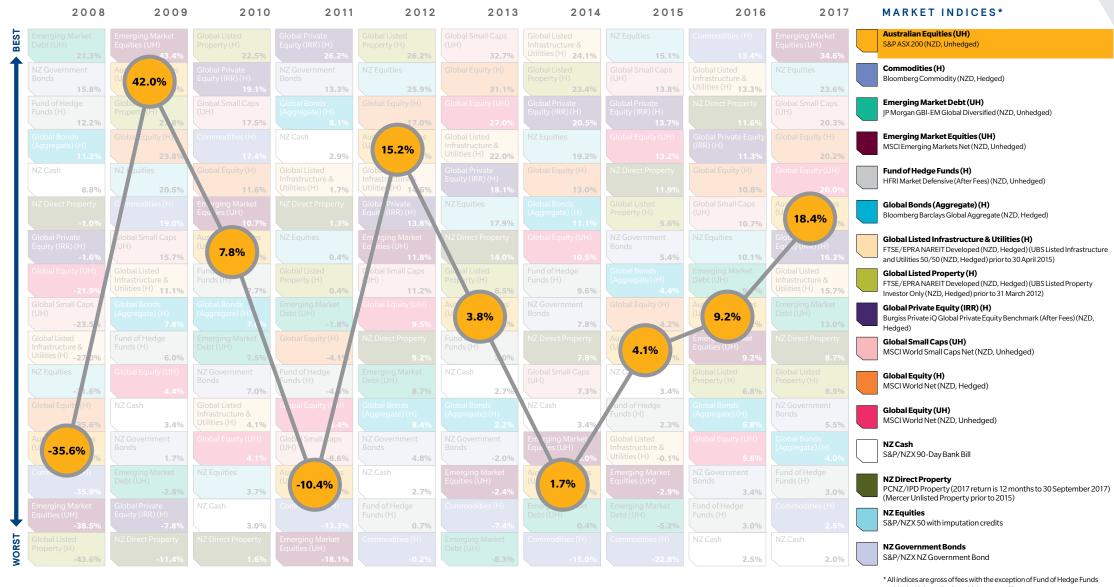




^{*} All indices are gross of fees with the exception of Fund of Hedge Funds and Global Private Equity, which are net of fees.

[»] Click here for important notices.

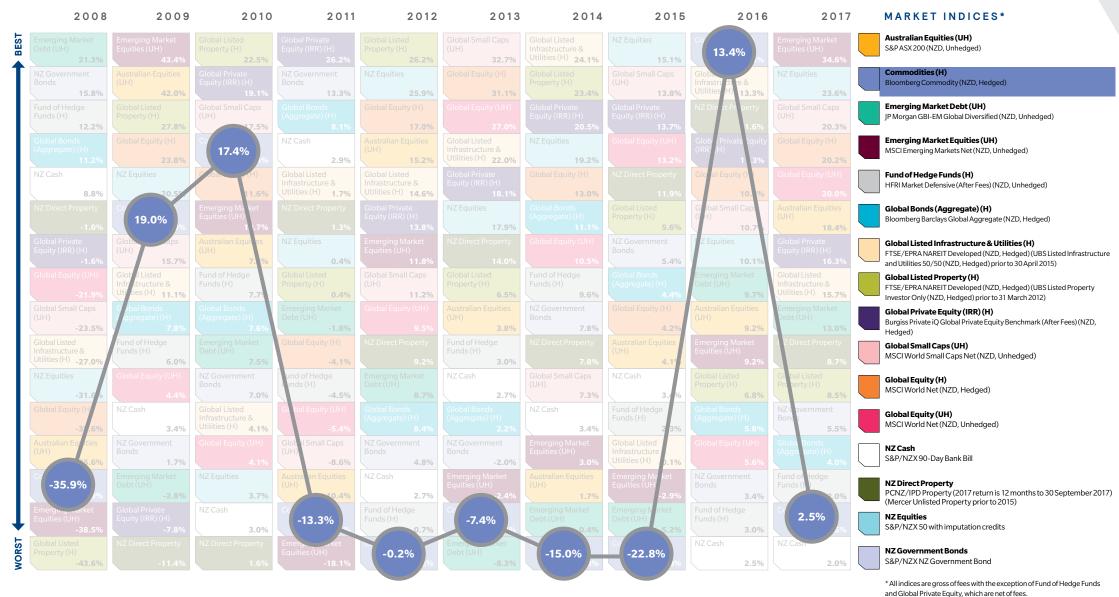




and Global Private Equity, which are net of fees.

[»] Click here for important notices.

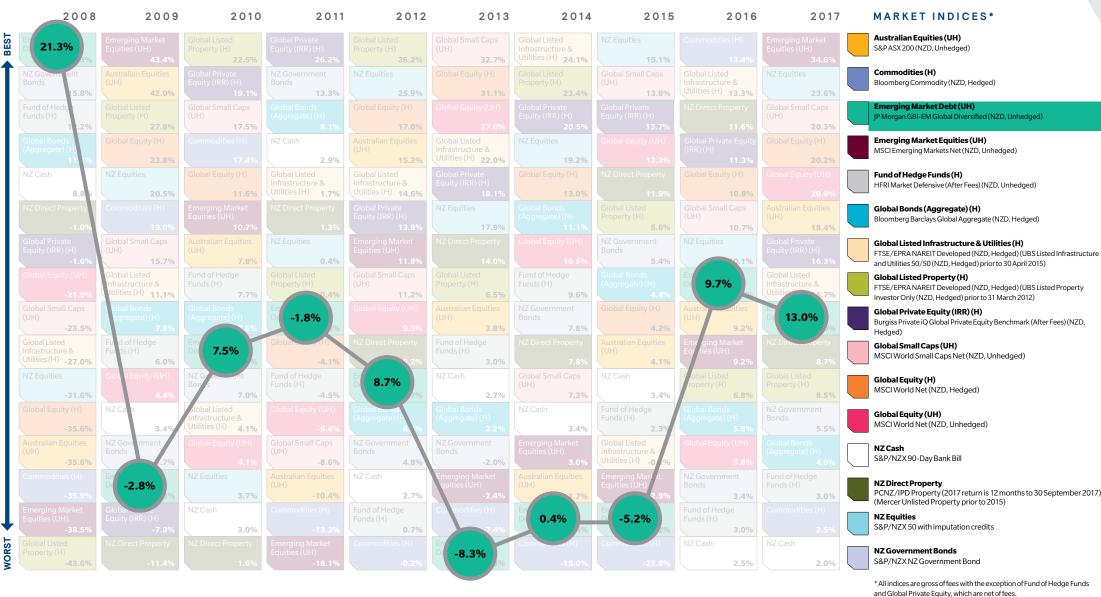




[»] Click here for important notices.



Click on an index in the legend below to view its trend through the decade. MARKET INDICES* Australian Equities (UH) S&PASX 200 (NZD, Unhedged) Commodities (H) Bloomberg Commodity (NZD, Hedged) Emerging Market Debt (UH) JP Morgan GBI-EM Global Diversified (NZD, Unhedged) Emerging Market Equities (UH) MSCI Emerging Markets Net (NZD, Unhedged) Fund of Hedge Funds (H) HFRI Market Defensive (After Fees) (NZD, Unhedged) Global Bonds (Aggregate) (H) Bloomberg Barclays Global Aggregate (NZD, Hedged) Global Listed Infrastructure & Utilities (H) and Utilities 50/50 (NZD, Hedged) prior to 30 April 2015) Global Listed Property (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Property Investor Only (NZD, Hedged) prior to 31 March 2012) Global Private Equity (IRR) (H) Burgiss Private iQ Global Private Equity Benchmark (After Fees) (NZD, Hedged) Global Small Caps (UH) MSCI World Small Caps Net (NZD, Unhedged) Global Equity (H) MSCI World Net (NZD, Hedged) Global Equity (UH) MSCI World Net (NZD, Unhedged) S&P/NZX 90-Day Bank Bill **NZ Direct Property** (Mercer Unlisted Property prior to 2015) NZ Equities S&P/NZX 50 with imputation credits



[»] Click here for important notices.



2009

43.4%

2010

10.7%

Utilities (H) 4.1%

2008

8.8%

PERIODIC TABLE OF ANNUAL INVESTMENT RETURNS

2012

11.8%

2013

2014

3.0%

-2.4%

2.7%

2015

2017

34.6%

2016

2011

2.9%

Click on an index in the legend below to view its trend through the decade. MARKET INDICES* Australian Equities (UH) S&PASX 200 (NZD, Unhedged) Commodities (H) Bloomberg Commodity (NZD, Hedged) Emerging Market Debt (UH) JP Morgan GBI-EM Global Diversified (NZD, Unhedged) Emerging Market Equities (UH) MSCI Emerging Markets Net (NZD, Unhedged) Fund of Hedge Funds (H) HFRI Market Defensive (After Fees) (NZD, Unhedged) Global Bonds (Aggregate) (H) Bloomberg Barclays Global Aggregate (NZD, Hedged) Global Listed Infrastructure & Utilities (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Infrastructure and Utilities 50/50 (NZD, Hedged) prior to 30 April 2015) Global Listed Property (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Property Investor Only (NZD, Hedged) prior to 31 March 2012) Global Private Equity (IRR) (H) Burgiss Private iQ Global Private Equity Benchmark (After Fees) (NZD, Hedged) Global Small Caps (UH) MSCI World Small Caps Net (NZD, Unhedged) Global Equity (H) MSCI World Net (NZD, Hedged) Global Equity (UH) MSCI World Net (NZD, Unhedged) S&P/NZX 90-Day Bank Bill **NZ Direct Property** PCNZ/IPD Property (2017 return is 12 months to 30 September 2017) (Mercer Unlisted Property prior to 2015) NZ Equities S&P/NZX 50 with imputation credits

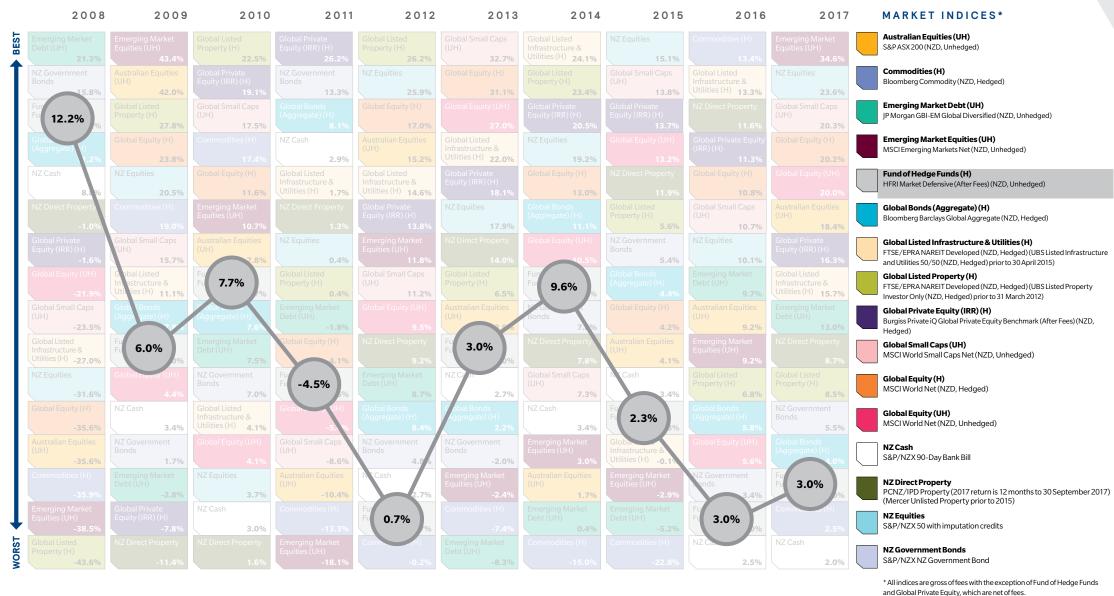


and Global Private Equity, which are net of fees. » Click here for important notices.

* All indices are gross offees with the exception of Fund of Hedge Funds

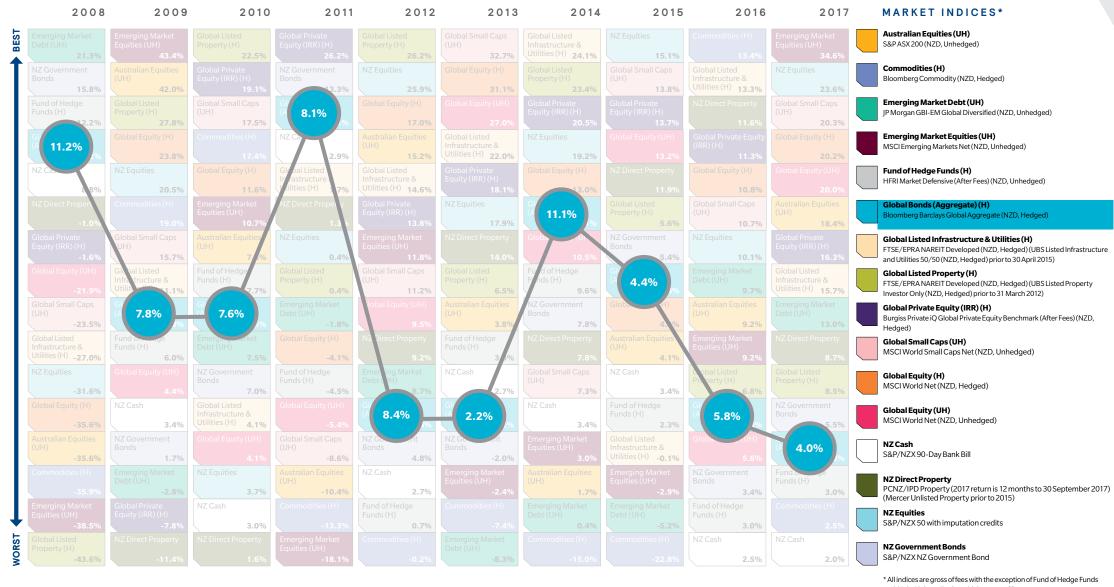
S&P/NZX NZ Government Bond





[»] Click here for important notices.

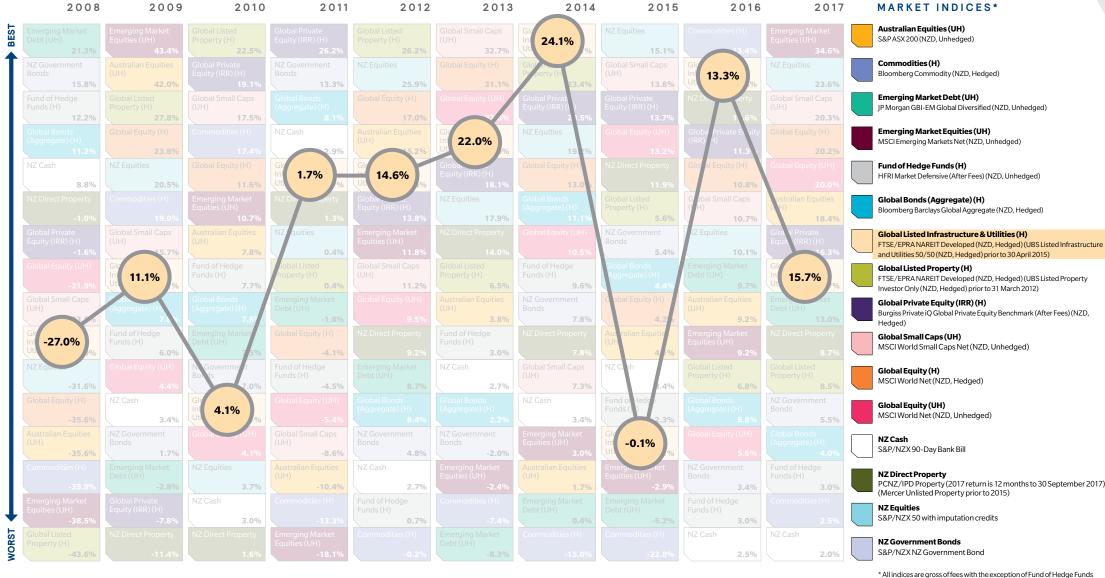




and Global Private Equity, which are net of fees.

[»] Click here for important notices.





^{*} All indices are gross offees with the exception of Fund of Hedge Funds and Global Private Equity, which are net of fees.

[»] Click here for important notices.



										to view its trend through the decade.
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	MARKET INDICES*
Emerging Market Debt (UH) 21.3%	Emerging Market Equities (UH) 43.4%	Gl/ Pr 22.5%	Global Private Equity (IRR) (H) 26.2%	Gly Pr 26.2%	Global Small Caps (UH) 32.7%	Global Listed Infrastructure & Utility 19	NZ Equities	Commodities (H)	Emerging Market Equities (UH) 34.6%	Australian Equities (UH) S&P ASX 200 (NZD, Unhedged)
Z Government onds	Australian Equities (UH)	Equity (IRR) (1)	NZ Government Bonds	NZ Equation 21.9%	Global Equity (H)	GI Pr 23.4%	Global Small Caps (UH)	Global Listed Infrastructure & Utilities (H) 13.3%	NZ Equities	Commodities (H) Bloomberg Commodity (NZD, Hedged)
and of Hedge ands (H)	Gle 27.8%	Global Small Cars (UH)	Global Bonds (Aggregate) (H)	Gloval Equity (II)	Global Equity (UH)	Globa Tivate Equit (IRR) (H)	Global Private Equity (IRR) (H) 13.7%	NZ Direct Property	Global Small Caps (UH)	Emerging Market Debt (UH) JP Morgan GBI-EM Global Diversified (NZD, Unhedged)
obal Bonds ggregate) (H)	Global 5 (H) 23.8%	Commodities (H)	NZ Cash	/ustralian Equities (UH)	Global Listed Infrastructure & Utilities (H) 22.0%	NZ Equities	Global Equity (UH)	Global Private Equity (IRR) (H)	Global Equity (H)	Emerging Market Equities (UH) MSCI Emerging Markets Net (NZD, Unhedged)
Z Cash 8.8 %	NZ Equities 20.5%	Global Equity (H)	Global Listed Infrastructure & Itilities (H) 1.79	Global Listed Infrastructure & Utilities (H) 14.6%	Global Private Equity (IRR) (H)	Global Equity (H)	N. Direct Property	Global Equity (H)	Global Equity (UH)	Fund of Hedge Funds (H) HFRI Market Defensive (After Fees) (NZD, Unhedged)
Z Direct Property	Com nodities (H)	Emerging Market Equities (UH)	N. Direct Propert	Global Private Equity (IRR) (H)	N Equities	Global Bonds (Aggregate) (H)	Glc Pri 5.6%	Global Small Caps (UH)	Australian Equities (UH)	Global Bonds (Aggregate) (H) Bloomberg Barclays Global Aggregate (NZD, Hedged)
	Glybal Small Caps (U l) 15.7%	Australian Equities (UH) 7.8%	NZ Eduities	Emerging Market Equities (UH)	NZ Direct Propirity	Global Equity (UH)	NZ Go. Bonds	NZ Equities	Global Private Equity (IRR) (H) 16.3%	Global Listed Infrastructure & Utilities (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Infrastruc and Utilities 50/50 (NZD, Hedged) prior to 30 April 2015)
	Global Listed Infrastructure & Itilities (H) 11.1%	Fund of Hedge Funds (H)	Gly 0.4%	Global Small Caps (UH)	GI Pr 6.5%	Fund of Hedge Funds (H)	Global Bonds (Aggregate) (H)	Emerging Market Debt (UH) 9.7%	Global Listed Infrastructure & Utilities (H) 15.7%	Global Listed Property (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Property Investor Only (NZD, Hedged) prior to 31 March 2012)
lobal Small Caps JH) -23.5%	Global Bonds (Aggregate) (H) 7.8%	Global Bonds (Aggregate) (H) 7.6 %	Emerginariket Debt (UH)	Global Equity (UH) 9.5%	Austran dulties (UH)	NZ Government Bonds 7.8%	Global Equity (H) 4.2%	Australian Equities (UH) 9.2%	Emerging Market Debt (UH)	Global Private Equity (IRR) (H) Burgiss Private iQ Global Private Equity Benchmark (After Fees) (NZD, Hedged)
obal Listed frastructure & cilities (H) -27.0%	Fund of Hedge Funds (H)	Emerging Market Debt (UH)	Global Equity (H) -4.1%	NZ Direct Property 9.2%	Fund of Hedge Funds (H)	NZ Direct Property 7.8%	Australian Equities (UH) 4.1%	Em vrging Market Equ. ies (UH)	NZ Direct Property	Global Small Caps (UH) MSCI World Small Caps Net (NZD, Unhedged)
Z Equities	Global Equity (UH) 4.4%	NZ Government Bonds 7.0%	Fund of Hedge Funds (H) -4.5%	Emerging Market Debt (UH) 8.7%	NZ Cash	Global Small Caps (UH)	NZ Cash	GI 6.8%	GI/ 8.5%	Global Equity (H) MSCI World Net (NZD, Hedged)
obal Equity (H)	NZ Cash	Global Listed Infrastructure & Utilities (H) 4.1%	Global Equity (UH)	Global Bonds (Aggregate) (H) 8.4%	Global Bonds (Aggregate) (H) 2.2%	NZ Cash	Fund of Hedge Funds (H)	Globa (Aggregate) (H) 5.8%	NZ Government Bonds 5.5%	Global Equity (UH) MSCI World Net (NZD, Unhedged)
ustralian Equil es IH) -35.6%	NZ Government Bonds	Global Equity (UH) 4.1%	Global Small Caps (UH)	NZ Government Bonds	NZ Government Bonds	Emerging Market Equities (UH) 3.0%	Global Listed Infrastructure & Utilities (H) -0.1%	Global Equity (UH) 5.6%	Global Bonds (Aggregate) (H) 4.0%	NZ Cash S&P/NZX 90-Day Bank Bill
ommodities H)	Emerging Market Debt (UH)	NZ Equities	Australian Equities (UH)	NZ Cash	Emerging Market Equities (UH) -2.4%	Australian Equities (UH)	Emerging Market Equities (UH) -2.9%	NZ Government Bonds 3.4%	Fund of Hedge Funds (H)	NZ Direct Property PCNZ/IPD Property(2017 return is 12 months to 30 September 2
merging N arket quities (U I)	Global Private Equity (IRR) (H) -7.8%	NZ Cash	Commodities (H)	Fund of Hedge Funds (H)	Commodities (H)	Emerging Market Debt (UH)	Emerging Market Debt (UH) -5.2%	Fund of Hedge Funds (H)	Commodities (H)	(Mercer Unlisted Property prior to 2015) NZ Equities S&P/NZX 50 with imputation credits
-43.6%	NZ Direct Property	NZ Direct Property	Emerging Market Equities (UH) -18.1%	Commodities (H)		Commodities (H)	Commodities (H)	NZ Cash	NZ Cash	NZ Government Bonds S&P/NZX NZ Government Bond

and Global Private Equity, which are net of fees.

[»] Click here for important notices.



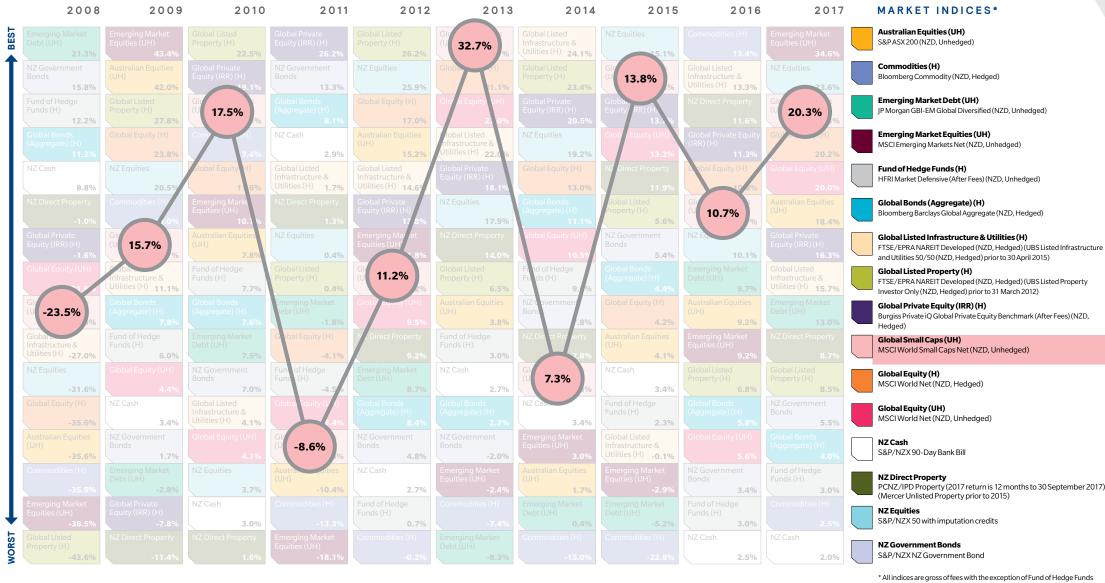
Click on an index in the legend below to view its trend through the decade. MARKET INDICES* Australian Equities (UH) S&PASX 200 (NZD, Unhedged) Commodities (H) Bloomberg Commodity (NZD, Hedged) Emerging Market Debt (UH) JP Morgan GBI-EM Global Diversified (NZD, Unhedged) Emerging Market Equities (UH) MSCI Emerging Markets Net (NZD, Unhedged) Fund of Hedge Funds (H) HFRI Market Defensive (After Fees) (NZD, Unhedged) Global Bonds (Aggregate) (H) Bloomberg Barclays Global Aggregate (NZD, Hedged) Global Listed Infrastructure & Utilities (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Infrastructure and Utilities 50/50 (NZD, Hedged) prior to 30 April 2015) Global Listed Property (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Property Investor Only (NZD, Hedged) prior to 31 March 2012) Global Private Equity (IRR) (H) Burgiss Private iQ Global Private Equity Benchmark (After Fees) (NZD, Global Small Caps (UH) MSCI World Small Caps Net (NZD, Unhedged) Global Equity (H) MSCI World Net (NZD, Hedged) Global Equity (UH) MSCI World Net (NZD, Unhedged)



and Global Private Equity, which are net of fees.

[»] Click here for important notices.





and Global Private Equity, which are net of fees.

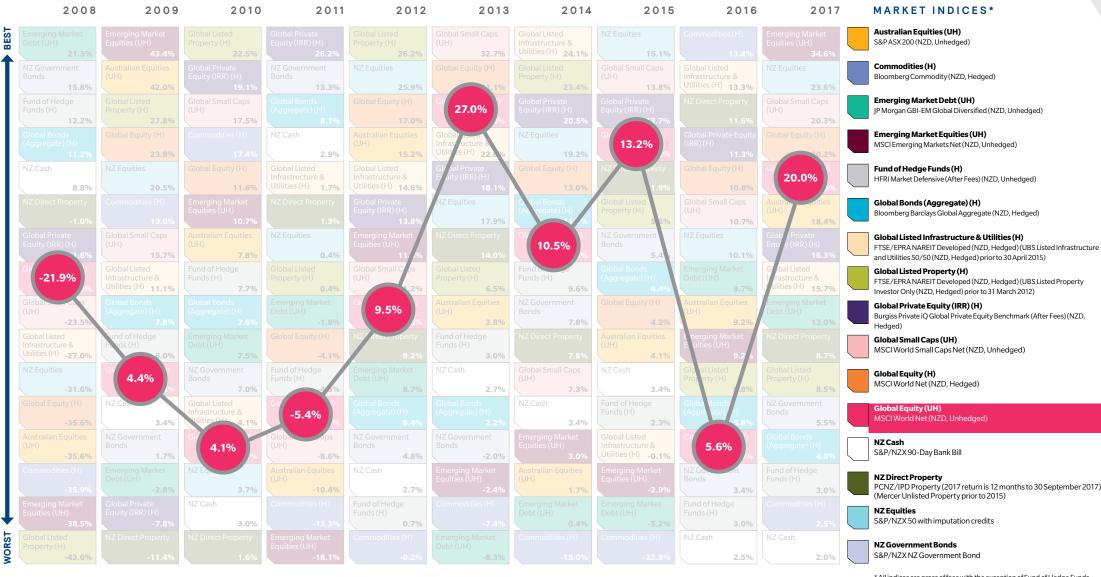
[»] Click here for important notices.





[»] Click here for important notices.

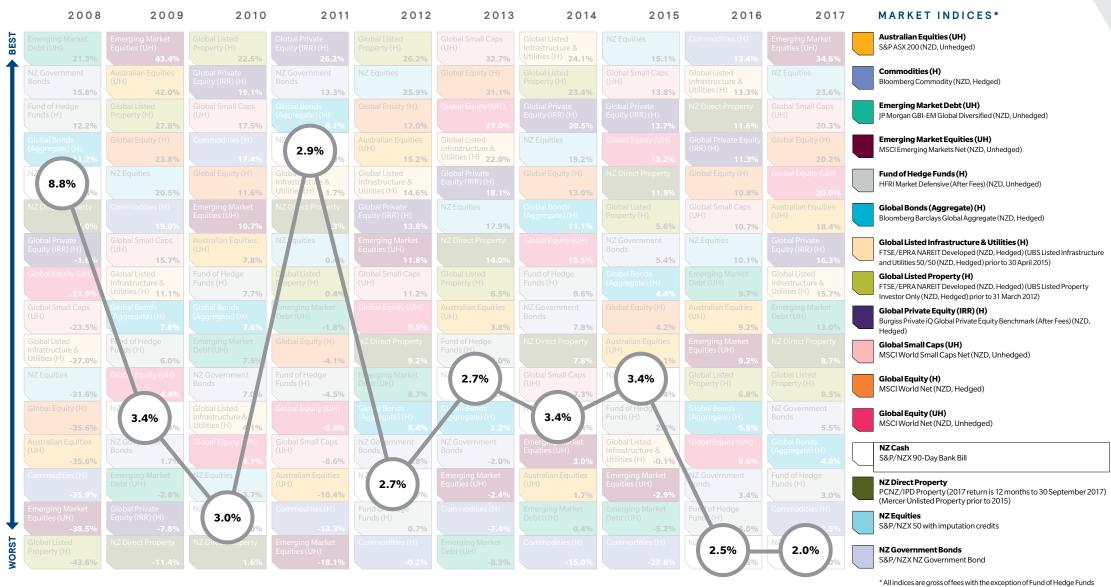




^{*} All indices are gross of fees with the exception of Fund of Hedge Funds and Global Private Equity, which are net of fees.

[»] Click here for important notices.





and Global Private Equity, which are net of fees.

» Click here for important notices.



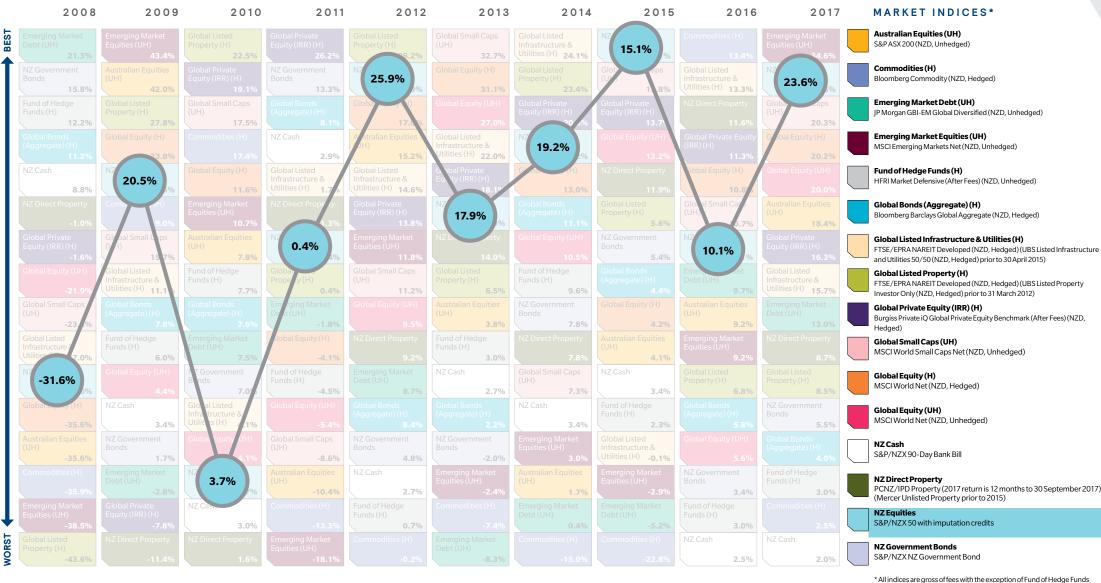
Click on an index in the legend below to view its trend through the decade.



» Click here for important notices.



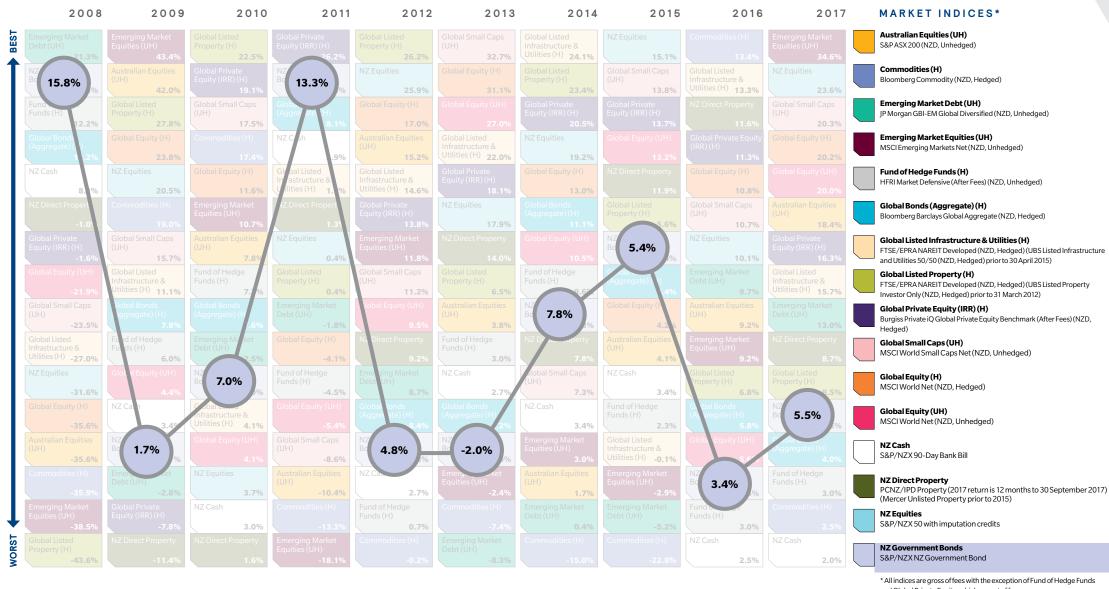
Click on an index in the legend below to view its trend through the decade. MARKET INDICES* Australian Equities (UH) S&PASX 200 (NZD, Unhedged) Commodities (H) Bloomberg Commodity (NZD, Hedged) Emerging Market Debt (UH) JP Morgan GBI-EM Global Diversified (NZD, Unhedged) Emerging Market Equities (UH) MSCI Emerging Markets Net (NZD, Unhedged) Fund of Hedge Funds (H) HFRI Market Defensive (After Fees) (NZD, Unhedged) Global Bonds (Aggregate) (H) Bloomberg Barclays Global Aggregate (NZD, Hedged) Global Listed Infrastructure & Utilities (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Infrastructure and Utilities 50/50 (NZD, Hedged) prior to 30 April 2015) Global Listed Property (H) FTSE/EPRA NAREIT Developed (NZD, Hedged) (UBS Listed Property Investor Only (NZD, Hedged) prior to 31 March 2012) Global Private Equity (IRR) (H) Burgiss Private iQ Global Private Equity Benchmark (After Fees) (NZD, Hedged) Global Small Caps (UH) MSCI World Small Caps Net (NZD, Unhedged) Global Equity (H) MSCI World Net (NZD, Hedged) Global Equity (UH) MSCI World Net (NZD, Unhedged) S&P/NZX 90-Day Bank Bill **NZ Direct Property** PCNZ/IPD Property (2017 return is 12 months to 30 September 2017) (Mercer Unlisted Property prior to 2015)



and Global Private Equity, which are net of fees.

[»] Click here for important notices.





and Global Private Equity, which are net of fees.

[»] Click here for important notices.



Oclick here to return to all indices

Mercer has been helping New Zealanders manage their investments and retirement savings for over 60 years. As a global professional services company, we offer clients advice and solutions in the areas of investments, risk, strategy and human capital. The firm is a wholly-owned subsidiary of Marsh & McLennan Companies Inc, a Fortune 500 company.

Mercer is based in more than 40 countries, and we operate in more than 130 countries. As the world's largest investment consultant, Mercer has the knowledge and experience of thousands of client projects we can draw upon and leverage for the benefit of our New Zealand clients, instantly tapping into global best practice.

Our local team is backed up with the resources of 1,000 investment colleagues in our global network. This wide pool of specialists allows us to provide leading-edge capital markets and fund manager research, technical modelling and portfolio design that helps our clients build portfolios optimal for their needs.

Please contact us to see how we can help you:

David Scobie Principal Telephone +64 9 928 3231

Russell Garrett **Principal**

Telephone +64 4 819 2572

mercer.co.nz

© 2018, Mercer. All rights reserved.

This contains confidential and proprietary information of Mercer and is intended for the exclusive use of the parties to whom it was provided by Mercer. Its contents may not be modified, sold or otherwise provided, in whole or in part, to any person or entity, without Mercer's prior written permission.

Information contained herein has been obtained from a range of third party sources. While the information is believed to be reliable, Mercer has not sought to verify it independently. As such, Mercer makes no representations or warranties as to the accuracy of the information presented and takes no responsibility or liability (including for indirect, consequential or incidental damages), for any error, omission or inaccuracy in the data supplied by any third party.

The findings, ratings and/or opinions expressed herein are the intellectual property of Mercer and are subject to change without notice. They are not intended to convey any guarantees as to the future performance of the investment products, asset classes or capital markets discussed. Past performance does not guarantee future results. Mercer's ratings do not constitute individualised advice.

ed - Proof 2