

SCOTIABANK ALTERNATIVE MUTUAL FUND INDEX

The Scotiabank Alternative Mutual Fund Index tracks the performance of the Canadian Alternative Mutual Fund universe. Returns are calculated monthly on an equal-weighted basis. Index constituents are limited to funds that are classified as Alternative Mutual Funds, as defined in National Instrument 81-102. Given the emerging nature of liquid alternatives, there is no minimum track record, or AUM, required for inclusion in the Index at this time.

The Scotiabank Alternative Mutual Fund Index ended November, 2020 up 2.79% MOM on an Equal-Weighted basis.

Index Summary

| *Month End November 2020 | Value | Return MoM | Return YTD | Rolling 12 Mth | Sharpe Ratio^ | Correlation to S&P 500^ | Correlation to S&P/TSX 60 Composite^ |
|---|-----------|---------------|---------------|-------------------|------------------|-------------------------------|--|
| Scotiabank Alternative Mutual Fund Index Equal-Weighted | 1,081.35 | 2.79% | 2.66% | 3.60% | 0.52 | 0.89 | 0.89 |
| S&P/TSX 60 Composite | 17,190.30 | 10.33% | 0.74% | | | | |
| S&P 500 (quoted in USD) | 3,621.63 | 10.75% | 12.10% | | | | |
| S&P 500 (CAD-adjusted) | 4,701.96 | 7.99% | 12.04% | | | | |
| S&P 500 (Total Return in USD) | 7,472.06 | 10.90% | 14.03% | 17.47% | | | |
| DEX 91 Day Treasury Bill Index † | 421.07 | 0.00% | 0.88% | | | | |
| DEX Universe Bond Index ‡ | 1,211.65 | 1.03% | 8.27% | | | | |

^{*}All returns quoted in CAD except where indicated \$\precept{Formerly: Scotia Capital Universe Bond Index}\$

†Formerly: Scotia Capital 91Day Treasury Bill Index

^Values are calculated monthly

Sub-Index Performance

Alternative Equity Focused

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------|-----|-----|-----|-------|-------|-------|-------|-------|--------|--------|-------|-----|
| 2020 | - | - | - | 7.10% | 2.37% | 0.52% | 3.13% | 1.60% | -0.98% | -1.07% | 4.53% | |

Alternative Credit Focused

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------|-----|-----|-----|-------|-------|-------|-------|-------|--------|--------|-------|-----|
| 2020 | - | - | - | 2.91% | 1.57% | 1.80% | 1.72% | 0.70% | -0.43% | -0.09% | 1.89% | |

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Historical Monthly Returns

Scotiabank Alternative Mutual Fund Index - Equal-Weighted

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|------------|-------|--------|---------|--------|--------|-------|-------|-------|--------|--------|--------|-------|--------|
| 2020 | 0.49% | -2.70% | -6.61% | 4.59% | 1.76% | 0.70% | 2.49% | 0.88% | -0.68% | -0.61% | 2.79% | | 2.66% |
| S&P/TSX 60 | 1.49% | -6.09% | -17.74% | 10.48% | 2.79% | 2.12% | 4.22% | 2.13% | -2.38% | -3.35% | 10.33% | | 0.74% |
| 2019 | 1.60% | 0.69% | 0.81% | 0.82% | -1.11% | 0.72% | 0.37% | 0.13% | -0.14% | -0.14% | 1.16% | 0.33% | 5.33% |
| S&P/TSX 60 | 8.50% | 2.95% | 0.64% | 2.97% | -3.28% | 2.15% | 0.15% | 0.22% | 1.32% | -1.05% | 3.38% | 0.14% | 19.13% |

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Index Constituents

Accelerate Arbitrage Fund Forge First Conservative Alternative Fund - Series A Accelerate Enhanced Canadian Benchmark Alternative Fund Forge First Long / Short Alternative Fund - Series A Accelerate Private Equity Alpha Fund Franklin K2 Alternatives Fund Series A AGFiQ US Market Neutral Anti-Beta CAD-Hedged ETF Lawrence Park Alternative Investment Grade Credit Fund A Arrow Global Advantage Alternative Fund Class A Mackenzie Credit Absolute Return Fund Series A CC&L Alternative Canadian Equity Fund, Series A Mackenzie Global Macro Fund Series A CC&L Alternative Global Equity Fund, Series A Mackenzie Multi-Strategy Absolute Return Fund Series A Marret Alternative Absolute Return Bond Fund Class A CC&L Alternative Income Fund, Series A CI Marret Alternative Absolute Return Bond Strategy ETF Munro Alternative Global Growth Class A CI Munro Alternative Global Growth ETF **NBI Liquid Alternatives ETF** CIBC Multi-Asset Absolute Return Strategy NewGen Alternative Income Fund Class F Desjardins Alt Long/Short Equity Market Neutral ETF (DANC) Picton Mahoney Fortified Active Extension Alternative Fund A Dynamic Alpha Performance II Fund - Series A Picton Mahoney Fortified Market Neutral Alternative Fund A Dynamic Credit Absolute Return II - Series A Picton Mahoney Fortified Multi-Strategy Alternative Fund A Dynamic Liquid Alternatives Private Pool - Series A Purpose Diversified Real Asset Fund Series A CAD Dynamic Premium Yield PLUS Fund - Series A Purpose Multi Strategy Market Neutral Fund Series A CAD Dynamic Real Estate & Infrastructure Income II Fund Series A Russell Investments Yield Opportunities Pool F CAD Sunlife Opportunistic Fixed Income Private Pool Series A (FE) EHP Advantage Alternative Fund Class A EHP Advantage International Alternative Fund A Venator Alternative Income Fund Class A EHP Foundation Alternative Fund Class A Vision Alternative Income Fund Class A EHP Foundation International Alternative Fund A YTM Capital Fixed Income Alternative Fund Series A EHP Global Arbitrage Alternative Fund A EHP Select Alternative Fund Class A

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