ETP LANDSCAPE

MONTHLY SNAPSHOT | SEPTEMBER 2014

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Summary

BlackRock ETP Research

A cross-regional team analyzing global markets to deliver insights on the intersection of investment trends and ETP flows

For inquiries, please email ETPresearch@BlackRock.com

SEPTEMBER FLOWS MODERATE TO \$8.9bn ON LOWER NON-US EQUITY CONTRIBUTIONS DESPITE ATTRACTIVE VALUATIONS

- ▶ Though September flows were modest, year-to-date flows reached \$190.9bn globally and remain on track to reach the record of \$262.7bn from 2012
- ▶ Despite improving global growth and strong relative value opportunities outside the US, investors bid up less risky exposures by adding \$12.6bn to US large cap, \$3.1bn to broad developed equity and \$2.6bn to US aggregate bond funds
- ▶ Signs of increasing allocations to EM equity ETPs persisted given attractive valuations even as outflows of (\$1.5bn) broke a five-month asset gathering streak
 - Broad EM funds still drew in buy-and-hold investors but this activity was countered by late-month tactical trading redemptions, leaving flows flat
 - US-listed China funds had a second consecutive month of inflows, capturing \$0.3bn in contrast to Asia-listed China fund outflows of (\$2.0bn)
- ▶ Japanese equity shed (\$1.2bn) but remains poised to benefit from ongoing government reforms, the most attractive developed markets valuations and potential for higher equity allocations in the Government Pension Investment Fund
- ▶ The ECB announced an unexpected interest rate cut as well as credit easing measures in an attempt to boost growth and head off the threat of deflation, but pan-European ETPs remained out of favour shedding (\$1.9bn)
- ▶ Fixed income outflows of (\$2.6bn) were driven by Treasuries as the end of Fed bond purchases nears and debate over the timing of interest rate increases persists

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Global ETP Highlights

Global ETP flows^{1,2} moderated to \$8.9bn in September, historically a challenging month for stocks. Still, 2014 asset gathering of \$190.9bn through three quarters remained on track for a new annual record.

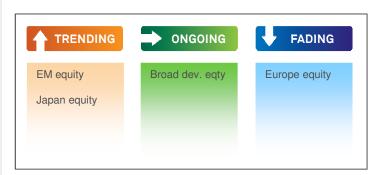
Although non-US equity ETP flows paused in September, EM equity and Japan equity remain compelling investment themes.

For EM equity, outflows of (\$1.5bn) were driven by specific country exposures and not broad EM funds, which were flat. While the MSCI EM index fell 7.6%³, evidence of longer-term buy-and-hold activity for ETPs extended into a sixth straight month though it was masked by offsetting tactical redemptions.

China in particular drove the country outflows, though most came from Asia-listed funds while US-listed funds experienced a second straight month of inflows. China remains attractively valued as the market appears overly concerned about a slowing economy. GDP growth of 7.5% is still within reach, the HSBC Flash PMI reading was again expansionary in September at 50.24 and the government is committed to stimulus should conditions deteriorate. Bright spots for country flows included Brazil with \$0.8bn on hopes for a pro-market election outcome. India inflows continued and have reached \$2.1bn year-to-date on confidence in newly elected leadership.

Japan outflows reached (\$1.2bn) as the market awaits Q3 growth results for signs of improvement. However, stocks continued to rally with the TOPIX up nearly 4%⁵ and the investment outlook for Japan remains positive (see below).

KEY INVESTMENT THEMES / ETP FLOW TRENDS



GLOBAL EQUITY ETP CUMULATIVE FLOWS¹

2014 YTD Flows: \$136.5bn

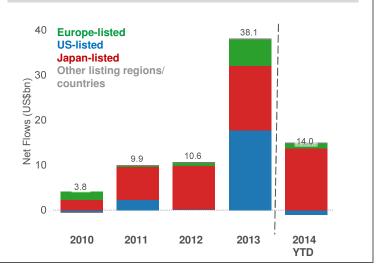


SPOTLIGHT ON JAPAN EQUITY

Japanese equity ETP flows accelerated last year, particularly for US-listed funds, after the rollout of unprecedented government stimulus plans and monetary easing. The strong asset gathering continued into Q1 2014. However, flows subsequently slowed in Q2 and Q3 as investors awaited further signs of improvement in economic growth in the wake of the recent sales tax increase. Despite this, the outlook for Japanese stocks is favorable due to a number of factors:

- Valuation even with last year's strong equity performance and a recent rally that began in May, the market's price-to-book ratio is still near all-time lows
- Monetary policy Japan is still easing while the US considers the timing of tightening and this contrast has weakened the Yen, which should aid corporate earnings
- 3) Increased equity allocations for pension funds the Government Investment Pension Fund, already the largest holder of Japanese stocks, is considering a more pronounced strategic shift toward equities as it pares its bond holdings

Japanese equity ETP flows are on track to reach \$20bn this year. While substantial, this would be just half the total reached in 2013 even though stocks remain attractively valued on a historical and relative basis.



Global ETP Highlights (cont'd)

Broad-based developed markets equity remains the fastest growing non-US category accumulating \$3.1bn. It was the 14th consecutive month with inflows of at least \$2.0bn.

The outlook for Europe did not improve despite the ECB announcing an interest rate cut and measures to boost credit. Pan-European and German equity funds shed (\$1.9bn) and (\$3.6bn), respectively. Further ECB measures, including potential quantitative easing, may be forthcoming if growth and deflation concerns intensify in the region.

US large cap equity flows picked up significantly, accounting for the bulk of US equity asset gathering of \$17.3bn. The outlook for growth showed steady improvement. Stocks finished the month near all time highs and Q2 GDP was revised upward to 4.6% annualized growth⁶. Heading forward into the fourth quarter, however, market volatility is expected to increase with Fed bond purchases ending and heightened scrutiny over the timing of interest rate increases in 2015.

These concerns around the end of easing and interest rate policy also drove fixed income outflows of (\$2.6bn). Heavy Treasury redemptions were partially offset by ongoing inflows into US aggregate bond funds. Though Treasury rates moved higher to start the month, the FOMC retained an accommodative stance at its September meeting, bringing renewed downward pressure.

SEPTEMBER RESULTS AT A GLANCE¹

(US \$billions)

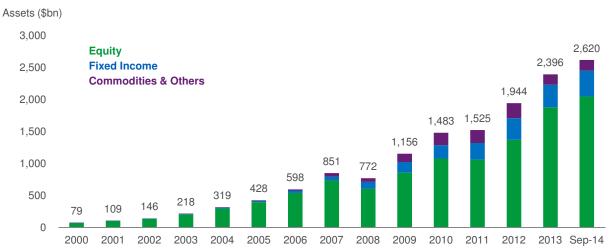
| | Sep 2014 | December 2013 | Sep 2013 |
|---------------|-------------|------------------|-------------|
| Monthly Flows | 8.9 | 24.6 | 34.5 |
| Assets | 2,620 | 2,396 | 2,227 |
| # of ETPs | 5,303 | 5,024 | 4,946 |

GLOBAL 13-MONTH ROLLING FLOWS¹

2014 YTD Flows: \$190.9bn vs. 2013 Flows: \$236.1bn



GLOBAL ETP ASSETS BY YEAR¹



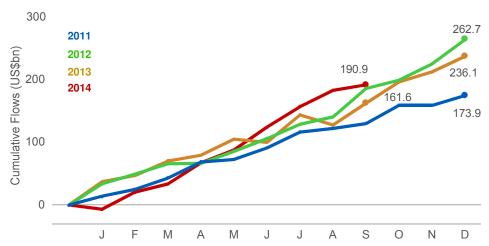
Year-to-date Overview

GLOBAL ETP 2014 YTD FLOWS BY EXPOSURE¹

| (US\$bn) | | YTD 2014 | YTD 2013 | Annual 2013 |
|-------------------|----------------------------|----------|----------|----------------|
| Equity | Developed Markets | 126.5 | 172.9 | 258.4 |
| | Emerging Markets | 10.0 | (7.4) | (10.3) |
| | Total | 136.5 | 165.5 | 248.1 |
| Fixed Income | Government | 13.0 | 10.2 | 7.5 |
| | High Yield Corporate | 1.0 | 2.7 | 6.6 |
| | Investment Grade Corporate | 13.5 | 1.8 | 1.0 |
| | Others | 25.8 | 10.7 | 12.0 |
| | Total | 53.2 | 25.4 | 27.1 |
| Commodities & Otl | hers Total | 1.2 | (29.4) | (39.1) |
| Grand Total | | 190.9 | 161.6 | 236.1 |

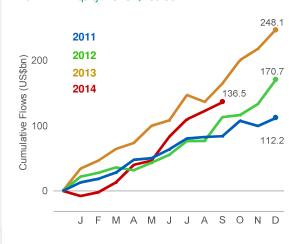
GLOBAL ETP CUMULATIVE FLOWS¹

2014 YTD Flows \$190.9bn vs. 2013 Flows: \$236.1bn



CUMULATIVE EQUITY ETP FLOWS¹

2014 YTD Equity Flows: \$136.5bn



CUMULATIVE FIXED INCOME ETP FLOWS¹

2014 YTD Fixed Income Flows: \$53.2bn

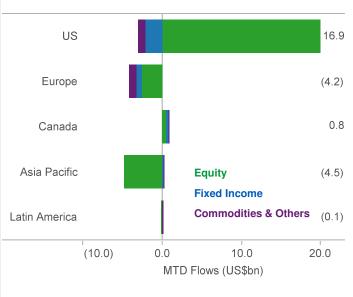


Flows By Listing Region

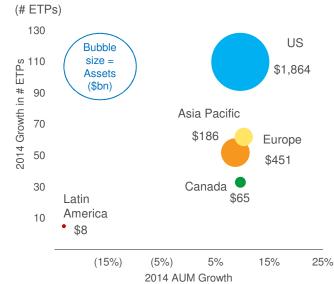
Highlights (US\$):1

- ▶ Europe-listed ETPs surrendered (\$4.2bn) in September, breaking a 14-month inflow streak. Year-to-date, Europe listed ETPs have gathered \$46.8bn, more than doubling total 2013 regional inflows of \$19.4bn
- Canada flows gathered momentum in Q3 and now total \$5.7bn year-to-date
- Year-to-date, US listed ETPs contributed \$124.2bn, or 65%, of all global ETP inflows
- ➤ Year-to-date, Asia Pacific listed ETPs have gathered \$16.8bn, or 9% of global ETP inflows

SEPTEMBER FLOWS BY LISTING REGION¹



ASSET GROWTH RATES AND # OF ETPs1



LISTING REGION VIEW¹

| | Net Flows (\$bn) | | | % Asset | |
|------------------------|------------------|---------------|---------------------------|-----------------|-----------------------|
| By Listing Region | Sep 2014 | YTD 2014 | Sep 2014 Assets (\$bn) | Market Share | Number of Products |
| US | 16.9 | 124.2 | 1,864.3 | 71.1 | 1,646 |
| Europe | (4.2) | 46.8 | 450.8 | 17.2 | 2,219 |
| Canada | 0.8 | 5.7 | 65.3 | 2.5 | 324 |
| Latin America | (0.1) | (2.7) | 8.5 | 0.3 | 43 |
| Asia Pacific | (4.5) | 16.8 | 186.0 | 7.1 | 694 |
| Middle East and Africa | Not Available | Not Available | 45.4 | 1.7 | 377 |
| Global ETP Total | 8.9 | 190.9 | 2,620.4 | 100.0 | 5,303 |

Fund Inflows and Outflows

| ETPs as of September 2014 (US\$bn) ¹ | Bloomberg Ticker | 2014 YTD Inflows | Sep-14 Assets |
|-------------------------------------------------|------------------|---------------------|------------------|
| Vanguard S&P 500 | VOO US | 5.7 | 21.8 |
| Vanguard FTSE Developed Markets ETF | VEA US | 5.1 | 23.1 |
| Vanguard Total Bond Market | BND US | 4.3 | 22.4 |
| Vanguard Total Stock Market | VTI US | 4.3 | 45.7 |
| Vanguard S&P 500 UCITS ETF | VUSA LN | 4.2 | 7.1 |
| iShares Core S&P 500 | IVV US | 3.9 | 61.1 |
| Vanguard REIT | VNQ US | 3.6 | 23.0 |
| iShares Core U.S. Aggregate Bond ETF | AGG US | 3.5 | 19.2 |
| iShares Core S&P 500 UCITS ETF | CSSPX SW | 3.5 | 6.7 |
| iShares MSCI EAFE | EFA US | 3.0 | 53.6 |
| Grand Total | | 41.2 | 283.7 |

| ETPs as of September 2014 (US\$bn)¹ | Bloomberg Ticker | 2014 YTD Outflows | Sep-14 Assets |
|--------------------------------------------|------------------|----------------------|------------------|
| PowerShares QQQ | QQQ US | (7.6) | 42.6 |
| iShares Russell 2000 | IWM US | (3.9) | 22.4 |
| iShares Core DAX® UCITS ETF (DE) | DAXEX GY | (3.5) | 17.7 |
| SPDR S&P 500 | SPY US | (3.5) | 180.4 |
| Market Vectors Agribusiness | MOO US | (3.0) | 1.6 |
| iShares NAFTRAC | NAFTRAC MM | (2.7) | 4.3 |
| iShares iBoxx \$ High Yield Corporate Bond | HYG US | (2.4) | 12.5 |
| iShares S&P 500 UCITS ETF (Inc) | IUSA LN | (2.2) | 12.4 |
| WisdomTree Japan Hedged Equity Fund | DXJ US | (2.0) | 10.9 |
| iShares EURO STOXX 50 UCITS ETF (Inc) | EUN2 GY | (1.8) | 6.4 |
| Grand Total | | (32.6) | 311.1 |

Equity ETP Flows by Exposure

| | - | | Sep 2014 | YTD 2014 | Assets | " ETD |
|--------|---------------------------------------------------------|--------------------------------------------------|--------------|--------------|--------------|-----------|
| | Exposures | | Flows (\$bn) | Flows (\$bn) | (\$bn) | # ETPs |
| | | Large cap | 12.6 | 24.1 | 540.4 | 244 |
| | | Mid cap | 2.3 | 3.2 | 90.3 | 50 |
| | | Small cap/Micro cap Total market/Extended Market | (0.7) | (3.6) | 82.4 | 78 |
| | | Preferred stock | 1.2 | 9.7 | 83.3 | 72 |
| | | US size & style total | (0.0) | 1.6 | 14.5 | 5 |
| | | Basic Materials | 15.4 | 35.0 1.1 | 810.9 9.0 | 449 15 |
| | | Consumer Cyclicals | (0.3) | (1.6) | 14.2 | 19 |
| | | Consumer Non-cyclicals | 0.9 | 1.4 | 12.1 | 13 |
| | | Energy | (1.1) | 6.5 | 42.2 | 47 |
| | US | Financials | 0.7 | 1.0 | 34.6 | 41 |
| | | Health Care | 0.7 | 4.7 | 34.9 | 32 |
| | | Industrials | 0.6 | 0.9 | 16.6 | 20 |
| | | Real Estate | (0.4) | 5.1 | 36.0 | 24 |
| | | Technology | 0.2 | 1.9 | 30.4 | 30 |
| | | Telecommunications | 0.0 | 0.4 | 1.4 | 6 |
| | | Utilities | (0.8) | 0.9 | 8.3 | 13 |
| | | Others | (0.0) | 0.3 | 2.0 | 8 |
| | | US sector total | 0.9 | 22.6 | 241.9 | 268 |
| | | US high dividend / other strategy | 1.0 | 6.6 | 81.1 | 79 |
| | | US total | 17.3 | 64.3 | 1,133.9 | 796 |
| | Canada | | 0.3 | 1.3 | 34.9 | 97 |
| | North America reg | | 0.2 | 0.8 | 9.4 | 23 |
| | | Large Cap | (2.4) | (0.9) | 41.9 | 83 |
| Equity | | Mid/Small Cap | (0.4) | 0.1 | 4.2 | 26 |
| 긎 | | Total Market | 8.0 | 10.2 | 55.0 | 83 |
| ШШ | | Pan European size & style total | (2.0) | 9.3 | 101.0 | 190 |
| | | Pan European sector | 0.2 | 1.8 | 15.2 | 142 |
| | Europe | Pan European high div / other strat. | (0.0) | 0.6 | 4.1 | 24 |
| | Europe | Pan European total | (1.9) | 11.7 | 120.3 | 358 |
| | | Germany | (3.6) | (4.4) | 33.3 | 73 |
| | | U.K. | 0.2 | 1.5 | 22.2 | 63 |
| | | Other European countries | (0.0) | 0.0 | 0.0 | 136 |
| | | Europe single country total | (3.8) | 1.4 | 86.9 | 272 |
| | | Europe total | (5.6) | 13.1 | 207.2 | 630 |
| | | Japan | (1.2) | 14.0 | 130.7 | 178 |
| | Asia-Pacific | Other Asia-Pacific | 0.0 | 0.0 | 0.0 | 161 |
| | | Asia-Pacific total | (0.6) | 16.4 | 172.4 | 339 |
| | Broad developed markets (including Global/Global ex-US) | | 3.1 | 30.6 | 226.9 | 485 |
| | Developed markets total | | 14.8 | 126.5 | 1,784.8 | 2,370 |
| | | Broad emerging markets | (0.0) | 5.0 | 127.1 | 123 |
| | | Regional emerging markets | 0.3 | 0.9 | 7.7 | 72 |
| | | China | (1.6) | 3.6 | 63.1 | 226 |
| | | South Korea | 0.2 | (1.2) | 18.8 | 114 |
| | Emerging markets | Mexico | (0.3) | (2.3) | 8.8 | 23 |
| | 3 3 | India | 0.1 | 2.1 | 9.3 | 55 |
| | | Other EM Countries | (0.0) | 0.0 | 0.0 | 219 |
| | | EM single country total | (1.8) | 4.1 | 129.9 | 637 |
| | | Emerging markets total | (1.5) | 10.0 | 264.7 | 832 |
| | Equity total | | 13.3 | 136.5 | 2,049.6 | 3,202 |
| | • | | .0.0 | | _, | -, |

Fixed Income & Other ETP Flows by Exposure

| | _ | | Sep 2014 | YTD 2014 | Assets | |
|--------------|--------------------|-----------------------|--------------|--------------|---------|--------|
| | Exposures | | Flows (\$bn) | Flows (\$bn) | (\$bn) | # ETPs |
| | | Investment grade | 0.4 | 13.5 | 91.5 | 148 |
| | Corporate | High yield | (0.6) | 1.0 | 44.0 | 58 |
| | | Corporate total | (0.0) | 0.0 | 0.1 | 206 |
| | | US Treasury | (4.1) | 7.1 | 40.1 | 80 |
| Je | Government | Sovereign | (1.3) | 5.9 | 45.3 | 262 |
| Fixed Income | | Government total | (5.4) | 13.0 | 85.4 | 342 |
| ğ | Broad / aggregate | | 2.6 | 10.1 | 54.4 | 40 |
| <u> </u> | Govt / corporate | | 0.5 | 4.0 | 36.4 | 31 |
| b | Inflation | | (0.7) | 8.0 | 25.9 | 39 |
| × | Emerging markets | | 0.0 | 4.9 | 24.1 | 76 |
| I II | Municipal | | 0.4 | 2.0 | 14.0 | 37 |
| | Mortgage | | 0.5 | 1.5 | 8.7 | 8 |
| | Money market | | (0.1) | 0.5 | 5.0 | 19 |
| | Other Fixed Income | | (0.1) | 2.0 | 14.9 | 37 |
| | Fixed income total | | (2.6) | 53.2 | 404.5 | 835 |
| | Precious Metals | Gold | (1.5) | (2.0) | 65.8 | 127 |
| S | | Silver | 0.3 | 0.7 | 10.4 | 70 |
| l≝ | | Other | (0.1) | (0.3) | 7.9 | 83 |
| p | | Precious metals total | (1.4) | (1.6) | 84.1 | 280 |
| Commodities | Broad market | | (0.3) | 0.6 | 16.6 | 110 |
| ΙĒ | Energy | | (0.1) | (0.0) | 7.0 | 205 |
| Ö | Agriculture | | 0.0 | (0.3) | 4.5 | 189 |
| O | Industrial metals | | (0.2) | 0.3 | 2.1 | 126 |
| | Commodities total | | (1.8) | (1.0) | 114.3 | 910 |
| Other | Alternatives | Volatility | 0.1 | 1.2 | 3.7 | 47 |
| | | Other | 0.0 | 0.3 | 3.0 | 65 |
| | Alternatives total | | 0.2 | 1.6 | 6.7 | 112 |
| | Asset allocation | | 0.0 | 1.7 | 6.2 | 83 |
| | Currency | | (0.1) | (1.1) | 4.1 | 161 |
| | Israel ETP | | 0.0 | 0.0 | 35.0 | 0 |
| Glob | al ETP total | | 8.9 | 190.9 | 2,620.4 | 5,303 |
| | | | | | | |

Endnotes

The ETP (or exchange traded product) category encompasses any portfolio exposure security that trades intra-day on an exchange. The data for this report are captured from a number of sources by BlackRock including provider websites, fund prospectuses, provider press releases, provider surveys, Bloomberg, the National Stock Exchange, Strategic Insight Simfund, Wind, and the Bank of Israel. All amounts are reported in US dollars. Flows are derived using daily net asset values and shares outstanding using the most recent data we can capture at month-end. For products with cross-listings, we attribute net flows and assets to the primary listings. For Middle East and Africa, net flows data is not available. Assets are derived using shares outstanding and prices at the end of each month (or the closest date available). Where price is not available, we use an approximation. For ETPs listed in Israel, product level detail is not available. Product level information is aggregated by provider, asset class, exposure, region listed and replication method to produce the various analyses in the report.

- 1. Data is as of September 29, 2014 for Europe and September 30, 2014 for the US, Canada, Latin America, Israel, and some Asia ETPs. Some Asia ETP data is as of August 30, 2014. Global ETP flows and assets are sourced using shares outstanding and net asset values from Bloomberg for the US, Canada, Europe, Latin America and some ETPs in Asia. Middle East ETP assets are sourced from the Bank of Israel. ETP flows and assets in China are sourced from Wind. Inflows for years prior to 2010 are sourced from Strategic Insights Simfund. Asset classifications are assigned by the BlackRock based on product definitions from provider websites and product prospectuses. Other static product information is obtained from provider websites, product prospectuses, provider press releases, and provider surveys. Market returns are sourced from Bloomberg.
- 2. We classify maturity buckets of a Fixed Income ETP if the fund invests at least 70% of its assets in the corresponding maturity/exposure range: Short maturity includes: underlying security maturities < 3 years and floating rate where the fund holds floating rate securities and/or bank loans. Intermediate includes: 3 years < underlying security maturities > 10 years. The "other" category includes Long-Term: underlying security maturities > 10 years; Broad Maturities: The fund invests in more than two maturity buckets without emphasizing one; Selected Maturities: The fund holds securities with multiple selected range of maturity buckets, i.e. barbell strategy which focuses on the specific short-term and long-term buckets with even weights; and Fixed Maturity: The fund itself has a target maturity date and arranged holdings correspondingly.
- 3. Source: MSCI EM Index, in USD
- 4. Source: HSBC
- Source: Tokyo Stock Exchange
 US Bureau of Economic Analysis

Index returns are for illustrative purposes only. Index performance returns do not reflect any management fees, transaction costs or expenses. Indexes are unmanaged and one cannot invest directly in an index. Past performance does not guarantee future results.

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