

Market returns	Quarter (%)	Year (%)		Quarter (%)	Year (%)
NZX 50 (including imputation credits)	-1.8	8.0	NZX NZ Government Bond	2.2	9.0
S&P/ASX 200 (AUD)	-6.6	-0.7	NZX Corporate A Grade	2.0	8.5
MSCI World - Local Currency	-7.7	-0.8	Barclays Global Aggregate	2.1	6.9
MSCI World - Hedged	-6.9	2.6	Citigroup WGBI	2.7	7.6
MSCI World - Unhedged	-3.2	15.6	90 Day Bank Bill	0.8	3.6
MSCI Emerging Markets - Unhedged	-13.2	-1.7	NZ \$ / US \$	-5.4	-17.9
NZX Property	0.1	15.7	NZ \$ / A \$	3.5	2.3

1 Quarterly market overview

NZ cash and fixed interest This quarter the return on NZ government stock was 2.2% while the return on the Corporate A-Grade Index was 2.0%. Over the past 12 months, the pattern has been similar with 9.0% from government stock and 8.5% from the Corporate A-grade. Global bonds have had a similar quarter to NZ markets with the Barclays Global Aggregate (hedged to the NZ dollar) up 2.1% for the quarter overall.

This year has been relatively strong for cash with a return of 3.6% on the NZX 90 Day Bank Bill Index. The Official Cash Rate was downgraded in July from 3.25% to 3.00%, and in September was downgraded again to 2.75%.

Equities Developed markets saw a major correction this quarter, down 7.7% in local currency. However, the NZ dollar continued its fall throughout the September quarter and global shares for unhedged investors were down just 3.2%. The fall in the value of the NZ dollar continues to be good news for unhedged investors with the NZD down 17.9% for the year, yielding 15.6% for unhedged global shares and just 2.6% for investors with 100% hedging.

All developed markets had a negative quarter. At the lower end were Hong Kong and Singapore, each down over 15%, while Israel, New Zealand and Denmark posted only small negative returns for the quarter.

Emerging markets return -13.2% unhedged, compared to -3.2% for developed markets. Russia and India had a relative good quarter, each down 3-4%, while Greece had a poor month (down almost 50%) as did China, down 23%.

2 KiwiSaver

As noted above the last quarter has been reasonably tough for share market investors and it is interesting to see how this flows through into the performance of the different risk profile funds. For the quarter the median Growth Fund was down -3.4% in comparison to the median Conservative Fund which saw a slight positive of 0.1%. The median Balanced Fund was down -2.0%, closer to the Growth Fund's results.

For all this recent share market correction the 1 year results still look solid with the median Growth Fund up 6.8% in comparison to the Conservative Fund median return of 5.9%. Looking over the longer term we have the median Growth Fund up 9.6% for the 5 years and the median Conservative Fund up 6.2%. The 5 year range of results varies more for the Growth Funds (from 11.8% for ANZ to 6.4% for Grosvenor) than the Conservative funds (from 7.7% for Aon Russell to 5.3% for AMP Default). So choosing the right Growth Fund manager can be seen as more important than choosing a Conservative fund manager.

Looking at the performance of individual managers it is hard not to recognise the ongoing good results from Milford – their Balanced and Active Growth continue to perform well. Similarly the results from ANZ are consistently above average, so being the biggest is not necessarily an impediment to good performance. The AON Russell Funds have continued their good results despite their preference for a large exposure to hedged global shares counting against them with the falling NZ dollar. AMP's numbers are weak due to the poor results from the asset classes they have selected with which to diversify their results and their decision to pursue a diversified strategy. Hopefully in due course this strategy will produce rewards for their investors. ASB's results along with those for Mercer are somewhat middle-of-the-road while Westpac (with the exception of their Conservative Fund) has had a good quarter and overall their numbers are looking better. BNZ, whose numbers only go back a couple of years, are slightly soft due again to their preference for hedged global shares. Kiwi Wealth's results this quarter are soft but overall their results remain impressive. Fisher TWO (previously Tower) had a strong quarter which was good to see after some weak results over the recent past.

Wholesale Fund Returns

NZ & Australian Shares		Australian Exposure/ Hedging %	FUM \$m	3 months		1 year		3 years		5 years		10 years		3 years pa			
				%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR	Rk
Australasian																	
AMPCI	Active ₁	0/0	476.3	-0.7	(4)	8.4	(7)	15.2	(12)	14.2	(9)	8.5	(5)	2.9	0.1	(12)	
AMPCI	Strategic ₂	0/0	150.8	-0.3	(2)	11.0	(3)	16.2	(9)	14.0	(10)	9.6	(3)	3.4	0.4	(9)	
AMPCI	Responsible ₁	0/0	9.3	-0.4	(3)	8.5	(6)	-	-	-	-	-	-	-	-	-	
ANZ	Australasian Share ₁	9/0	655.5	-3.5	(15)	3.7	(15)	15.6	(11)	14.5	(7)	7.8	(7)	2.4	0.3	(11)	
ANZ	NZ Shares ₁	0/0	112.1	-3.4	(14)	4.2	(14)	15.7	(10)	15.0	(5)	7.5	(9)	2.3	0.3	(10)	
DEV	NZ Core ₁	17/90	154.0	-1.6	(8)	7.7	(9)	19.2	(2)	16.2	(3)	-	-	3.6	1.2	(2)	
FIS	Trans-Tasman ₁	31/16	509.8	-1.0	(6)	7.2	(10)	13.1	(13)	13.3	(13)	7.7	(8)	2.4	-0.7	(13)	
HAM	Australasian Eq _x	27/51	616.0	-1.7	(9)	4.3	(13)	16.9	(6)	13.8	(11)	-	-	4.0	0.5	(8)	
MAM	NZ Equities ₁	0/0	210.3	-0.8	(5)	8.9	(5)	18.6	(4)	17.8	(2)	11.3	(1)	3.5	1.1	(3)	
MERCER	Trans-Tasman ₁	21/69	370.5	-1.7	(11)	6.7	(11)	17.0	(5)	14.5	(8)	8.6	(4)	2.3	0.9	(5)	
MNT	Trans-Tasman ₁	14/96	67.9	0.0	(1)	11.5	(2)	20.6	(1)	17.9	(1)	-	-	3.3	1.7	(1)	
NIK	Core ₁	6/0	235.7	-1.7	(10)	9.6	(4)	16.6	(8)	13.6	(12)	7.3	(10)	2.2	0.8	(6)	
RUS	Harbour Australasian ₁	4/0	102.2	-2.1	(13)	5.7	(12)	-	-	-	-	-	-	-	-	-	
SALT	NZ Share Plus ₁	8/98	406.8	-1.9	(12)	8.3	(8)	16.8	(7)	14.7	(6)	8.3	(6)	3.2	0.6	(7)	
SALT	Dividend Share ₁	0/0	76.0	-1.4	(7)	11.8	(1)	18.6	(3)	15.7	(4)	10.1	(2)	3.6	1.0	(4)	
<i>Median</i>						<i>-1.6</i>		<i>8.3</i>		<i>16.8</i>		<i>14.5</i>		<i>8.4</i>		<i>3.2</i>	<i>0.6</i>
Other																	
ANZ	ESF ₄		31.0	-5.2		-1.0		13.5		13.0		7.9					
DEV	Trans-Tasman ₁₊₃		112.5	-1.8		15.2		22.6		15.8		11.7					
DEV	Alpha _x		95.9	-2.1		6.1		21.0		14.8		-					
DEV	Dividend Yield ₁₊₃		96.6	1.4		14.1		19.6		-		-					
FIS	NZ Grow th _x		116.1	-1.0		4.5		14.9		16.1		10.3					
HAM	Equity Income _x		81.8	0.3		13.7		18.2		-		-					
HAM	Focus ₁₊₃		43.8	-1.7		4.0		-		-		-					
MAM	Dynamic (small cap) _x		146.5	0.3		12.4		-		-		-					
MAM	Trans-Tasman ₁₊₃		213.4	-2.9		5.2		14.3		14.8		-					
NIK	Concentrated ₄		66.6	2.6		24.6		20.2		13.9		13.6					
NIK	Small Companies _x		5.0	-1.9		8.9		14.5		9.4		9.0					
PIE	Australasian Grow th _x		69.1	3.1		12.2		19.6		22.8		-					
SALT	Focus Share ₂		74.6	-1.7		8.3		18.3		16.0		-					
<i>Median</i>						<i>-1.7</i>		<i>8.9</i>		<i>18.3</i>		<i>14.8</i>		<i>10.3</i>			
Indexed																	
SMS	NZ Top 10		51.7	-3.8		4.2		10.1		9.4		2.6					
SMS	NZ Top 50		169.8	-2.5		11.1		15.3		11.9		6.4					
SMS	NZ Mid Cap		51.0	-0.4		17.4		18.2		13.8		6.8					
SMS	Aus Mid Cap		53.7	-3.5		11.4		11.2		4.9		3.9					
SMS	Aus Top 20		81.7	-10.8		-4.3		5.4		2.2		6.4					
Australian																	
AMPCI	Australian* ₃		24.6	-8.5	(2)	-0.6	(2)	6.3	(3)	4.1	(3)	6.6	(1)	2.2	0.8	(3)	
ANZ	Australian ₃		502.9	-8.7	(3)	-2.9	(3)	7.4	(2)	4.7	(2)	-	-	3.5	0.8	(2)	
DEV	Australian ₃		42.5	-5.6	(1)	5.5	(1)	13.3	(1)	7.8	(1)	-	-	3.1	2.8	(1)	
FRK	Australian* ₃		-	-10.9	(4)	-4.0	(4)	5.6	(4)	3.5	(4)	6.2	(2)	1.4	0.7	(4)	
Indexes																	
NZX 50 incl. ICS ₁				-1.8		8.0		14.9		13.5		6.5					
NZX 50 Portfolio ₂				-1.8		10.1		16.2		13.8		7.7					
ASX 200 (NZD) ₃				-9.8		-2.9		4.7		2.7		5.3					
90 day BB + 5% pa ₄				2.1		8.9		8.4		8.3		10.1					

Benchmark indexes

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*Unhedged.

Global Shares		Emging Mkts %	3 months		1 year		3 years		5 years		10 years		3 years pa		
			%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR
Style Neutral															
AB	Style Blend ₁	9.8	-5.2	(12)	18.2	(8)	20.5	(6)	10.4	(13)	3.4	(12)	2.5	0.8	(5)
AMPCI	Core Global ₁	3.0	-1.8	(2)	18.3	(7)	20.7	(5)	12.4	(5)	5.9	(7)	1.5	1.6	(2)
ANZ	Int'l Eq ₂	3.9	-2.2	(3)	20.6	(3)	20.8	(4)	13.4	(4)	8.2	(3)	2.2	1.1	(3)
ART	Global Equity ₂	12.7	-5.3	(13)	23.8	(2)	21.9	(2)	16.0	(1)	-	-	5.1	0.7	(6)
FIS	International ₂	9.3	-3.4	(6)	14.3	(14)	15.9	(15)	8.6	(15)	5.4	(9)	2.1	-1.2	(15)
FRK	Templeton ₂	10.7	-6.5	(15)	7.3	(15)	18.0	(12)	11.0	(10)	5.5	(8)	4.4	-0.1	(12)
IBB	High Opportunities	7.0	-3.6	(7)	17.2	(9)	18.7	(11)	11.6	(8)	6.2	(5)	2.0	0.1	(11)
JANA	Core Global ₁	5.6	-4.3	(9)	14.7	(12)	19.3	(7)	12.0	(7)	4.9	(11)	2.2	0.4	(7)
MERCER	Share Plus ₁	8.5	-5.4	(14)	14.7	(11)	17.5	(13)	9.9	(14)	-	-	3.8	-0.2	(13)
MFS	Global Eq ₁	2.3	-2.3	(4)	20.3	(4)	21.3	(3)	14.4	(3)	9.3	(1)	2.8	1.0	(4)
MLC	NCIT ₂	8.0	-4.1	(8)	14.5	(13)	17.2	(14)	10.9	(11)	5.9	(6)	1.8	-0.7	(14)
NIK	Multi-Manager ₁	8.6	-1.3	(1)	20.2	(5)	19.2	(9)	12.3	(6)	-	-	2.1	0.4	(9)
RUS	ISF _x	6.3	-4.7	(11)	15.7	(10)	19.1	(10)	11.5	(9)	5.4	(10)	2.0	0.4	(10)
RUS	GOF _x	8.7	-4.4	(10)	18.6	(6)	19.3	(8)	10.9	(12)	6.7	(4)	2.2	0.4	(8)
WEL	Opportunities ₂	-	-2.3	(5)	24.6	(1)	24.2	(1)	14.8	(2)	9.2	(2)	2.7	2.1	(1)
<i>Median</i>			-4.1		18.2		19.3		11.6		5.9		2.2	0.4	
Value															
AB	Value		-6.0	(4)	16.8	(2)	22.4	(1)	10.3	(2)	3.5	(3)	2.8	1.4	(1)
ART	Value		-2.2	(1)	17.8	(1)	21.7	(2)	15.9	(1)	-	-	2.8	1.2	(2)
DFA	Value		-7.3	(5)	8.8	(5)	17.5	(3)	10.0	(3)	4.9	(2)	3.8	-0.2	(3)
ELE	Value		-3.0	(2)	9.9	(4)	15.6	(5)	9.2	(5)	-	-	4.8	-0.6	(4)
WEL	Value		-5.4	(3)	13.9	(3)	16.7	(4)	9.8	(4)	6.7	(1)	2.2	-0.8	(5)
<i>Median</i>			-5.4		13.9		17.5		10.0		4.9		2.8	-0.2	
Growth															
AB	Grow th Trends		-4.9	(6)	18.8	(5)	18.0	(5)	10.0	(5)	2.9	(4)	3.8	-0.1	(5)
ART	Global Opportunities ₂		-3.2	(4)	22.5	(2)	21.0	(2)	16.4	(1)	-	-	6.0	0.4	(2)
FRK	Equity		-1.4	(1)	24.1	(1)	19.3	(3)	11.7	(4)	8.3	(1)	4.1	0.2	(3)
HAM	T Row e Price		-4.5	(5)	-	-	-	-	-	-	-	-	-	-	-
MFS	Grow th		-2.8	(3)	20.6	(4)	18.7	(4)	12.3	(3)	7.9	(2)	2.6	0.1	(4)
WEL	Grow th		-1.8	(2)	21.2	(3)	24.1	(1)	14.9	(2)	6.7	(3)	4.7	1.2	(1)
<i>Median</i>			-3.0		21.2		19.3		12.3		7.3		4.1	0.2	
Indexed															
AMPCI	NWIN		-3.3		16.0		18.8		11.8		-		0.2	2.1	
VAN			-2.9		16.6		19.3		12.0		5.9		1.7	0.5	
Emerging															
AMPCI			-13.0		-0.5		6.2		3.5		3.8		1.6	1.8	
ART			-13.4		-1.9		2.4		-3.5		-		2.7	-0.3	
MERCER			-12.2		-1.3		4.4		-0.3		-		5.1	0.2	
RUS			-13.7		-3.2		5.0		0.8		-		5.1	0.3	
Socially Responsible															
AMPCI	Responsible		-6.1		12.6		18.0		10.6		6.4		2.1	-0.2	
NIK	SRI		-4.3		20.2		19.0		11.2		-		3.2	0.2	
PFAM	Global Water		1.6		26.4		20.1		11.2		-		9.7	0.2	
Other															
JANA	High Alpha		-3.8		15.7		20.4		12.5		6.4		2.5	0.8	
Indexes															
MSCI 0% hedged ₁			-3.2		15.6		18.4		11.4		5.6				
MSCI 100% hedged			-6.9		2.6		14.8		12.6		6.0				
MSCI ACWI 0% hedged ₂			-4.3		13.7		16.6		9.8		5.4				
MSCI Emerging 0% hedged			-13.2		-1.7		3.3		-0.8		5.1				

Benchmark indexes

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Property		FUM	3 months		1 year		3 years		5 years		10 years		3 years pa		
		\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR
NZ Listed															
AMPCI	NZ Listed	17.5	0.1	(2)	16.1	(2)	14.3	(3)	15.6	(3)	-		2.3	1.0	(3)
ANZ	Property Securities	140.3	-0.4	(5)	14.9	(5)	15.2	(1)	16.2	(1)	9.9	(1)	3.1	1.0	(2)
MNT	Australasian	48.9	-0.1	(4)	14.9	(4)	13.9	(4)	14.8	(4)	-		2.8	0.7	(5)
NIK	Property Securities	40.3	-0.1	(3)	15.8	(3)	13.1	(5)	14.4	(5)	-		1.1	0.9	(4)
SALT	NZ Listed	278.4	0.2	(1)	16.8	(1)	14.5	(2)	15.9	(2)	9.9	(2)	1.7	1.5	(1)
<i>Median</i>			<i>-0.1</i>		<i>15.8</i>		<i>14.3</i>		<i>15.6</i>		<i>9.9</i>		<i>2.3</i>	<i>1.0</i>	
NZ Direct															
FIS	Property Fund	342.8	7.0	(1)	15.5	(1)	14.7	(1)	11.2	(1)	10.4	(1)	-	-	
TRU	Property Fund	99.0	1.6	(2)	7.3	(2)	8.7	(2)	8.3	(2)	8.2	(2)	8.6	-0.4	(1)
Global															
AMPCI	139%/100% hedged	117.6	3.0		18.1		15.9		15.6		9.2				
ANZ	100% hedged (ex Aus)	497.2	2.4		13.9		14.0		14.0		7.0				
IBB	100% hedged (AUD)	14.3	-0.5		9.7		11.6		12.1		-				
MERCER	139% hedged	86.2	-1.7		7.4		14.3		11.8		-				
RUS	100% hedged	385.4	-0.2		-		-		-		-				
Other															
ANZ	Trans-Tasman	354.9	-0.2		16.3		16.5		15.8		-				
Indexes															
NZX Property			0.1		15.7		12.0		13.4		7.9				

Australasian Bonds		FUM	3 months		1 year		3 years		5 years		10 years		3 years pa		
		\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR
AMPCI	AIF F ₁	1,789.0	2.2	(4)	9.3	(4)	5.1	(3)	6.5	(3)	7.6	(1)	0.5	2.5	(1)
ANZ	NZ Fixed Plus ₁	1,414.8	2.5	(2)	9.5	(2)	4.8	(5)	6.6	(2)	6.7	(4)	0.5	1.7	(4)
FIS	NZ Fixed Interest ₁	1,046.5	2.5	(1)	9.6	(1)	5.1	(4)	6.2	(4)	7.1	(3)	0.6	1.9	(3)
HAM	Core Fixed ₁₊₂	127.4	1.8	(6)	7.9	(6)	5.4	(2)	-		-		1.4	1.1	(5)
NIK	NZ Fixed Interest ₁	267.0	2.3	(3)	9.3	(3)	6.0	(1)	7.0	(1)	7.2	(2)	1.0	2.0	(2)
RUS	Harbour ₁₊₂	95.0	2.0	(5)	8.7	(5)	-		-		-		-	-	
<i>Median</i>			<i>2.3</i>		<i>9.3</i>		<i>5.1</i>		<i>6.6</i>		<i>7.2</i>		<i>0.6</i>	<i>1.9</i>	
Other															
AMPCI	Short Duration _x	210.8	1.6		6.9		5.4		5.4		-				
ANZ	Sovereign ₁	785.0	2.3		9.1		3.8		5.8		6.9				
ANZ	High Grade ₃	546.8	2.6		10.0		5.5		7.0		6.2				
HAM	Corporate Bonds ₂	230.8	2.1		7.9		5.9		6.3		-				
HAM	Short Duration _x	35.8	1.0		4.5		4.2		-		-				
MAM	Trans-Tasman _x	243.2	1.5		7.8		-		-		-				
NIK	Inv. Grade Corporate ₁	134.0	2.3		9.5		6.9		7.5		-				
QIC	Australian Fixed Interest* _x	705.9	1.1		6.4		5.0		6.2		6.9				
QIC	Inflation Plus* _x	1,343.4	-0.3		2.2		3.9		4.1		-				
Indexes															
NZX NZ Govt Stock ₁			2.2		9.0		3.9		5.6		6.3				
NZX Corporate A Grade ₂			2.0		8.5		5.7		6.3		7.0				
NZX All Sw aps ₃			2.5		9.1		4.4		5.3		7.0				

*The QIC Australian Fixed Interest Fund and Inflation Plus Fund notionally hedged returns presented are theoretical NZD hedged returns calculated by QIC.

Benchmark indexes

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Global Bonds		3 months		1 year		3 years		5 years		10 years		3 years pa			
		%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR	Rk
Core															
AB	Global Plus ₁	2.0	(2)	6.9	(2)	6.1	(6)	6.8	(5)	7.9	(5)	0.5	0.0	(4)	
AMPCI	AIF Q ₁	1.2	(7)	6.2	(5)	6.1	(7)	6.0	(8)	7.0	(7)	0.6	-0.1	(7)	
FIS	PIMCo ₁	0.5	(8)	5.2	(8)	6.2	(4)	8.0	(2)	8.4	(4)	2.0	0.0	(6)	
FIS	Wellington ₁	2.2	(1)	6.7	(3)	5.7	(8)	6.6	(6)	-		0.5	-0.9	(8)	
MERCER	Global Aggregate ₁	1.6	(4)	6.0	(6)	6.6	(3)	7.6	(4)	8.7	(3)	1.1	0.4	(3)	
NIK	GSAM ₁	2.0	(3)	5.7	(7)	6.1	(5)	6.4	(7)	7.4	(6)	1.0	0.0	(5)	
PIMCo	GIS ₁	1.5	(5)	7.1	(1)	6.9	(2)	8.6	(1)	9.3	(1)	1.1	0.8	(2)	
RUS	Global Bond ₁	1.3	(6)	6.3	(4)	7.0	(1)	8.0	(3)	8.7	(2)	1.2	0.8	(1)	
<i>Median</i>		<i>1.5</i>		<i>6.3</i>		<i>6.1</i>		<i>7.2</i>		<i>8.4</i>		<i>1.0</i>	<i>0.0</i>		
Other															
AMPCI	PIMCo Short Duration _x	0.5		4.4		4.5		5.3		-					
AMPCI	AIF HQ ₂	3.6		7.9		5.5		5.8		-					
ANZ	Sovereign _x	2.5		7.5		5.7		6.0		7.5					
ANZ	Credit _x	1.1		4.8		-		-		-					
DFA	5 year _x	1.8		6.7		4.8		5.4		6.7					
FIS	Absolute Return _x	0.7		7.0		6.5		-		-					
IBB	Global Active (AUD)	0.5		5.6		6.6		8.0		-					
LMI	Brandywine GOFI ₂	-3.2		3.4		8.9		10.0		10.1					
QIC	Alpha (AUD)	-1.7		-1.6		4.2		3.4		7.2					
WEL	Global Aggregate (AUD)	2.2		6.6		5.6		7.4		7.7					
Indexes															
Barclays Global Agg ₁		2.1		6.9		6.1		6.5		7.6					
Citigroup WGBI ₂		2.7		7.6		6.5		6.4		7.4					

Cash	FUM \$m	3 months		1 year		3 years		5 years		10 years		3 years pa		
		%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Tr	Err	IR
AMPCI ₁	3,949.5	0.9	(3)	4.0	(3)	3.7	(3)	3.8	(3)	5.4	(3)	0.1	8.9	(2)
ANZ ₁	2,598.6	0.9	(4)	3.9	(4)	3.6	(4)	3.6	(4)	5.4	(2)	0.1	6.7	(3)
FIS ₁	794.2	0.9	(2)	4.2	(2)	4.1	(2)	3.9	(2)	5.3	(4)	0.3	3.6	(4)
NIK ₁	603.0	1.0	(1)	4.4	(1)	4.1	(1)	4.1	(1)	5.7	(1)	0.1	9.4	(1)
<i>Median</i>		<i>0.9</i>		<i>4.1</i>		<i>3.9</i>		<i>3.8</i>		<i>5.4</i>		<i>0.1</i>	<i>7.8</i>	
Index														
NZX 90 Day BB ₁		0.8		3.6		3.1		3.0		4.7				

Diversified		3 months		1 year		3 years		5 years		10 years		Asset Allocation %		Currency
		%	Rk	%	Rk	%pa	Rk	%pa	Rk	%pa	Rk	Growth	Income	%
Balanced														
AMPCI	SRI	-3.3	(6)	4.6	(6)	10.5	(5)	9.6	(4)	-		63.5	36.5	20.0
ANZ		-1.6	(4)	10.0	(3)	13.2	(2)	11.7	(2)	8.5	(1)	60.3	39.7	14.5
ASB		-1.7	(5)	7.8	(4)	10.8	(4)	9.0	(5)	-		58.4	41.6	-
FIS		-0.2	(3)	7.5	(5)	9.8	(6)	8.7	(6)	7.6	(3)	59.6	40.4	11.5
MAM		-0.2	(2)	11.0	(2)	14.4	(1)	12.7	(1)	-		68.7	31.3	50.0
NIK		0.7	(1)	11.8	(1)	13.1	(3)	10.5	(3)	8.0	(2)	72.0	28.0	12.6
<i>Median</i>		<i>-0.9</i>		<i>8.9</i>		<i>12.0</i>		<i>10.1</i>		<i>8.0</i>		<i>61.9</i>	<i>38.1</i>	<i>14.5</i>

Benchmark indexes

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Alternatives/Other		FUM	3 months	1 year	3 years	5 years	10 years	3 years pa
		\$m	%	%	% pa	% pa	% pa	Volatility
Global Infrastructure								
AMPCI	100%/139% hedged	171.2	-8.7	2.1	16.4	-	-	11.2
FSI	100% hedged	141.8	-1.0	10.4	-	-	-	-
MAG	100% hedged (AUD)	919.3	3.3	16.7	17.9	16.9	-	8.4
MERCER	139% hedged	153.3	-5.4	3.9	14.5	13.5	-	10.1
Commodities								
AMPCI		417.6	-13.6	-23.1	-12.3	-	-	11.9
PFAM		63.6	-2.1	1.1	-2.9	-0.1	-	4.9
WEL		-	-9.0	-10.3	-8.2	-3.9	-	14.0
Australasian								
AAM		238.9	2.3	12.7	14.5	15.8	-	4.8
HAM	Income Fund	65.5	1.5	9.2	-	-	-	-
MAM	Income	1,109.9	1.2	11.7	14.8	14.6	-	3.5
MAM	Active Growth	640.6	1.8	12.3	18.3	17.4	-	5.4
NIK	Income Fund	5.8	3.3	9.6	7.8	7.9	-	2.2
SALT	Long/Short	28.4	6.1	15.2	-	-	-	-
Global								
FIS	Prop. & Infrastructure	-	-1.8	7.2	15.3	10.9	-	6.2
K2	Diversity Fund	193.5	-2.8	1.7	6.5	5.0	-	3.3
MERCER	Natural Resources	67.2	-5.5	-9.7	-2.4	0.2	-	8.0
MERCER	Real Assets	63.6	-0.9	6.3	10.9	10.0	-	6.0
MGH	US\$ fund	24.1	-0.9	19.3	15.6	8.1	5.8	8.8
NIK	JPMAAM	166.0	1.5	6.6	10.5	9.4	8.9	3.4
NIK	Option	157.9	5.6	9.3	11.6	9.3	12.1	5.3
NZAM	Global	578.0	0.1	7.8	10.9	6.9	6.3	5.8
NZAM	Alpha	36.8	2.8	9.4	-	-	-	-
PFAM	Global Equity	33.0	-6.3	13.0	15.8	-	-	9.4
QIC	Alternative Beta (AUD)	520.8	2.7	8.7	10.3	-	-	1.9

Acronym References

AAM	Aspiring Asset Management	FSI	First State Investments	NZAM	NZ Asset Management
AB	Alliance Bernstein	HAM	Harbour Asset Management	PFAM	Pathfinder Funds
AMPCI	AMP Capital Investors	IBB	Ibbotson Associates	PIE	Pie Funds
ANZ	ANZ Investments	LMI	Legg Mason Inc	QIC	QIC
ART	Artisan Partners	MAG	Magellan Asset Management	RUS	Russell Investment Group
ASB	ASB Group Investments	MAM	Milford Asset Management	SALT	Salt Funds Management
DEV	Devon Funds Management	MERCER	Mercer	SMS	SmartShares
DFA	Dimensional Fund Advisors	MFS	MFS Investment Management	TRU	Trust Management
ELE	Elevation Capital	MGH	MGH Asset Management	NIK	Nikko Asset Management
FIS	Fisher Funds Management	MLC	MLC	VAN	Vanguard Investments Australia
FRK	Franklin Templeton Investments	MNT	Mint Asset Management	WEL	Wellington Management Company

Benchmark indexes

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KiwiSaver Results (Net of investment fees)

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

Returns and Risk		FUM \$m	Growth 3 months		1 year		3 years		5 years		Risk %pa		
			BM%	%	Rk	%	Rk	%	Rk	%	Rk	3 Yr	5 Yr
Growth Funds													
AMP	Growth	469.3	80.0	-6.2	(10)	-0.3	(10)	8.3	(9)	7.5	(8)	6.1	7.2
ANZ	Growth	1,579.2	80.0	-3.1	(4)	9.2	(2)	14.2	(2)	11.8	(1)	6.2	6.6
AON	Russell Growth	22.9	75.0	-3.6	(6)	7.8	(3)	12.8	(3)	10.4	(3)	5.6	7.8
ASB	Growth	701.3	80.0	-3.2	(5)	7.2	(5)	12.1	(5)	9.4	(6)	5.6	6.2
BNZ	Growth	86.2	70.0	-4.6	(8)	4.1	(9)	n.a		n.a		n.a	n.a
Fisher Two	Growth	176.8	79.0	-2.9	(2)	4.3	(8)	9.4	(7)	7.9	(7)	5.1	6.1
Grosvenor	Balanced Growth	149.1	77.5	-3.0	(3)	6.4	(6)	9.1	(8)	6.4	(9)	4.7	5.3
Kiwi Wealth	Growth	808.9	85.0	-5.6	(9)	9.5	(1)	16.3	(1)	10.7	(2)	8.1	8.7
Mercer	High Growth	85.9	88.5	-4.5	(7)	6.2	(7)	12.4	(4)	9.6	(5)	5.3	6.1
Westpac	Growth	537.1	80.0	-2.2	(1)	7.5	(4)	11.6	(6)	9.7	(4)	4.3	5.0
<i>Median</i>			<i>80.0</i>	<i>-3.4</i>		<i>6.8</i>		<i>12.1</i>		<i>9.6</i>		<i>5.6</i>	<i>6.2</i>
Balanced Funds													
AMP	Balanced	630.6	60.0	-4.3	(10)	1.2	(10)	7.5	(10)	7.1	(9)	4.7	5.3
AMP	Nikko Balanced	21.9	62.0	-0.1	(1)	9.9	(2)	11.1	(5)	8.9	(5)	3.7	4.5
ANZ	Balanced Growth	937.7	65.0	-2.0	(7)	9.0	(3)	12.5	(2)	10.6	(2)	5.2	5.3
AON	Russell Balanced	54.2	60.0	-2.6	(9)	7.8	(5)	11.4	(4)	9.6	(3)	4.9	6.5
ASB	Balanced	687.3	60.0	-1.9	(5)	7.1	(6)	10.1	(6)	8.4	(7)	4.4	4.6
Fisher Two	Balanced	469.0	57.0	-1.3	(3)	5.1	(9)	8.0	(9)	7.0	(10)	3.8	4.3
Kiwi Wealth	Balanced	1,010.7	55.0	-2.6	(8)	8.7	(4)	11.7	(3)	8.9	(4)	4.8	5.0
Mercer	Balanced	221.9	53.5	-2.0	(6)	6.1	(8)	9.9	(7)	8.1	(8)	3.7	4.0
Milford	Balanced	77.0	61.0	-0.4	(2)	10.1	(1)	13.6	(1)	11.7	(1)	4.2	4.4
Westpac	Balanced	843.9	60.0	-1.5	(4)	6.9	(7)	9.8	(8)	8.4	(6)	3.6	4.1
<i>Median</i>			<i>60.0</i>	<i>-2.0</i>		<i>7.5</i>		<i>10.6</i>		<i>8.7</i>		<i>4.3</i>	<i>4.6</i>
Moderate Balanced Funds													
AMP	Moderate Balanced	414.0	50.0	-3.3	(4)	2.1	(4)	6.9	(3)	6.6	(2)	4.1	4.6
ANZ	Balanced	1,139.5	50.0	-1.1	(1)	8.4	(1)	10.6	(1)	9.3	(1)	4.2	4.1
BNZ	Balanced	114.9	50.0	-3.0	(3)	4.5	(3)	n.a		n.a		n.a	n.a
Grosvenor	Balanced	301.2	50.0	-2.1	(2)	6.1	(2)	7.4	(2)	6.1	(3)	3.8	3.9
<i>Median</i>			<i>50.0</i>	<i>-2.6</i>		<i>5.3</i>		<i>7.4</i>		<i>6.6</i>		<i>4.1</i>	<i>4.1</i>
Moderate Funds													
AMP	Moderate	289.0	40.0	-2.5	(5)	2.5	(5)	6.2	(4)	6.2	(4)	3.4	3.5
ANZ	Cons Balanced	549.6	35.0	-0.2	(1)	7.8	(1)	8.7	(2)	8.0	(2)	3.3	3.0
AON	Russell Moderate	15.3	40.0	-1.3	(3)	7.6	(2)	9.5	(1)	8.7	(1)	4.1	4.7
ASB	Moderate	901.2	40.0	-0.7	(2)	6.7	(3)	7.9	(3)	7.0	(3)	3.3	3.2
BNZ	Moderate	161.5	35.0	-1.9	(4)	4.7	(4)	n.a		n.a		n.a	n.a
<i>Median</i>			<i>40.0</i>	<i>-1.3</i>		<i>6.7</i>		<i>8.3</i>		<i>7.5</i>		<i>3.3</i>	<i>3.4</i>
Conservative Funds													
AMP	Conservative	249.0	25.0	-1.0	(13)	3.6	(13)	5.5	(11)	5.7	(9)	2.4	2.3
AMP	Default	1,192.7	20.0	-0.6	(12)	4.3	(12)	5.7	(10)	5.3	(12)	1.9	2.0
ANZ	Conservative	477.8	20.0	0.6	(2)	7.2	(3)	6.8	(5)	6.6	(2)	2.5	2.1
AON	Russell Cons	76.1	20.0	-0.1	(10)	7.5	(1)	7.7	(1)	7.7	(1)	3.7	3.5
ASB	Conservative	2,806.9	20.0	0.1	(7)	5.8	(8)	6.0	(8)	5.6	(10)	2.1	1.9
BNZ	Conservative	215.4	20.0	-0.6	(11)	4.6	(11)	n.a		n.a		n.a	n.a
Fisher	Conservative	352.6	21.0	0.6	(3)	6.4	(4)	6.9	(4)	6.4	(5)	2.5	2.2
Fisher Two	Conservative	105.0	30.0	0.5	(4)	5.8	(9)	6.2	(7)	6.1	(7)	2.3	2.3
Fisher Two	Default	605.0	21.0	0.9	(1)	5.9	(6)	5.9	(9)	5.9	(8)	2.1	1.8
Grosvenor	Conservative	109.5	25.0	0.0	(9)	5.9	(7)	5.1	(12)	5.5	(11)	2.7	2.7
Kiwi Wealth	Conservative	380.6	15.0	0.2	(6)	7.4	(2)	6.9	(3)	6.5	(3)	1.9	1.7
Mercer	Conservative	929.6	20.0	0.3	(5)	6.2	(5)	7.1	(2)	6.4	(4)	2.0	2.0
Westpac	Conservative	1,706.2	25.0	0.0	(8)	5.7	(10)	6.3	(6)	6.3	(6)	2.2	2.1
<i>Median</i>			<i>20.0</i>	<i>0.1</i>		<i>5.9</i>		<i>6.3</i>		<i>6.2</i>		<i>2.3</i>	<i>2.1</i>
Other Funds													
AMP	Aggressive	205.1	90.0	-7.2		-1.1		8.9		7.8		6.9	8.4
Fisher	Growth	950.8	95.0	-2.5		5.8		11.8		7.8		5.3	6.3
Grosvenor	High Growth	135.4	98.0	-3.9		6.1		10.9		6.7		5.6	6.9
Milford	Active Growth	381.2	n.a	1.5		10.6		15.6		14.5		4.9	4.9

Asset Allocation		NZ/Aus Shares	Global Shares	NZ/Aus Prop	Global Prop	Alt Asset	Growth Assets	NZ Bonds	Global Bonds	Alt Assets	Cash	Income Assets
Growth Funds												
AMP	Growth	18.9	44.5		9.4	11.6	84.4	4.2	4.3		7.0	15.6
ANZ	Growth	17.4	48.0	6.0	6.2		77.6	4.0	7.8		10.6	22.4
AON	Russell Growth	24.3	50.3				74.6	5.2	20.3			25.4
ASB	Growth	26.9	43.7		6.9		77.5	8.9	8.4		5.2	22.5
BNZ	Growth	17.4	52.7				70.1	5.2	20.5		4.3	29.9
Fisher Two	Growth	26.5	38.8	9.8			75.1	12.6	2.2		10.1	24.9
Grosvenor	Balanced Growth	18.0	43.9	3.2	3.2		68.4	12.9	11.7		7.1	31.6
Kiwi Wealth	Growth		80.7			3.8	84.5	2.0			13.5	15.5
Mercer	High Growth	17.7	53.7		16.1	2.0	89.5	2.7	2.4	2.0	3.4	10.5
Westpac	Growth	23.3	36.9	8.2		9.7	78.1	7.2	8.3		6.4	21.9
<i>Average</i>		<i>19.0</i>	<i>49.3</i>	<i>2.7</i>	<i>4.2</i>	<i>2.7</i>	<i>78.0</i>	<i>6.5</i>	<i>8.6</i>	<i>0.2</i>	<i>6.8</i>	<i>22.0</i>
Balanced Funds												
AMP	Balanced	14.8	32.6		7.3	9.5	64.1	12.1	12.3		11.5	35.9
AMP	Nikko Balanced	20.9	25.1	4.9		10.3	61.2	9.7	13.2	10.8	5.1	38.8
ANZ	Balanced Growth	13.4	38.9	4.9	5.1		62.3	7.2	15.6		15.0	37.7
AON	Russell Balanced	19.4	40.1				59.4	8.3	32.3			40.6
ASB	Balanced	19.3	32.2		7.0		58.4	16.8	16.9		7.8	41.6
Fisher Two	Balanced	18.1	25.2	9.9			53.2	21.8	13.1		12.0	46.8
Kiwi Wealth	Balanced		47.9			2.9	50.8	14.6	24.4		10.2	49.2
Mercer	Balanced	9.9	29.9		12.3	1.9	54.0	10.9	19.3	1.9	13.9	46.0
Milford	Balanced	34.7	34.0				68.7	4.3	12.0		15.0	31.3
Westpac	Balanced	18.8	28.7	3.8		7.1	58.4	15.3	19.4		6.9	41.6
<i>Average</i>		<i>16.9</i>	<i>33.4</i>	<i>2.4</i>	<i>3.2</i>	<i>3.2</i>	<i>59.0</i>	<i>12.1</i>	<i>17.8</i>	<i>1.3</i>	<i>9.7</i>	<i>41.0</i>
Moderate Balanced Funds												
AMP	Moderate Balanced	12.0	26.9		6.6	8.4	53.9	15.3	15.7		15.1	46.1
ANZ	Balanced	10.6	28.8	4.0	4.0		47.4	9.6	23.8		19.2	52.6
BNZ	Balanced	12.4	37.6				50.0	7.7	38.1		4.2	50.0
Grosvenor	Balanced	14.6	34.1	2.2	2.2		53.2	15.0	22.0		9.9	46.8
<i>Average</i>		<i>12.4</i>	<i>31.8</i>	<i>1.6</i>	<i>3.2</i>	<i>2.1</i>	<i>51.1</i>	<i>11.9</i>	<i>24.9</i>		<i>12.1</i>	<i>48.9</i>
Moderate Funds												
AMP	Moderate	9.3	20.7		5.4	7.9	43.3	18.0	18.4		20.3	56.7
ANZ	Cons Balanced	7.3	19.3	3.0	3.0		32.6	12.0	30.7		24.7	67.4
AON	Russell Moderate	13.5	25.9				39.4	12.3	48.3			60.6
ASB	Moderate	15.5	17.6		6.0		39.1	24.8	23.6		12.5	60.9
BNZ	Moderate	7.4	27.5				34.9	10.2	45.7		9.2	65.1
<i>Average</i>		<i>10.6</i>	<i>22.2</i>	<i>0.6</i>	<i>2.9</i>	<i>1.6</i>	<i>37.9</i>	<i>15.5</i>	<i>33.3</i>		<i>13.3</i>	<i>62.1</i>
Conservative Funds												
AMP	Conservative	4.7	13.0		4.5	6.7	28.9	22.1	22.5		26.6	71.1
AMP	Default	6.5	15.0				21.6	15.0	15.0		48.4	78.4
ANZ	Conservative	4.1	10.9	1.5	1.6		18.1	14.8	37.2		30.0	81.9
AON	Russell Cons	5.8	13.9				19.6	16.3	64.0			80.4
ASB	Conservative	8.7	10.8				19.5	29.9	28.4		22.2	80.5
BNZ	Conservative	4.9	14.0				19.0	11.0	35.0		35.1	81.0
Fisher	Conservative	7.3	10.4	2.9			20.6	36.4	29.8		13.2	79.4
Fisher Two	Conservative	7.4	10.2	9.2			26.7	39.0	21.4		12.9	73.3
Fisher Two	Default	5.6	6.8	6.7			19.0	43.6	24.9		12.5	81.0
Grosvenor	Conservative	8.6	12.8	1.5	1.5		24.4	30.3	27.8		17.5	75.7
Kiwi Wealth	Conservative		16.1			0.6	16.7	27.8	47.4		8.1	83.3
Mercer	Conservative	4.9	11.7		3.5		20.0	15.8	28.5		35.6	80.0
Westpac	Conservative	8.3	8.8	3.8		3.1	24.0	24.1	30.2		21.7	76.0
<i>Average</i>		<i>5.9</i>	<i>11.9</i>	<i>2.0</i>	<i>0.8</i>	<i>0.8</i>	<i>21.4</i>	<i>25.1</i>	<i>31.7</i>		<i>21.8</i>	<i>78.6</i>
Other Funds												
AMP	Aggressive	23.0	49.6		10.1	12.3	95.0	0.5	0.5		3.9	5.0
Fisher	Growth	33.6	46.2	2.9			82.7	6.1	3.7		7.6	17.3
Grosvenor	High Growth	20.4	54.3	4.6	4.6		83.8	5.2	5.3		5.7	16.2
Milford	Active Growth	57.2	10.2				67.4	1.9	2.6		28.1	32.6

Notes:

- Tracking error is the standard deviation of value added.
- 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.
- Information Ratio (IR) is value added divided by tracking error, i.e. risk adjusted performance.
- 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.
- 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.
- The Alliance Bernstein and Legg Mason global bond fund performance use a simulated hedge back to the NZ dollar.

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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