

TITLE:

Monthly Performance and Portfolio Report – October 2017

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EVENT | PRESENTATION:

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Overview

- The Fund returned 2.62% in October 2017, bringing the 1 year return to 22.27%. Over this period the Fund returned \$0.9 billion in excess of the passive Reference Portfolio. As at 31 October 2017 the Fund was worth \$37.21 billion.

	As at 31 October 2017 (unaudited)
Fund size	\$37.21 billion
Value of NZ investments	\$5.3 billion or 14.3% of investments*
Return since inception (30 September 2003)	10.49% p.a.
Last 10 years	9.06% p.a.
Last 5 years	16.20% p.a.
Last 3 years	12.93% p.a.
Last 12 months	22.27%
October 2017	2.62%

Because of its weighting to growth assets, the Fund can experience large short-term movements. As a long-term investor we have a greater-than-average ability to withstand this volatility. Shifts in value from month to month must be seen in the context of the Fund's long-term purpose and performance.

Fund returns are unaudited and calculated before NZ tax and after costs. We consider tax paid as a return to the Crown.

* The value given for NZ investments excludes cash and foreign exchange hedging instruments.

Performance summary

- The Fund measures its performance in two ways:
 - relative to the NZ 90 day Treasury Bill return; and
 - relative to a passive [Reference Portfolio](#) benchmark.

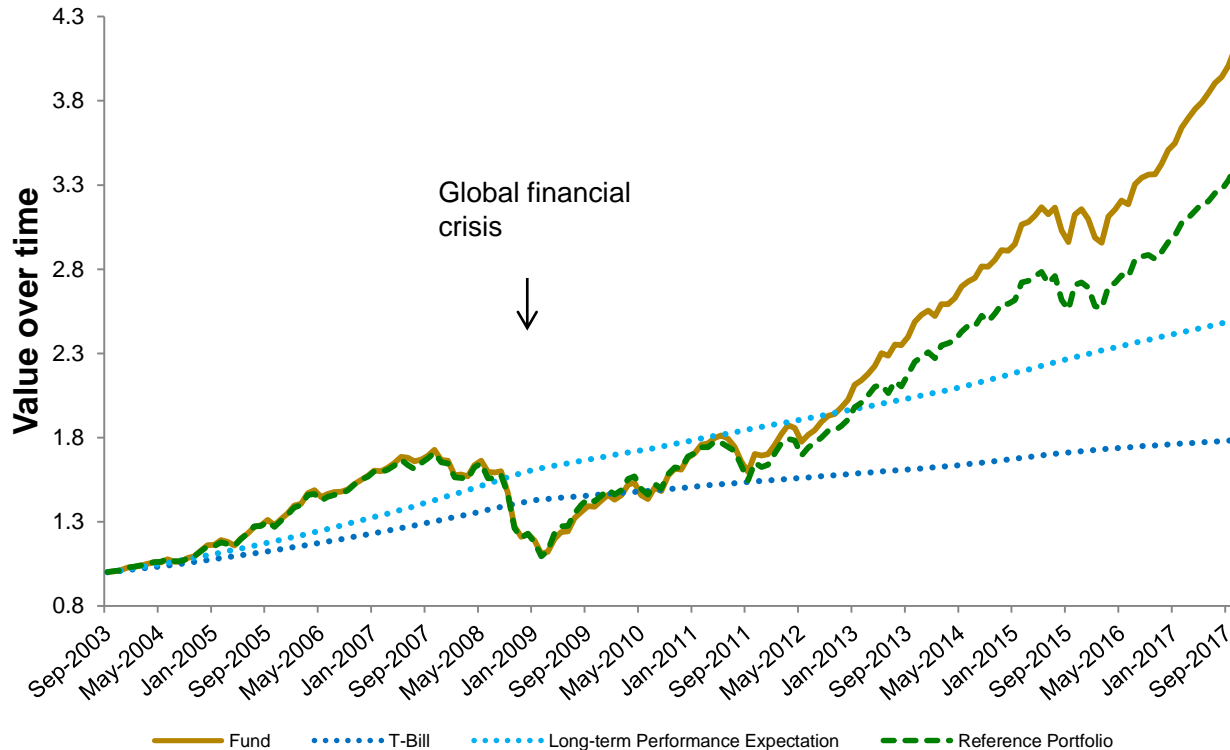
Performance as at 31 October 2017	October 2017	Last 12 months	Last 3 years p.a.	Last 5 years p.a.	Last 10 years p.a.	Since inception p.a.
Actual Returns	2.62%	22.27%	12.93%	16.20%	9.06%	10.49%
Reference Portfolio Return	2.44%	19.22%	10.38%	13.10%	7.13%	9.04%
Treasury Bill return	0.15%	1.75%	2.42%	2.51%	3.20%	4.17%
Long-term performance expectation*	0.38%	4.44%	5.08%	5.11%	5.74%	6.67%

*Given the investment risk of the Fund, over the long-term (rolling 20 year periods) we expect to exceed the New Zealand Treasury Bill return by at least 2.7% p.a. (prior to 1 July 2015, 2.5% p.a.)

- For further information:
 - [Full list of monthly Fund returns](#)
 - [Previous monthly reports](#)

Performance since inception

- This graph shows what has happened to the first dollar invested in the Fund over time.



Since inception the Guardians have added \$20.5 billion to the Fund, compared to the [Treasury Bill return](#).

Over the same period, as illustrated by the gap between the brown and green lines, the Guardians' active investment strategies have added an estimated \$6.6 billion in value to the Fund, compared to the passive [Reference Portfolio](#) benchmark.

Performance since inception

- The Fund's long-term performance expectation is that it will beat the Treasury Bill return by at least 2.7% (over rolling 20 year periods). Since inception, the Fund has exceeded the Treasury Bill return by 6.32% p.a.

Performance as at 31 October 2017	Since inception (30 September 2003)
Actual Fund return	10.49% p.a.
NZ Treasury Bill return	4.17% p.a.
Net Return (actual Fund return minus NZ Treasury Bill return)	6.32% p.a.
Estimated \$ earned relative to NZ Treasury Bills	\$20.474 billion
Reference Portfolio return	9.04% p.a.
Value added by active investment (actual Fund return minus Reference Portfolio return)	1.45% p.a.
Estimated \$ earned relative to Reference Portfolio	\$ 6.593 billion

Fund size breakdown

	October 2017	Last 12 months	Last 3 years	Last 5 years	Last 10 years	Since inception
Contributions received	\$0.00 billion	\$0.00 billion	\$0.00 billion	\$0.00 billion	\$3.87 billion	\$14.88 billion
Returns (after fees and foreign tax, and before NZ tax)	\$0.86 billion	\$6.82 billion	\$11.85 billion	\$20.79 billion	\$24.02 billion	\$28.42 billion
NZ tax (paid) / received*	\$0.00 billion	\$(1.17) billion	\$(1.69) billion	\$(3.74) billion	\$(4.71) billion	\$(6.06) billion
Other movements**	\$0.00 billion	\$(0.03) billion	\$(0.06) billion	\$(0.02) billion	\$0.02 billion	\$(0.03) billion
Closing Fund balance as at 31 October 2017	\$37.21 billion					

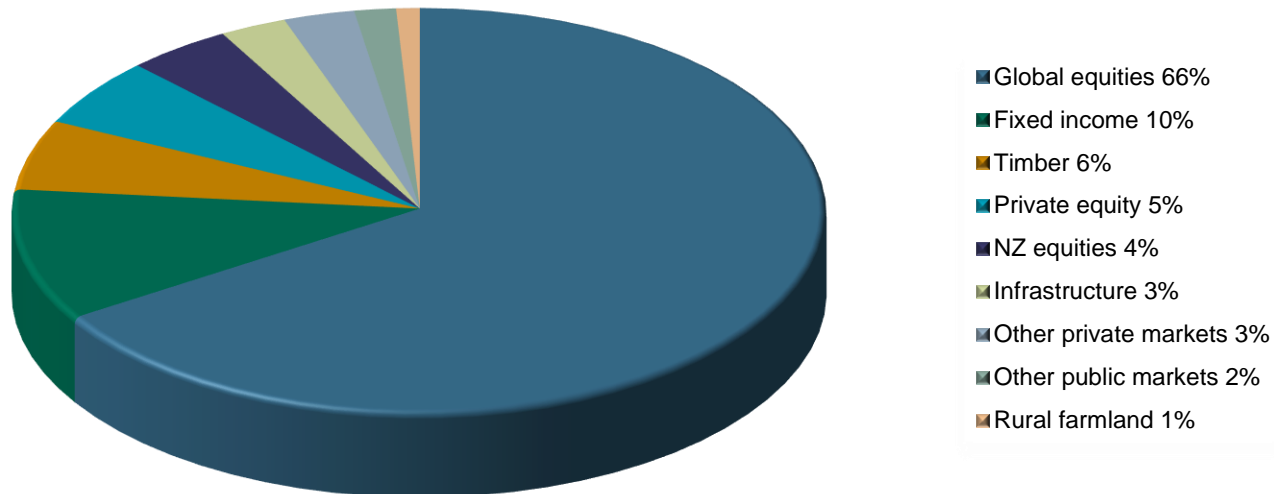
* Tax 'received' covers any instances of refunds for overpayment of tax

** Other movements relate to transactions other than tax paid or received e.g. tax expense, movements in reserves.

Asset class exposures

- This graph shows the Fund's economic exposures as a percentage of Fund value (prior to the impact of any strategic tilting positions). For further information on how the Fund's capital is allocated and our strategic tilting activities see www.nzsuperfund.co.nz/how-we-invest.

Asset class exposures as at 31/10/17



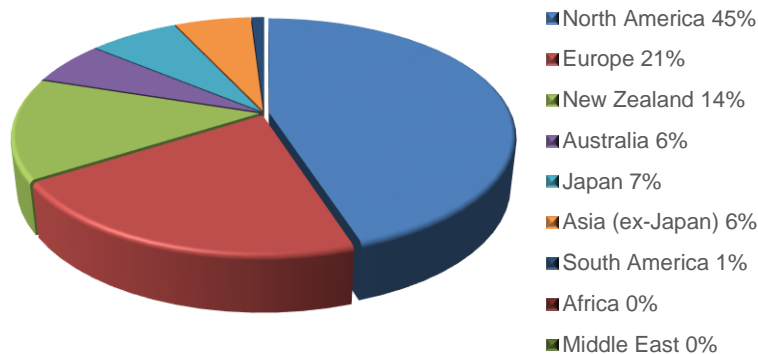
Where we invest

- These graphs illustrate the Fund’s investments by geographic region.

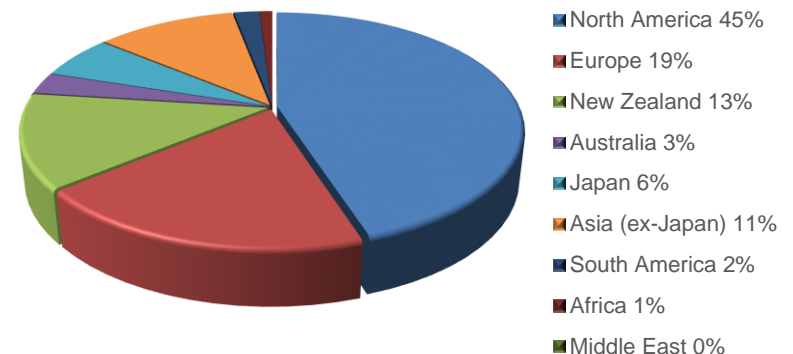
The left-hand analysis breaks down ‘investments’, as categorised in the statutory accounts, by their **value**, excluding foreign exchange hedging instruments such as FX contracts and cross currency swaps, plus investments in rural and forest land.

The right-hand analysis breaks down the Fund as a whole by economic **exposure**, again, excluding hedging instruments, as well as cash; collateral held to back derivative positions; and market neutral investments (e.g. arbitrage trades or hedge funds).

Investments by value as at 31/10/2017



Investments by economic exposure as at 31/10/2017



Largest equity holdings as at 31/10/2017

NZ listed equities	Value \$NZm	% of Fund	International listed equities	Value \$NZm	% of Fund
Metlifecare	244.0	0.7%	Apple	373.1	1.0%
Fisher & Paykel Healthcare	196.0	0.5%	Alphabet	273.7	0.7%
Auckland International Airport	132.9	0.4%	Microsoft	258.9	0.7%
Spark New Zealand	108.7	0.3%	Amazon.com	191.6	0.5%
Fletcher Building	93.9	0.3%	Facebook	190.3	0.5%
Meridian Energy	91.4	0.2%	Johnson & Johnson	182.9	0.5%
Contact Energy	86.0	0.2%	JPMorgan Chase	160.6	0.4%
Ryman Healthcare	64.2	0.2%	Samsung Electronics	134.8	0.4%
Z Energy	61.3	0.2%	Bank of America	123.1	0.3%
Summerset Group Holdings	55.5	0.1%	Wells Fargo	119.7	0.3%

* A full list of the Fund's equity holdings is published annually: see www.nzsuperfund.co.nz/publications/annual-equity-listings.

Substantial Security Holdings

- A Substantial Security Holder (SSH) is a person with a relevant interest in 5% or more of the total voting securities of a public issuer. This table sets out the companies in which the Fund or related entities were Substantial Security Holders as at 31 October 2017.

Date last SSH filing made	Security name	Percentage holding at date of filing	Exchange
26-Oct-17	Summerset Group Holdings	5.0	New Zealand
3-Oct-17	Metro Performance Glass	7.3	New Zealand
23-Mar-17	New Zealand King Salmon	7.5	New Zealand
3-Nov-14	Metlifecare	19.9	New Zealand

News

- NZ Super Fund releases 2017 [Annual Report](#)
- Media Statement – [Iwi/Māori Direct Investment Fund receives indicative commitments of up to \\$100m](#)
- Media Statement – [Guardians confirms past use of Appleby; confident no commercial implications from potential data breach](#)
- Media Statement – [Fidelity Life and NZ Super sign conditional NZ\\$100m investment](#)
- INFINZ Presentation by Chief Investment Officer Matt Whineray: [Climate Change – Investment Megatrend](#)
- [Looking Beyond our Shores](#) – Adrian Orr’s Address to the Institute of Directors
- [Why we need a Māori Investment Fund](#) – Tama Potaka’s Op-Ed in The Spinoff
- NBR [Interview with Adrian Orr](#) on reducing the Fund’s carbon exposure