NOVEMBER 11, 2024

FOR THE WEEK ENDING NOVEMBER 8, 2024

45 **ETF Providers**

1504 **ETFs** (+18%YoY) \$554B **CAD AUM** (+43% YoY)

\$17.9 **Traded** (Last Week)

WEEKLY CREATIONS/REDEMPTIONS BY ASSET CLASSES

Equity (+C\$2.0B) and fixed income (+C\$421M) led inflows last week

	\$ Traded	Short Int	AUM	Net C/R	Ne	t C/R (% AUM)
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Equity	11,543.4	0.8%	362,148	2,013.8	0.6%	1.7%	19.8%
Fixed Income	2,906.1	0.3%	128,161	421.1	0.3%	3.0%	28.5%
Commodity	967.1	0.8%	4,387	237.0	5.6%	6.5%	41.2%
Mixed Allocation	340.0	0.1%	21,242	142.4	0.7%	2.9%	39.6%
Preferreds	87.0	1.2%	6,284	5.8	0.1%	-0.9%	-6.8%
Cryptocurrency	757.4	0.5%	7,376	0.4	0.0%	-1.3%	6.2%
Specialty/Alternative	228.2	1.6%	3,270	-8.3	-0.3%	0.3%	7.1%
Cash	1,043.3	0.3%	21,153	-14.1	-0.1%	-1.6%	-8.5%
Total	17,872.4	0.5%	554,022	2,798.0	0.5%	1.9%	20.5%

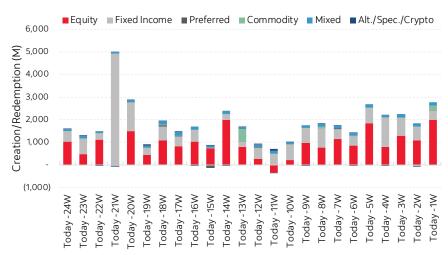
WEEKLY LARGEST CREATIONS/REDEMPTIONS

Investors added into Cdn & US equities, Gold (XIU, CGL, VFV); Universe bonds and ESG Equity were sold (ZAG, NUBF, NSGE)

Ticker	Name	Returns (1-Week)	Short Int (% of SO)	\$ Traded (CAD M)	Net C/R (CAD M)	Net C/R (% of AUM)
XIU	iShares S&P/TSX 60 Index ETF	2.3%	3.2%	1,506.9	283.1	2.0%
CGL	iShares Gold Bullion ETF	-1.9%	0.7%	256.2	233.7	22.6%
VFV	Vanguard S&P 500 Index ETF	4.4%	0.0%	656.8	203.6	1.1%
ZEB	BMO Equal Weight Banks Index ETF	2.1%	9.1%	1,329.0	159.1	4.3%
XGD	iShares S&P/TSX Global Gold Index E	-1.9%	0.7%	230.2	102.4	7.1%
XEQT	iShares Core Equity ETF Portfolio	2.6%	0.0%	155.1	81.3	1.6%
TPU	TD US Equity Index ETF	4.6%	0.0%	79.9	79.2	2.8%
ZAG	BMO Aggregate Bond Index ETF	1.0%	0.1%	289.9	-122.4	-1.2%
NUBF	NBI Unconstrained Fixed Income ETF	0.2%	0.1%	92.7	-80.1	-3.1%
NSGE	NBI Sustainable Global Equity ETF	1.5%	0.1%	75.4	-72.4	-13.1%
SITU	Scotia US Equity Index Tracker ETF	4.0%	0.0%	71.4	-63.9	-3.7%
MNY	Purpose Cash Management Fund	0.1%	0.2%	105.3	-57.6	-7.0%
HXT	Global X S&P/TSX 60 Index Corporate	2.2%	0.2%	201.7	-44.9	-1.1%
DANC	Desjardins Alt Long/Short Equity Mar	0.4%	0.0%	40.5	-42.3	-10.9%

HISTORICAL CREATIONS/REDEMPTIONS BY ASSET CLASS

Cdn ETF flows are back above \$2B! Recording largest inflows since June and 3rd largest in 2024



LAST WEEK'S MOST ACTIVE ETFS

Trade volumes decreased to \$17.9B last week, Cdn & US equities and Cdn banks led trading (XIU, ZEB, VFV)

Ticker	Name	Returns (1-Week)	Short Int (% of SO)	B/A Spread (bps)	\$ Traded (CAD M)	\$ Traded vs CR/RD
XIU	iShares S&P/TSX 60 Index ETF	2.3%	3.2%	1.3	1,506.9	5.3 x
ZEB	BMO Equal Weight Banks Index ETF	2.1%	9.1%	1.6	1,329.0	8.4 x
VFV	Vanguard S&P 500 Index ETF	4.4%	0.0%	5.3	656.8	3.2 x
ZSP	BMO S&P 500 Index ETF	4.4%	1.2%	1.9	436.3	13.2 x
CASH	Global X High Interest Savings ETF	0.1%	0.0%	1.1	369.4	32.1 x
XIC	iShares Core S&P/TSX Capped Comp	2.1%	5.3%	1.8	342.8	20.1 x
XEG	iShares S&P/TSX Capped Energy Inde	2.7%	9.9%	1.5	313.1	81.3 x
ZAG	BMO Aggregate Bond Index ETF	1.0%	0.1%	1.3	289.9	2.4 x
XSP	iShares Core S&P 500 Index ETF CAD	4.7%	0.1%	1.6	278.6	4 x
CGL	iShares Gold Bullion ETF	-1.9%	0.7%	2.2	256.2	1.1 x
HND	BetaPro Natural Gas Inverse Le	-1.7%	5.1%	51.9	230.9	94.6 x
XGD	iShares S&P/TSX Global Gold Index E	-1.9%	0.7%	2.0	230.2	2.2 x
HXT	Global X S&P/TSX 60 Index Corporate	2.2%	0.2%	2.1	201.7	4.5 x
BTCC/B	Purpose Bitcoin ETF	10.5%	1.4%	1.8	192.0	10.6 x

EQUITY FUND FLOWS

Last Week's Net Creations/Redemptions by Strategy & Sector

Investors bought materials and financials sectors, as well as Blend & Div strategies

	\$ Traded	Short Int	AUM	1-Week C/R	Ne	t C/R (% AUM)
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Blend	9,135.9	1.1%	261,736	1,850.9	0.7%	2.0%	23.6%
Dividend/Income	653.1	0.2%	24,342	108.3	0.5%	2.5%	30.6%
Value	231.2	0.3%	13,567	49.1	0.4%	0.2%	14.2%
Multi-Factor	8.3	0.0%	2,109	7.2	0.3%	-0.0%	19.0%
Growth	909.7	0.1%	45,608	61.4	0.1%	0.4%	6.6%
Low Volatility	155.3	0.0%	7,744	0.8	0.0%	0.4%	18.2%
Momentum	0.1	0.0%	83	-	-	-	32.3%
Leverage/Inverse	357.6	0.0%	843	-6.6	-0.8%	2.7%	-20.3%
ESG/SRI	98.9	0.0%	6,117	-57.2	-0.9%	-0.7%	-24.4%
Total	11,550.2	0.8%	362,148	2,013.8	0.6%	1.7%	19.8%
Preferreds	87.0	1.2%	6,284	5.8	0.1%	-0.9%	-6.8%

	\$ Traded	Short Int	AUM	1-Week C/R	Ne	t C/R (% AUM)
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Materials	389.4	0.5%	3,217	126.1	4.0%	5.7%	25.3%
Real Estate	216.0	1.0%	3,617	78.1	2.2%	8.8%	19.6%
Utilities	249.6	0.2%	5,455	75.8	1.4%	2.8%	15.6%
Financials	1,879.8	2.2%	18,191	170.4	1.0%	1.9%	-1.9%
Info Tech	211.7	0.2%	8,057	68.7	0.9%	2.3%	38.9%
Energy	489.5	3.7%	3,897	25.2	0.7%	2.4%	-1.2%
Communications	2.8	0.0%	65	-	-	1.0%	54.2%
Industrials	2.5	0.1%	216	-	-	-0.1%	31.3%
Consumer Staples	7.1	0.2%	280	-0.0	-0.0%	1.0%	-2.9%
Thematic	228.0	0.1%	13,686	-16.1	-0.1%	0.6%	-4.6%
Health Care	72.9	0.1%	3,750	-8.2	-0.2%	1.6%	11.2%
Cons. Discretionary	-	0.1%	536	-5.6	-1.1%	0.6%	16.3%
Sector Subtotal	3,749.4	1.1%	60,966	514.5	0.4%	1.0%	12.8%

Last Week's Net Creations/Redemptions by Geography

Equity investors sold out of Emerging Markets equities for a 2nd week

	\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM)			
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Year		
Canada	5,396.8	1.7%	111,155	794.9	0.7%	1.6%	10.8%	
Global/International	1,818.7	0.2%	88,517	498.3	0.6%	2.0%	25.4%	
United States	3,855.3	0.2%	139,645	655.3	0.5%	1.7%	26.5%	
DM Regional/Country	396.8	0.1%	17,878	67.5	0.4%	0.4%	8.8%	
EM Regional/Country	75.8	0.1%	4,954	-2.2	-0.0%	0.6%	19.9%	
Total	11,543.4	0.8%	362,148	2,013.8	0.6%	1.7%	19.8%	

FIXED INCOME, CURRENCIES AND COMMODITIES FUND FLOWS

Last Week's Net Creations/Redemptions by Strategy & Term/Rating

Investors bought Universe, credit, govies, and funds across maturities

	\$ Traded	Short Int	AUM	1-Week C/R	Ne	t C/R (% AUM)
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Bank Loans	13.3	0.1%	1,083	62.1	6.1%	7.9%	8.3%
Target Date	79.6	0.2%	4,096	29.4	0.7%	4.0%	120.9%
Inflation Protected	15.7	0.5%	1,012	6.3	0.6%	0.5%	-24.9%
Government	586.5	0.2%	19,754	87.5	0.5%	1.1%	6.7%
Corporate	300.8	0.5%	27,894	82.4	0.3%	0.8%	17.7%
Aggregate	2790.4	0.1%	74,175	153.4	0.2%	3.0%	24.6%
Convertible	0.7	0.0%	147	-	-	0.0%	-7.3%
FI Subtotal	3,787.0	0.3%	128,161	421.1	0.3%	3.0%	28.5%
Commodity	967.1	0.8%	4,387	237.0	5.6%	6.5%	41.2%
Cash/Currency	1043.3	0.3%	21,153	-14.1	-0.1%	-1.6%	-8.5%
FICC Total	5,797.5		153,700	644.0	0.4%		

	\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM)			
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year	
High Yield	56.8	0.1%	9,235	72.7	0.8%	1.0%	14.2%	
IG BBB or higher	1019.3	0.4%	53,286	309.2	0.6%	3.4%	36.3%	
IG A or Higher	1830.0	0.2%	65,640	39.2	0.1%	3.1%	24.9%	
FI Total	2,906.1	0.3%	128,161	421.1	0.3%	3.0%	28.5%	

	\$ Traded	Short Int	AUM 1-Week C/R	1-Week C/R	Net C/R (% AUM)			
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year	
Short-Term	423.9	0.2%	17,342	144.1	0.8%	2.3%	16.8%	
Intermediate	200.8	0.1%	18,174	82.3	0.5%	1.7%	11.5%	
Ultra Short	682.4	0.3%	11,887	45.2	0.4%	5.3%	108.0%	
Long-Term	382.9	0.2%	12,272	27.4	0.2%	0.3%	19.8%	
Mixed	1216.0	0.3%	68,486	122.1	0.2%	3.7%	29.7%	
FI Total	2,906.1	0.3%	128,161	421.1	0.3%	3.0%	28.5%	

Last Week's Net Commodity-Linked Creations/RedemptionsGold inflows clearly led commodity ETF flows last week

\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM)		
(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
378.1	1.2%	232	3.6	1.5%	10.8%	82.8%
215.8	1.3%	168	-9.7	-5.6%	-10.4%	-19.4%
593.9	1.2%	400	-6.2	-1.5%	1.5%	34.0%
312.0	0.5%	3,413	247.1	7.7%	8.3%	52.5%
60.3	0.7%	427	-4.4	-1.0%	0.5%	-2.2%
0.9	0.0%	146	0.5	0.3%	2.4%	13.3%
967.1	0.8%	4,387	237.0	5.6%	6.5%	41.2%
	(CAD M) 378.1 215.8 593.9 312.0 60.3 0.9	(CAD M) (% of SO) 378.1 1.2% 215.8 1.3% 593.9 1.2% 312.0 0.5% 60.3 0.7% 0.9 0.0%	(CAD M) (% of SO) (CAD M) 378.1 1.2% 232 215.8 1.3% 168 593.9 1.2% 400 312.0 0.5% 3,413 60.3 0.7% 427 0.9 0.0% 146	(CAD M) (% of SO) (CAD M) (CAD M) 378.1 1.2% 232 3.6 215.8 1.3% 168 -9.7 593.9 1.2% 400 -6.2 312.0 0.5% 3.413 247.1 60.3 0.7% 427 -4.4 0.9 0.0% 146 0.5	(CAD M) (% of SO) (CAD M) (CAD M) 1-Week 378.1 1.2% 232 3.6 1.5% 215.8 1.3% 168 -9.7 -5.6% 593.9 1.2% 400 -6.2 -1.5% 312.0 0.5% 3,413 247.1 7.7% 60.3 0.7% 427 -4.4 -1.0% 0.9 0.0% 146 0.5 0.3%	(CAD M) (% of SO) (CAD M) (CAD M) 1-Week 1-Month 378.1 1.2% 232 3.6 1.5% 10.8% 215.8 1.3% 168 -9.7 -5.6% -10.4% 593.9 1.2% 400 -6.2 -1.5% 1.5% 312.0 0.5% 3,413 247.1 7.7% 8.3% 60.3 0.7% 427 -4.4 -1.0% 0.5% 0.9 0.0% 146 0.5 0.3% 2.4%

CRYPTOCURRENCY FUND FLOWS

Last Week's Net Creations/Redemptions by Strategy

Despite record prices, Cdn Crypto ETFs see no traction

	\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM)			
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year	
Ether	142.0	0.5%	1,513	0.4	0.0%	-1.9%	2.1%	
Bitcoin	613.1	0.5%	5,793	0.2	0.0%	-1.2%	7.6%	
Multi-Crypto	2.2	0.1%	70	-0.2	-0.3%	-0.8%	3.0%	
Total	757.4	0.5%	7,376	0.4	0.0%	-1.3%	6.2%	

Last Week's Net Creations/Redemptions by Provider

Fidelity, CI ETFs saw the largest crypto ETF inflows (as % of AuM)

	# of Crypto	AUM	Market	Net C/R		Ne	t C/R (% AUM))
	ETFs	(CAD M)	Share	(CAD M)	1-\	Week	1-Month	1-Year
Purpose	14	3,461	46.9%	-21.4		-0.7%	-2.9%	-22.3%
CIETFs	6	2,294	31.1%	8.9		0.4%	-1.3%	13.8%
Fidelity	3	739	10.0%	12.1		1.9%	5.5%	326.1%
3iQ	2	455	6.2%	0.0		0.0%	-1.1%	48.7%
Evolve	6	413	5.6%	1.0		0.3%	-0.3%	2.8%
Global X	1	15	0.2%	-0.2		-1.1%	11.9%	30.9%
Total	32	7,376	100.0%	0.4		0.0%	-1.3%	6.2%

ESG-FOCUSED FUND FLOWS

Last Week's Net Creations/Redemptions by ESG Attribute

"Environmentally Friendly" ETFs shed significant cash last week

	\$ Traded	Short Int	AUM	1-Week C/R	Ne	t C/R (% AUM)
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Climate Change	15.4	0.2%	161	13.4	9.4%	6.9%	13.8%
Socially Responsible	16.3	0.0%	1,707	-	-	1.3%	21.1%
Broad ESG	188.1	0.0%	14,684	-13.8	-0.1%	0.3%	-1.6%
Clean Energy	3.8	0.0%	117	-0.4	-0.4%	-1.5%	7.8%
Env. Friendly	85.5	0.0%	1,513	-80.4	-5.2%	-5.0%	-8.4%
Total	309.2	0.1%	18,182	-81.2	-0.4%	0.4%	6.5%

ACTIVE STRATEGIES FUND FLOWS

Last Week's Net Creations/Redemptions by Strategy

Proprietary and smart beta 'active' strategies once again experience outflows

	\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM))
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Mixed Allocation	365.9	0.0%	20,721	134.1	0.7%	2.6%	36.6%
True Active	2,864.7	0.1%	103,831	661.5	0.7%	2.9%	32.3%
Single Stock	93.8	0.7%	536	3.0	0.6%	11.4%	251.7%
Factor/Multi-Factor	201.9	0.4%	10,579	32.7	0.3%	1.7%	43.1%
Dividend/Income	522.2	0.3%	15,380	46.3	0.3%	8.2%	44.0%
Smart Beta	2.7	0.1%	155	-0.3	-0.2%	-5.0%	-5.7%
Proprietary	49.6	0.1%	2,403	-28.7	-1.2%	-2.0%	-13.0%
Total	4,100.9	0.2%	153,605	848.6	0.6%	2.8%	27.3%

Last Week's Net Creations/Redemptions by Asset Class

Fixed income and equity saw bulk of active inflows

	\$ Traded (CAD M)	Short Int (% of SO)	AUM (CAD M)	Net C/R (CAD M)	Ne 1-Week	t C/R (% AUM)) 1-Year
Mixed Allocation	340.0	0.1%	21,227	142.4	0.7%	2.9%	39.7%
Fixed Income	1,415.1	0.2%	47,664	317.3	0.7%	5.2%	43.1%
Equity	2,012.8	0.1%	80,027	386.6	0.5%	2.2%	27.8%
Commodity	3.2	0.0%	221	0.8	0.3%	2.8%	9.6%
Specialty/Alternative	329.7	0.2%	4,467	1.4	0.0%	0.6%	16.3%
Total	4,100.9	0.1%	153,605	848.6	0.6%	2.8%	27.3%

SINGLE-STOCK FUND FLOWS

Last Week's Net Creations/Redemptions in Single Stock ETFs

AMD & Meta Single Stock ETFs launched last week – TSLA led outflows notably

	\$ Traded	Short Int	AUM	1-Week C/R	Net C/R (% AUM)		
	(CAD M)	(% of SO)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Microsoft	5.5	1.0%	29	2.0	7.7%	18.8%	N/A
Other (6)	18.5	0.9%	101	5.2	5.9%	20.5%	227.8%
NVIDIA	23.1	1.7%	118	3.5	3.3%	24.0%	N/A
Amazon	7.0	0.4%	96	-0.0	-0.0%	8.9%	118.3%
Tesla	39.7	0.0%	193	-7.6	-4.7%	-0.2%	155.2%
Total	93.8	0.8%	536	3.0	0.6%	14.4%	167.1%

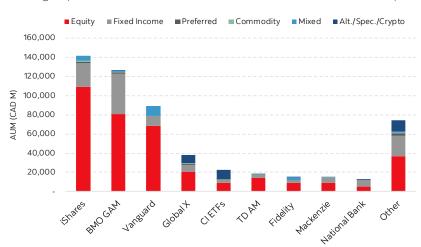
PROVIDER MARKET SHARE

45 Providers have total AuM of C\$554B (+43% YoY)

	# of	AUM	Market	Ne	t C/R (% AUM	M)	
Providers	ETFs	(CAD M)	Share	1-Week	1-Month	1-Year	
iShares	167	141,515	25.5%	0.8%	2.0%	16.4%	
BMO GAM	195	125,964	22.7%	0.2%	0.9%	14.2%	
Vanguard	38	88,940	16.1%	0.6%	2.1%	25.1%	
Global X	141	38,414	6.9%	0.3%	1.6%	19.5%	
CIETFs	132	22,721	4.1%	0.0%	2.1%	-1.2%	
TD AM	48	18,501	3.3%	1.1%	1.7%	38.4%	
Fidelity	52	15,584	2.8%	2.3%	7.5%	179.5%	
Mackenzie	53	15,286	2.8%	0.8%	1.3%	16.1%	
National Bank	16	12,529	2.3%	-1.0%	-0.9%	6.7%	
Purpose	73	11,596	2.1%	-0.1%	1.0%	0.9%	
RBC GAM	66	8,179	1.5%	1.5%	3.0%	48.0%	
Invesco	63	7,071	1.3%	1.0%	1.5%	17.5%	
1832 Asset Management	38	6,629	1.2%	-0.1%	2.7%	41.2%	
Hamilton Capital	24	6,544	1.2%	0.6%	5.3%	94.5%	
Other (31)	398	34,549	6.2%	0.3%	2.5%	28.6%	
Total	1,504	554,022	100.0%	0.5%	1.9%	20.5%	

ASSET MIX BY PROVIDER

The five largest providers now account for 75.4% of the ETF Canadian landscape



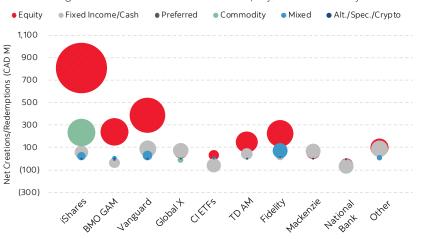
LAST WEEK'S LARGEST NET CREATIONS/REDEMPTIONS BY PROVIDER

Corton Capital and JPMorgan ETFs gathered the most assets (as % AUM) last week

	Average Fund Size	AUM	Net C/R	Net C/R (% AUM)		
Providers	(CAD M)	(CAD M)	(CAD M)	1-Week	1-Month	1-Year
Corton Capital	22.6	22.6	11.3	100.0%	653.1%	N/A
JPMorgan ETFs	24.8	49.6	7.8	19.3%	129.4%	N/A
IA Clarington	18.6	148.6	18.1	14.1%	14.5%	30.6%
Quadravest	15.8	15.8	1.0	7.3%	35.1%	N/A
Forstrong ETFs	4.5	22.7	1.1	5.0%	4.9%	-51.3%
FT Portfolio	17.8	533.8	21.4	4.3%	2.8%	14.8%
Picton Mahoney	123.1	984.6	36.0	3.8%	9.7%	34.3%
Fidelity	299.7	15,583.8	336.7	2.3%	7.5%	179.5%
Desjardins	176.7	4,241.8	-77.3	-1.8%	1.2%	110.2%
National Bank	783.0	12,528.7	-122.2	-1.0%	-0.9%	6.7%
Russell Investments	16.3	65.4	-0.5	-0.7%	3.2%	-7.0%
Arrow Capital	25.7	102.9	-0.5	-0.4%	-0.0%	72.2%
1832 Asset Management	174.5	6,629.1	-8.6	-0.1%	2.7%	41.2%
Ninepoint	84.9	934.3	-1.2	-0.1%	-0.7%	-20.1%
Purpose	158.8	11,595.7	-18.4	-0.1%	1.0%	0.9%
Evolve	77.4	4,257.1	-7.1	-0.1%	0.6%	14.3%

WEEKLY CREATIONS/REDEMPTIONS BY ASSET CLASS

iShares once again dominated creations across Equity and Commodity ETFs



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