

For the quarter ended 30 September 2017

NZ Funds Managed Portfolio Service Global Multi-Asset Growth Portfolio

This fund update was first made publicly available on 30 October 2017

What is the purpose of this update?

This document tells you how the Global Multi-Asset Growth Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. New Zealand Funds Management Limited prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

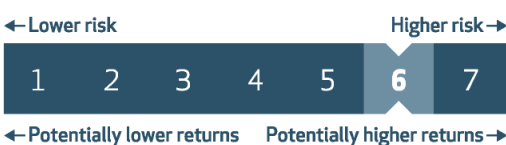
Description of this fund

The objective of the Global Multi-Asset Growth Portfolio is to grow your investment over the long term by investing in income-orientated assets and growth-orientated assets using an active investment management approach. The anticipated primary investments of the fund are commodities with an allocation to other assets.

| | |
|---------------------------|-----------------|
| Total value of the fund | \$27,005,684 |
| The date the fund started | 31 October 2008 |

What are the risks of investing?

Risk indicator for the Global Multi-Asset Growth Portfolio:



The risk indicator is rated from 1 (low) to 7 (high). The rating reflects how much the value of the fund's assets goes up and down. A higher risk generally means higher potential returns over time, but more ups and downs along the way.

To help you clarify your own attitude to risk, you can seek financial advice or work out your risk profile at www.nzfunds.co.nz/AdviceSolutions/RiskProfile/

Note that even the lowest category does not mean a risk-free investment, and there are other risks that are not captured by this rating.

The risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for the five years to 30 September 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates.

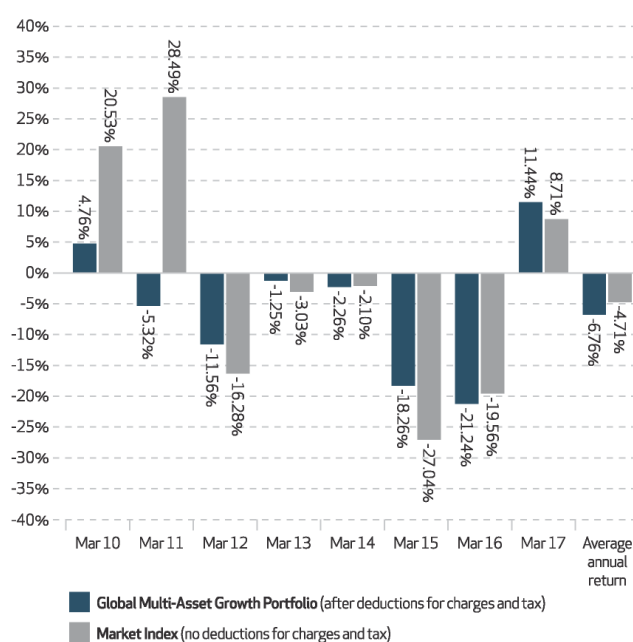
See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

How has the fund performed?

| | Average over past 5 years | Past year |
|--|---------------------------|-----------|
| Annual return (after deductions for charges and tax) | -8.79% | -6.41% |
| Annual return (after deductions for charges but before tax) | -7.40% | -6.23% |
| Market index annual return (reflects no deduction for charges and tax) | -10.47% | -0.29% |

The market index annual return is based on the Bloomberg Commodity Index Total Return. Additional information about the market index is available on the offer register at www.companiesoffice.govt.nz/disclose.

Annual return graph¹



This shows the return after fund charges and tax for each year ending 31 March since the fund started. The last bar shows the average annual return since the fund started, up to 30 September 2017.

Important: This does not tell you how the fund will perform in the future.

Returns in this update are after tax at the highest prescribed investor rate (PIR) of tax for an individual New Zealand resident. Your tax may be lower.

What fees are investors charged?

Investors in the Global Multi-Asset Growth Portfolio are charged fund charges. In the year to 31 March 2017 these were:

| | % of net asset value |
|--|----------------------------------|
| Total fund charges | 3.67% |
| Which are made up of: | |
| Total management and administration charges | 3.67% |
| Including: | |
| Manager's basic fee | 1.75% |
| Other management and administration charges | 1.92% (estimate) ² |
| Total performance-based fees | 0.00% |

*Note: Included within 'Other management and administration charges' are performance-based fees charged by external managers of underlying funds that the fund invested into which totalled 0.69%. 'Total performance-based fees' is the performance fee charged by NZ Funds based on the performance of the fund³. Performance-based fees are subject to market movements and manager performance and the amount of these fees for any given period may materially differ from those disclosed for the year to 31 March 2017. For the 12 months to 30 September 2017, external manager performance fees totalled 1.16%. As a result, 'Total fund charges' for that period totalled 4.42%.

See the PDS for more information about the basis on which performance-based fees are charged.

Investors may also be charged individual action fees for specific actions or decisions (for example, for withdrawing from or switching funds). See the PDS for the NZ Funds Managed Portfolio Service for more information about those fees.

Small differences in fees and charges can have a big impact on your investment over the long term.

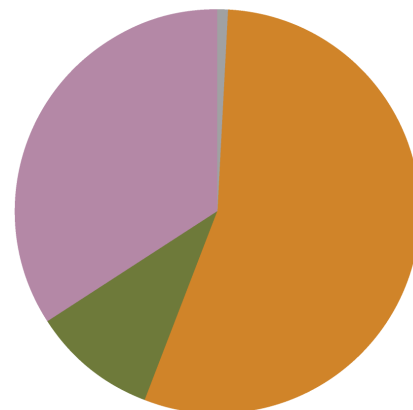
Example of how this applies to an investor

Liam had \$10,000 in the fund at the start of the year and did not make any further contributions. At the end of the year, Liam incurred a loss after fund charges were deducted of -\$641 (that's -6.41% of his initial \$10,000). Liam did not pay any other charges. This gives Liam a total loss after tax of -\$641 for the year.

What does the fund invest in?

This shows the types of assets that the fund invests in.

Actual investment mix⁴



| | |
|---------------------------|--------|
| Cash and cash equivalents | 0.84% |
| International equities | 55.13% |
| Commodities | 9.88% |
| Other* | 34.15% |

Target investment mix⁵

| | |
|------------------------------|-----|
| Cash and cash equivalents | 1% |
| New Zealand fixed interest | 0% |
| International fixed interest | 0% |
| Australasian equities | 0% |
| International equities | 55% |
| Listed property | 0% |
| Unlisted property | 0% |
| Commodities | 10% |
| Other* | 34% |

*'Other' includes foreign currency (which comprises active currency positions implemented by either holding non-NZD cash or foreign currency derivatives) and alternative securities (investment in hedge funds)

What does the fund invest in? (continued)

Top 10 investments

| | Name | Percentage of fund net assets | Type | Country | Credit Rating |
|----|---|-------------------------------|---------------------------|--------------------------|---------------|
| 1 | Impala Resource Fund | 16.16% | International equities | Cayman Islands | |
| 2 | Westpac USD current account | 11.46% | Cash and cash equivalents | New Zealand | A-1+ |
| 3 | Societe Generale International USD margin account | 7.61% | Cash and cash equivalents | United Kingdom | A-1 |
| 4 | Westpac current account | 7.16% | Cash and cash equivalents | New Zealand | A-1+ |
| 5 | Citibank New Zealand NZD current account | 5.37% | Cash and cash equivalents | United States of America | A-1 |
| 6 | Citibank Hong Kong USD current account | 4.04% | Cash and cash equivalents | United States of America | A-1 |
| 7 | Amounts receivable from broker - FX spots (NOK) | 3.89% | Cash and cash equivalents | New Zealand | |
| 8 | Amounts receivable from related underlying funds | 2.81% | Cash and cash equivalents | New Zealand | |
| 9 | Amounts receivable from broker - FX spots (HKD) | 2.69% | Cash and cash equivalents | New Zealand | |
| 10 | Nucor | 2.54% | International equities | United States of America | |

*Alternative security fund

The top 10 investments make up 63.73% of the fund.⁶

NZ Funds uses an active investment management approach. As part of this approach, all assets denominated in a foreign currency are initially fully hedged back to the NZ dollar. The fund may then take active foreign currency positions.

Key personnel

This shows the directors and employees who have the most impact on the investment decisions of the fund.

| Name | Current position | Time in current position | Previous or other position | Time in previous or other position |
|---------------|---|--------------------------|---|------------------------------------|
| Richard James | Chief Executive, Chair of the Investment Committee and a Director | 8 years 7 months | Chief Operating Officer, New Zealand Funds Management Limited | 6 years 1 month |
| Michael Lang | Chief Investment Officer and a Director | 9 years 1 month | Partner, Eclectica Asset Management | 1 years 8 months |
| David Wilson | Investment Strategist and a Principal | 20 years 9 months | Chief Economist, JB Were | 3 years 5 months |
| James Grigor | Senior Portfolio Manager | 0 years 5 months | Head of Portfolio Strategy Group, Macquarie Private Wealth (now Hobson Wealth Partners) | 2 years 4 months |
| Mark Brooks | Head of Income and a Principal | 9 years 10 months | Senior Portfolio Manager, Credaris | 3 years 4 months |

Further information

You can also obtain this information, the PDS for the NZ Funds Managed Portfolio Service, and some additional information from the offer register at www.companiesoffice.govt.nz/disclose/.

Notes

1. The bar graph shows fund returns after the deduction of fees and tax; however, the market index returns are shown before any fees or tax are deducted.
2. Other management and administration charges comprise:
 - (a) operating costs directly incurred by the fund; and
 - (b) annual management fees, performance-based fees and operating costs incurred by underlying funds the fund invests into.

Estimates were used when deriving annual management fees, performance-based fees and operating costs incurred by the following underlying funds the fund invested into.

| Fund | Information and assumptions used to make estimates |
|-------------|---|
|-------------|---|

| | |
|--|--|
| Astenbeck Offshore Commodities Fund II | The fee and operating cost amount obtained from the audited financial statements of Astenbeck Offshore Commodities Fund II was for the year to 31 December 2016. |
|--|--|

| | |
|----------------------|---|
| Impala Resource Fund | Fee and operating cost amounts are estimated using fee targets provided by the manager of the Impala Resource Fund. |
|----------------------|---|

| | |
|--------------------------------------|--|
| H2O Global Feeder Alpha Fund Class C | The fee and operating cost amount obtained from the manager of H2O Global Feeder Alpha Fund - Class C was for the year to 31 December 2016. Performance fee amounts are estimated using the same criteria used by the manager of the H2O Global Feeder Alpha Fund Class C. |
|--------------------------------------|--|

3. NZ Funds' performance fee is based on a hurdle rate of return of 8% and is not linked to the performance of a benchmark. The hurdle rate is the minimum return the fund must achieve before being able to charge a performance fee. Therefore, a performance-based fee may be charged even if the fund does not achieve (after fees but before tax) the return of the market index.
4. NZ Funds uses derivatives as part of its active investment management approach. The use of derivatives can result in the total economic exposure of the fund exceeding 100% which means the fund is leveraged. Where economic exposure exceeds 100%, the actual investment mix pie graph and the target investment mix table have been scaled to 100%. Without scaling, the total economic exposure of the fund, as shown in the actual investment mix and the target investment mix, would be 117.50% and 119.00% respectively. For more information on economic exposure, see the NZ Funds Managed Portfolio Service 'Other Material Information' document on the offer register at www.companiesoffice.govt.nz/disclose/.
5. The fund is able to invest in a wide range of assets and does not have a target investment mix. For the purposes of this update, the target investment mix has been compiled using the actual investment mix. NZ Funds is an active investment manager and as a result the actual investment mix and target investment mix will change in the future and changes may be material.
6. The top 10 investments have been compiled using a balance sheet approach. This differs from the approach used in compiling the actual and target investment mixes, which include the impact of derivatives.

Manager

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