple		Total cos				benefits and NZS relatively
	Option 1	\$1,200		\$1,800			99	99	simple to administer.
	Option 2	\$1,200		\$2,400			1,13	34	× IETC recipients (in the range
	Option 3	\$2,000		\$3,000			1,66	5	\$24k-\$48k) would not receive a lump-sum payment
	Lump-sum payment based for recipients of WFF, NZS & benefits								➤ No lump-sum payment for
		Singles Couples Total individuals						most middle-high income	
	Number	544,55	54	439,369			1,423,292	2	earners in the short term to compensate what the tax cuts
		Single rate		Couple rate	Total cos	st (\$	§m)		and IETC changes would have
	Option 1	\$1,000		\$1,500			1,20)4	delivered.
	Option 2	\$1,000		\$2,000			1,42	3	⋆ If not linked to receiving WFF,
	Option 3	\$750		\$1,500			1,06	7	benefits and NZS, administration
				_					difficulty increases with targeting.

	Costing assumptions: Benefits include in youth and widow Of couples where considered a benute in the considered in th	* If targeted to low income earners, high income earners may be entitled if they have a rental loss that reduces income to below the threshold.			
Option 3 - hybrid	Superannuitants and ber receive another. For exa		nount of lump-sum pay	ment, and all other adults	✓ Relatively simple to administer
	Lum	np-sum payment based fo	or recipients NZS & be	nefits	* Cannot easily target couples
		NZS + benefits	Other adults	Total individuals	in "other adults" category
	Number →				
	Scenario 1				
	Scenario 2	\$300	\$550	1,508	
	Scenario 3	\$400	\$200	823	

Option Income tested All individuals with annual earnings between a minimum (say \$100) and a specified maximum amount receive an equal one-off lump-sum payment. For example:

Lump-sum payment based on income								
		Number eligible	Total cost of payments (\$m)					
			\$	300	\$	500	\$	1,000
Income eligibility > \$100	No top limit	3,062,240		919		1,531		3,062
	<\$100k	2,938,267		881		1,469		2,938
	<\$70k	2,730,254		819		1,365		2,730
	<\$50k	2,315,453		695		1,158		2,315
	<\$20k	1,239,934		372		620		1,240
	<\$14k	630,611		235		391		782

- ✓ Lump-sum received by large number of people
- ✗ Income testing adds some complexity to administration **⊁**People with no personal taxable income would not receive the payment. This would include people in a loss position, or people who run their business through a company or trust and do not pay themselves taxable income.
- * Higher income people are more likely to save than spend reducing any fiscal stimulus effect
- ➤ Does not fully compensate high-income earners in the short term for what the tax cuts would have delivered
- ➤ Equity if targeted to lower income earners, high income earners may be entitled if they have a rental loss that reduces income to below the threshold * Equity - families with more
- than one income earner would receive more than one payment

Delivery considerations for one-off payment

- 33. The precise nature of how the payment could be delivered may depend on what lumpsum payment option is chosen. Detailed options for delivery/administration could only be drawn up in conjunction with Inland Revenue. Inland Revenue (and possibly MSD) would likely seek additional funding for administration.
- 34. One broad approach for delivering the lump-sum payments would be to require eligible persons to apply for the payment. (It is not possible to automate the payment for all people as the data required are not available). The application process could be webbased and applications could be made via third parties such as post shops and MSD offices.
- 35. The application would require the following information:
 - i. their personal details such as name and address, IRD number;
 - ii. confirmation that they meet the eligibility criteria; and
 - iii. their bank account details. (Direct crediting is preferable as it reduces administrative costs in dealing with stale and lost cheques.)
- 36. Current information could be used to contact potential recipients and provide them details as to how to apply. Where entitlement can be determined using current information (such as in receipt of a benefit), the payment should be automated.
- 37. If payments are being made via different processes (via both IRD and MSD), then it will be necessary to consider how to manage double dipping.
- 38. Legislation would be required to change the tax rates/thresholds and IETC one option is to include in budget night legislation under urgency. The earliest date for making lump-sum payments would depend on practically when it could be implemented by Inland Revenue and/or MSD.