Montréal Exchange

Canadian | Futures • Options | Data

Montréal Exchange > Market Data

The Leading Canadian Financial Futures and Options Information Provider

www.m-x.ca/mxdata

Contents

Introduction

The Montréal Exchange (MX) is Canada's sole financial derivatives exchange. It offers both individual and institutional investors – domestic and foreign – a fully automated trading environment and a market model unique in North America. The MX's trading platform provides users with a wide range of equity, index and interest rate derivative products designed to help investors protect their investments and ensure their growth.

The MX offers a complete line of integrated financial services, including market data services. Through several thousands of access points or terminals, subscribers receive market data on the Canadian financial derivatives traded on the MX. Market data is disseminated worldwide in both real and delayed time, through a network of well-known distributors.

The MX is dedicated to remaining at the cutting edge of financial information technology allowing for rapid and timely distribution of its market information.

MX Derivative Products

Over the past five years, the MX's trading activity has more than doubled. In 2004, the MX traded over 22 million contracts involving a vast array of equity, index and interest rate derivative products. The increased trading activity originating both from Canada and abroad is a direct result of the expanded access that allows brokers worldwide to access the Exchange's market.

Listed Products

Interest Rate Derivatives

> Short-Term Rates

- :: BAX: Three-Month Canadian Bankers' Acceptance Futures contract
- :: OBX: Option on Three-Month Canadian Bankers' Acceptance Futures contract
- :: ONX: 30-day Overnight Repo Rate Futures

> Long-Term Rates

- :: CGZ: Two-Year Government of Canada Bond Futures contract
- :: CGB: Ten-Year Government of Canada Bond Futures contract
- :: OBA: Government of Canada Bond Options

Equity and Index Derivatives

- :: SXF: S&P Canada 60 Index Futures contract
- :: SXA, SXB, SXH and SXY: Sectorial Index Futures contracts
- :: Equity Options
- :: SXO, WXO: S&P Canada 60 Index Options
- :: XIU, WIU: Options on iUnits™ S&P®/TSX™ 60 Index Fund
- :: XEG, XFN, XGD, XGL and XIT: Options on Barclays iUnits™ Sector Funds

As of January 2005

MX Approved Participants and Foreign Approved Participants

The MX Approved Participants have direct access to the Exchange's markets and trading environment. They also have the right to route client orders and install terminals in client offices.

Prior to 2002, only Approved Participants located in Canada had access to the MX's markets and trading environment. In 2002, however, following approval received by the MX from the U.S. Commodity Futures Trading Commission (CFTC), the MX was able to extend market access to U.S. dealers and brokers. In December 2002, the U.K. Financial Services Authority (FSA) gave effect to a similar application of the MX, allowing brokers to access the MX's trading platform and its complete line of products.

More Approved and Foreign Approved Participants are expected to join the MX in the coming year, paving the way for a dynamic, more liquid Canadian derivatives market.

Approved Participants

BMO Nesbitt Burns Inc.
BMO Nesbitt Burns Ltd.
BNP (Canada) Securities Inc.
Brockhouse & Cooper Inc.
Canaccord Capital Corporation
CBID Markets Inc.
CIBC World Markets Inc.
Credifinance Securities Limited
Credit Suisse First Boston Canada Inc.
Demers Conseil inc.
Desjardins Securities Inc.
Deutsche Bank Securities Limited
Dlouhy Merchant Group Inc.
DPM Securities Inc.
Dubeau Capital & Compagnie Ltée
Dundee Securities Corporation
E*TRADE Canada Securities Corporation
F.C.G. Securities Corporation
Fimat Canada Inc.
Friedberg Mercantile Group Ltd.
Global Securities Corporation
Golden Capital Securities Limited
Goldman Sachs Canada Inc.
Groupe Option Retraite Inc. (Le)
Hampton Securities Limited
Haywood Securities Inc.
HSBC Securities (Canada) Inc.

MX Approved Participants and Foreign Approved Participants

Industrial Alliance Securities Inc.
J.P. Morgan Securities Canada Inc.
Jitney Group Inc. (The)
Jones, Gable & Company Limited
Laurentian Bank Securities Inc.
Leduc & Associés Valeurs mobilières inc.
Loewen, Ondaatje, McCutcheon Limited
MacDougall, MacDougall & MacTier Inc.
Maison Placements Canada Inc.
Maple Futures Corp.
Merrill Lynch Canada Inc.
National Bank Discount Brokerage Inc.
National Bank Financial Inc.
Odlum Brown Limited
Orion Securities Inc.
Pacific International Securities
Penson Financial Services Canada Inc.
Pictet Canada L.P.
Polar Securities Inc.
Pollitt & Co. Inc.
Raymond James Ltd.
RBC Dominion Securities Inc.
Refco Futures (Canada) Ltd.
Research Capital Corporation
Scotia Capital Inc.
Société Générale Securities Inc.
Sprott Securities Inc.
TD Securities Inc.
UBS Securities Canada Inc.
Union Securities Ltd.
Valeurs Mobilières GMP Ltée
W.D. Latimer Co. Limited
Wolverton Securities Ltd.
Woodstone Capital Inc.

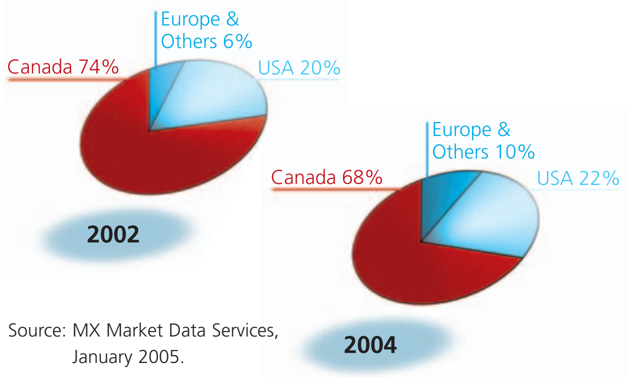
As of January 2005

Foreign Approved Participants

Barclays Capital Inc.
Calyon Financial Inc.
Credit Suisse First Boston LLC
Cube Financial Limited
Deutsche Bank Securities Inc.
Fortis Clearing Chicago LLC
International Trading Group L.L.C.
Lehman Brothers Inc.
Man Financial Limited
Mizuho Securities USA Inc.
Morgan Stanley & Co. Incorporated
Rand Financial Services Inc.
Wolverine Trading UK Limited

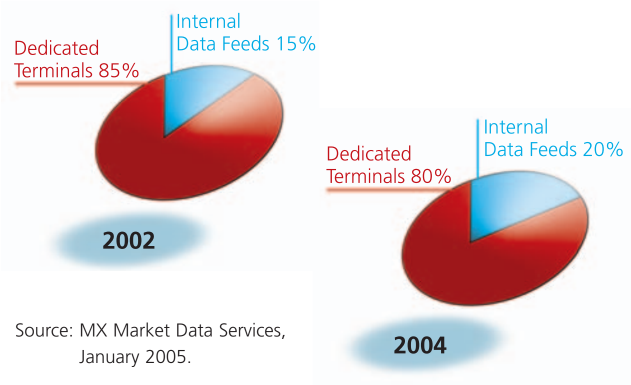
As of January 2005

Terminal Distribution by Region



Source: MX Market Data Services, January 2005.

Dedicated Terminals Vs. Internal Data Feeds



Source: MX Market Data Services, January 2005.

Since 2002, distribution of the MX data outside Canada has grown at a rapid pace. In 2004, terminal distribution in Europe and other regions represented 32% compared to 26% in 2002. Conversely, terminal distribution in Canada as a percentage of the total terminal count has declined by 6%, from 74% in 2002 to 68% in 2004. This trend is expected to continue in the coming years.

The percentage of dedicated terminals in the total terminal count reported on a monthly basis to the MX has declined steadily since 2002, from 85% in 2002 to 80% in 2004. This decrease is due to the strong demand from institutional firms wishing to have a direct access to the MX data feed, in order to perform internal data redistribution through their proprietary system. In 2004, internal data feeds represented 20% of the total terminal counts compared to 15% in 2002. This trend is expected to continue as more vendors are offering data feed solutions to their clients, and as the MX adds new hub facilities. The MX currently provides its clients with hub facilities in London, Montréal, New York and Toronto.

Real-Time Products

The MX offers two types of real-time market data information products: Level 1 and Level 2.

Level 1

Level 1 provides users with the basic market data information for derivatives including best Bid/Ask and Last Sale data.

Securities Symbol	Strike Price	Bid Size	Bid	Ask	Ask Size	Securities Status
BAXU5 (futures contract)	Options only	225	97.55	97.75	100	Y (Pre-Opening), T (Trading), etc.

Level 2

Level 2 includes Level 1 plus market depth information. It offers a complete view of the market by accessing the five (5) best Bids and Asks on any MX traded derivative products.

Securities Symbol	Strike Price	Bid Size	Bid	Ask	Ask Size	Securities Status
BAXU5 (futures contract)	Options only	225	97.55	97.75	100	Y (Pre-Opening), T (Trading), etc.

# of Buy Orders	Bid Size	Bid	Ask	Ask Size	# of Sell Orders
2	225	97.55	97.75	100	3
5	400	97.50	97.80	225	1
4	208	97.40	97.90	105	2
2	185	97.35	97.95	334	4
4	525	97.30	98.00	266	2

Source: MX Market Data Services.

General Distribution Policies and Fees

	Real-Time Monthly Fees	Policies	
Distribution		**Agreements**	**Vendor Reporting**
External	Charged to vendor CAN$1500	MX Data Distribution Agreement (Vendor Contract)	Monthly for data feed recipients and subscribers
Internal	Non-fee liable	MX Data Distribution Agreement (Vendor Contract)	Monthly for subscribers
Per Unit		**Agreements**	**Vendor Reporting**
Professional Subscribers	Charged to subscribers Level 1: CAN$29 Level 2: CAN$39	Professional Subscriber Agreement	Monthly
Non-Professional Subscribers	Charged to vendor Level 1: CAN$6 Level 2: CAN$9	Non-Professional Subscriber Agreement or Online Agreement	Monthly
Usage		**Agreements**	**Vendor Reporting**
	Charged to vendor CAN$0.01 per quote CAN$0.03 per option chain	Online Agreement	Monthly

Source: MX Market Data Services, January 2005.
Delayed data is non-fee liable.

The vendors listed below should not be considered in any way an endorsement by the MX of these firms.

Vendor Directory

ADVFN plc

Altamira Securities

Belzberg Technologies Inc.

Bloomberg L.P.

BMO Investorline Inc.

Canadian Imperial Bank of Commerce

CBID Markets Inc.

CBS MarketWatch Inc.

CCBN

CQG, Inc.

CompuGraphics Belgium

ComStock, Inc.

Desjardins Securities Inc.

Dialog Corporation (NewsEdge Corp.)

DTN

EDI Ltd.

E*Trade Canada

ESignal

Eurofinancials

Fidelity Investments

Fides Information Services

Financial Models Company Inc.

Fininfo

FRI Corporation

FT Interactive Data

FutureSource

GlobeinvestorGOLD

HSBC Securities (Canada) Inc.

Imagine Software Inc.

INFOTEC S.A.

Interactive Brokers Canada

IS.Teledata AG

Money.net, Inc.

Morningstar, Inc.

National Bank Discount Brokerage (NBDB)

Northern Financial Corp.

Onvista Media Gmbh

PC Quote Canada Inc.

Penson Financial Services Canada Inc.

Prophet Financial Systems, Inc.

QuoteMedia, Inc.

RBC Investments

RediNews, Inc.

Reuters Limited

RiskMetrics Group, Inc.

Scotiabank

Simvest Corporation

Stockgroup Media Inc.

Stockwatch

SunGard

TD Bank Financial Group

Telekurs Financial Information Ltd.

Telerate

Thomson Financial

Ticker Technologies Inc.

Townsend Analytics, Ltd.

Track Data Corp.

Vwd Vereinigte Wirtschaftsdienste Gmb

Win Financial Limited

As of January 2005

Data Feed and Connectivity

Market Data Feed:

> The MX uses the SAM-HSVF (High Speed Vendor Feed) to broadcast real-time information.

> SAM-HSVF is comprised of trades, quotes, market depth, end of day summaries and instrument information on all MX derivatives.

> The feed operates over TCP.

SAM-HSVF Messages:

> Each message type is fixed in format and messages are non-blocked. Retransmission of any data on the transmission is available on a given day. Specifications of messages are available upon request.

Bandwidth Requirements:

> From 128kbps to 1.5mbps depending on whether:

:: Market depth (Level 2) is requested

:: Type of instruments requested: Futures and futures options / equity and index options / strategies

:: Type of messages requested: All data, trades only, summaries only

Access Points:

> Connectivity - a direct connection can be made to one or more of the following MX points of presence:

:: London :: Montréal :: New York :: Toronto

Trading

Montréal Exchange

MX Market Data Services
Tour de la Bourse
P.O. Box 61 – 800, Victoria Square
Montréal, Quebec H4Z 1A9 CANADA

Telephone: (514) 871-3517

Toll free within Canada and the U.S.A.:
1-800-361-5353, extension 517

Toll free from the U.K. and France:
00.800.36.15.35.35, extension 517

Fax: (514) 871-3559

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Training

Derivatives Institute

For complete training on derivatives, visit **www.d-x.ca**

Telephone: 1-866-871-7888

Clearing

CDCC

For more information about the Canadian Derivatives Clearing Corporation, visit **www.cdcc.ca**

Telephone: 1-888-232-2457

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