

TITLE:

Monthly Performance and Portfolio Report – July 2018

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EVENT | PRESENTATION:

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Overview

- The Fund returned 2.02% in July 2018, bringing the one year return to 12.95%. Over the FY to July the Fund has detracted -\$16 million relative to the passive Reference Portfolio. As at 31 July 2018 the Fund was worth \$40.24 billion.

	As at 31 July 2018 (unaudited)
Fund size	\$40.24 billion
Value of NZ investments	\$6.0 billion or 15.0% of investments*
Return since inception (30 September 2003)	10.45% p.a.
Last 10 years	10.72% p.a.
Last 5 years	13.38% p.a.
Last 3 years	11.68% p.a.
Last 12 months	12.95%
July 2018	2.02%

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.

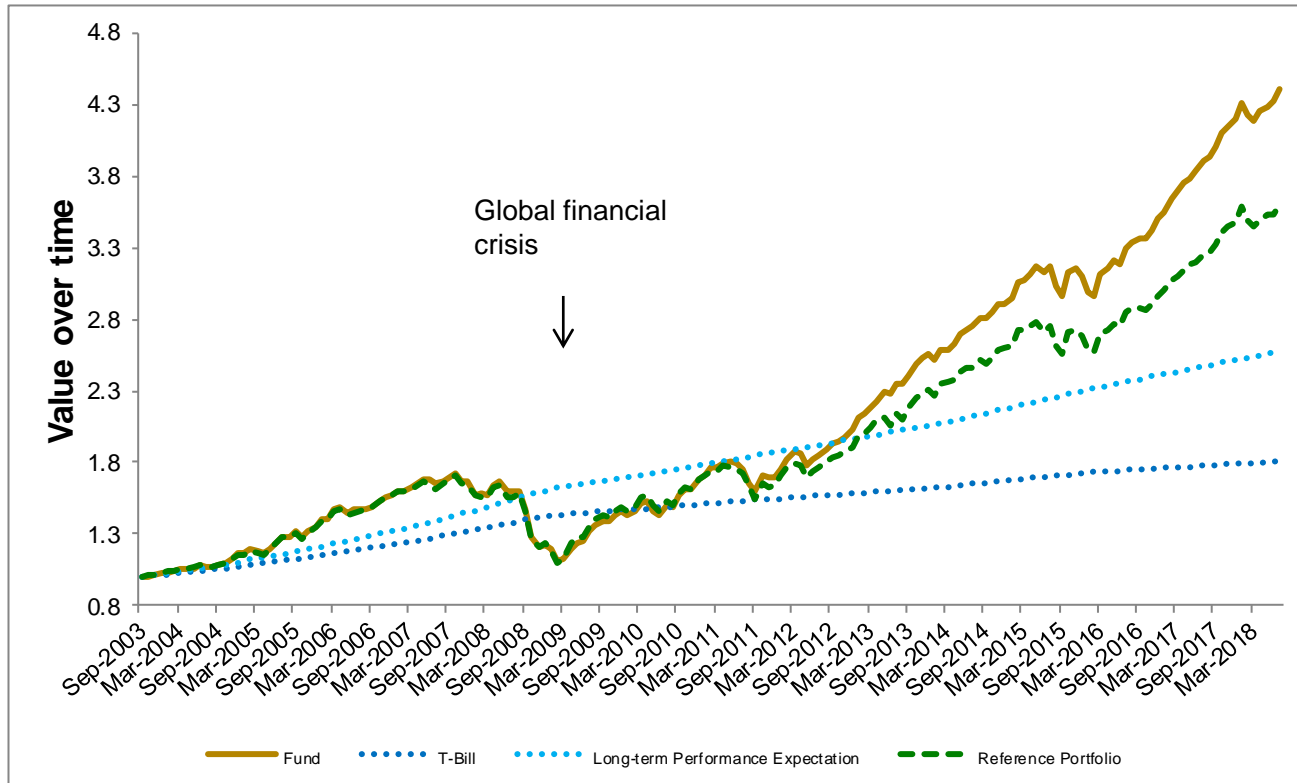
Performance as at 31 July 2018	July 2018	Last 12 months	Last 3 years p.a.	Last 5 years p.a.	Last 10 years p.a.	Since inception p.a.
Actual Returns	2.02%	12.95%	11.68%	13.38%	10.72%	10.45%
Reference Portfolio Return	2.06%	10.97%	9.36%	11.06%	8.76%	8.98%
Treasury Bill return	0.15%	1.72%	1.99%	2.41%	2.74%	4.04%
Long-term performance expectation*	0.38%	4.42%	4.69%	5.04%	5.30%	6.55%

*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 \$23.8 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 \$7.7 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 6.41% p.a.

Performance as at 31 July 2018	Since inception (30 September 2003)
Actual Fund return	10.45% p.a.
NZ Treasury Bill return	4.04% p.a.
Net Return (actual Fund return minus NZ Treasury Bill return)	6.41% p.a.
Estimated \$ earned relative to NZ Treasury Bills	\$23.831 billion
Reference Portfolio return	8.98% p.a.
Value added by active investment (actual Fund return minus Reference Portfolio return)	1.48% p.a.
Estimated \$ earned relative to Reference Portfolio	\$ 7.727 billion

Fund size breakdown

	July 2018	Last 12 months	Last 3 years	Last 5 years	Last 10 years	Since inception
Contributions received	\$0.08 billion	\$0.58 billion	\$0.58 billion	\$0.58 billion	\$2.9 billion	\$15.47 billion
Returns (after fees and foreign tax, and before NZ tax)	\$0.79 billion	\$4.57 billion	\$11.6 billion	\$19.38 billion	\$27.98 billion	\$31.24 billion
NZ tax (paid) / received*	\$0 billion	\$(0.37) billion	\$(2.03) billion	\$(3.13) billion	\$(4.9) billion	\$(6.42) billion
Other movements**	\$0 billion	\$(0.01) billion	\$(0.06) billion	\$(0.04) billion	\$(0.01) billion	\$(0.05) billion
Closing Fund balance as at 31 July 2018	\$40.24 billion					

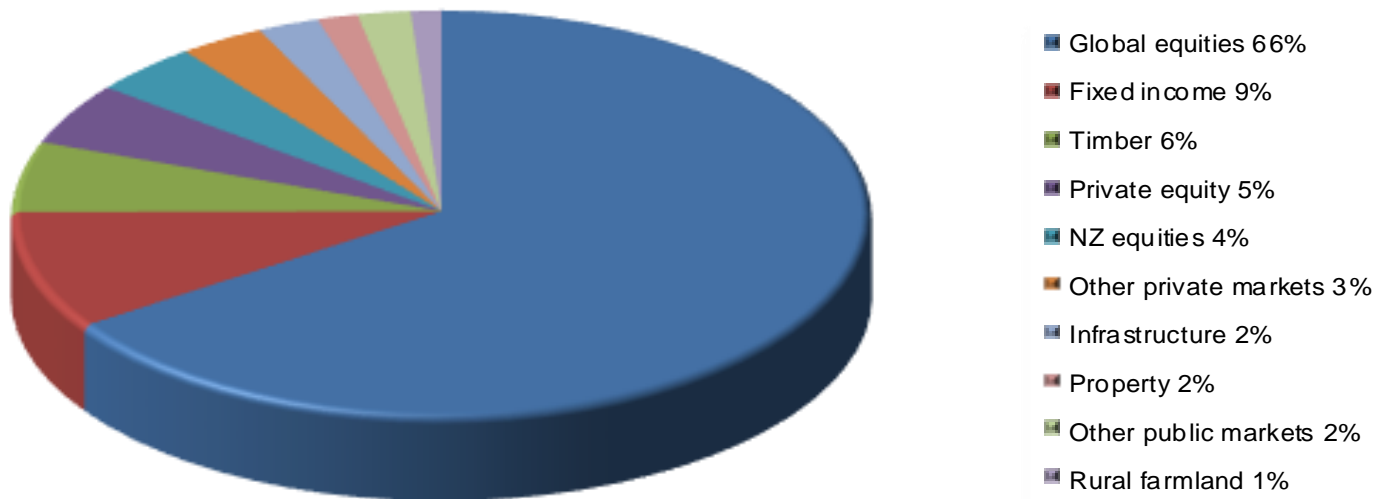
* Tax 'received' covers any instances of refunds for overpayment of tax

** 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 31/07/18



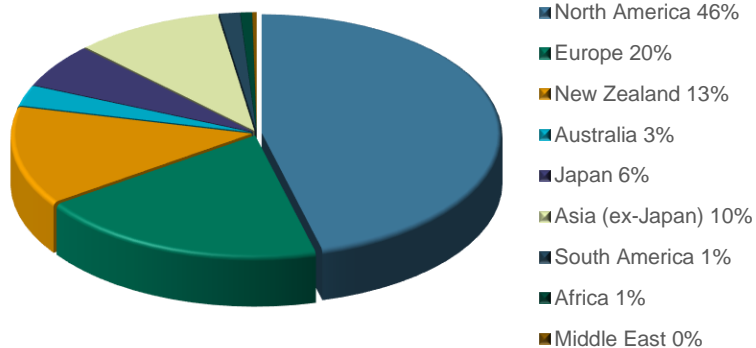
Where we invest

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

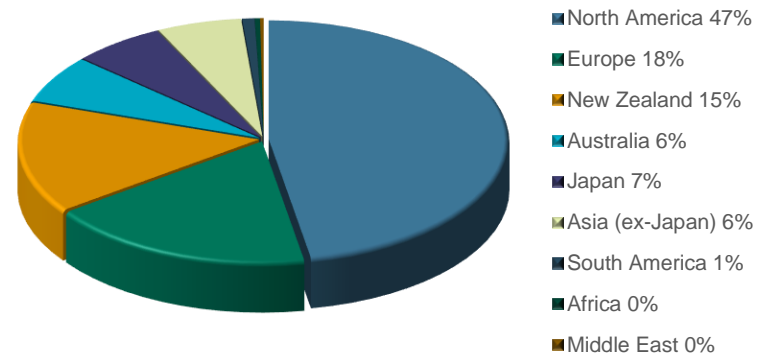
The left-hand analysis breaks down the Fund as a whole by economic **exposure**, again, excluding hedging instruments, as well as cash; collateral held to back derivative positions; and market neutral investments (e.g. arbitrage trades or hedge funds).

The right-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.

Investments by economic exposure as at 31/07/2018



Investments by value as at 31/07/2018



Largest equity holdings as at 31/07/2018

NZ listed equities	Value \$NZm	% of Fund	International listed equities	Value \$NZm	% of Fund
Metlifecare	258.4	0.6%	Apple	418.5	1.0%
Fisher & Paykel Healthcare	198.0	0.5%	Microsoft	341.3	0.9%
Auckland International Airport	137.1	0.3%	Alphabet	333.5	0.8%
Spark New Zealand	133.8	0.3%	Amazon.com	319.0	0.8%
Meridian Energy	104.4	0.3%	Johnson & Johnson	222.1	0.6%
Fletcher Building	94.3	0.2%	Facebook	184.2	0.5%
a2 Milk	88.5	0.2%	JPMorgan Chase	171.2	0.4%
Contact Energy	88.0	0.2%	Wells Fargo	154.8	0.4%
Z Energy	76.8	0.2%	Pfizer	142.5	0.4%
Summerset Group Holdings	76.1	0.2%	AT&T	138.7	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 July 2018.

Date last SSH filing made	Security name	Percentage holding at date of filing	Exchange
5-Apr-18	New Zealand King Salmon	6.5	New Zealand
3-Oct-17	Metro Performance Glass	7.3	New Zealand
3-Nov-14	Metlifecare	19.9	New Zealand