

MONTRÉAL EXCHANGE

# Statistics



**Dec 2004**

| Interest Rate Derivatives

| Index Derivatives

| Equity Derivatives

	MONTHLY VOLUME			YEAR-TO-DATE VOLUME					MONTH END OPEN INTEREST					TRANSACTIONS		
	Dec 2004	Dec 2003	% CHG	Nov 2004	% CHG	2004	2003	% CHG	Total 2003	Dec 2004	Dec 2003	% CHG	Nov 2004	% CHG	Dec 2004	YTD 2004
<b>Short-Term Interest Rate Futures</b>																
BAX	727,109	478,049	52.1%	882,393	-17.6%	7,765,060	6,578,451	18.0%	6,578,451	255,289	187,905	35.9%	276,210	-7.6%	0	0
CRA	0	0		0		0	0		0	0	0	0	0		0	0
Others	8	43	-81.4%	44	-81.8%	2,093	9,809	-78.7%	9,809	59	17	247.1%	151	-60.9%	0	0
<b>Total</b>	<b>727,117</b>	<b>478,092</b>	<b>52.1%</b>	<b>882,437</b>	<b>-17.6%</b>	<b>7,767,153</b>	<b>6,588,260</b>	<b>17.9%</b>	<b>6,588,260</b>	<b>255,348</b>	<b>187,922</b>	<b>35.9%</b>	<b>276,361</b>	<b>-7.6%</b>	<b>0</b>	<b>0</b>
<b>Short-Term Interest Rate Options - OBX</b>	<b>22,979</b>	<b>15,450</b>	<b>48.7%</b>	<b>15,360</b>	<b>49.6%</b>	<b>265,937</b>	<b>341,245</b>	<b>-22.1%</b>	<b>341,245</b>	<b>31,371</b>	<b>31,572</b>	<b>-0.6%</b>	<b>39,990</b>	<b>-21.6%</b>	<b>0</b>	<b>0</b>
<b>Bond Futures</b>																
CGZ	26,695	0		24,164	10.5%	218,069	0		0	4,292	0		8,117	-47.1%	0	0
CGF	0	0		0		0	0		0	0	0		0		0	0
CGB	189,028	147,783	27.9%	515,279	-63.3%	3,005,359	2,397,119	25.4%	2,397,119	123,862	77,177	60.5%	151,912	-18.5%	0	0
LGB	0	0		0		0	0		0	0	0		0		0	0
<b>Total</b>	<b>215,723</b>	<b>147,783</b>	<b>46.0%</b>	<b>539,443</b>	<b>-60.0%</b>	<b>3,223,428</b>	<b>2,397,119</b>	<b>34.5%</b>	<b>2,397,119</b>	<b>128,154</b>	<b>77,177</b>	<b>66.1%</b>	<b>160,029</b>	<b>-19.9%</b>	<b>0</b>	<b>0</b>
<b>Bond Options - OGB</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
<b>Index Futures</b>																
SXF	302,033	327,596	-7.8%	73,943	308.5%	1,906,038	1,681,994	13.3%	1,681,994	97,725	106,641	-8.4%	104,354	-6.4%	0	0
SXM	0	0		0		0	0		0	0	0		0		0	0
SEG	0	0		0		0	0		0	0	0		0		0	0
SDV	0	0		0		0	0		0	0	0		0		0	0
SMJ	0	0		0		0	0		0	0	0		0		0	0
SCF	0	0		0		0	0		0	0	0		0		0	0
SXA	378	221	71.0%	26	1353.8%	774	1,454	-46.8%	1,454	357	104	243.3%	6	5850.0%	0	0
SXB	0	0		0		186	110	69.1%	110	0	0		0		0	0
SXH	50	1,000	-95.0%	18	177.8%	726	6,890	-89.5%	6,890	0	500	-100.0%	68	-100.0%	0	0
SXY	1,980	0		0		2,524	452	458.4%	452	1,980	0		50	3860.0%	0	0
SXK	0	0		0		0	0		0	0	0		0		0	0
SXU	0	0		0		0	0		0	0	0		0		0	0
<b>Total</b>	<b>304,441</b>	<b>328,817</b>	<b>-7.4%</b>	<b>73,987</b>	<b>311.5%</b>	<b>1,910,248</b>	<b>1,690,900</b>	<b>13.0%</b>	<b>1,690,900</b>	<b>100,062</b>	<b>107,245</b>	<b>-6.7%</b>	<b>104,478</b>	<b>-4.2%</b>	<b>0</b>	<b>0</b>
<b>Index Options</b>																
SXJ	0	0		0		0	0		0	0	0		0		0	0
SXO	2,238	2,043	9.5%	2,485	-9.9%	38,892	38,221	1.8%	38,221	2,027	1,285	57.7%	3,539	-42.7%	0	0
SXV	0	0		0		0	0		0	0	0		0		0	0
<b>Total</b>	<b>2,238</b>	<b>2,043</b>	<b>9.5%</b>	<b>2,485</b>	<b>-9.9%</b>	<b>38,892</b>	<b>38,221</b>	<b>1.8%</b>	<b>38,221</b>	<b>2,027</b>	<b>1,285</b>	<b>57.7%</b>	<b>3,539</b>	<b>-42.7%</b>	<b>0</b>	<b>0</b>
<b>Other Options</b>	<b>84,859</b>	<b>25,735</b>	<b>229.7%</b>	<b>48,336</b>	<b>75.6%</b>	<b>599,807</b>	<b>287,713</b>	<b>108.5%</b>	<b>287,713</b>	<b>240,522</b>	<b>131,443</b>	<b>83.0%</b>	<b>184,263</b>	<b>30.5%</b>	<b>0</b>	<b>0</b>
<b>ETF Futures</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
<b>ETF Options</b>	<b>47,078</b>	<b>33,872</b>	<b>39.0%</b>	<b>41,226</b>	<b>14.2%</b>	<b>297,654</b>	<b>281,934</b>	<b>5.6%</b>	<b>281,934</b>	<b>46,412</b>	<b>47,782</b>	<b>-2.9%</b>	<b>64,457</b>	<b>-28.0%</b>	<b>0</b>	<b>0</b>
<b>Share Futures</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
<b>Equity Options</b>	<b>563,559</b>	<b>502,527</b>	<b>12.1%</b>	<b>613,245</b>	<b>-8.1%</b>	<b>7,712,011</b>	<b>6,053,873</b>	<b>27.4%</b>	<b>6,053,873</b>	<b>748,315</b>	<b>687,411</b>	<b>8.9%</b>	<b>802,071</b>	<b>-6.7%</b>	<b>0</b>	<b>0</b>
<b>Currency Options - USX</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
<b>Total Futures</b>	<b>1,247,281</b>	<b>954,692</b>	<b>30.6%</b>	<b>1,495,867</b>	<b>-16.6%</b>	<b>12,900,829</b>	<b>10,676,279</b>	<b>20.8%</b>	<b>10,676,279</b>	<b>483,564</b>	<b>372,344</b>	<b>29.9%</b>	<b>540,868</b>	<b>-10.6%</b>	<b>0</b>	<b>0</b>
<b>Total Options</b>	<b>720,713</b>	<b>579,627</b>	<b>24.3%</b>	<b>720,652</b>	<b>0.0%</b>	<b>8,914,301</b>	<b>7,002,986</b>	<b>27.3%</b>	<b>7,002,986</b>	<b>1,068,647</b>	<b>899,493</b>	<b>18.8%</b>	<b>1,094,320</b>	<b>-2.3%</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>1,967,994</b>	<b>1,534,319</b>	<b>28.3%</b>	<b>2,216,519</b>	<b>-11.2%</b>	<b>21,815,130</b>	<b>17,679,265</b>	<b>23.4%</b>	<b>17,679,265</b>	<b>1,552,211</b>	<b>1,271,837</b>	<b>22.0%</b>	<b>1,635,188</b>	<b>-5.1%</b>	<b>0</b>	<b>0</b>

	AVERAGE DAILY VOLUME					YEAR-TO-DATE VOLUME			
	Dec 2004	Dec 2003	% CHG	Nov 2004	% CHG	2004	2003	% CHG	Total 2003
<b>Short-Term Interest Rate Futures</b>									
BAX	34,624	22,764	52.1%	42,019	-17.6%	30,839	26,194	17.7%	26,194
CRA	0	0		0		0	0		0
Others	0	2	-100.0%	2	-100.0%	8	39	-79.5%	39
<b>Total</b>	<b>34,624</b>	<b>22,766</b>	<b>52.1%</b>	<b>42,021</b>	<b>-17.6%</b>	<b>30,847</b>	<b>26,233</b>	<b>17.6%</b>	<b>26,233</b>
<b>Short-Term Interest Rate Options - OBX</b>	<b>1,094</b>	<b>736</b>	<b>48.6%</b>	<b>731</b>	<b>49.7%</b>	<b>1,053</b>	<b>1,367</b>	<b>-23.0%</b>	<b>1,367</b>
<b>Bond Futures</b>									
CGZ	1,271	0		1,151	10.4%	868	0		0
CGF	0	0		0		0	0		0
CGB	9,001	7,037	27.9%	24,537	-63.3%	11,997	9,639	24.5%	9,639
LGB	0	0		0		0	0		0
<b>Total</b>	<b>10,272</b>	<b>7,037</b>	<b>46.0%</b>	<b>25,688</b>	<b>-60.0%</b>	<b>12,865</b>	<b>9,639</b>	<b>33.5%</b>	<b>9,639</b>
<b>Bond Options - OGB</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
<b>Index Futures</b>									
SXF	14,383	15,600	-7.8%	3,361	327.9%	7,436	6,669	11.5%	6,669
SXM	0	0		0		0	0		0
SEG	0	0		0		0	0		0
SDV	0	0		0		0	0		0
SMJ	0	0		0		0	0		0
SCF	0	0		0		0	0		0
SXA	0	11	-100.0%	1	-100.0%	2	6	-66.7%	6
SXB	0	0		0		1	0		0
SXH	2	48	-95.8%	1	100.0%	3	27	-88.9%	27
SXY	94	0		0		10	2	400.0%	2
SXK	0	0		0		0	0		0
SXU	0	0		0		0	0		0
<b>Total</b>	<b>14,479</b>	<b>15,659</b>	<b>-7.5%</b>	<b>3,363</b>	<b>330.5%</b>	<b>7,452</b>	<b>6,704</b>	<b>11.2%</b>	<b>6,704</b>
<b>Index Options</b>									
SXJ	0	0		0		0	0		0
SXO	107	97	10.3%	113	-5.3%	154	151	2.0%	151
SXV	0	0		0		0	0		0
<b>Total</b>	<b>107</b>	<b>97</b>	<b>10.3%</b>	<b>113</b>	<b>-5.3%</b>	<b>154</b>	<b>151</b>	<b>2.0%</b>	<b>151</b>
<b>Other Options</b>	<b>4,041</b>	<b>1,225</b>	<b>229.9%</b>	<b>2,197</b>	<b>83.9%</b>	<b>2,370</b>	<b>1,134</b>	<b>109.0%</b>	<b>1,134</b>
<b>ETF Futures</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
<b>ETF Options</b>	<b>2,242</b>	<b>1,612</b>	<b>39.1%</b>	<b>1,874</b>	<b>19.6%</b>	<b>1,173</b>	<b>1,150</b>	<b>2.0%</b>	<b>1,150</b>
<b>Share Futures</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
<b>Equity Options</b>	<b>26,836</b>	<b>23,930</b>	<b>12.1%</b>	<b>27,875</b>	<b>-3.7%</b>	<b>30,535</b>	<b>22,430</b>	<b>36.1%</b>	<b>22,430</b>
<b>Currency Options - USX</b>	<b>0</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
<b>Total Futures</b>	<b>59,375</b>	<b>45,462</b>	<b>30.6%</b>	<b>71,072</b>	<b>-16.5%</b>	<b>51,164</b>	<b>42,576</b>	<b>20.2%</b>	<b>42,576</b>
<b>Total Options</b>	<b>34,320</b>	<b>27,600</b>	<b>24.3%</b>	<b>32,790</b>	<b>4.7%</b>	<b>35,285</b>	<b>26,232</b>	<b>34.5%</b>	<b>26,232</b>
<b>GRAND TOTAL</b>	<b>93,695</b>	<b>73,062</b>	<b>28.2%</b>	<b>103,862</b>	<b>-9.8%</b>	<b>86,449</b>	<b>68,808</b>	<b>25.6%</b>	<b>68,808</b>

# Listed Products

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## SHORT-TERM INTEREST RATE DERIVATIVES

**BAX** — Three-Month Canadian Bankers' Acceptance Futures

**CRA** — Three-Month CORRA Futures (CRA)

**OBX** — Options on Three-Month Canadian Bankers' Acceptance Futures

## BOND DERIVATIVES

**CGZ** — Two-Year Government of Canada Bond Futures

**CGF** — Five-Year Government of Canada Bond Futures

**CGB** — Ten-Year Government of Canada Bond Futures

**LGB** — 30-Year Government of Canada Bond Futures

**OGB** — Options on Ten-Year Government of Canada Bond Futures

## INDEX DERIVATIVES

**SXF** — S&P/TSX 60 Index Standard Futures

**SXM** — S&P/TSX 60 Index Mini Futures

**SEG** — S&P/TSX 60 ESG Index Futures

**SMJ** — S&P/IX International Cannabis Index Futures

**SCF** — S&P/TSX Composite Index Mini Futures

**SXA** — S&P/TSX Global Gold Index Futures

**SXB** — S&P/TSX Capped Financials Index Futures

**SXH** — S&P/TSX Capped Information Technology Index Futures

**SXY** — S&P/TSX Capped Energy Index Futures

**SXO** — S&P/TSX 60 Index Options (Multiplier 100)

**SXO1** — S&P/TSX 60 Index Mini Options (Multiplier 10)

**EMF** — FTSE Emerging Markets Index Futures

**SXK** — S&P/TSX Composite Index Banks (Industry Group) Futures

**SXJ** — S&P/TSX Composite Index Banks (Industry Group) Options

**SXU** — S&P/TSX Capped Utilities Index Futures

**SXV** — S&P/TSX Capped Utilities Index Options

## CURRENCY OPTIONS

**USX** — Options on the US dollar

## ETF FUTURES

## ETF OPTIONS

## EQUITY OPTIONS

## SHARE FUTURES

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