

# BMO ETFs Fixed Income Summary

Name	Ticker	Portfolio Statistics							Tax Equivalent Yield	Average Credit Rating	Geographic Focus
		Current Price	AUM (\$MM)	Coupon	Current Yield	YTM	TTM	Duration			
BMO AGGREGATE BOND INDEX ETF	ZAG	12.88	5762.71	3.02	3.52	4.90	9.66	6.89	5.99%	AA	Canada
BMO SHORT FEDERAL BOND INDEX ETF	ZFS	13.17	948.54	2.00	2.14	4.56	2.69	2.53	6.03%	AAA	Canada
BMO MID FEDERAL BOND INDEX ETF	ZFM	13.59	1032.80	2.03	2.36	4.22	7.66	6.84	5.49%	AAA	Canada
BMO LONG FEDERAL BOND INDEX ETF	ZFL	11.91	2706.79	2.76	3.40	3.98	24.25	16.24	4.68%	AAA	Canada
BMO SHORT PROVINCIAL BOND INDEX ETF	ZPS	11.78	323.52	2.64	2.79	4.70	2.99	2.78	5.89%	AA	Canada
BMO MID PROVINCIAL BOND INDEX ETF	ZMP	12.81	281.88	2.78	3.15	4.69	7.34	6.39	5.79%	AA	Canada
BMO LONG PROVINCIAL BOND INDEX ETF	ZPL	11.34	225.08	3.68	4.44	4.95	22.76	14.17	5.68%	AA	Canada
BMO SHORT CORPORATE BOND INDEX ETF	ZCS	12.96	1282.99	3.41	3.65	5.87	2.94	2.68	7.29%	A	Canada
BMO MID CORPORATE BOND INDEX ETF	ZCM	13.93	431.12	4.26	4.70	5.91	7.12	5.81	6.87%	BBB	Canada
BMO LONG CORPORATE BOND INDEX ETF	ZLC	13.72	273.63	4.71	5.44	5.83	20.71	11.82	6.48%	A	Canada
BMO REAL RETURN BOND INDEX ETF	ZRR	13.34	89.92	2.47	2.60	3.96	15.77	13.41	4.82%	AAA	Canada
BMO ULTRA SHORT-TERM BOND ETF	ZST	48.63	1073.40	2.66	2.70	5.66	0.52	0.52	7.39%	A	Canada
BMO DISCOUNT BOND INDEX ETF	ZDB	13.84	807.27	1.94	2.47	4.85	9.11	6.89	6.53%	AA	Canada
BMO SHORT-TERM BOND INDEX ETF	ZSB	46.07	137.63	2.57	2.74	5.02	2.80	2.60	6.43%	AA	Canada
BMO GOVERNMENT BOND INDEX ETF	ZGB	42.61	1011.16	2.57	3.06	4.56	10.13	7.38	5.71%	AAA	Canada
BMO CORPORATE BOND INDEX ETF	ZCB	43.45	92.68	3.76	4.33	5.82	8.15	5.48	7.01%	A	Canada
BMO ESG CORPORATE BOND INDEX ETF	ESGB	25.37	56.50	3.45	4.02	5.80	7.49	5.20	7.14%	A	Canada
BMO BBB CORPORATE BOND INDEX ETF	ZBBB	26.73	8.28	3.54	3.91	5.98	4.47	3.88	7.38%	BBB	Canada
BMO HIGH QUALITY CORPORATE BOND INDEX ETF	ZQB	27.30	22.01	3.17	3.44	5.65	3.53	3.14	7.07%	A	Canada
BMO CANADIAN MBS INDEX ETF	ZMBS	28.78	284.67	1.02	1.12	5.15	2.40	1.90	7.53%	AAA	Canada
BMO CORPORATE DISCOUNT BOND ETF	ZCDB	28.14	35.65	2.03	2.31	5.71	3.71	3.43	7.82%	A	Canada
BMO SHORT-TERM DISCOUNT BOND ETF	ZSDB	28.80	61.07	1.33	1.47	5.10	2.70	2.59	7.27%	AA	Canada
BMO EMERGING MARKETS BOND HEDGED TO CAD INDEX ETF	ZEF	11.46	566.67	4.62	5.57	8.83	5.11	4.18	11.26%	BBB	Emerging Markets
BMO HIGH YIELD US CORPORATE BOND INDEX ETF	ZJK	17.05	992.50	6.08	7.00	9.51	4.86	3.64	11.49%	B	United States
BMO HIGH YIELD US CORPORATE BOND HEDGED TO CAD INDEX ETF	ZHY	10.38	902.87	6.08	7.00	9.51	4.86	3.64	11.49%	B	United States
BMO MID-TERM US IG CORPORATE BOND INDEX ETF	ZIC	16.41	2873.43	3.82	4.48	6.35	7.46	6.11	7.81%	A	United States
BMO MID-TERM US IG CORPORATE BOND INDEX ETF	ZIC.U	11.98	22.96	3.82	4.48	6.35	7.46	6.11	7.81%	A	United States
BMO MID-TERM US IG CORPORATE BOND HEDGED TO CAD INDEX	ZMU	11.69	2726.54	3.82	4.48	6.35	7.46	6.11	7.81%	A	United States
BMO SHORT-TERM US IG CORPORATE BOND HEDGED TO CAD	ZSU	12.84	134.54	3.55	3.80	6.19	2.80	2.52	7.72%	A	United States
BMO SHORT-TERM US TREASURY BOND INDEX ETF	ZTS	48.78	34.93	2.28	2.45	5.02	2.81	2.63	6.60%	AAA	United States
BMO SHORT-TERM US TREASURY BOND INDEX ETF	ZTS.U	46.09	12.90	2.28	2.45	5.02	2.81	2.63	6.60%	AAA	United States
BMO MID-TERM US TREASURY BOND INDEX ETF	ZTM	45.19	13.50	2.59	2.99	4.90	7.07	6.21	6.23%	AAA	United States
BMO MID-TERM US TREASURY BOND INDEX ETF	ZTM.U	42.87	10.92	2.59	2.99	4.90	7.07	6.21	6.23%	AAA	United States
BMO LONG-TERM US TREASURY BOND INDEX ETF	ZTL	34.99	182.45	2.79	4.22	5.19	25.95	16.39	6.57%	AAA	United States
BMO LONG-TERM US TREASURY BOND INDEX ETF	ZTL.U	33.03	22.57	2.79	4.22	5.19	25.95	16.39	6.57%	AAA	United States
BMO LONG-TERM US TREASURY BOND INDEX ETF	ZTL.F	28.28	239.94	2.79	4.22	5.19	25.95	16.39	6.57%	AAA	United States
BMO ULTRA SHORT-TERM US BOND ETF (US DOLLAR UNITS)	ZUS.U	46.65	26.48	1.62	1.65	6.36	0.37	0.38	9.08%	A	United States
BMO ESG US CORPORATE BOND HEDGED TO CAD INDEX ETF	ESGF	23.13	17.18	3.70	4.58	6.26	10.33	6.63	7.73%	A	United States
BMO HIGH YIELD US CORPORATE BOND INDEX ETF (USD UNITS)	ZJK.U	16.46	3.34	6.08	7.00	9.51	4.86	3.64	11.49%	B	United States
BMO ESG HIGH YIELD US CORPORATE BOND INDEX ETF	ESGH	26.18	2.58	5.04	5.94	8.85	5.05	3.94	11.04%	B	United States
BMO ESG HIGH YIELD US CORPORATE BOND INDEX ETF (HEDGED)	ESGH.F	24.02	4.10	5.04	5.94	8.85	5.05	3.94	11.04%	B	United States
BMO US AGGREGATE BOND INDEX ETF	ZUAG	29.10	2.17	2.17	2.78	5.44	8.50	6.04	7.33%	AA	United States
BMO US AGGREGATE BOND INDEX ETF (HEDGED UNITS)	ZUAG.F	28.42	321.71	2.17	2.78	5.44	8.50	6.04	7.33%	AA	United States
BMO US AGGREGATE BOND INDEX ETF (USD UNITS)	ZUAG.U	28.54	6.27	2.17	2.78	5.44	8.50	6.04	7.33%	AA	United States
BMO USD CASH MANAGEMENT ETF	ZUCM	30.70	5.39	5.51	5.51	5.51	0.42	0.40	5.51%	AA	United States
BMO USD CASH MANAGEMENT ETF (USD UNITS)	ZUCM.U	30.07	50.28	5.51	5.51	5.51	0.42	0.40	5.51%	AA	United States
BMO CANADIAN BANK INCOME INDEX ETF	ZBI	27.19	15.53	3.59	3.84	6.45	2.48	2.21		A	Canada
BMO FLOATING RATE HIGH YIELD ETF	ZFH	13.81	74.64	9.85	9.67	9.35	4.84	0.24		BB	United States
BMO SHORT-TERM US TIPS INDEX ETF	ZTIP	31.24	21.90	0.73	0.61	5.36	2.52	2.46		AAA	United States
BMO SHORT-TERM US TIPS INDEX ETF (USD UNITS)	ZTIP.U	28.46	2.07	0.73	0.61	5.36	2.52	2.46		AAA	United States
BMO SHORT-TERM US TIPS INDEX ETF (HEDGED UNITS)	ZTIP.F	29.00	171.48	0.73	0.61	5.36	2.52	2.46		AAA	United States
BMO US TIPS INDEX ETF	TIPS	28.89	1.44	0.83	1.11	5.22	7.00	6.49		AA	United States
BMO US TIPS INDEX ETF (HEDGED UNITS)	TIPS.F	28.14	65.53	0.83	1.11	5.22	7.00	6.49		AA	United States
BMO US TIPS INDEX ETF (USD UNITS)	TIPS.U	27.87	1.39	0.83	1.11	5.22	7.00	6.49		AA	United States

## Definitions

**AUM:** Assets Under Management

**Coupon:** yield paid by a fixed income security

**Current yield:** annual income/price

**YTM:** The total expected return from a bond when it is held until maturity – including all interest, coupon payments, and premium or discount adjustments.

**TTM:** Weighted average Term To Maturity of the underlying securities

**Duration:** sensitivity of price to change in interest rates

**Credit rating:** assessment of creditworthiness of a borrower ranked by CCC or below (worst) to AAA (best)

**Term Breakdown:** years to maturity

**Tax Equivalent Yield:** Tax equivalent yield is an estimate of the interest rate required from a GIC to produce the same after tax return as a bond, and takes into account that a portion of a bonds return may be from a capital gain that receives preferential tax treatment. (After Tax Return/ (1-Marginal Tax Rate).

**Tax rate assumptions:** marginal tax rate of 53.53% and capital gains inclusion rate of 50%.

$Coupon \times Initial\ Investment\ (\$100)$	$(YTM - Coupon) \times Initial\ Investment$	$Income\ B4\ Tax \times (1 - Marginal\ Tax\ Rate)$	$(Capital\ Gains\ B4\ Tax \times (1 - Capital\ Gains\ Inclusion\ Rate)) + ((Capital\ Gains\ B4\ Tax \times (1 - Capital\ Gains\ Inclusion\ Rate)) \times (1 - Marginal\ Tax\ Rate))$	$Interest\ Income\ (\$) + Capital\ Gains\ (\$)$
<b>Before Tax Return</b>		<b>After Tax Return</b>		
<b>Interest Income (\$)</b>	<b>Capital Gains (\$)</b>	<b>Interest Income (\$)</b>	<b>Capital Gains (\$)</b>	<b>After Tax Return (\$)</b>



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