



# Medical Assurance Society Retirement Savings Plan

## FUND UPDATE BOOKLET

For the year ended 31 March 2017



Medical Assurance Society Limited (MAS) is the issuer of the MAS Retirement Savings Plan. This document gives you important information about this investment to help you decide whether you want to invest. It should be read together with the MAS Retirement Savings Product Disclosure Statement (PDS). You can obtain a copy of the PDS from [mas.co.nz/savings-and-investment/superannuation](https://mas.co.nz/savings-and-investment/superannuation). There is other useful information on [business.govt.nz/disclose](https://business.govt.nz/disclose).

## TABLE OF CONTENTS

	Page
Cash Portfolio	3
Defensive Portfolio	6
Conservative Portfolio	9
Balanced Portfolio	12
Growth Portfolio	15
Aggressive Portfolio	18
Global Equities Portfolio	21



Medical Assurance Society  
Retirement Savings Plan



## CASH PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on  
27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Cash Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

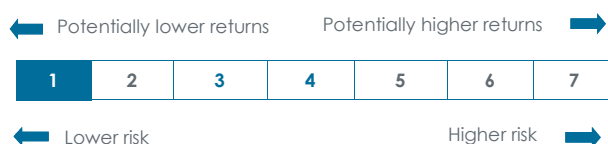
### Description of this fund

The Cash Portfolio invests in a range of cash assets. The fund has a very low level of volatility.

Total value of the portfolio	\$9,034,888
Number of Members in the portfolio	186
Date the portfolio started	22 Dec 2008

### What are the risks of investing?

Risk indicator for the Cash 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

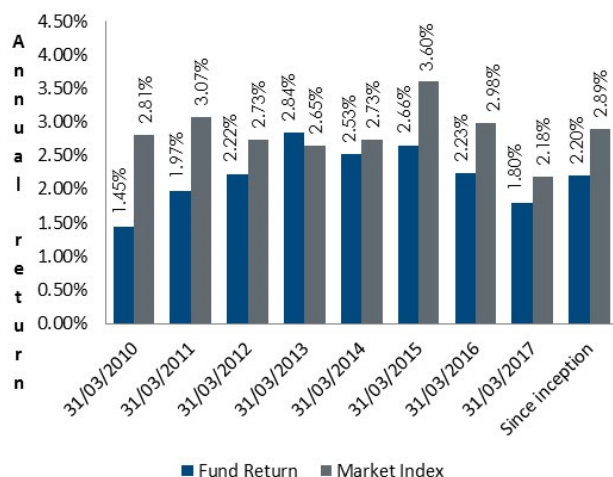
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>2.41%</b>	<b>1.80%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>3.30%</b>	<b>2.50%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>2.83%</b>	<b>2.18%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns since inception of the Cash Portfolio



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 31 March 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 Cash Portfolio are charged fund charges. In the year to 31 March 2017 these were:

<b>Total fund charges: % of net asset value</b>	<b>0.50%</b>
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Which are made up of:

<b>Total management and administration charges</b>	<b>0.50%</b>
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Including:

Manager's basic fee	0.50%
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Other management and administration charges	0.00%
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<b>Total performance-based fees</b>	<b>0.00%</b>
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Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

Small differences in fees can have a big impact on your investment.

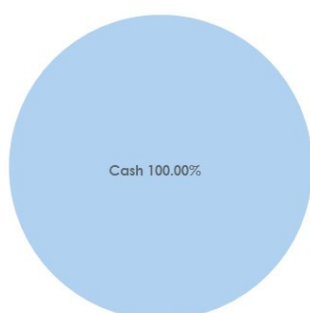
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$180 (that is 1.80% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$180 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	100.00%
New Zealand Fixed Interest	0.00%
International Fixed Interest	0.00%
Australasian Equities	0.00%
International Equities	0.00%
Property	0.00%
Other *	0.00%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	JBWere Premium Custody Call Account	38.43%	Cash and Cash Equivalents	New Zealand	
2	UDC Term deposit	33.71%	Cash and Cash	New Zealand	BBB
3	BNZ Term deposit	16.50%	Cash and Cash	New Zealand	AA-
4	UDC Term deposit	11.36%	Cash and Cash	New Zealand	BBB

The total value of the above investments as a percentage of the net asset value of the Cash Portfolio is 100.00%.

## Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

## Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

## Notes

\* Other is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.





Medical Assurance Society  
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## DEFENSIVE PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on 27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Defensive Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

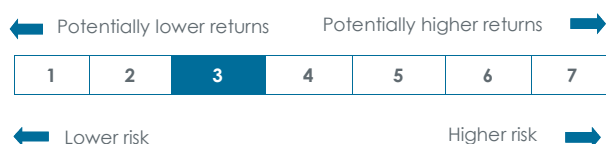
### Description of this fund

The Defensive Portfolio invests mostly in assets with lower risks and returns, with some investment in growth assets that may give higher returns. The fund has a low level of volatility.

Total value of the portfolio	\$21,131,949
Number of Members in the portfolio	357
Date the portfolio started	01 Oct 2007

### What are the risks of investing?

Risk indicator for the Defensive 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

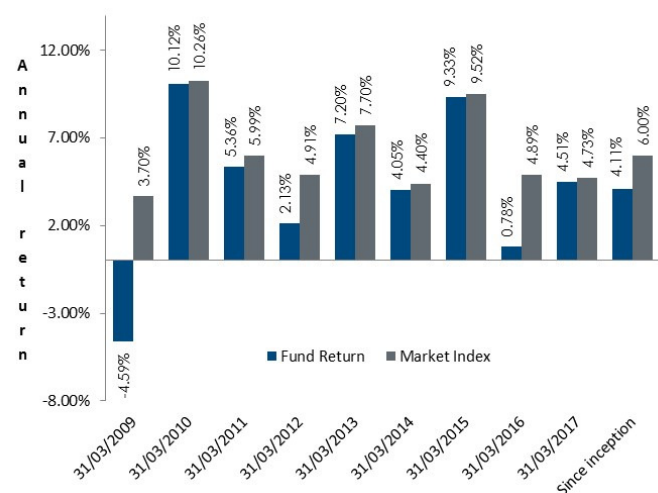
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>5.13%</b>	<b>4.51%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>6.42%</b>	<b>5.61%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>6.23%</b>	<b>4.73%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns since inception of the Defensive Portfolio



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 31 March 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 Defensive Portfolio are charged fund charges. Over the year to 31 March 2017 these were:

<b>Total fund charges: % of net asset value</b>	<b>1.23%</b>
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Which are made up of:

<b>Total management and administration charges</b>	<b>1.23%</b>
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Including:

Manager's basic fee	1.00%
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Other management and administration charges *†	0.23%
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<b>Total performance-based fees</b>	<b>0.00%</b>
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An estimate has been used to calculate certain underlying fund fees which are included in 'Other management and administration charges'. \*Please see the note at the end of the fund update.

Investors may also be charged individual action fees for specific actions or decisions (for example, for switching funds). See the product disclosure statement for more information about those fees.

Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

†Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.04%.

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

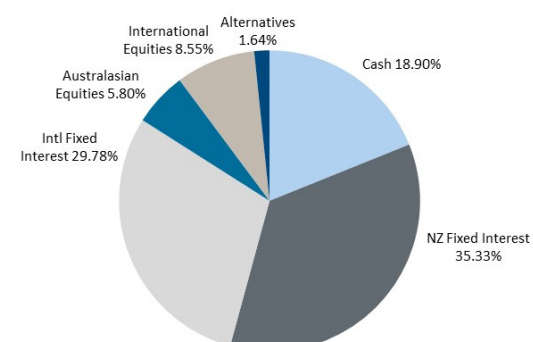
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$451 (that is 4.51% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$451 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	10.0%
New Zealand Fixed Interest	37.5%
International Fixed Interest	37.5%
Australasian Equities	5.0%
International Equities	7.5%
Property	0.0%
Other **	2.5%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	Hunter Global Fixed Interest Fund	29.78%	International Fixed Interest	New Zealand	
2	JBWere NZD Premium Custody Call Account	11.01%	Cash and Cash Equivalents	New Zealand	
3	UDC Term Deposit	5.72%	Cash and Cash Equivalents	New Zealand	BBB
4	ASB Bank Bond 15/06/2024	4.90%	New Zealand Fixed Interest	New Zealand	AA-
5	Vector Bond 14/03/2024	4.74%	New Zealand Fixed Interest	New Zealand	BBB
6	ANZ Bank Bond 29/10/2049	4.50%	New Zealand Fixed Interest	New Zealand	AA-
7	Mighty River Power Float 07/09/2021	4.04%	New Zealand Fixed Interest	New Zealand	BBB
8	Westpac Bond 01/09/2026	2.79%	International Fixed Interest	Australia	AA-
9	IAG Bond 15/06/2043	2.77%	International Fixed Interest	Australia	AA-
10	Contact Energy Bond 27/05/2020	2.49%	New Zealand Fixed Interest	New Zealand	BBB

The total value of the above investments as a percentage of the net asset value of the Defensive Portfolio is 72.74%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. International fixed interest investments are fully hedged. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\* 'Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.





Medical Assurance Society  
Retirement Savings Plan



## CONSERVATIVE PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on  
27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Conservative Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

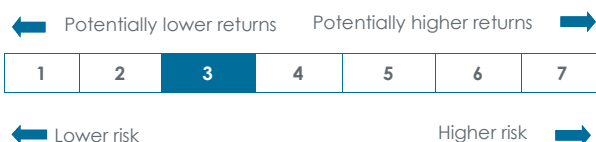
### Description of this fund

The Conservative Portfolio invests mostly in assets with lower risks and returns, with moderate investment in growth assets that may give higher returns. The fund has a low level of volatility.

Total value of the portfolio	\$136,694,611
Number of Members in the portfolio	1,788
Date the portfolio started	01 April 1994

### What are the risks of investing?

Risk indicator for the Conservative 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

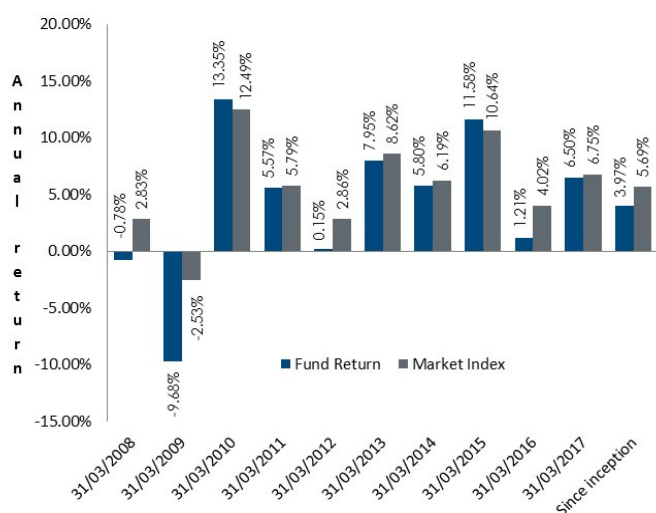
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>6.56%</b>	<b>6.50%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>7.81%</b>	<b>7.53%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>7.22%</b>	<b>6.75%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns for 10 years of the Conservative Portfolio



This shows the return after fund charges and tax for each of the last 10 years ending 31 March. The last bar shows the average annual return for the last 10 years, up to 31 March 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 Conservative Portfolio are charged fund charges. Over the year to 31 March 2017 these were:

<b>Total fund charges: % of net asset value</b>	<b>1.26%</b>
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Which are made up of:

<b>Total management and administration charges</b>	<b>1.26%</b>
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Including:

Manager's basic fee	1.00%
Other management and administration charges *†	0.26%
<b>Total performance-based fees</b>	<b>0.00%</b>

Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

†Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.11%.

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

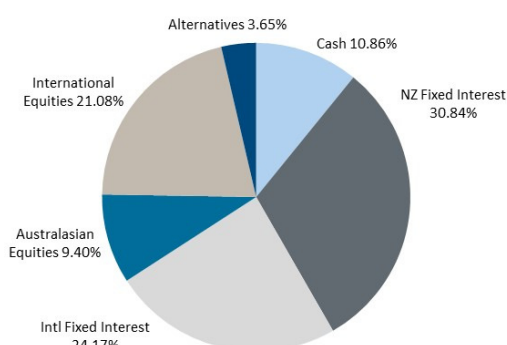
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$650 (that is 6.50% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$650 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	6.0%
New Zealand Fixed Interest	32.0%
International Fixed Interest	32.0%
Australasian Equities	7.0%
International Equities	18.0%
Property	0.0%
Other **	5.0%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	Hunter Global Fixed Interest Fund	24.17%	International Fixed Interest	New Zealand	
2	Vector Bond 14/03/2024	4.39%	New Zealand Fixed Interest	New Zealand	BBB
3	iShares S&P NA Tech ETF	4.21%	International Equities	United States	
4	SPDR S&P Bank ETF	4.19%	International Equities	United States	
5	BNZ Bank Bond 17/12/2025	3.82%	New Zealand Fixed Interest	New Zealand	AA-
6	JBWere NZD Premium Custody Call Account	3.54%	Cash and Cash Equivalents	New Zealand	
7	JBWere USD Premium Custody Call Account	3.42%	Cash and Cash Equivalents	New Zealand	
8	iShares Hedged MSCI EMU ETF	3.17%	International Equities	United States	
9	Wisdomtree Japan Hedged ETF	3.10%	International Equities	United States	
10	ASB Bond 15/06/2024	2.80%	New Zealand Fixed Interest	New Zealand	AA-

The total value of the above investments as a percentage of the net asset value of the Conservative Portfolio is 56.81%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. International fixed interest investments are fully hedged. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\* 'Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.



Medical Assurance Society  
Retirement Savings Plan



## BALANCED PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on  
27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Balanced Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

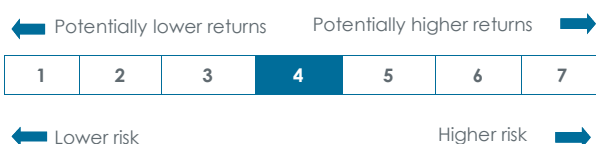
### Description of this fund

The Balanced Portfolio invests in a mix of around 50% in income assets and around 50% in growth assets that may give higher returns. The fund has a moderate level of volatility.

Total value of the portfolio	\$114,946,013
Number of Members in the portfolio	1,771
Date the portfolio started	01 Oct 2007

### What are the risks of investing?

Risk indicator for the Balanced 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

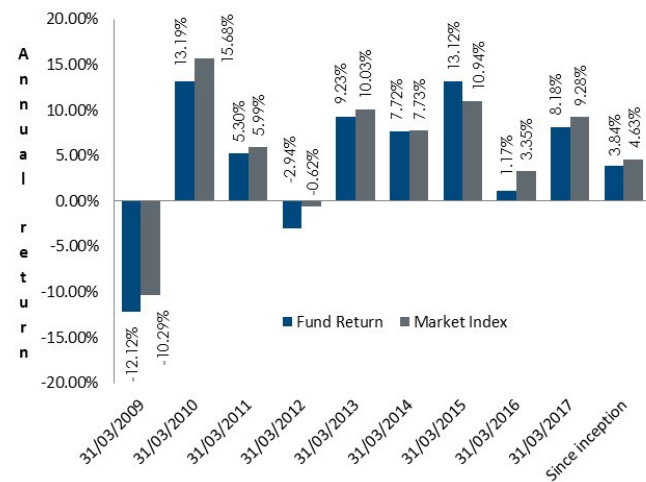
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>7.81%</b>	<b>8.18%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>8.95%</b>	<b>9.07%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>8.23%</b>	<b>9.28%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns since inception of the Balanced Portfolio



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 31 March 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 Balanced Portfolio are charged fund charges. Over the past year these were:

**Total fund charges: % of net asset value** **1.31%**

Which are made up of:

**Total management and administration charges** **1.31%**

Including:

Manager's basic fee 1.00%

Other management and administration charges \*‡ 0.31%

**Total performance-based fees** **0.00%**

**Other charges** **Dollar amount per investor or description of how charge is calculated**

\$0

An estimate has been used to calculate certain underlying fund fees which are included in 'Other management and administration charges'. \*Please see the note at the end of the fund update.

Investors may also be charged individual action fees for specific actions or decisions (for example, for switching funds). See the product disclosure statement for more information about those fees.

‡Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.12%.

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

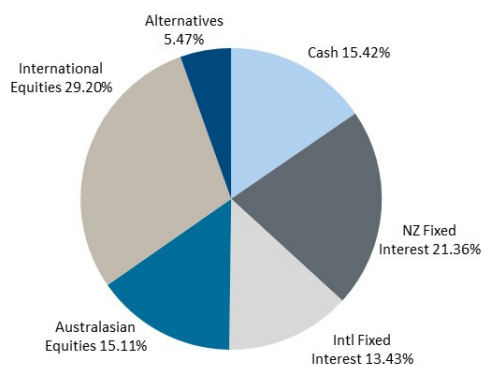
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$818 (that is 8.18% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$818 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	4.0%
New Zealand Fixed Interest	23.0%
International Fixed Interest	23.0%
Australasian Equities	15.0%
International Equities	27.5%
Property	0.0%
Other **	7.5%



## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	Hunter Global Fixed Interest Fund	13.43%	International Fixed Interest	New Zealand	Unrated
2	JBWere NZD Premium Custody Call Account	8.08%	Cash and Cash Equivalents	New Zealand	
3	iShares S&P NA Tech ETF	5.82%	International Equities	United States	
4	SPDR S&P Bank ETF	5.77%	International Equities	United States	
5	iShares Hedged MSCI EMU ETF	4.38%	International Equities	United States	
6	Wisdomtree Japan Hedged ETF	4.29%	International Equities	United States	
7	JBWere USD Premium Custody Call Account	4.02%	Cash and Cash Equivalents	New Zealand	
8	Vector Bond 14/03/2024	3.49%	New Zealand Fixed Interest	New Zealand	BBB
9	iShares US Medical Devices ETF	3.12%	International Equities	United States	
10	UDC Term Deposit	2.11%	Cash and Cash Equivalents	New Zealand	BBB

The total value of the above investments as a percentage of the net asset value of the Balanced Portfolio is 54.51%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. International fixed interest investments are fully hedged. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\* 'Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.



## Medical Assurance Society Retirement Savings Plan



### GROWTH PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on 27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Growth Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

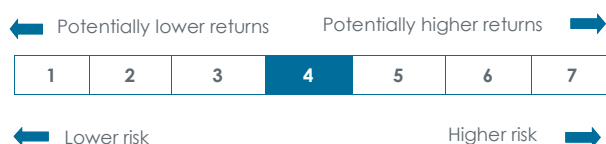
### Description of this fund

The Growth Portfolio invests mostly in growth assets with a higher level of risk and returns, and with some investment in income assets that provide a degree of stability. The fund has a moderate to high level of volatility.

Total value of the portfolio	\$313,236,454
Number of Members in the portfolio	3,403
Date the portfolio started	1 April 1994

### What are the risks of investing?

Risk indicator for the 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

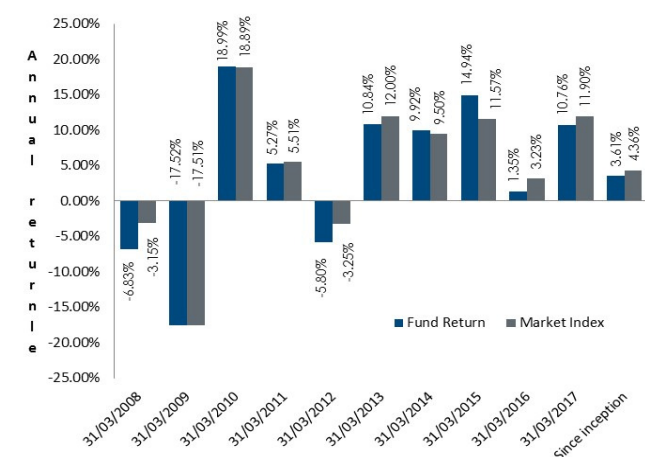
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>9.47%</b>	<b>10.76%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>10.55%</b>	<b>11.62%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>9.59%</b>	<b>11.90%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns for 10 years of the Growth Portfolio



This shows the return after fund charges and tax for each of the last 10 years ending 31 March. The last bar shows the average annual return for the last 10 years, up to 31 March 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 Growth Portfolio are charged fund charges. Over the year to 31 March 2017 these were:

<b>Total fund charges: % of net asset value</b>	<b>1.38%</b>
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Which are made up of:

<b>Total management and administration charges</b>	<b>1.38%</b>
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Including:

Manager's basic fee	1.00%
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Other management and administration charges *†	0.38%
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<b>Total performance-based fees</b>	<b>0.00%</b>
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An estimate has been used to calculate certain underlying fund fees which are included in 'Other management and administration charges'. \*Please see the note at the end of the fund update.

Investors may also be charged individual action fees for specific actions or decisions (for example, for switching funds). See the product disclosure statement for more information about those fees.

Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

†Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.21%.

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

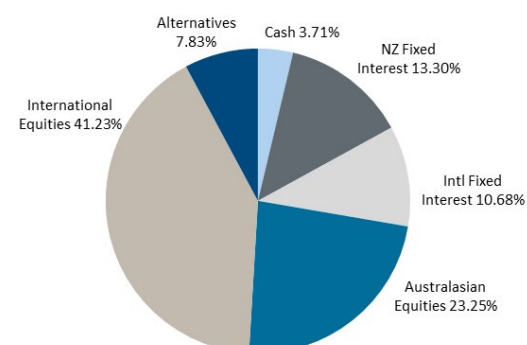
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$1,076 (that is 10.76% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$1,076 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	2.0%
New Zealand Fixed Interest	14.0%
International Fixed Interest	14.0%
Australasian Equities	20.0%
International Equities	40.0%
Property	0.0%
Other **	10.0%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	Hunter Global Fixed Interest Fund	10.68%	International Fixed Interest	New Zealand	
2	iShares S&P NA Tech ETF	8.19%	International Equities	United States	
3	SPDR S&P Bank ETF	8.09%	International Equities	United States	
4	Wisdomtree Japan Hedged ETF	6.03%	International Equities	United States	
5	iShares MSCI EMU Hedged ETF	5.87%	International Equities	United States	
6	iShares US Medical Devices ETF	4.39%	International Equities	United States	
7	BNZ Bond 17/12/2025	4.27%	New Zealand Fixed Interest	New Zealand	AA-
8	iShares STOXX Europe 600 Tele- comms ETF	2.63%	International Equities	European Union	
9	iShares MSCI India ETF	2.17%	International Equities	United States	
10	iShares St 600 Healthcare Devices ETF	2.04%	International Equities	European Union	

The total value of the above investments as a percentage of the net asset value of the Growth Portfolio is 54.36%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. International fixed interest investments are fully hedged. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\* 'Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.



Medical Assurance Society  
Retirement Savings Plan



## AGGRESSIVE PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on  
27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Aggressive Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

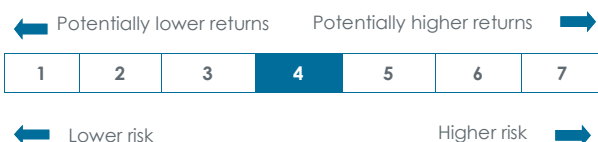
### Description of this fund

The Aggressive Portfolio invests mostly in growth assets with a higher level of risks and returns, and with a small investment in income assets that provide a degree of stability. The fund has a moderate to high level of volatility.

Total value of the portfolio	\$26,420,733
Number of Members in the portfolio	779
Date the portfolio started	01Oct 2007

### What are the risks of investing?

Risk indicator for the Aggressive 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 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.

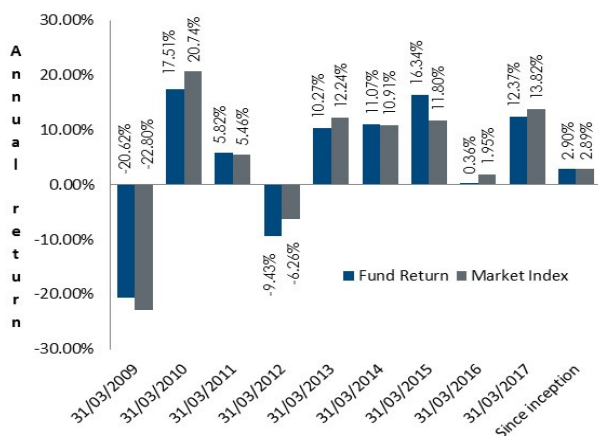
### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>9.95%</b>	<b>12.37%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>10.93%</b>	<b>13.25%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>10.06%</b>	<b>13.82%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)



## Returns since inception of the Aggressive Portfolio



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 31 March 2017. **Important:** this doesn't 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 Aggressive Portfolio are charged fund charges. Over the year to 31 March 2017 these were:

**Total fund charges: % of net asset value 1.42%**

Which are made up of:

**Total management and administration charges 1.42%**

Including:

Manager's basic fee 1.00%

Other management and administration charges \*‡ 0.42%

**Total performance-based fees 0.00%**

An estimate has been used to calculate certain underlying fund fees which are included in 'Other management and administration charges.' \*Please see the note at the end of the fund update.

Investors may also be charged individual action fees for specific actions or decisions (for example, for switching funds). See the product disclosure statement for more information about those fees.

Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

‡Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.23%.

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

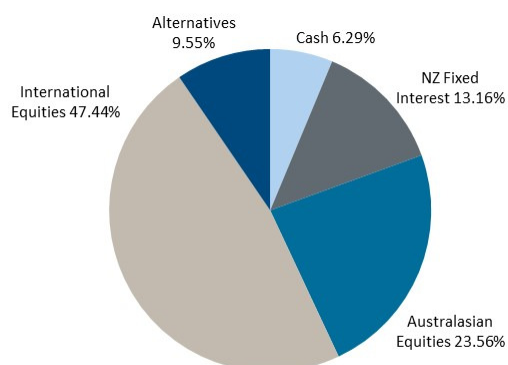
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$1,237 (that is 12.37% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$1,237 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	0.0%
New Zealand Fixed Interest	7.5%
International Fixed Interest	7.5%
Australasian Equities	25.0%
International Equities	47.5%
Property	0.0%
Other **	12.5%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	iShares S&P NA Tech ETF	9.44%	International Equities	United States	
2	SPDR S&P Bank ETF	9.21%	International Equities	United States	
3	Wisdomtree Japan Hedged ETF	6.88%	International Equities	United States	
4	iShares MSCI EMU Hedged ETF	6.83%	International Equities	United States	
5	iShares US Medical Devices ETF	5.06%	International Equities	United States	
6	BNZ Bond 17/12/2025	4.19%	New Zealand Fixed Interest	New Zealand	AA-
7	JBWere NZD Premium Custody Call Account	3.36%	Cash and Cash equivalents	New Zealand	
8	iShares STOXX Europe 600 Tele- comms ETF	3.04%	International Equities	European Union	
9	iShares MSCI India ETF	2.54%	International Equities	United States	
10	iShares St 600 Health Care Devices ETF	2.43%	International Equities	European Union	

The total value of the above investments as a percentage of the net asset value of the Aggressive Portfolio is 52.98%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. International fixed interest investments are fully hedged. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\*\*Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.



Medical Assurance Society  
Retirement Savings Plan



## GLOBAL EQUITIES PORTFOLIO

Fund Update for the year ending **31 March 2017**

This fund update was first made publicly available on 27 June 2017.

### What is the purpose of this update?

This document tells you how the Medical Assurance Society Retirement Savings Plan Global Equities Portfolio has performed and what fees were charged. The document will help you to compare the fund with other funds. The trustees of the Medical Assurance Society Retirement Savings Plan prepared this update in accordance with the Financial Markets Conduct Act 2013. This information is not audited and may be updated.

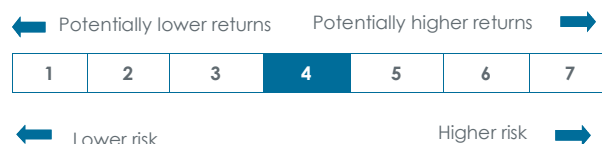
### Description of this fund

The Global Equities Portfolio invests entirely in growth assets with the potential for very high growth over the long term. The fund has a potentially high level of volatility.

Total value of the portfolio	\$17,065,377
Number of Members in the portfolio	445
Date the portfolio started	01 Oct 2007

### What are the risks of investing?

Risk indicator for the Global Equities 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 [mas.co.nz/savings-and-investment/risk-profiler](http://mas.co.nz/savings-and-investment/risk-profiler)

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.

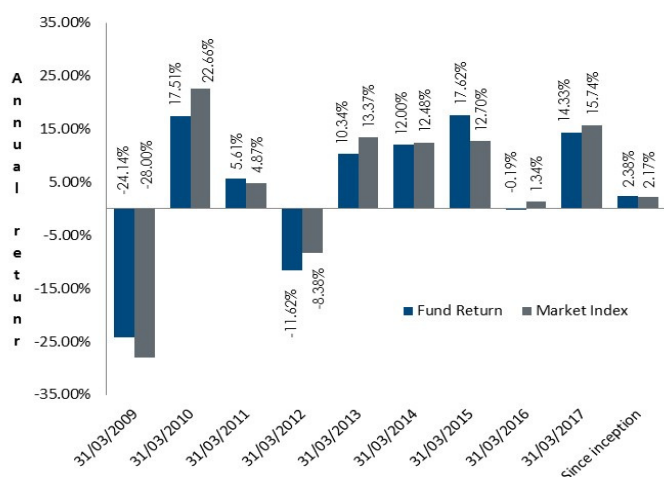
This risk indicator is not a guarantee of a fund's future performance. The risk indicator is based on the returns data for 5 years to 31 March 2017. While risk indicators are usually relatively stable, they do shift from time to time. The risk indicator will continue to be updated in future fund updates. See the Product Disclosure Statement (PDS) for more information about the risks associated with investing in this fund.

### How has the fund performed?

RETURN TYPE	AVERAGE OVER PAST 5 YEARS	PAST YEAR
<b>Annual return</b> (after deductions for charges and tax)	<b>10.65%</b>	<b>14.33%</b>
<b>Annual return</b> (after deductions for charges but before tax)	<b>11.56%</b>	<b>15.23%</b>
<b>Market index annual return</b> (reflects no deduction for charges and tax)	<b>11.01%</b>	<b>15.74%</b>

The market index comprises the benchmark index returns of each of the asset classes weighted by their benchmark asset allocations. Additional information about the market index is available on the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose)

## Returns since inception of the Global Equities Portfolio



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 31 March 2017. **Important:** this doesn't 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 Equities Portfolio are charged fund charges. Over the year to 31 March 2017 these were:

<b>Total fund charges: % of net asset value</b>	<b>1.48%</b>
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Which are made up of:

<b>Total management and administration charges</b>	<b>1.48%</b>
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Including:

Manager's basic fee	1.00%
Other management and administration charges *†	0.48%

<b>Total performance-based fees</b>	<b>0.00%</b>
-------------------------------------	--------------

Other charges	Dollar amount per investor or description of how charge is calculated
	\$0

†Note: Other management and administrative charges are set to reduce from September 2017. The reduction in fund charges is expected to be approximately 0.28%.

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

An estimate has been used to calculate certain underlying fund fees which are included in 'Other management and administration charges'. \*Please see the note at the end of the fund update.

Investors may also be charged individual action fees for specific actions or decisions (for example, for switching funds). See the product disclosure statement for more information about those fees.

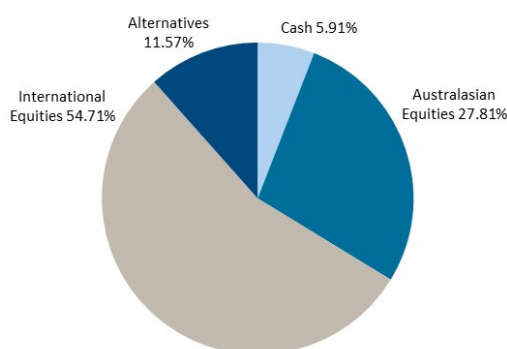
## Example of how this applies to an investor

Alex 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, Alex received a return after fund charges were deducted of \$1,433 (that is 14.33% of his initial \$10,000). Alex also paid \$0 in other charges. This gives Alex a total return after tax of \$1,433 for the year.

## What does the fund invest in?

### ACTUAL INVESTMENT MIX

This shows the type of assets the portfolio invests in as at 31 March 2017.



### TARGET INVESTMENT MIX

This shows the mix of assets the portfolio generally intends to invest in.

Cash and Cash Equivalents	0.0%
New Zealand Fixed Interest	0.0%
International Fixed Interest	0.0%
Australasian Equities	30.0%
International Equities	55.0%
Property	0.0%
Other **	15.0%

## TOP 10 INVESTMENTS

NO	NAME	% OF PORTFOLIO NET ASSETS	TYPE	COUNTRY	CREDIT RATING (IF APPLICABLE)
1	iShares S&P NA Tech ETF	11.05%	International Equities	United States	
2	SPDR S&P Bank ETF	10.64%	International Equities	United States	
3	Wisdomtree Japan Hedged ETF	7.94%	International Equities	United States	
4	iShares MSCI EMU Hedged ETF	7.64%	International Equities	United States	
5	iShares US Medical Devices ETF	5.67%	International Equities	United States	
6	iShares STOXX Europe 600 Tele- comms ETF	3.59%	International Equities	European Union	
7	iShares MSCI India ETF	2.98%	International Equities	United States	
8	GMO Macro Trust-B	2.86%	Other	Australia	
9	iShares St 600 Health Care Devices ETF	2.78%	International Equities	European Union	
10	JBWere Premium Custody Call Account	2.74%	Cash and Cash equivalents	New Zealand	

The total value of the above investments as a percentage of the net asset value of the Global Equities Portfolio is 57.89%.

### Currency hedging

Currency hedging can apply to some of the asset classes the portfolio invests in. The level of hedging for Australian equities can be actively managed between 0%-100%. International equities are normally 50% hedged but this can be actively managed between 0%-100%. Please refer to the Statement of Investment Policy and Objectives on the scheme register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose) for more information.

### Key personnel

This shows the directors and employees who have the most influence on the investment decisions of the portfolio.

NAME	CURRENT POSITION	TIME IN CURRENT POSITION	PREVIOUS OR OTHER POSITION	TIME IN PREVIOUS OR OTHER POSITION
Bruce Robertson	Portfolio Manager	20 years and 0 months	Partner - Goldman-Sachs	7 years and 1 month
Tom Phillips	Portfolio Manager	12 years and 6 months	Corporate Lawyer	7 years and 8 months
Bernard Doyle	Strategist	21 years and 0 months	Analyst - Goldman-Sachs	2 years and 0 months
Hayden Griffiths	Asset Allocation	20 years and 11 months	Analyst - BZW	2 years and 5 months
Earl White (Bancorp Treasury Services)	Director	14 years and 2 months	Treasurer - BNP Paribas	8 years and 7 months

### Further information

You can also obtain this information, the PDS for Medical Assurance Society Retirement Savings Plan, and some additional information from the offer register at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

### Notes

\* An estimate has been used to calculate the underlying fund performance fees which are included in 'Other management and administration charges'. Underlying fund performance fees have been estimated by the managers for the year to 31 March 2017. Additional information on fees is available from the offer register under Fund Information at [www.business.govt.nz/disclose](http://www.business.govt.nz/disclose).

\*\* 'Other' is comprised of Alternative Investments. These are mainly hedge funds and private equity investments.