



ETF Data Offering – Canadian Listed 2023

ETF Global[®] is a leading, independent provider of Exchange-Traded Fund Reference Data and Quantitative Research to the Investment, Academic and Governmental sectors worldwide. ETFG Data is a comprehensive set of reference and analytics data for Canada Listed Exchange-Traded-Funds and is primarily sourced directly from fund sponsors, custodians, distributors and administrators.

In the following pages are the details of the three primary, ETF data feeds:

1. **ETF Profile Data:**

- Product information on Expenses, Index, Assets Under Management, etc.
- Industry-specific information on Service Providers, etc.
- Classification details on Market Exposures, Geographic Exposures, Industry Exposures

2. **ETF Daily Fund Flows:**

- Net Fund Flows driven by the ETF creation and redemption process
- Actual capital added or withdrawn from the ETF and includes Shares Outstanding and NAV

3. **ETF Constituents:**

- Full holdings (actual) information includes product constituent ID, shares and weight

ETF Global delivers these data feeds daily via FTP, SFTP, API & S3.

For more information including pricing, test files and customized feeds, please contact:

ETFG Data Sales Team | (212) 223-3834 | sales@etfg.com

1. ETF Profile Data

ETFG Date	File Date	Date
As of Date	As of date	Date
Ticker	Ticker of the product	Varchar
Issuer	Issuing firm of the product	Varchar
Description	The name of the product	Varchar
Inception Date	Inception date of the product	Date
Primary Benchmark	Related Index underlying the product	Varchar
Tax Classification	RIC/Partnership/UIT - 1099 vs K1	Varchar
ETN	Boolean field to indicate if it is an ETN	Boolean
Fund AUM	Daily total AUM for product	Float
Management Fee	Management Fee Charged	Float
Other Expense	Other fund expenses	Float
Total Expense	Total Expense	Float
Fee Waiver	Fee Waiver	Float
Net Expense	Net Expense Ratio	Float
Average Daily Trading Volume	1-month average daily trading volume	Integer
Asset Class	Which asset class it holds	Varchar
Category	Broad category description	Varchar
Focus	Specific exposure description	Varchar
Development Class	What developmental class	Varchar
Region	Regional focus	Varchar
Levered	Boolean field to indicate if it is levered	Boolean
Leverage Amount	The leverage factor of the product i.e., -1, 2, 3, -3	Varchar
Active	Boolean field to indicate if it is an "Active" per the SEC	Boolean
Administrator	Administrator	Varchar
Advisor	Advisor	Varchar
Custodian	Custodian	Varchar
Distributor	Distributor	Varchar
Portfolio Manager	Portfolio Manager	Varchar
Subadvisor	Subadvisor	Varchar
Transfer Agent	Transfer Agent	Varchar
Trustee	Trustee	Varchar
Futures Commission Merchant	Futures Commission Merchant	Varchar
Fiscal Year End	Fiscal Year End	Varchar
Distribution Frequency	Distribution Frequency	Varchar
Listing Exchange	Listing Exchange	Varchar
Creation Unit Size	Number of shares needed for a creation unit	Integer
Creation Fee	Fee for creating a unit of shares	Integer
Geographic Exposure	Geographic breakdown based on country of domicile	Varchar
Currency Exposure	Currency breakdown based on currency of underlying	Varchar
Sector Exposure	Sector breakdown	Varchar
Industry Group Exposure	Industry Group breakdown	Varchar
Options Volume	Total daily options volume (Put + Call)	Integer
Industry Exposure	Industry breakdown	Varchar
Sub-Industry Exposure	Sub-Industry breakdown	Varchar
Coupon Exposure	Coupon breakdown	Varchar
Maturity Exposure	Maturity breakdown	Varchar
Options available	Are options available on a product	Boolean
Call Options volume	Call volume	Integer
Put Options volume	Put volume	Integer
Short Interest	Number of shares sold short	Integer
Put/Call ratio	Put/Call ratio for products with options	Float
Number of Holdings	Number of Holdings	Integer
Discount/Premium	Discount/Premium	Float
Bid/Ask spread	Average intra-day bid/ask spread divided by lowest sample intra day ask	Float
Lead Market Maker	The listed LMM for the specific product	Varchar

2. ETF Daily Fund Flows

ETF Global Daily Fund Flows		Type
ETFG Date	File date	Date
As of Date	As of date	Date
Ticker	Product Ticker	Varchar
Fund Shares Outstanding	Number of shares outstanding for all products	Bigint
NAV	Net Asset Value	Float
Net Daily Flow	Daily Net Fund Flow	Float

3. ETF Constituents

ETF Constituents		Type
ETFG Date	File date	Date
As of Date	As of date	Date
Fund Ticker	Product Ticker	Varchar
Ticker	Ticker of the underlying constituent	Varchar
Name	Name the underlying constituent	Varchar
Weight	Weight of the underlying constituent	Float
Market Value	Market Value of Underlying Constituents	Float
Unique Identifier	Unique identifier for underlying constituents i.e., FIGI	Varchar
Shares Held	Number of shares of underlying constituent held by the ETP	Float
Exchange	Name of exchange on which constituent trades	Varchar
Country of Exchange	Name of Country in which Exchange is located	Varchar
Broad Asset Class	Equity, Corporate Bond, Municipal Bond, etc.	Varchar
Security Type	ETFG Taxonomy i.e., Common Equity, Domestic, Global etc.	Varchar

Users of these Datasets include:

- Investment Managers
- Investments Consultants
- Traders
- Hedge Funds
- Pension Managers
- Research Analysts
- Chief Investment Officers
- Data Strategists
- Chief Technology Officers
- Portfolio Managers
- Quantitative Analysts
- Chief Compliance Officers
- Investment Bankers
- Private Equity
- Academic Researchers
- Government Agencies
- Financial Advisors
- Compliance Managers

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Revised 1/1/23