MJW Survey - March 2014

Quarterly market overview

KiwiSaver

Wholesale funds & KiwiSaver results



May 2014

Market returns	Quarter (%)	Year (%)		Quarter (%)	Year (%)
NZX 50 (including imputation credits)	8.8	17.5	NZX NZ Government Bond	1.2	-1.7
S&P/ASX 200 (NZD)	0.3	-2.6	NZX Corporate A Grade	1.5	2.6
MSCI World - Local Currency	1.0	18.6	NZ All Swaps	1.6	-0.1
MSCI World - Hedged	1.5	21.0	Barclays Global Aggregate	2.7	3.7
MSCI World - Unhedged	-4.0	15.0	Citigroup WGBI	2.7	3.8
MSCI Emerging Markets - Unhedged	-5.6	-4.8	90 Day Bank Bill	0.7	2.7
NZX Property	1.3	-0.7	NZ \$ / US \$	5.4	3.6
UBS Global Property	7.1	5.7	NZ \$ / A \$	1.8	16.5

1 Quarterly market overview

NZ cash and fixed interest: NZ bonds continued to provide positive returns up 1.2% thanks in part to the yield on 10 year government stock remaining flat at 4.6% over the period. For the one year period, the return was a more disappointing -1.7%; in contrast the NZX Corporate A Grade Index assisted by a narrowing of spreads, returned 2.60% for the year. Those funds with a good exposure to global bonds continued to do better with the hedged BGA index returning 2.7% for the quarter and 3.8% for the year. Cash continued to achieve solid albeit sub - 3% returns at 2.7% for the year.

Australasian shares: NZ investors saw a return to a strong quarter, up 8.8%, with a more than respectable 17.5% for the year. The NZ investor in the Australian market saw a small positive return on the shares but with the NZ\$ continuing to strengthen the overall result was a 0.3% gain for the quarter. Over the 12 months the return was -2.6%. Key contributors to the strong NZ market were Kathmandu, Chorus, Fisher and Paykel Healthcare and Summerset Group.

Global bonds: Interest rates decided they had gone far enough in the run up to Christmas and 10 year US Treasuries retreated from 3.04% down to 2.73% over the quarter. The short end has changed little thanks to the Fed's message to the markets that it will resist any general rate rise despite continuing its tapering of its bond purchase programme. At the end of April this was down to \$45 billion per month.

Global shares: Global markets have continued to find new highs with the MSCI hedged gaining 1.5% for the quarter and 21.0% for the year. For the quarter the continuing rise in the NZ\$ saw a return of -4.0%. Emerging markets continued to struggle, down -5.6% for the quarter and -4.8% for the year.

2 KiwiSaver

With share markets flat and bond markets in positive territory the quarter saw the results for all the funds with their different risk profiles producing similar results of around the 1% to 1.5% level. The exception was the Milford Active Growth fund with its exposure to Australasian shares returning a very creditable 6.9% result. For the Growth and Balanced funds sector the best results were those of the ex-TOWER funds, rebadged as Fisher TWO, driven by strong results in their ex-TOWER International Share Fund.

For the 1 year period Mercer did well with their Growth, Balanced and Conservative Funds - all assisted in part by the good results from their exposure to the alternative asset sector and their Real Assets and Natural Resources Funds. Over the longer periods the results are consistent with the expectation that funds with higher exposure to the more risky assets (e.g. shares) will produce higher long term returns. The median Growth Fund achieved 12.3% compared to 6.9% for the Conservative Funds – but note that longer term this difference is unlikely to be sustainable. However, going back to inception of KiwiSaver and including the GFC sees the median return on Balanced Funds dropping from 10.1% to 4.7%.

The 5 year numbers for the Aon Russell Funds standout particularly. Russell has a strong bias to global bonds as opposed to NZ bonds and with the global bonds up 2% per annum on NZ bonds over this 5 year period the Russell Funds have benefited from this long term view and position. In its most extreme form the Aon Russell Conservative Fund has a 63.7% exposure to global bonds compared to a Fund average of 32.5%. Arguably a weakness of the Fund is its zero exposure to cash.

Looking at the ASB Funds, which are managed on a passive/index basis the results consistently lag the active funds in the survey. From July the default KiwiSaver providers will include Grosvenor as another passive option.

While the MJW survey has a limited number of KiwiSaver providers it covers 80% of the KiwiSaver market measured in terms of funds under management. It will be expanded next quarter to include the BNZ funds.

Wholesale Fund Returns

NI7 0 A	stralian Shares	FUM	3 mor	nths	1 ye	ar	3 yea	ars	5 yea	ars	10 ye	ars	3 y	ears	ра
NZ & AU	stralian Shares	\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
Australasiar	1														
AMPCI	Active ₁	482.8	8.0	(8)	15.0	(13)	14.8	(10)	15.8	(10)	9.9	(7)	2.8	-0.4	(10)
AMPCI	Strategic ₂	359.9	7.0	(13)	15.0	(14)	14.1	. ,	15.3	` '	11.0	(4)	4.0	-0.4	(12)
AMPCI	Responsible ₁	6.1	7.9	(9)	17.0	(9)	-	(. 0)	-	(/	-	(. /	-	-	(/
ANZ	Australasian Share ₁	533.6	10.1	(3)	21.4	(7)	17.1	(4)	17.2	(7)	11.2	(3)	1.8	0.7	(3)
ANZ	NZ Shares	106.3	10.3	(2)	22.2	(6)	18.6	(3)	18.0	(3)	10.1	(6)	1.7	1.6	(2)
CIP	NZ Equities ₁	50.2	5.9	(15)	13.8	(16)	13.6			(11)	-	(-)	3.8	-0.6	(14)
DEV	Equity Income ₁₊₃	54.3	5.7	(16)	15.6		-	(· · /	-	(,	_		-	-	(,
DEV	NZ Core ₁	124.8	8.4	(6)	22.6	(5)	16.6	(7)	-		-		3.1	0.2	(6)
FIS	Trans-Tasman₁	443.5	8.1	(7)	14.8	(15)	16.7	(6)	17.8	(5)	9.8	(8)	3.9	0.2	(7)
HAM	Australasian Eqx	465.2	7.1	(10)	23.4	(3)	16.4	(8)	_	()	-	` '	3.7	0.1	(8)
HAM	Equity Incomex	51.6	5.0	(17)	12.7		-	` '	_		-		_	_	()
MAM	NZ Equities ₁	499.9	12.2	(1)	32.5	(1)	24.5	(1)	23.0	(1)	-		2.5	3.4	(1)
MERCER	Trans-Tasman₁	316.5	8.8	(4)	23.3	(4)	16.8	(5)	17.5	(6)	11.5	(1)	2.2	0.4	(5)
MNT	Trans-Tasman ₁	40.3	7.1	(11)	24.8	(2)	19.7	(2)	21.8	(2)	-	. ,	6.0	0.7	(4)
SALT	NZ Share Plus ₁	351.1	8.6	(5)	16.0	(10)		(12)	16.5	(8)	10.9	(5)	3.0	-0.4	(13)
SALT	Dividend Share ₁	77.3	6.9	(14)	15.6	(12)	14.7	(11)	17.9	(4)	11.2	(2)	2.9	-0.4	(11)
TYN	Core Share ₁	86.0	7.1	(12)	17.5	(8)	15.4		16.4	(9)	9.7	(9)	1.8	-0.3	(9)
Median			7.9	` ,	17.0	, ,	16.5	, ,	17.4	. ,	10.9	` '	2.9	0.2	. ,
Other															
ANZ	ESF ₄	40.5	9.2		21.1		16.2		16.7		-		4.2	0.1	
DEV	Alpha _x	63.0	6.6		36.0		17.3		_		-		7.3	0.2	
DEV	Trans-Tasman ₁₊₃	93.6	5.7		28.7		14.6		18.1		14.4		6.8	-0.2	
FIS	NZ Grow th _x	126.6	6.2		21.6		20.2		21.3		14.1		6.0	0.7	
MAM	Trans-Tasman ₁₊₃	239.9	4.8		15.3		17.8		20.3		-		5.6	0.3	
PIE	Australasian Growthx	51.4	-0.5		15.7		18.1		37.3		-		12.6	0.2	
SALT	Focus Share ₂	56.5	8.5		20.2		16.5		19.1		-		5.5	0.1	
TYN	Aggressive ₄	93.9	3.9		12.5		11.0		14.3		16.9		5.5	-0.9	
TYN	Small Companies _x	4.3	0.4		4.6		8.1		17.2		12.5		12.0	-0.6	
Median			5.7		20.2		16.5		18.6		14.3		6.0	0.1	
Indexed															
SMS	NZ Top 10	60.2	6.7		18.1		13.6		13.5		5.0		3.5	-0.6	
SMS	NZ Top 50	128.8	6.1		15.2		13.7		15.2		-		5.4	-0.4	
SMS	NZ Mid Cap	45.3	5.5		14.6		15.1		12.4		7.2		5.0	-0.2	
SMS	Aus Mid Cap	45.6	1.3		-5.4		-0.6		8.9		-		15.6	-1.1	
SMS	Aus Top 20	88.8	-1.8		-4.1		0.2		8.9		8.9		11.6	-1.4	
Australian															
AMPCI	Australian*3	45.3	0.9	(2)	-1.8	(3)	0.9	(4)	10.6	(3)	9.6	(1)	1.7	0.4	(4)
ANZ	Australian ₃	404.0	-0.7		4.5	(2)	4.0	(2)	13.1	٠,,	=	. ,	4.1	0.9	(2)
CIP	Australian*3	41.8	1.2	(1)	-5.0	(5)	-0.1	(5)	10.5		-		3.6	-0.1	(5)
DEV	Australian ₃	19.3	-0.7		8.4			(1)	-		=		3.1	1.2	(1)
FRK	Australian*3	39.5	0.5		-2.4			(3)	11.9	(2)	9.6	(2)	1.6	0.7	(3)
Indoves															
Indexes NZX 50 incl. I	Cs.		8.8		17.5		15.8		16.2		8.5				
NZX 50 Incl. IN			8.4		17.5		15.7		16.5		9.6				
ASX 200 (NZ)			0.4		-2.6		0.2		10.5		8.6				
90 day BB + 5			2.0		8.0		8.0		8.1		10.6				
ou day DD + S	0 /0 pa ₄		2.0		0.0		0.0		0.1		0.01				

Benchmark indexes
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^{*}Unhedged.

<u> </u>		Emging	3 mor	nths	1 ye	ar	3 yea	ırs	5 yea	ars	10 ye	ars	3 y	ears	oa
Global S	Shares	Mkts %	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
Style Neutra	al														
AB	Style Blend ₁	8.2	-4.4	(8)	16.6	(3)	3.3	(12)	7.0	(12)	2.3	(9)	3.3	-0.7	(12)
AMPCI	Core Global ₁	6.5	-3.4	(2)	18.4	(2)	6.5	(5)	9.9	(5)	4.5	(5)	1.3	0.7	(4)
ANZ	Int'l Eq ₂	2.5			15.4	(5)	8.2	(2)	11.5	(3)	6.5	(3)	2.6	1.0	(2)
FIS	International ₂	9.4	-2.6	(1)	12.5	(12)	2.5			(11)		(6)	2.1	-1.5	(13)
IBB	Int'l Shares ₂	8.4	-4.3	(7)	11.0		4.5	(9)	10.0	(4)	3.7	(8)	2.8	-0.4	(9)
JANA	Core Global ₁	8.2	-3.7	(4)	14.8	(7)	6.6	(4)	9.1	٠,,		(-)	2.3	0.4	(5)
MERCER	Share Plus ₁	n.a	-4.4		14.6	(8)		(11)		(- /	_		4.1	-0.4	(10)
MFS	Global Eq ₁	3.1	-4.4	(9)	15.3	(6)	9.9	(1)	11.9	(1)	7.7	(1)	3.0	1.4	(1)
MLC	NCIT ₂	n.a	-4.0	(6)	13.1	. ,	5.8	(7)	9.9	(6)	4.6	(4)	1.8	0.1	(7)
RUS	ISF _x	3.7	-3.8	(5)	16.4	(4)	5.7	(8)	9.3	(7)	4.1	(7)	2.3	0.0	(8)
RUS	GOF _x	7.2	-4.9	(12)	13.7	. ,	4.1	(10)		(9)	-	(-)	3.0	-0.5	(11)
TYN	Multi-Manager ₁	8.6	-3.5	(3)	13.8	(9)	6.5	(6)	9.3	(8)	_		2.0	0.4	(6)
WEL	Opportunities ₂	2.5	-6.5	(13)	18.8	(1)	8.0	(3)	11.7	(2)	7.2	(2)	3.0	0.8	(3)
Median			-4.3	(10)	14.8	(-,	5.8	(-)	9.6	(-/	4.5	(-/	2.6	0.1	(-)
Value															
AB	Value		-2.9	(2)	21.6	(1)	3.8	(4)	8.1	(4)	3.0	(3)	4.6	-0.4	(4)
DFA	Value		-3.4	(4)	19.7	(2)	5.4	(3)	11.7	(1)	5.1	(1)	3.7	0.0	(3)
ELE	Value		-0.6	(1)	15.4	(3)	7.0	(1)	9.5	(2)	-		4.5	0.3	(1)
GMO	Equity		-3.1	(3)	13.4	(4)	6.2	(2)	7.4	(5)	4.9	(2)	2.9	0.2	(2)
WEL	Value		-3.6	(5)	12.6	(5)	3.4	(5)	8.1	(3)	-		2.1	-1.0	(5)
Median			-3.1	,	15.4	` ,	5.4	` ,	8.1	` ,	4.9		3.7	0.0	,
Growth															
AB	Growth Trends		-5.9	(4)	11.9	(4)	2.4	(4)	5.7	(4)	1.5	(4)	4.1	-0.8	(4)
FRK	Equity		-5.7	(3)	12.7	(2)	5.5	(3)	11.3	(1)	6.3	(1)	4.1	0.0	(3)
MFS	Grow th		-4.8	(1)	12.1	(3)	6.6	(2)	9.8	(3)	6.2	(2)	3.1	0.3	(2)
WEL	Grow th		-4.9	(2)	21.9	(1)	8.4	(1)	10.7	(2)	3.7	(3)	6.0	0.5	(1)
Median			-5.3		12.4		6.0		10.2		4.9		4.1	0.1	
Indexed															
AMPCI	NWIN		-3.8		15.4		6.2		9.0		-		0.6	1.0	
VAN			-4.0		16.0		6.1		9.0		4.3		3.4	0.2	
Emerging															
AMPCI			-5.2		-3.1		-3.0		6.3		4.9		3.8	1.0	
GMO			-7.8		-8.7		-8.9		4.7		6.9		4.4	-0.4	
MERCER			-7.4		-5.2		-5.1		5.7		-		5.6	0.3	
Socially Res	-														
AMPCI	Responsible		-3.1		16.2		5.4		8.9		4.9		1.8	-0.1	
TYN	SRI		-6.9		12.3		5.0		8.2		-		4.7	-0.1	
Other															
JANA	High Alpha		-3.5		17.7		7.7		11.9		-		3.1	0.7	
Indexes													1		
MSCI 0% hed	daed.		-4.0		15.0		5.6		8.8		4.0				
MSCI 100% h	-		1.5		21.0		13.2		18.2		7.4				
MSCI ACWI (-		-4.1		12.6		4.0		8.3		4.2				
	ng 0% hedged		-4.1 -5.6		-4.8		-7.0		5.3		4.2 7.2				
woo mergi	ig 0 /o neuged		-ა.ხ		-4.0		-7.0		5.3		1.2				

Benchmark indexes
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Duomont		FUM	3 mor	nths	1 ye	ar	3 ye	ars	5 yea	ars	10 ye	ars	3 y	ears	ра
Propert	У	\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
NZ Listed															
AMPCI	NZ Listed	21.6	2.0	(4)	3.7	(2)	14.3	(2)	14.3	(4)	-		2.5	1.2	(4)
ANZ	Property Securities	105.6	2.6	(1)	7.7	(1)	16.1	(1)	15.9	(1)	11.0	(1)	3.1	1.6	(2)
MNT	Australasian	65.0	2.5	(2)	3.6	(3)	13.7	(4)	14.4	(3)	-		3.0	0.8	(5)
SALT	NZ Listed	218.6	2.1	(3)	3.2	(4)	14.1	(3)	15.4	(2)	10.1	(2)	1.6	1.8	(1)
TYN	Property Securities	32.0	1.4	(5)	1.9	(5)	12.7	(5)	-		-		1.2	1.2	(3)
Median			2.1		3.6		14.1		14.9		10.5		2.5	1.2	
NZ Direct															
AMPCI	AIFP	238.8	1.3	(2)	8.9	(2)	9.1	(2)	-2.0	(2)	5.9	(2)	1.2	-0.5	(2)
FIS	Property Fund	294.5	2.9	(1)	15.3	(1)	10.5	(1)	8.5	(1)	10.9	(1)	3.2	0.3	(1)
Global 100°	% Hedged														
ANZ	Ex Aus	285.3	7.0	(1)	6.2	(1)	11.4	(1)	25.4	(1)	-		3.0	0.0	(1)
IBB	Int'l Property	29.3	3.0	(2)	-11.6	(2)	2.8	(2)	17.8	(2)	-		5.4	-1.6	(2)
Global 139	% Hedged														
AMPCI	GPSF	169.2	9.7	(1)	11.5	(2)	14.2	(1)	29.6	(1)	11.1	(1)	5.0	0.5	(1)
MERCER	Global Listed	57.1	4.3	(2)	13.0	(1)	12.9	(2)	-		-		6.1	0.2	(2)
Other															
ANZ	Trans-Tasman	246.2	3.2		9.5		15.6		-		-		5.9	0.7	
Indexes															
NZX Proper	ty		1.3		-0.7		11.3		11.8		7.9				
UBS Global	•		7.1		5.7		11.4		24.9		8.8				

N7 Dan	NZ Fixed Plus ₁ AM Bond Fund ₁ NZ Fixed Interest ₁ M Core Fixed ₁₊₂ N NZ Fixed Interest ₁ dian	FUM	3 mor	nths	1 ye	ar	3 yea	ars	5 yea	ırs	10 ye	ars	3 y	ears	pa
NZ BON	ias	\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
AMPCI	AIF F ₁	1,583.0	1.3	(5)	-0.2	(4)	6.1	(2)	6.4	(3)	7.1	(1)	0.5	2.4	(1)
ANZ	NZ Fixed Plus ₁	1,114.6	1.7	(1)	-0.6	(6)	5.7	(3)	7.0	(1)	6.5	(4)	0.7	1.3	(3)
BTAM	Bond Fund ₁	414.7	1.3	(3)	-0.3	(5)	5.2	(5)	5.6	(5)	6.3	(5)	0.9	0.4	(5)
FIS	NZ Fixed Interest ₁	870.3	1.2	(6)	0.1	(3)	5.5	(4)	6.0	(4)	6.6	(3)	1.0	0.6	(4)
HAM	Core Fixed ₁₊₂	73.6	1.3	(4)	1.7	(1)	-		-		-		-	-	
TYN	NZ Fixed Interest ₁	161.8	1.4	(2)	1.6	(2)	6.7	(1)	7.0	(2)	6.8	(2)	1.3	1.4	(2)
Median			1.3		-0.1		5.7		6.4		6.6	(3)	0.9	1.3	
Other															
AMPCI	Short Duration _x	204.4	1.0		3.7		4.8		5.8		-		3.2	0.0	
ANZ	Sovereign ₁	556.0	1.3		-1.9		5.2		5.3		7.0		0.5	8.0	
ANZ	High Grade ₃	494.4	2.0		0.4		6.0		8.1		5.8		1.3	1.0	
BTAM	Corporate Bonds _x	336.7	1.3		3.2		6.3		6.7		-		2.7	0.5	
HAM	Corporate Bonds ₂	112.9	1.4		3.3		5.6		6.5		-		2.6	0.3	
HAM	Short Duration _x	88.9	1.0		3.9		-		-		-		-	-	
TYN	Inv. Grade Corporate ₁	80.5	1.4		3.1		6.8		-		-		2.2	0.9	
Indexes															
NZX NZ Gov	vt Stock ₁		1.2		-1.7		4.8		5.1		5.9				
NZX Corpor	ate A Grade ₂		1.5		2.6		5.4		6.9		6.7				
NZX All Sw	aps ₃		1.6		-0.1		4.2		5.2		6.4				

Benchmark indexes
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Clabal	Danda	3 mor	nths	1 ye	ar	3 yea	ars	5 yea	ars	10 ye	ars	3 y	ears	ра
Global	Bonas	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
Core														
AB	Global Plus ₁	2.9	(4)	3.2	(6)	7.4	(5)	9.8	(6)	8.1	(4)	0.6	0.8	(5)
AMPCI	AIF Q ₁	2.6	(6)	4.2	(3)	6.2	(8)	10.0	(5)	7.2	(6)	1.7	-0.4	(8)
FIS	PIMCo ₁	3.2	(1)	3.1	(7)	9.4	(2)	11.6	(3)	8.6	(3)	2.3	1.1	(4)
FIS	Wellington ₁	2.6	(8)	3.0	(8)	7.1	(7)	-		-		0.6	0.2	(7)
MERCER	Global Aggregate ₁	3.1	(2)	4.9	(2)	8.6	(4)	12.1	(2)	8.9	(2)	1.2	1.4	(1)
PIMCo	GIS ₁	2.9	(5)	3.4	(5)	9.6	(1)	12.7	(1)	-		2.0	1.3	(2)
RUS	Global Bond₁	2.6	(7)	4.0	(4)	9.0	(3)	11.1	(4)	9.0	(1)	1.5	1.3	(3)
TYN	GSAM ₁	3.0	(3)	5.1	(1)	7.2	(6)	8.5	(7)	7.9	(5)	0.8	0.3	(6)
Median		2.9		3.7		8.0		11.1		8.4		1.4	0.9	
Other														
AMPCI	PIMCo Short Duration _x	1.5		4.4		5.1		9.5		-				
AMPCI	AIF HQ ₂	1.6		2.9		6.1		5.9		-				
ANZ	Sovereign ₂	2.5		2.0		-		-		-				
ANZ	Credit _x	3.1		-		-		-		-				
DFA	5 year _x	1.4		2.5		5.8		6.3		6.9				
FIS	Absolute Return _x	1.7		5.3		-		-		-				
LMI	Brandyw ine GOFI ₂	4.5		3.6		12.4		14.5		11.2				
Indexes														
Barclays G	lobal Agg. ₁	2.7		3.7		7.0		7.2		7.7				
Citigroup W		2.7		3.8		6.9		6.0		7.5				

Altornati	voo/Othor	FUM	3 months	1 year	3 years	5 years	10 years	3 years pa
Alternati	ves/Other	\$m	%	%	% pa	% pa	% pa	Volatility
Global Infra	structure							
AMPCI	139% hedged	160.5	11.2	19.8	-	-	-	-
CFS	Aus. dollar hedged	488.0	5.4	3.8	7.9	17.9	-	9.1
MERCER	139% hedged	133.9	7.6	23.4	17.1	-	-	9.1
Commodition	es							
AMPCI		227.7	7.3	1.9	-4.8	-	-	15.1
PFAM		47.6	0.9	-2.1	-7.8	-	=	9.6
WEL		-	-1.8	-10.1	-9.7	-0.4	-	11.9
Australasia	n							
AAM		199.9	1.9	10.0	14.6	19.4	=	7.2
MAM	Income	605.2	3.2	11.6	14.9	-	=	3.3
MAM	Active Growth	823.5	8.0	23.4	20.9	19.0	=	5.6
TYN	Income Fund	4.2	1.7	4.3	6.4	9.4	-	5.4
Global								
CIP	Equity	124.2	0.7	5.0	4.8	-	-	6.8
FIS	Prop. & Infrastructure	-	5.3	17.6	10.6	15.4	-	6.9
K2	Diversity Fund	-	1.4	10.2	5.5	-	-	2.8
MERCER	Natural Resources	60.5	7.5	11.1	0.7	-	-	9.3
MERCER	Real Assets	-	5.6	16.9	10.9	19.0	-	5.0
MGH		17.8	-2.6	8.4	2.4	3.8	4.7	8.6
NZAM	Global	13.8	-2.7	9.2	4.4	7.0	6.5	6.9
NZAM	Alpha	8.3	-1.5	4.8	-	-	-	-
TYN	JPMAAM	54.5	2.9	13.1	9.3	12.3	9.5	3.8
TYN	Option	153.8	2.9	9.7	6.0	12.4	12.6	18.4

Benchmark indexes
These are shown in subscript where applicable. An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark.

Cook	FUM	3 mor	nths	1 ye	ar	3 yea	ars	5 yea	ars	10 ye	ars	3 y	ears	pa
Cash	\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr Err	IR	Rk
AMPCI ₁	3,698.1	0.8	(3)	3.4	(3)	3.5	(3)	3.8	(3)	5.8	(3)	0.1	15.4	(1)
ANZ ₁	1,364.1	8.0	(5)	3.3	(5)	3.4	(4)	3.6	(5)	6.1	(1)	0.1	9.3	(3)
BTAM₁	771.5	0.8	(4)	3.4	(4)	3.3	(5)	4.3	(1)	5.4	(5)	0.1	8.1	(4)
FIS ₁	839.4	0.9	(2)	3.7	(2)	3.7	(2)	3.7	(4)	5.7	(4)	0.4	2.2	(5)
TYN ₁	294.6	0.9	(1)	3.9	(1)	4.0	(1)	4.1	(2)	6.1	(2)	0.1	11.0	(2)
Median		0.8		3.4		3.5		3.8		5.8		0.1	9.3	
Index														
NZX 90 Day BB ₁		0.7		2.7		2.7		2.8		5.2				

Discountiti	1	3 m	onths	1)	/ear	3 ye	ars	5 ye	ars	10 ye	ears	Asset Alle	ocation %	Currency
Diversifie	ea	%	Rk	%	Rk	%pa	Rk	%pa	Rk	%pa	Rk	Growth	Income	%
Balanced														
AMPCI	AIFB	2.0	(3)	8.4	(6)	8.5	(4)	10.1	(5)	7.9	(4)	37.2	62.8	20.0
ANZ		1.7	(4)	11.3	(2)	11.2	(2)	13.7	(1)	9.0	(1)	66.3	33.7	25.9
ASB		1.0	(6)	9.2	(5)	7.7	(6)	11.0	(4)	-		59.1	40.9	-
FIS		3.4	(1)	9.5	(4)	8.5	(5)	11.1	(3)	8.1	(2)	56.0	44.0	1.3
MAM		2.7	(2)	12.4	(1)	12.6	(1)	-		-		66.6	33.4	50.0
TYN		1.4	(5)	10.7	(3)	9.0	(3)	11.6	(2)	8.0	(3)	71.0	29.0	23.2
Median		1.8		10.1		8.7		11.1		8.1		62.7	37.3	23.2
SRI Balance	d													
AMPCI		2.7		10.9		10.2		-		-		60.9	39.1	20.0
TYN		-0.6		9.8		8.3		10.3		-		-	-	-

Acrony	ym References				
AAM AB	Aspiring Asset Management Alliance Bernstein	FIS FRK	Fisher Funds Management Franklin Templeton Investments	MLC MNT	MLC Mint Asset Management
AMPCI	AMP Capital Investors	GMO	GMO	NZAM	NZ Asset Management
ANZ	ANZ Investments	HAM	Harbour Asset Management	PFAM	Pathfinder Funds
ASB	ASB Group Investments	IBB	lbbotson Associates	PIE	Pie Funds
BTAM	BT Asset Management	JANA	Jana	RUS	Russell Investment Group
CFS	Colonial First State	LMI	Legg Mason Inc	SALT	Salt Funds Management
CIP	Craigs Investment Partners	MAM	Milford Asset Management	SMS	SmartShares
DEV	Devon Funds Management	MERCER	Mercer	TYN	Tyndall Investment Management
DFA	Dimensional Fund Advisors	MFS	MFS Investment Management	VAN	Vanguard Investments Australia
ELE	Elevation Capital	MGH	MGH Asset Management	WEL	Wellington Management Company

Benchmark indexes
These are shown in subscript where applicable. An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark.

KiwiSaver Results

Note we do not necessarily include all of a provider's funds.

	151	FUMG	rowth	3 moi	nths	1 year	3 years	5 years	Risk ^c	%ра
Returns	and Risk	\$m	вм%	%	Rk	% Rk	% Rk	% Rk	3 Yr	5 Yr
Growth Fund	ls									
AMP	Growth	355.7	80.0	1.6	(5)	9.7 (11)	8.1 (8)	9.8 (10)	8.0	7.9
ANZ	Growth	964.4	80.0	1.1	(8)	12.9 (4)	11.3 (2)	14.0 (4)	6.9	7.7
AON ASB	Russell Growth Growth	14.6 399.6	75.0 80.0	0.7 0.6	(11)	12.4 (6) 11.1 (8)	10.0 (4) 7.8 (9)	14.3 (2) 12.0 (7)	9.0 6.0	9.3 7.9
BNZ	Growth	399.6 27.6	70.0	1.9	(12) (3)	11.1 (8) 10.7 (9)	7.8 (9) n.a	12.0 (7) n.a	n.a	n.a
Fidelity	Growth	49.0	75.0	0.4	(13)	7.4 (12)	5.6 (11)	8.9 (11)	5.7	7.9
Fisher	Growth	699.9	70.0	1.0	(9)	14.6 (2)	7.0 (10)	15.0 (1)	6.8	9.6
Fisher Two	Growth	126.2	80.0	3.8	(1)	11.2 (7)	8.3 (7)	12.0 (8)	6.9	7.7
Grosvenor	Balanced Growth	49.2	75.0	8.0	(10)	6.6 (13)	4.6 (12)	n.a	5.4	n.a
Mercer	High Growth	46.5	89.5	2.3	(2)	15.3 (1)	9.1 (5)	13.7 (5)	6.6	8.3
OnePath	Growth	21.2	0.08	1.3	(6)	12.8 (5)	10.0 (3)	12.3 (6)	5.8	6.9
OneAnswer Westpac	Growth Growth	169.3 342.7	80.0 80.0	1.2 1.7	(7) (4)	13.1 (3) 10.4 (10)	11.4 (1) 8.4 (6)	14.1 (3) 10.9 (9)	7.0 5.3	7.7 6.3
Median	Glowin	342.1	80.0	1.2	(4)	11.2	8.4 (0) 8.4	12.3	6.7	7.9
Balanced Fu	nds									
AMP	Balanced	447.5	60.0	1.6	(4)	7.8 (10)	7.7 (6)	8.8 (10)	5.8	5.8
AMP	Tyndall Balanced	14.1	62.0	8.0	(10)	9.3 (6)	7.5 (7)	9.8 (7)	5.1	5.3
ANZ	Balanced Growth	530.6	65.0	1.3	(7)	10.8 (3)	10.2 (2)	12.4 (3)	5.6	6.2
AON ASB	Russell Balanced	35.5	60.0	0.7	(11)	10.0 (5)	9.2 (3)	13.3 (1)	7.4	7.8 5.0
Fidelity	Balanced Balanced	412.5 110.7	60.0 57.5	0.9 0.5	(9) (12)	8.4 (7) 5.4 (11)	7.1 (10) 5.3 (11)	10.5 (6) 7.8 (11)	4.3 4.5	5.9 5.6
Fisher Two	Balanced	363.2	55.0	3.1	(12) (1)	8.2 (9)	7.2 (9)	9.8 (8)	4.8	5.0
Grosvenor	Balanced	117.2	57.5	1.0	(8)	4.7 (12)	4.8 (12)	7.6 (12)	3.7	5.0
Mercer	Balanced	54.1	62.0	2.0	(2)	11.4 (1)	8.0 (5)	11.6 (4)	4.3	5.6
OnePath	Balanced Growth	23.7	65.0	1.4	(5)	10.4 (4)	9.1 (4)	11.0 (5)	4.6	5.5
OneAnswer	Balanced Growth	237.3	65.0	1.3	(6)	11.0 (2)	10.3 (1)	12.5 (2)	5.6	6.2
Westpac <i>Median</i>	Balanced	577.9	60.0 <i>60.0</i>	1.7 1.3	(3)	8.3 (8) 8.9	7.2 (8) 7.6	9.6 (9) 10.1	4.3 <i>4.7</i>	5.3 5.6
	alanced Funds		00.0	1.5		0.9	7.0	10.1	4.7	5.0
AMP	Moderate Balanced	268.2	50.0	1.6	(2)	6.7 (5)	6.9 (4)	8.0 (4)	5.0	5.0
ANZ	Balanced	662.5	50.0	1.4	(5)	8.6 (2)	9.0 (2)	10.7 (2)	4.2	4.7
BNZ	Balanced	41.8	50.0	1.9	(1)	7.9 (4)	n.a `´	n.a `´	n.a	n.a
OnePath	Balanced	20.4	50.0	1.5	(3)	8.2 (3)	8.2 (3)	9.7 (3)	3.5	4.2
OneAnswer	Balanced	258.0	50.0	1.5	(4)	8.7 (1)	9.0 (1)	10.8 (1)	4.2	4.7
Median	de		50.0	1.5		8.2	8.6	10.2	4.2	4.7
Moderate Fu AMP	i nas Moderate	182.2	40.0	1.6	(3)	5.8 (5)	6.5 (5)	7.2 (6)	3.7	3.7
ANZ	Cons Balanced	335.5	35.0	1.5	(5)	6.5 (2)	7.7 (3)	8.9 (3)	2.9	3.3
AON	Russell Moderate	10.0	40.0	0.7	(7)	6.9 (1)	8.5 (1)	11.8 (1)	5.2	5.5
ASB	Moderate	566.1	40.0	1.4	(6)	5.7 (6)	6.2 (6)	8.6 (4)	2.9	4.0
BNZ	Moderate	58.7	35.0	1.8	(1)	5.5 (7)	n.a	n.a	n.a	n.a
OnePath	Cons Balanced	7.0	35.0	1.6	(2)	6.2 (4)	7.3 (4)	8.4 (5)	2.5	2.9
OneAnswer <i>Median</i>	Cons Balanced	89.6	35.0 35.0	1.6 <i>1.6</i>	(4)	6.4 (3) 6.2	7.8 (2) 7.5	9.1 (2) 8.8	2.9 2.9	3.3 3.5
Conservative	e Funds		50.0	7.0		J.L	7.0	0.0	2.0	5.5
AMP	Conservative	169.7	25.0	1.5	(7)	4.4 (4)	6.0 (7)	6.3 (11)	2.4	2.4
AMP	Default	1,211.6	20.0	1.2	(11)	5.2 (2)	5.0 (12)	5.5 (13)	2.1	2.1
ANZ	Conservative	322.9	20.0	1.5	(9)	4.2 (8)	6.3 (5)	7.0 (6)	1.9	2.0
AON	Russell Cons	58.5	20.0	0.5	(14)	3.8 (12)	7.7 (1)	10.3 (1)	3.5	3.6
ASB BNZ	Conservative Conservative	1,998.0 71.9	20.0 20.0	1.3 1.8	(10)	4.1 (10) 3.9 (11)	5.2 (11)	6.2 (12)	1.6	2.0
Fidelity	Conservative	71.9 46.5	25.0	1.0	(4) (12)	3.9 (11)	n.a 5.4 (10)	n.a 6.9 (7)	n.a 2.8	n.a 3.2
Fisher Two	Conservative	81.1	30.0	2.2	(1)	4.9 (3)	6.2 (6)	8.0 (3)	2.5	2.7
Fisher Two	Default	498.1	20.0	2.0	(2)	4.2 (7)	5.7 (9)	6.4 (10)	2.0	1.9
Grosvenor	Conservative	46.5	25.0	1.1	(12)	1.7 (14)	4.9 (13)	6.6 (9)	2.6	3.2
Mercer	Conservative	791.5	20.0	2.0	(3)	7.4 (1)	6.7 (2)	8.4 (2)	2.0	2.4
OnePath	Conservative	739.9	20.0	1.7	(5)	4.3 (6)	6.4 (3)	7.0 (5)	1.8	1.9
OneAnswer	Conservative Conservative	274.4 1,218.4	20.0 25.0	1.5 1.6	(8) (6)	4.3 (5) 4.2 (9)	6.4 (4) 5.8 (8)	7.1 (4) 6.9 (8)	1.9 2.2	2.1 2.3
Westpac <i>Median</i>	Conscivative	1,410.4	20.0 20.0	1.6 1.5	(0)	4.2 (9) 4.2	5.8 (8) 6.0	6.9 (8) 6.9	2.2	2.3 2.3
Other Funds			_0.0					2.0		
AMP	Aggressive	164.5	90.0	1.7		10.7	8.4	10.6	9.4	9.4
Fidelity	Aggressive	17.7	90.0	-0.3		8.6	5.0	10.3	8.7	10.0
Fidelity	Capital Guaranteed	38.1	15.0	0.5		2.7	4.0	4.6	1.2	1.4
Fisher	Conservative	221.9	0.0	1.4		6.3	6.3	n.a 。。	2.1	n.a
Grosvenor Milford	High Growth Active Growth	82.2 229.7	90.0 n.a	0.4 6.9		9.3 19.8	4.3 17.3	8.8 n.a	7.3 4.9	8.9 n.a
IVIIIIOIU	, which didwill	22J.I	11.a	0.5		10.0	17.0	11.0	ਰ.ਹ	11.a

Asset Al	llocation	NZ/Aus Shares	Global Shares	NZ/Aus Prop			Growth Assets	NZ Bonds	Global Bonds	Alt Assets	Cash	Income Assets
Growth Fund	ds											
AMP	Growth	19.2	42.8		10.0	9.6	81.6	4.9	4.5		9.0	18.4
ANZ	Growth	19.9	50.5	6.0	6.0		82.4	4.5	9.8		3.3	17.6
AON	Russell Growth	25.8	49.5				75.3	5.0	19.7			24.7
ASB	Growth	28.1	43.8		6.8		78.7	8.8	8.7		3.9	21.3
BNZ	Growth	17.6	48.0				65.6	5.3	17.0		12.1	34.4
Fidelity	Growth	22.3	43.2	5.2	5.2		75.7	9.8	9.8		4.6	24.3
Fisher	Growth	40.5	41.4	1.1			83.1	0.4	2.3		14.2	16.9
	Growth	29.1	36.2	11.5			76.8	5.9	8.8		8.5	23.2
	Balanced Growth	21.7	42.2	4.8	4.8		73.6	9.6	10.0		6.7	26.4
Mercer	High Growth	20.1	45.4		16.0	3.1	84.5	2.8	2.4	3.1	7.2	15.5
OnePath	Growth	19.9	47.8	12.0			79.7	5.0	10.9		4.5	20.3
OneAnswer		20.7	50.7	6.4	6.0		83.8	4.5	9.6		2.2	16.2
Westpac	Growth	23.5	38.7	8.4		10.9	81.5	5.4	7.5		5.6	18.5
Average		22.3	44.9	4.5	4.6	2.0	78.3	5.9	9.9	0.3	5.6	21.72
Balanced Fu	ınds											
AMP	Balanced	15.5	30.5		8.2	7.5	61.7	12.8	12.5		13.0	38.3
AMP	Tyndall Balanced	17.0	30.9	4.7		9.1	61.8	17.1	11.9	9.3		38.3
ANZ	Balanced Growth	15.9	41.9	4.8	4.8		67.4	8.0	18.3		6.3	32.6
	Russell Balanced	20.7	39.7				60.4	8.0	31.6			39.6
ASB	Balanced	20.1	32.2		6.8		59.1	16.6	17.4		6.9	40.9
Fidelity	Balanced	18.0	33.6	3.3	3.3		58.1	17.3	17.2		7.4	41.9
Fisher Two		19.7	23.1	13.2			56.0	14.1	21.5		8.4	44.0
	Balanced	17.7	33.6	3.0	3.0		57.2	17.5	17.8		7.4	42.8
Mercer	Balanced	12.8	30.6		13.7	2.2	59.3	9.3	12.0	2.2	17.2	40.7
OnePath	Balanced Growth	15.9	38.9	9.9			64.7	8.9	19.7		6.7	35.4
	Balanced Growth	16.6	41.4	5.4	4.9		68.4	7.8	18.5		5.3	31.6
Westpac	Balanced	19.0	30.4	4.0		7.0	60.4	13.8	18.9		6.9	39.6
Average		17.4	33.9	4.0	3.7	2.1	61.2	12.6	18.1	1.0	7.1	38.8
	alanced Funds											
AMP	Moderate Balanced	12.2	24.8		8.0	6.4	51.4	16.0	15.7		16.9	48.6
ANZ	Balanced	12.8	32.3	3.9	3.9		52.9	10.6	26.2		10.3	47.1
BNZ	Balanced	12.8	34.9				47.7	8.3	32.3		11.7	52.3
OnePath	Balanced	13.0	29.0	7.9			49.9	11.9	27.7		10.5	50.1
OneAnswer	Balanced	13.6	31.6	4.3	3.9		53.4	10.4	26.4		9.8	46.6
Average		12.9	30.5	3.2	3.2	1.3	51.1	11.4	25.7		11.8	48.9
Moderate Fu	ınds											
AMP	Moderate	9.6	19.4		6.0	6.5	41.5	18.9	18.5		21.0	58.5
ANZ	Cons Balanced	9.0	23.5	2.9	3.0		38.3	13.3	32.8		15.5	61.7
AON	Russell Moderate	14.6	25.9				40.5	12.0	47.5			59.5
ASB	Moderate	16.1	17.6		5.9		39.6	24.5	24.2		11.7	60.4
BNZ	Moderate	7.8	25.8				33.5	11.0	39.3		16.2	66.5
OnePath	Cons Balanced	9.0	20.1	5.9			35.0	14.8	34.7		15.5	65.1
OneAnswer	Cons Balanced	9.3	23.2	3.0	3.1		38.5	13.3	33.2		14.9	61.5
Average		10.7	22.2	1.7	2.6	0.9	38.1	15.4	32.9		13.6	61.9
Conservativ	e Funds											
AMP	Conservative	5.1	10.8		5.1	5.6	26.5	22.9	22.7		27.8	73.5
AMP	Default	7.3	13.1				20.3	15.5	15.6		48.6	79.7
	Conservative	5.0	15.0	1.5	1.5		23.1	16.5	40.4		20.1	77.0
	Russell Cons	6.3	14.0				20.3	16.1	63.7			79.7
ASB	Conservative	9.1	10.8				19.9	29.4	29.1		21.6	80.1
	Conservative	5.2	14.2				19.4	13.6	41.8		25.2	80.6
	Conservative	9.2	12.9	1.7	1.7		25.4	28.5	28.4		17.7	74.6
Fisher Two	Conservative	7.7	10.5	11.4			29.6	22.9	25.8		21.7	70.4
Fisher Two		5.7	7.0	7.8			20.5	29.0	25.4		25.1	79.5
Grosvenor	Conservative	9.2	12.9	1.7	1.7		25.4	28.5	28.4		17.7	74.6
Mercer	Conservative	5.1	10.6		4.1	0.3	20.1	14.7	27.0	0.3	37.8	79.9
OnePath	Conservative	4.9	11.9	2.9			19.8	17.9	41.9		20.5	80.3
OneAnswer	Conservative	5.0	14.7	1.5	1.5		22.7	16.4	40.3		20.7	77.4
Westpac	Conservative	8.5	9.8	4.0		3.0	25.3	22.6	29.9		22.2	74.7
Average		6.7	12.0	2.3	1.1	0.6	22.7	21.0	32.9	0.0	23.3	77.3
Other Funds	•											
	Aggressive	22.7	48.1		10.2	10.4	91.5	1.0	1.1		6.4	8.5
	Aggressive	26.7	56.1	3.8	3.8		90.3	2.5	2.5		4.8	9.7
Fidelity	Capital Guaranteed							6.2	6.2		87.6	100.0
•	Conservative	7.4	12.7	2.4			22.5	16.2	27.8		33.6	77.5
Fisher					2.0		89.2	2.4	2.6			10.8
	High Growth	26.3	55.4	3.8	3.8		09.2	2.4	2.0		5.8	10.0

Note: the TOWER KiwiSaver Scheme has been renamed the Fisher Two KiwiSaver Scheme.

Notes:

- Tracking error is the standard deviation of value added.
- Information Ratio (IR) is value added divided by tracking error, i.e. risk adjusted performance.
- The Alliance Bernstein and Legg Mason global bond fund performance use a simulated hedge back to the NZ dollar.
- Returns in the NZ share sector are shown inclusive of imputation credits, which are not available to all investors.
- The index applied may not in all cases be the benchmark adopted by the manager for the fund.
- Relative outperformance may be due to the different nature of the fund rather than to superior performance skills. Past performance is no guarantee of future performance.
- KiwiSaver fund returns are shown gross of tax and net of investment fees. All other fund returns are shown gross of tax and investment fees.
- The numbers shown are in some cases gross equivalents of the net returns achieved by the manager. Consequently, for a gross investor, returns realised may be different from those shown above.
- Global share results are on an unhedged basis. In some instances hedging the currency is integral to the management of the fund and the client will not experience the results shown above.

Rankings

Where we consider the funds have reasonably similar mandates we group the funds and rank the performance. However, differences in the mandates still apply and will result in different expected return outcomes.

About Melville Jessup Weaver

Melville Jessup Weaver is a New Zealand firm of consulting actuaries. The areas in which we provide advice include superannuation, employee benefits, life insurance, general insurance, health insurance, asset consulting, accident insurance and information technology. The firm, established in 1992, has offices in Auckland and Wellington. The firm is an alliance partner of Towers Watson, a leading global professional services company that helps organisations improve performance through effective people, risk and financial management. The company offers solutions in the areas of employee benefits, talent management, rewards, and risk and capital management. Towers Watson has 14,000 associates around the world and is located on the web at towerswatson.com

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