

## McMaster University - Hourly Pension Plan

### Total Fund Investment Performance and Structure (By Asset Class)

Periods Ending December 31, 2022

	Annual Returns % (ending December 31)				4 - Year Annualized Returns %			
	2022	2021	2020	2019	2022	2021	2020	2019
Total Fund	-15.0	12.9	10.0	14.9	4.9	9.0	7.8	6.6
Policy Benchmark	-12.3	9.7	10.6	14.8	5.1	8.2	7.9	6.7
Total Value Added	-2.7	3.2	-0.6	0.1	-0.2	0.8	-0.1	-0.1

Note: Time-weighted returns are presented.

	Market Index	December 31, 2022		Policy Asset Mix %		
		Market Value \$000s	Percent	Min	Benchmark	Max
<b>Equities</b>						
Canadian Equities	S&P/TSX Composite	14,225	21.9	10.0	20.0	30.0
U.S. Equities	S & P 500 Unhedged	12,511	19.3	8.0	18.0	28.0
Non-North American Equities	MSCI EAFE Unhedged	13,023	20.1	7.0	17.0	27.0
Total Foreign Equities		25,534	39.4		35.0	
Total Equities		39,759	61.3		55.0	
<b>Fixed Income</b>						
Universe Bonds	FTSE Canada Universe	11,824	18.2	10.0	20.0	30.0
Long Bonds	FTSE Canada Long Term	12,941	20.0	15.0	25.0	35.0
Cash		296	0.5	0.0	0.0	10.0
Total Fixed Income		25,061	38.7		45.0	
<b>Total Fund</b>		64,820	100.0		100.0	