Based on 3 year standard deviation

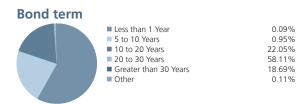
FIXED INCOME Code 4665 / LTGBF

Manulife Asset Management Long-Term Liability Government Bond Fund

How the underlying fund is invested







Top holdings within the underlying fund (As at June 30, 2019)

Ontario 2.800% 02-Jun-2048	9.97%
Hydro-Quebec 0.000% 15-Feb-2050	9.36%
Government of Quebec 3.500% 01-Dec-2048	7.28%
British Columbia 3.200% 18-Jun-2044	4.48%
British Columbia 2.800% 18-Jun-2048	3.60%
Alberta Province 3.050% 01-Dec-2048	3.30%
Ontario 4.600% 02-Jun-2039	3.12%
Hydro-Quebec 0.000% 15-Feb-2055	2.39%
Hydro-Quebec 5.000% 15-Feb-2050	2.09%
Ontario 3.500% 02-Jun-2043	2.08%

UNDERLYING FUND -> Manulife Investment Management Long-Term Liability **Government Bond Pooled Fund**

Objective The Manulife Asset Management Long-Term Liability Government Bond Fund is managed to provide returns that closely track the returns of the SLI Long-Term Liability Provincial Bond Benchmark by investing primarily in Canadian dollar denominated provincial and provincially guaranteed fixed income securities.

traded to be a

Managed by Manulife Asset Management Limited Fund managers Standard Life Investments Inc.

Duration 19.31

99.80%

0.20%

	Onderlying rund	Segregated rund
Inception date	January 2013	January 2013
Total assets	\$221.9 million	\$86.5 million
Operating expense (2018)	0.04%	0.03%

Overall past performance

This graph shows how a \$10,000 investment in this fund would have changed in value over time, based on gross returns. Gross rates of return are shown before investment management fees have been deducted. The shaded returns represent the underlying fund returns prior to the Manulife Fund's inception date.



Annualized compound returns (As at June 30, 2019)

This table shows the historical annual compound total return of the fund compared with the benchmark, as outlined in the rate of return expectation below.

	3 mo (%)	1 year (%)	2 year (%)	3 year (%)	5 year (%)	10 year (%)
Fund	6.00	13.03	7.62	4.99	7.93	-
Benchmark	6.01	13.19	7.74	5.09	8.03	-

Investment objective

The Fund strives to outperform the FTSE TMX Bond Index.

Note: All rates of return are shown before investment management fees or taxes have been deducted.

The rate of return is used only to illustrate the effects of the compound growth rate and is not intended to reflect the future values or returns in the Fund. Operating expenses are the costs of operating and maintaining a fund, and include items such as legal, audit, trustee, custodial, and fund valuation fees. Operating expenses are incurred by the Segregated Fund and by the Underlying Fund (if applicable). Manulife's segregated fund operating expenses are included in the Investment Management Fees.

Source: Lipper, a Thomson Reuters company

