

Investment Survey

September 2016

Content:

Quarterly market overview

Wholesale Funds

KiwiSaver

Market Returns	Quarter %	Year %		Quarter %	Year %
NZX 50 (including imputation credits)	7.3	33.2	NZX NZ Government Bond	0.9	6.6
S&P/ASX 200 (AUD)	5.1	13.2	NZX Corporate A Grade	1.6	5.8
MSCI World - Local Currency	4.8	10.5	Barclays Global Aggregate	1.0	8.9
MSCI World - Hedged	5.3	13.1	Citigroup WGBI	0.4	9.0
MSCI World - Unhedged	2.7	-2.0	90 Day Bank Bill	0.6	2.7
MSCI Emerging Markets - Unhedged	6.8	2.7	NZ \$ / US \$	2.1	13.7
NZX Property	2.3	21.2	NZ \$ / A \$	-0.6	4.3

NZ cash and fixed interest The OCR was cut a further 0.25% to 2% on 11 August with the RBNZ indicating that further policy easing may be required to combat low inflation. The movement from NZ government bond yields was slightly negative with the 5 year yield falling 6 bps to 1.96% and the 10 year yield falling 8 bps to 2.27%. Conversely, the trajectory in the US was positive: the 5 year yield rose 17 bps to finish at 1.18% while 10 year yields rose 14 bps to 1.63%.

Equities The New Zealand equity market had a good quarter with a return of 7.3% from the S&P/NZX 50 index. Australian markets were slightly behind, returning 5.1% in Australian dollar terms. NZ investors who did not hedge the currency saw a slight pick-up as the NZ dollar weakened slightly against its Australian counterpart. The MSCI World index rose 5.3% fully hedged but only 2.7% in unhedged terms as the NZ dollar generally strengthened against the major currencies.

Currencies Over the quarter, the NZ dollar rose 2.1% against the US dollar and was up 5.1% against the British pound. The NZ dollar has been rising fairly steadily against the US over the past year, from 64.0c a year ago to 72.7c at 30 September.

Wholesale Funds

The returns from the core Australasian share managers this quarter were relatively tightly clustered, ranging from 8.1% to 5.7%. The top return came from Milford NZ shares, a strategy which has also achieved 1st place over the 10 year period with a 10 year annualised return of 13.2%. Over the last quarter and the last year, fewer than half the funds have achieved an above-benchmark return, which highlights the importance of good manager selection in achieving a return above benchmark.

The range of returns in the global shares sector this quarter was 6.8% down to 2.3%. Interestingly, Nikko's Socially Responsible fund came in top, while its core multi-manager fund was half way down the list. All but three funds beat the MSCI World Index this quarter. ANZ and MFS, two funds which have done well in recent years and are still ranked high over the 10 years, had weaker quarters with rankings of 9th and 11th respectively.

Returns from bonds remain relatively strong for the asset class with managers' results ranging from 1.2% to 1.9% over the quarter and 7.0% to 7.3% over the year. Nikko stands out in this section, beating all of its peers for all periods except for the 10 years, where it came in 2nd. While AMPCI achieved the best 10 year return at 7.7% per annum, this quarter it has come in last.

Global bond returns have been higher than NZ, thanks in part to the hedging premium available to NZ investors. PIMCO dominates this section, having achieved the best return for all periods shown.

KiwiSaver

With stronger returns from shares, we see that the more aggressive funds have had the best performance. It is interesting to note that over the last 8 years, the median annualised return from each category ranges from 8.2% (growth) to 6.1% (conservative) – a range of 2.1% per annum and perhaps less than one might have expected at the outset.

The best performing fund over the quarter and year was Milford Active Growth, returning 5.9% and 15.2% net of fees respectively. BNZ has had good results with its growth fund 3rd this quarter while its Balanced and Moderate funds each came first in their respective categories.

Wholesale Fund Returns

NZ & Australasian Shares		Aus. weight /Hedging %	FUM \$m	3 months % Rk	1 year % Rk	3 years % pa Rk	5 years % pa Rk	10 years % pa Rk	5 years pa Vol. IR Rk
Australasian									
AMPCI	Active ₁	0/0	466	5.7 (13)	29.5 (12)	17.8 (11)	18.5 (11)	10.2 (5)	9.4 0.0 (11)
AMPCI	Responsible ₁	0/0	11	5.9 (12)	31.0 (10)	18.6 (5)	-	-	- -
ANZ	Australasian ₁	8/0	830	6.5 (10)	32.3 (8)	17.2 (13)	18.7 (10)	9.9 (7)	9.4 0.0 (10)
ANZ	NZ Shares ₁	0/0	147	6.8 (8)	32.4 (7)	17.1 (14)	19.2 (8)	9.6 (8)	9.4 0.3 (7)
DEV	NZ Core ₁	-	161	6.3 (11)	29.1 (13)	19.8 (2)	20.5 (4)	-	9.4 0.6 (4)
FIS	Trans-Tasman _x	30/64	511	6.6 (9)	29.8 (11)	16.1 (15)	18.3 (13)	9.5 (9)	9.9 -0.1 (13)
HAM	Australasian Eq _x	34/46	476	7.6 (4)	32.9 (6)	17.2 (12)	19.4 (6)	-	10.0 0.2 (8)
MAM	NZ Equities ₁	0/0	301	8.1 (1)	34.9 (2)	18.9 (4)	22.3 (2)	13.2 (1)	9.2 1.2 (1)
MERCER	Trans-Tasman ₁	20/55	400	7.6 (3)	31.5 (9)	18.2 (9)	19.3 (7)	10.7 (3)	9.2 0.3 (6)
MNT	Trans-Tasman ₁	22/80	131	4.2 (15)	27.0 (15)	18.5 (6)	22.6 (1)	-	8.1 0.9 (2)
NIK	Core ₁	7/0	263	7.3 (5)	34.4 (3)	19.0 (3)	19.7 (5)	10.1 (6)	9.3 0.5 (5)
QAM	NZ Equity ₁	0/0	50	8.1 (2)	34.1 (4)	18.0 (10)	19.0 (9)	-	7.6 0.1 (9)
RUS	NZ Shares ₁	0/0	151	7.1 (6)	34.9 (1)	18.3 (8)	-	-	- -
SALT	NZ Share Plus ₁	1/98	475	5.7 (14)	28.5 (14)	18.3 (7)	18.5 (12)	10.5 (4)	9.8 0.0 (12)
SALT	Dividend Share ₁	0/0	88	6.8 (7)	33.8 (5)	21.2 (1)	20.9 (3)	12.4 (2)	9.2 0.7 (3)
<i>Median</i>				6.8	32.3	18.3	19.3	10.2	9.4 0.3
Other									
ANZ	ESF ₄		27	7.2	28.1	14.6	16.2	8.5	8.4
CPF	Trans-Tasman ₁		0	12.6	36.9	-	-	-	-
DEV	Trans-Tasman ₁₊₃		122	8.4	24.7	20.8	21.7	12.0	8.8
DEV	Alpha _x		105	5.0	14.9	16.2	19.4	-	7.5
DEV	Dividend Yield ₁₊₃		180	8.9	30.4	21.4	-	-	-
FIS	NZ Grow th _x		143	8.2	32.3	16.2	20.3	9.0	7.5
HAM	Equity Income _x		99	3.8	16.6	16.0	-	-	-
HAM	Focus ₁₊₃		59	5.3	26.8	-	-	-	-
MAM	Dynamic (small cap) _x		172	11.0	18.8	17.1	-	-	-
MAM	Trans-Tasman ₁₊₃		258	7.5	21.1	12.8	18.3	-	9.0
NIK	Concentrated ₄		86	2.7	19.8	18.4	18.7	12.3	9.0
NIK	Small Companies _x		5	3.2	17.0	10.9	16.0	8.6	12.1
PIE	Australasian Grow th _x		90	15.0	35.6	22.2	31.3	-	13.2
PIE	Emerging Funds		91	10.5	53.1	36.1	-	-	-
QAM	Altum Fund _x		30	5.6	22.9	-	-	-	-
SALT	Focus Share ₂		72	4.5	23.7	18.3	19.2	-	10.1
<i>Median</i>				7.3	24.2	17.1	19.2	9.0	9.0
Indexed									
SMS	NZ Top 10		83	7.4	36.1	13.2	14.7	6.5	10.6
SMS	NZ Top 50		203	5.7	28.2	16.5	18.4	7.6	9.3
SMS	NZ Mid Cap		74	5.2	24.4	19.2	20.3	7.2	8.5
SMS	Aus Mid Cap		86	7.3	19.5	13.8	12.9	4.3	14.0
SMS	Aus Top 20		86	5.0	0.2	0.9	5.2	4.6	14.3
<i>Number of funds</i>				36	36	33	27	19	
<i>Upper Quartile</i>				7.7	33.1	18.9	20.3	10.6	
<i>Median</i>				6.8	29.3	18.0	19.2	9.6	
<i>Lower Quartile</i>				5.5	23.5	16.2	18.4	8.1	
Indexes									
NZX 50 incl. ICs ₁				7.3	33.2	17.3	18.6	9.0	9.1
NZX 50 Portfolio ₂				6.5	31.3	18.1	19.7	9.1	8.6
ASX 200 (NZD) ₃				5.8	8.5	3.7	7.1	4.2	13.1
90 day BB + 5% pa ₄				1.9	7.9	8.4	8.2	9.5	0.1

An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark

Australian Shares		FUM	3 months		1 year		3 years		5 years		10 years		5 years pa Volatility
		\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	
AMPCI	Schroder	330	8.8	(1)	9.1	(3)	1.6	(6)	-	-	-	-	-
AMPCI	Australian	164	4.0	(5)	3.3	(6)	3.9	(3)	7.4	(4)	5.0	(1)	12.6
ANZ	Australian	649	3.7	(6)	5.9	(4)	2.6	(4)	7.8	(3)	-	-	12.5
DEV	Australian	30	8.5	(2)	16.2	(2)	12.1	(1)	13.9	(1)	-	-	12.0
FRK	Australian	1,700	6.9	(3)	5.0	(5)	2.4	(5)	7.0	(5)	4.9	(2)	14.0
QAM	Australian	30	5.1	(4)	18.5	(1)	9.7	(2)	10.5	(2)	-	-	12.2
<i>Median</i>			6.0		7.5		3.2		7.8		4.9		-
<i>Number of funds</i>			6		6		6		5		2		
<i>Upper Quartile</i>			7.7		12.7		6.8		9.8		4.9		
<i>Median</i>			6.0		7.5		3.2		7.8		4.9		
<i>Lower Quartile</i>			4.5		5.5		2.5		7.5		4.9		
Index													
ASX 200 (NZD)			5.8		8.5		3.7		7.1		4.2		13.1

Global Shares (unhedged)		Emerging		3 months		1 year		3 years		5 years		10 years		5 years pa		
		Mkts	%	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Vol.	IR	Rk
Style Neutral																
AB	Style Blend ₁	11.0	5.5	(2)	-3.1	(10)	11.3	(7)	13.1	(8)	0.9	(11)	11.1	0.1	(8)	
AMPCI	Core Global ₁	6.2	2.3	(15)	0.7	(2)	12.8	(1)	14.6	(5)	3.9	(6)	9.1	1.1	(3)	
AMPCI	Responsible ₂	11.3	2.9	(12)	-5.3	(14)	9.2	(13)	11.6	(14)	3.6	(7)	9.4	-0.6	(14)	
ANZ	Int'l Eq ₂	1.8	3.6	(9)	-0.4	(5)	12.2	(4)	15.1	(4)	5.8	(3)	10.0	1.1	(1)	
ART	Global Equity ₂	6.0	2.6	(13)	-4.1	(12)	11.2	(8)	16.8	(1)	-	-	11.5	0.8	(5)	
FIS	International _x	7.6	2.6	(14)	-2.9	(9)	9.2	(14)	10.1	(15)	2.9	(9)	8.8	-1.3	(15)	
FRK	Templeton ₂	11.5	5.4	(3)	-7.2	(15)	5.7	(15)	11.8	(13)	2.4	(10)	11.5	-0.2	(13)	
MERCER	Share Plus ₁	6.6	3.7	(6)	1.1	(1)	11.4	(6)	12.3	(12)	-	-	9.9	-0.1	(12)	
MFS	Global Eq ₁	-	3.2	(11)	-0.5	(6)	12.0	(5)	15.7	(3)	6.6	(2)	10.5	1.1	(2)	
MIM	High Opportunities ₂	0.0	4.5	(4)	0.5	(3)	11.1	(11)	13.7	(6)	4.2	(5)	9.5	0.5	(6)	
NIK	SRI ₁	-	6.8	(1)	-0.8	(7)	11.1	(10)	12.9	(9)	-	-	11.6	0.0	(10)	
NIK	Multi-Manager ₂	11.0	3.6	(8)	-0.3	(4)	12.5	(2)	13.6	(7)	-	-	9.1	0.4	(7)	
RUS	ISF _x	-	3.3	(10)	-3.9	(11)	10.1	(12)	12.9	(10)	3.0	(8)	10.8	0.1	(9)	
RUS	GOF _x	-	3.9	(5)	-1.6	(8)	11.1	(9)	12.6	(11)	4.3	(4)	10.5	-0.1	(11)	
WEL	Opportunities ₂	5.4	3.7	(7)	-5.0	(13)	12.4	(3)	15.8	(2)	6.9	(1)	11.0	1.1	(4)	
<i>Median</i>			3.6		-1.6		11.2		13.1		3.9		10.5	0.1		
Value																
AB	Value		4.3	(3)	-4.4	(8)	10.5	(3)	13.2	(3)	0.6	(4)	11.0	0.1	(3)	
ART	Value		5.1	(2)	-0.2	(2)	12.1	(2)	16.4	(1)	-	-	10.3	1.1	(1)	
DFA	Value		4.2	(4)	-2.6	(5)	8.0	(7)	12.4	(4)	2.2	(3)	10.4	-0.1	(4)	
ELE	Value		2.3	(7)	4.2	(1)	9.5	(4)	10.8	(6)	-	-	8.9	-0.4	(5)	
GMO	Equity		3.5	(5)	-1.8	(4)	8.0	(8)	10.0	(7)	3.4	(2)	9.1	-0.9	(7)	
MERCER	Low Volatility		-0.6	(8)	-0.5	(3)	12.7	(1)	-	-	-	-	-	-	-	
PZENA	Expanded Value		7.2	(1)	-3.6	(6)	9.2	(5)	13.6	(2)	-	-	11.7	0.2	(2)	
WEL	Value		2.3	(6)	-4.2	(7)	9.0	(6)	11.1	(5)	4.2	(1)	10.3	-0.8	(6)	
<i>Median</i>			3.9		-2.2		9.3		12.4		2.8		10.3	-0.1		
Growth																
AB	Grow th Trends		6.9	(2)	-1.5	(7)	11.8	(6)	12.7	(6)	1.1	(4)	11.8	0.0	(6)	
ANZ	Vontobel		0.4	(8)	-1.0	(6)	-	-	-	-	-	-	-	-	-	
ART	Global Opportunities ₂		8.6	(1)	6.1	(1)	15.4	(1)	18.2	(1)	-	-	12.1	0.9	(1)	
FRK	Equity		5.3	(4)	1.4	(3)	12.8	(4)	14.5	(4)	6.2	(1)	10.6	0.4	(5)	
HAM	T Row e Price		4.0	(5)	0.3	(4)	-	-	-	-	-	-	-	-	-	
MAG	Global		4.0	(6)	-4.4	(8)	12.9	(3)	16.7	(3)	-	-	11.4	0.7	(3)	
MFS	Grow th		2.7	(7)	1.9	(2)	12.4	(5)	14.2	(5)	6.0	(2)	10.0	0.5	(4)	
WEL	Grow th		5.8	(3)	-0.1	(5)	13.2	(2)	17.4	(2)	4.9	(3)	12.3	0.9	(2)	
<i>Median</i>			4.7		0.1		12.9		15.6		5.4		11.6	0.6		
Indexed																
AMPCI	NWIN		2.7	(1)	-1.6	(1)	11.1	(2)	13.2	(2)	-	-	9.4			
VAN			2.7	(2)	-1.9	(2)	11.3	(1)	13.3	(1)	3.7	(1)	9.6			
Other																
ELE	Absolute Return		-1.8		1.9		10.0		-		-	-	-			
MERCER	Small Companies		5.3		-1.0		10.8		15.8		-	-	11.8			
PFAM	Global Water		-		-		-		-		-	-	-			
<i>Number of funds</i>			35		35		33		31		20					
<i>Upper Quartile</i>			5.1		-0.1		12.4		15.0		5.1					
<i>Median</i>			3.7		-1.5		11.3		13.3		3.8					
<i>Lower Quartile</i>			2.7		-3.6		9.8		12.4		2.8					
Indexes																
MSCI 0% hedged ₁			2.7		-2.0		10.7		12.7		3.4		9.4			
MSCI 100% hedged			5.3		13.1		11.2		16.1		5.8		10.6			
MSCI ACWI 0% hedged ₂			3.1		-1.5		10.0		11.7		3.2		11.7			
Emerging Markets																
AMPCI			6.3	(5)	2.0	(5)	4.8	(4)	6.4	(1)	1.9	(3)	10.9			
ART			7.4	(3)	13.8	(1)	7.3	(1)	5.1	(4)	2.9	(1)	11.8			
GMO			7.0	(4)	7.7	(2)	3.8	(5)	3.4	(5)	2.1	(2)	11.8			
MERCER			9.0	(1)	5.7	(4)	5.0	(3)	5.3	(3)	-	-	12.2			
RUS			7.4	(2)	7.2	(3)	5.6	(2)	5.9	(2)	-	-	13.0			
MSCI Emerging 0% hedged			6.8		2.7		4.0		4.1		2.8		11.4			

An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark

Property & Infrastructure		FUM		3 months		1 year		3 years		5 years		10 years		5 years pa		
		\$m	%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Vol.	IR	Rk	
NZ Listed Property																
AMPCI	NZ Listed	22	2.2	(5)	21.0	(5)	17.8	(3)	16.9	(3)	-	-	-	7.1	1.1	(3)
ANZ	Property Securities	171	3.3	(1)	23.6	(1)	18.9	(1)	18.3	(1)	9.9	(1)	9.9	7.6	1.4	(2)
MNT	Australasian	55	2.2	(4)	21.2	(4)	16.9	(5)	16.7	(4)	-	-	-	6.7	0.8	(5)
NIK	Property Securities	36	2.4	(3)	22.1	(3)	17.1	(4)	15.7	(5)	-	-	-	7.2	0.9	(4)
SALT	NZ Listed	373	2.4	(2)	22.7	(2)	18.5	(2)	17.3	(2)	9.9	(2)	9.9	6.9	1.7	(1)
<i>Median</i>			2.4		22.1		17.8		16.9		9.9		9.9	7.1	1.1	
NZ Direct Property																
FIS	Property Fund	428	5.0	(1)	11.3	(2)	12.6	(1)	12.3	(1)	8.3	(1)	8.3	4.5		
TRU	Property Fund	113	1.4	(2)	13.5	(1)	10.0	(2)	9.4	(2)	8.2	(2)	8.2	2.2		
Australasian Listed Property																
ANZ	Trans-Tasman	440	2.5		24.3		19.8		19.9		-		-	7.9		
MERCER	Direct Property	102	2.6		14.8		13.3		11.2		-		-	3.1		
Global Property																
AMPCI	100% hedged	190	0.0		9.9		14.7		17.5		6.5		6.5	12.5		
ANZ	100% hedged (ex Aus)	595	1.0		13.7		14.9		17.1		5.1		5.1	12.7		
MERCER	139% hedged	97	3.3		17.4		12.8		17.2		-		-	13.9		
MIM	100% hedged (AUD)	132	-0.5		18.4		13.3		16.5		4.6		4.6	11.5		
RUS	100% hedged	339	2.4		12.9		-		-		-		-	-		
Global Infrastructure																
AMPCI	100%/139% hedged	278	4.0		12.0		14.6		-		-		-	-		
FSI	100% hedged	168	1.5		19.8		-		-		-		-	-		
MAG	100% hedged (AUD)	1,120	0.2		16.0		17.7		17.8		-		-	7.2		
MERCER	139% hedged (listed)	179	3.2		23.5		15.2		16.7		-		-	10.4		
MERCER	139% hedged (unlisted)	115	8.0		26.8		17.2		14.3		-		-	6.8		
<i>Number of funds</i>			19		19		17		16		7		7			
<i>Upper Quartile</i>			3.2		22.4		17.7		17.3		9.1		9.1			
<i>Median</i>			2.4		18.4		15.2		16.8		8.2		8.2			
<i>Lower Quartile</i>			1.5		13.6		13.3		15.4		5.8		5.8			
Index																
NZX Property			2.3		21.2		16.4		14.6		8.1		8.1	7.5		

Notes:

- 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.
- Tracking error is the standard deviation of value added. 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.

NZ Bonds		Modified Duration years	FUM \$m	3 months		1 year		3 years		5 years		10 years		5 years pa		
				%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Vol.	IR	Rk
Core																
AMPCI	AIF F ₁	4.6	1,817	1.2	(6)	6.9	(5)	7.5	(3)	6.3	(3)	7.7	(1)	2.9	2.0	(1)
ANZ	NZ Fixed Plus ₁	4.5	1,770	1.3	(5)	7.2	(4)	7.5	(2)	6.2	(4)	6.6	(4)	2.9	1.7	(2)
FIS	NZ Fixed Interest ₁	5.0	323	1.4	(3)	7.3	(2)	7.4	(4)	6.0	(5)	7.2	(3)	2.4	0.8	(4)
HAM	Core Fixed ₁₊₂	4.2	220	1.4	(4)	7.2	(3)	7.0	(6)	6.3	(2)	-	-	2.0	0.7	(5)
NIK	NZ Fixed Interest ₁	4.8	284	1.9	(1)	7.3	(1)	7.7	(1)	6.8	(1)	7.2	(2)	2.3	1.4	(3)
RUS	Harbour ₁₊₂	4.5	124	1.4	(2)	6.9	(6)	7.2	(5)	-	-	-	-	-	-	-
<i>Median</i>				1.4		7.2		7.4		6.3		7.2		2.4	1.4	
Other																
AMPCI	Short Duration _x		279	1.2		4.7		5.5		5.1		-		0.8		
ANZ	Sovereign ₁		1,043	0.9		6.8		7.0		5.5		6.8		3.2		
ANZ	High Grade ₃		727	1.6		7.4		7.9		6.6		6.2		2.8		
HAM	Corporate Bonds ₂		288	1.6		5.7		6.4		6.0		-		1.3		
HAM	Short Duration _x		47	0.9		3.6		4.0		-		-		-		
MAM	Trans-Tasman _x		336	1.9		6.7		-		-		-		-		
NIK	Inv. Grade Corporate ₁		327	2.0		6.8		7.7		7.1		-		1.9		
<i>Number of funds</i>				13		13		12		10		6				
<i>Upper Quartile</i>				1.6		7.2		7.5		6.6		7.2				
<i>Median</i>				1.4		6.9		7.3		6.2		7.0				
<i>Lower Quartile</i>				1.2		6.7		6.8		6.0		6.7				
Indexes																
NZX NZ Govt Stock ₁				0.9		6.6		6.9		5.3		6.4		3.0		
NZX Corporate A Grade ₂				1.6		5.8		6.6		5.9		7.0		5.9		
NZX All Swaps ₃				1.5		7.0		6.9		5.4		7.0		2.5		

An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark

Global Bonds		3 months		1 year		3 years		5 years		10 years		5 years pa		
		%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Vol.	IR	Rk
Core														
AB	Global Plus ₁	1.0	(7)	9.1	(5)	8.4	(5)	7.4	(5)	8.2	(5)	2.8	0.5	(5)
AMPCI	AIF Q ₁	1.2	(6)	7.3	(8)	7.4	(8)	6.8	(8)	7.2	(7)	2.6	-0.3	(7)
FIS	PIMCO ₁	2.1	(2)	10.3	(2)	9.1	(2)	8.7	(3)	8.8	(4)	3.6	0.8	(3)
FIS	Wellington ₁	0.8	(8)	8.6	(7)	8.0	(7)	7.0	(7)	-		2.7	-0.3	(8)
MERCER	Global Aggregate ₁	1.5	(5)	8.7	(6)	8.5	(4)	8.2	(4)	9.0	(3)	2.6	0.8	(4)
NIK	GSAM ₁	1.7	(4)	9.3	(4)	8.2	(6)	7.3	(6)	7.8	(6)	2.4	0.2	(6)
PIMCO	GIS ₁	2.3	(1)	10.6	(1)	9.5	(1)	9.4	(1)	9.7	(1)	3.2	1.4	(1)
RUS	Global Bond ₁	1.8	(3)	9.7	(3)	8.9	(3)	8.9	(2)	9.1	(2)	3.1	1.3	(2)
<i>Median</i>		1.6		9.2		8.4		7.8		8.8		2.7	0.7	
Other														
AMPCI	PIMCO Short Duration _x	1.0		4.5		4.9		5.2		-		1.4		
AMPCI	AIF HQ ₂	0.4		5.9		6.8		5.6		-		2.4		
ANZ	Sovereign _x	0.5		7.9		7.7		6.5		7.7		3.0		
ANZ	Credit _x	2.1		10.6		8.3		-		-		-		
DFA	5 year _x	0.8		5.9		5.9		5.4		6.7		2.1		
FIS	Absolute Return _x	2.3		7.9		7.4		7.4		-		2.1		
LMI	Brandywine GOF ₂	1.9		11.4		10.1		10.8		10.4		5.9		
MERCER	Global Sovereign	1.2		8.7		9.5		8.3		-		3.1		
MERCER	Global Credit	2.2		10.1		9.1		9.7		-		3.5		
MIM	Global Active (AUD)	1.1		7.1		7.5		8.0		-		2.9		
QIC	Alpha (AUD)	-		-		-		-		-		-		
WEL	Global Aggregate (AUD)	0.5		8.1		7.7		7.3		8.2		2.8		
<i>Number of funds</i>		19		19		19		18		11				
<i>Upper Quartile</i>		2.0		9.9		9.0		8.6		9.1				
<i>Median</i>		1.2		8.7		8.2		7.4		8.2				
<i>Lower Quartile</i>		0.9		7.6		7.4		6.8		7.7				
Indexes														
Barclays Global Agg ₁		1.0		8.9		8.1		7.1		7.9		2.6		
Citigroup WGBI ₂		0.4		9.0		8.5		7.1		7.7		2.8		

Cash		FUM \$m	3 months		1 year		3 years		5 years		10 years		5 years pa		
			%	Rk	%	Rk	% pa	Rk	% pa	Rk	% pa	Rk	Vol.	IR	Rk
AMPCI ₁		4,309	0.7	(4)	3.0	(3)	3.5	(3)	3.5	(3)	4.9	(2)	0.1	8.0	(2)
ANZ ₁		4,027	0.7	(3)	3.0	(4)	3.5	(4)	3.5	(4)	4.8	(4)	0.1	6.0	(3)
FIS ₁		433	0.9	(1)	3.2	(2)	3.8	(2)	3.8	(2)	4.9	(3)	0.2	4.1	(4)
NIK ₁		713	0.8	(2)	3.4	(1)	3.9	(1)	4.0	(1)	5.2	(1)	0.1	8.3	(1)
<i>Median</i>			0.8		3.1		3.7		3.7		4.9		0.1	7.0	
<i>Number of funds</i>			4		4		4		4		4				
<i>Upper Quartile</i>			0.9		3.2		3.8		3.8		5.0				
<i>Median</i>			0.8		3.1		3.7		3.7		4.9				
<i>Lower Quartile</i>			0.7		3.0		3.5		3.5		4.8				
Index															
NZX 90 Day BB ₁			0.6		2.7		3.1		3.0		4.2		0.1		

An 'x' indicates that the fund is either not benchmarked against any of the indexes shown or does not have a benchmark

Alternatives/Other	FUM	3 months	1 year	3 years	5 years	10 years	5 years pa Volatility
	\$m	%	%	% pa	% pa	% pa	
Commodities							
AMPCI	221	-2.7	2.9	-8.4	-5.4	-	12.7
PFAM	72	-1.1	2.6	0.4	-0.2	-	5.8
WEL	-	-2.7	-11.6	-6.9	-6.8	-	13.6
Australasian							
AAM	316	5.7	20.3	14.9	18.1	14.8	6.8
CPF Ranger	14	16.5	24.3	-	-	-	-
HAM Income Fund	78	2.1	8.6	-	-	-	-
MAM Income	1,481	3.1	16.4	14.6	15.8	-	3.7
MAM Active Growth	754	6.5	16.9	15.3	19.8	-	5.9
NIK Income Fund	10	2.9	9.4	9.2	8.9	-	1.9
SALT Long/Short	175	3.0	17.8	-	-	-	-
Global							
FIS Prop. & Infrastructure	65	1.3	18.4	15.7	15.8	-	6.5
K2 Diversity Fund	186	2.2	5.7	4.9	6.0	-	2.8
MERCER Natural Resources	78	-0.8	7.4	-0.8	0.3	-	8.7
MERCER Real Assets	60	3.4	19.1	12.6	12.5	5.1	6.4
MERCER Liquid Alternatives	123	1.8	0.6	5.8	-	-	-
MGH US\$ fund	24	4.7	-0.4	10.4	8.8	4.5	9.2
NIK Multi-Strategy	189	2.2	4.1	6.5	8.2	7.7	3.7
NIK Option	189	4.6	15.0	13.2	14.6	11.1	5.2
NZAM Global	-	1.1	-2.2	4.8	6.2	4.4	5.4
NZAM Alpha	-	-1.2	-3.1	4.9	-	-	-
PFAM Global Equity	31	1.7	0.2	11.0	-	-	-
SLI Absolute Return	94	1.2	0.0	6.4	7.9	9.1	4.4
<i>Number of funds</i>		22	22	19	16	7	
<i>Upper Quartile</i>		3.3	16.8	12.9	14.9	10.1	
<i>Median</i>		2.1	6.6	6.5	8.5	7.7	
<i>Lower Quartile</i>		1.1	0.3	4.8	4.5	4.8	

Diversified Funds	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	2.7	(7)	7.0	(7)	8.3	(7)	10.5	(7)	-		61.4	38.6	20.0
ANZ	3.0	(6)	9.9	(6)	10.9	(3)	13.1	(2)	8.0	(1)	60.6	39.4	24.7
ASB	3.6	(3)	11.6	(4)	10.5	(4)	11.3	(4)	6.5	(5)	59.2	40.8	-
FIS	3.7	(2)	12.1	(2)	10.1	(5)	11.0	(5)	7.2	(3)	56.6	43.4	12.0
MAM	4.0	(1)	12.2	(1)	12.5	(1)	14.6	(1)	-		61.2	38.8	15.0
MERCER	3.2	(5)	10.5	(5)	10.1	(6)	10.9	(6)	6.8	(4)	57.3	42.7	18.9
NIK	3.3	(4)	11.9	(3)	12.2	(2)	12.8	(3)	7.9	(2)	71.9	28.1	8.1
<i>Number of funds</i>	7		7		7		7		5				
<i>Upper Quartile</i>	3.6		12.0		11.6		13.0		7.9		61.3	41.8	19.7
<i>Median</i>	3.3		11.6		10.5		11.3		7.2		60.6	39.4	17.0
<i>Lower Quartile</i>	3.1		10.2		10.1		11.0		6.8		58.2	38.7	12.7

KiwiSaver Results – Return and Risk (net of investment fees)

Returns and Risk	FUM	Growth BM	3 months		1 year		5 years		8 years		Risk	
	\$m	%	%	Rank	%	Rank	% pa	Rank	% pa	Rank	5 year	8 year
High Growth												
Booster	161	98.0	4.1		9.4		10.7		5.8		6.1	9.3
Fisher - Growth	1,176	95.0	4.4		12.5		11.8		10.6		5.8	10.0
Growth												
AMP - Aggressive	239	90.0	4.5	(4)	12.1	(5)	10.9	(9)	5.7	(10)	8.3	11.2
AMP	560	80.0	4.0	(8)	11.0	(8)	10.0	(10)	5.8	(9)	7.2	9.5
ANZ	1,957	80.0	3.2	(12)	9.5	(11)	13.8	(2)	9.4	(2)	6.5	8.6
AON (Russell)	28	75.0	4.2	(6)	11.3	(7)	12.8	(3)	8.6	(3)	7.2	11.6
ASB	943	80.0	4.3	(5)	12.7	(3)	12.5	(5)	8.1	(6)	5.9	9.0
BNZ	137	70.0	4.6	(3)	13.1	(2)	-		-		-	-
Booster - Balanced Growth	187	75.0	3.8	(10)	9.3	(12)	9.5	(11)	-		5.0	-
Fisher Two	221	75.0	4.2	(7)	11.8	(6)	11.4	(7)	7.8	(7)	6.2	8.6
Kiwi Wealth	899	85.0	3.0	(13)	0.1	(13)	12.7	(4)	6.1	(8)	8.4	9.6
Mercer	35	75.0	3.8	(9)	11.0	(9)	-		-		-	-
Mercer - High Growth	107	90.0	4.6	(2)	12.3	(4)	12.3	(6)	8.3	(5)	6.5	10.1
Milford - Active Growth	558	80.0	5.9	(1)	15.2	(1)	16.9	(1)	14.2	(1)	5.3	5.4
Westpac	717	80.0	3.5	(11)	9.6	(10)	11.2	(8)	8.4	(4)	5.2	6.6
Median		80.0	4.2		11.3		12.3		8.2		6.5	9.2
Balanced												
AMP	740	60.0	3.3	(6)	9.6	(7)	8.9	(10)	6.2	(10)	5.4	6.8
AMP - Nikko Balanced	37	62.0	4.1	(1)	10.7	(3)	11.3	(4)	7.7	(4)	4.3	6.7
ANZ - Balanced Growth	1,225	65.0	2.6	(10)	8.7	(8)	12.2	(2)	8.8	(1)	5.3	6.9
AON (Russell)	86	60.0	3.6	(3)	10.6	(4)	11.7	(3)	8.6	(2)	6.0	9.7
ASB	881	60.0	3.4	(4)	11.0	(1)	10.7	(5)	7.6	(6)	4.5	6.8
Booster	348	55.0	3.1	(7)	8.5	(9)	8.1	(11)	6.2	(9)	3.9	5.4
Fisher Two	555	57.0	3.4	(5)	10.2	(5)	9.6	(9)	7.3	(7)	4.4	5.8
Kiwi Wealth	1,125	55.0	2.2	(11)	1.7	(11)	9.6	(8)	6.2	(8)	4.9	5.7
Mercer	272	55.0	3.0	(8)	9.8	(6)	9.8	(6)	7.8	(3)	4.2	7.0
Milford	112	60.0	3.7	(2)	10.9	(2)	13.6	(1)	-		4.6	-
Westpac	1,030	60.0	2.9	(9)	8.4	(10)	9.6	(7)	7.7	(5)	4.1	5.5
Median		60.0	3.3		9.8		9.8		7.6		4.5	6.8
Moderate Balanced												
AMP	500	50.0	2.8	(2)	8.8	(2)	8.1	(2)	5.9	(2)	4.6	5.8
ANZ - Balanced	1,486	50.0	2.1	(3)	8.0	(3)	10.5	(1)	8.1	(1)	4.1	5.3
BNZ - Balanced	172	50.0	3.6	(1)	11.6	(1)	-		-		-	-
Median		50.0	2.8		8.8		9.3		7.0		4.3	5.5
Moderate												
AMP	354	40.0	2.4	(4)	7.9	(5)	7.3	(4)	5.8	(5)	3.6	4.2
ANZ - Cons. Balanced	709	35.0	1.6	(7)	7.1	(7)	8.8	(2)	7.3	(2)	3.0	3.7
AON (Russell)	18	40.0	2.8	(2)	9.8	(2)	10.2	(1)	8.5	(1)	4.5	6.9
ASB	1,139	40.0	2.6	(3)	9.6	(3)	8.6	(3)	6.9	(3)	3.2	4.7
BNZ	230	35.0	2.9	(1)	9.8	(1)	-		-		-	-
Booster	127	35.0	2.0	(6)	7.3	(6)	6.3	(5)	5.9	(4)	2.6	3.5
Mercer	51	35.0	2.1	(5)	8.0	(4)	-		-		-	-
Median		35.0	2.4		8.0		8.6		6.9		3.2	4.2
Conservative												
AMP	296	25.0	1.7	(10)	6.6	(10)	6.3	(9)	5.9	(8)	2.5	2.6
AMP - Default	1,277	20.0	1.8	(8)	6.4	(11)	6.0	(11)	5.1	(10)	2.1	2.4
ANZ	601	20.0	1.2	(13)	6.3	(12)	7.0	(5)	6.4	(4)	2.1	2.3
AON (Russell)	77	20.0	2.0	(6)	8.5	(1)	8.7	(1)	8.3	(1)	3.5	4.6
ASB	3,294	20.0	2.0	(5)	7.6	(6)	6.5	(8)	6.0	(6)	1.9	2.3
BNZ	323	20.0	2.0	(4)	7.6	(5)	-		-		-	-
Fisher	472	21.0	1.9	(7)	7.8	(3)	7.4	(2)	-		2.2	-
Fisher Two	121	30.0	2.2	(1)	7.7	(4)	7.3	(3)	6.5	(3)	2.3	3.4
Fisher Two - Default	683	21.0	2.0	(2)	7.6	(7)	6.7	(7)	6.0	(7)	1.9	2.2
Kiwi Wealth	472	15.0	1.4	(12)	3.0	(13)	6.3	(10)	5.6	(9)	1.7	2.1
Mercer	1,017	20.0	1.7	(9)	7.4	(8)	7.2	(4)	7.0	(2)	2.0	3.1
Milford	27	17.0	2.0	(3)	8.2	(2)	-		-		-	-
Westpac	2,032	25.0	1.6	(11)	6.8	(9)	6.8	(6)	6.1	(5)	2.2	2.5
Median		20.0	1.9		7.6		6.8		6.1		2.1	2.5

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

KiwiSaver Results – Asset Allocation

Asset Allocation	NZ/Aus Shares %	Global Shares %	Property %	Alt. Assets %	Growth Assets %	NZ Bonds %	Global Bonds %	Alt. Assets %	Cash %	Income Assets %
High Growth										
Booster	21.3	50.2	8.9		80.3	7.0	5.0		7.6	19.7
Fisher - Growth	29.7	38.3	9.4		77.4	8.5	6.5		7.6	22.6
Growth										
AMP - Aggressive	23.0	55.3	8.7	2.9	89.9	0.5	0.6		9.0	10.1
AMP	19.3	49.1	8.2	3.0	79.6	3.9	4.0		12.5	20.4
ANZ	17.4	45.6	11.9		74.8	4.7	7.7		12.8	25.2
AON (Russell)	25.1	50.8			75.8	4.9	19.3			24.2
ASB	27.6	44.5	6.8		79.0	8.9	8.9		3.2	21.0
BNZ	19.1	52.3			71.3	4.9	19.7		4.1	28.7
Booster - Balanced Growth	22.5	41.6	7.0		71.2	11.1	10.3		7.4	28.8
Fisher Two	22.9	38.8	7.9		69.6	19.7	3.9		6.7	30.4
Kiwi Wealth	0.2	85.1		6.8	92.2	1.1			6.7	7.8
Mercer	10.9	46.9	6.6	10.8	75.1	4.9	10.6	2.0	7.3	24.9
Mercer - High Growth	17.1	55.9	6.6	10.5	90.2	1.9	2.4	1.9	3.7	9.8
Milford - Active Growth	62.9	8.8			71.7	1.9	2.5		23.8	28.3
Westpac	24.0	35.4	8.9	8.0	76.3	7.9	8.0		7.9	23.7
Average	22.5	46.9	5.6	3.2	78.2	5.9	7.5	0.3	8.1	21.8
Balanced										
AMP	15.3	36.2	6.2	2.1	59.8	11.9	11.9		16.4	40.2
AMP - Nikko Balanced	21.0	26.2	4.9	9.7	61.8	14.0	14.1	10.1		38.2
ANZ - Balanced Growth	13.6	36.1	9.6		59.3	8.5	15.5		16.7	40.7
AON (Russell)	20.2	40.8			61.0	7.9	31.1			39.0
ASB	19.7	32.6	6.8		59.2	16.8	17.9		6.1	40.8
Booster	16.3	33.4	5.1		54.8	14.5	22.4		8.3	45.2
Fisher Two	16.4	26.9	8.2		51.5	28.3	12.4		7.9	48.5
Kiwi Wealth	0.1	50.7		4.4	55.2	5.6	29.2		9.9	44.8
Mercer	9.0	31.2	5.8	9.3	55.3	9.8	17.6	2.0	15.3	44.7
Milford	41.1	19.7			60.8	5.3	25.2		8.7	39.2
Westpac	19.0	27.9	4.5	6.0	57.4	15.9	18.9		7.7	42.6
Average	17.4	32.9	4.7	2.9	57.8	12.6	19.7	1.1	8.8	42.2
Moderate Balanced										
AMP	12.7	29.5	5.7	1.5	49.3	14.8	14.8		21.1	50.7
ANZ - Balanced	10.9	27.1	7.7		45.7	11.3	23.4		19.6	54.3
BNZ - Balanced	13.7	37.6			51.2	7.3	37.2		4.3	48.8
Average	12.4	31.4	4.5	0.5	48.7	11.1	25.1		15.0	51.3
Moderate										
AMP	9.6	23.8	4.8	1.5	39.7	17.8	17.9		24.6	60.3
ANZ - Cons. Balanced	7.6	17.1	5.8		30.5	14.1	30.3		25.0	69.5
AON (Russell)	14.3	26.8			41.1	11.9	47.0			58.9
ASB	15.8	17.8	5.8		39.4	24.8	24.8		10.9	60.6
BNZ	8.3	27.9			36.2	9.9	45.2		8.8	63.8
Booster	9.2	14.7	2.9		26.9	28.1	29.3		15.7	73.1
Mercer	6.0	19.0	3.4	6.6	35.0	12.9	22.7	2.0	27.5	65.0
Average	10.1	21.0	3.2	1.2	35.5	17.1	31.0	0.3	16.1	64.5
Conservative										
AMP	5.2	14.6	3.8	1.0	24.5	21.8	21.9		31.7	75.5
AMP - Default	7.2	15.0			22.2	14.7	14.6		48.5	77.8
ANZ	4.5	9.5	2.9		16.9	17.0	38.7		27.4	83.1
AON (Russell)	6.2	14.6			20.8	16.0	63.2			79.2
ASB	8.9	10.9			19.8	29.7	29.8		20.7	80.2
BNZ	5.5	14.8			20.3	10.6	35.3		33.8	79.7
Fisher	5.9	7.0	7.5		20.3	40.9	23.7		15.1	79.7
Fisher Two	6.8	11.3	7.6		25.6	44.9	21.0		8.5	74.4
Fisher Two - Default	4.9	7.4	5.5		17.8	49.5	24.7		8.0	82.2
Kiwi Wealth	0.0	14.6		1.1	15.8	11.5	56.0		16.8	84.2
Mercer	4.1	12.8	1.7	2.2	20.8	14.7	29.1		35.3	79.2
Milford	11.4	4.3			15.7	25.1	48.0		11.3	84.3
Westpac	8.5	8.5	4.5	2.0	23.5	24.4	30.0		22.1	76.5
Average	6.1	11.2	2.6	0.5	20.3	24.7	33.5		21.5	79.7

Acronym References

AAM	Aspiring Asset Management	HAM	Harbour Asset Management	PFAM	Pathfinder Funds
AB	Alliance Bernstein	JANA	Jana	PIE	Pie Funds
AMPCI	AMP Capital Investors	K2	K2 Advisors	PZENA	PZENA Investment Management
ANZ	ANZ Investments	KAM	Kingtide Asset Management	QAM	QuayStreet Asset Management
ART	Artisan Partners	LMI	Legg Mason Inc	QIC	QIC
ASB	ASB Group Investments	MAG	Magellan Asset Management	RUS	Russell Investment Group
CPF	Castle Point Funds	MAM	Milford Asset Management	SALT	Salt Funds Management
DEV	Devon Funds Management	MERCER	Mercer	SLI	Standard Life
DFA	Dimensional Fund Advisors	MFS	MFS Investment Management	SMS	SmartShares
ELE	Elevation Capital	MGH	MGH Asset Management	TRU	Trust Management
FIS	Fisher Funds Management	MIM	Morningstar	NIK	Nikko Asset Management
FRK	Franklin Templeton Investments	MLC	MLC	VAN	Vanguard Investments Australia
FSI	First State Investments	MNT	Mint Asset Management	WEL	Wellington Management Company
GMO	GMO	NZAM	NZ Asset Management		

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