

# Morningstar Direct<sup>SM</sup> U.S. Asset Flows Update

## Morningstar Manager Research 16 September 2015

Data through Aug. 31, 2015  
U.S. Mutual Funds and Exchange-  
Traded Products

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## Flight to Safety After Markets Collapse? Not so Much

Both U.S. and international markets were down this month. The Chinese government devalued its currency, a sign that China's economy is not as strong as previously hoped—a catalyst in an already troubled environment of high valuations, a six-year bull market run, and the potential for rising interest rates in the United States. When stock markets take a dive, investors tend to gravitate toward less risky investments—namely, fixed income. However, this is not what happened in August.

Taxable-bond funds sustained their largest outflow since August 2013 amid growing uncertainty whether the Federal Reserve will raise interest rates at its Sept. 16–17 meeting. Estimated net outflows from active taxable-bond funds amounted to \$19.5 billion in August, with a minuscule inflow for passive taxable-bond funds.

Estimated Net Flows*	Active			Passive		
	August 2015	1 Year	Assets \$Bil	August 2015	1 Year	Assets \$Bil
U.S. Equity	(14,012)	(152,437)	3,557	9,598	145,002	2,312
Sector Equity	(600)	18,376	385	(5,952)	34,969	343
International Equity	(2,140)	41,414	1,503	7,136	168,530	799
Allocation	(6,226)	7,707	1,113	72	2,736	49
Taxable Bond	(19,511)	(70,776)	2,272	518	107,144	725
Municipal Bond	(1,852)	18,678	570	200	4,404	20
Alternative	1,504	4,979	158	1,736	5,183	51
Commodities	(79)	(1,554)	26	812	(496)	53
<b>All Long Term</b>	<b>(42,916)</b>	<b>(133,613)</b>	<b>9,583</b>	<b>14,120</b>	<b>467,471</b>	<b>4,352</b>
Money Market	17,746	99,791	2,621			

\*Includes liquidated and merged funds.

Source: Morningstar Direct Asset Flows.

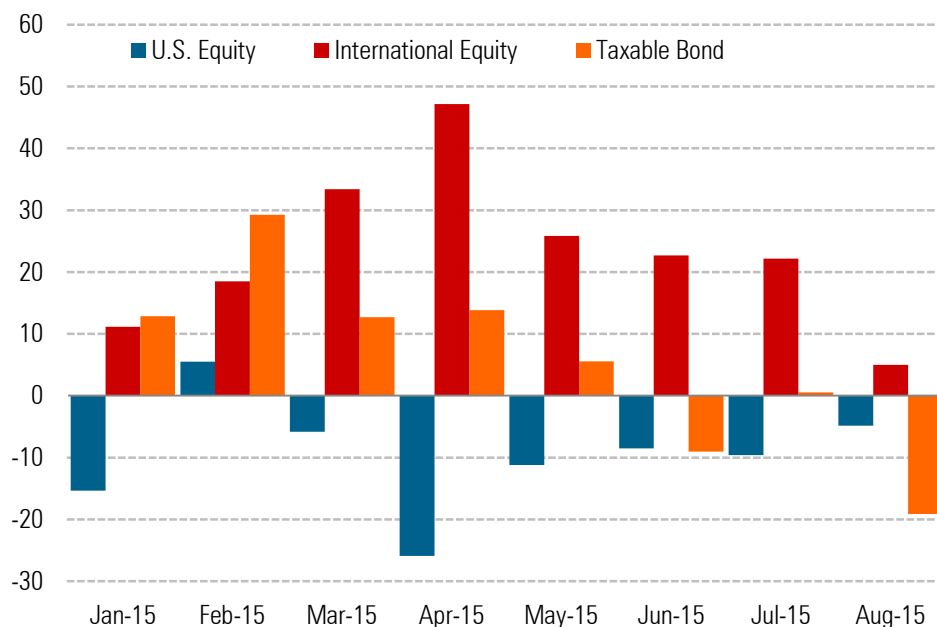
Note: Estimated net flow data from December 2013 through July 2015 has been adjusted to include transfers from open-end mutual funds to collective investment trusts (CITs) that have been occurring at Fidelity Investments. These adjustments have resulted in changes for the U.S. equity and international-equity category groups. No conversions took place in August 2015.

Among active funds, the alternative category group was the only one with a positive flow. Investors withdrew money from all other long-term category groups. On the contrary, all category groups except sector equity received inflows on the passive side.

Overall, U.S. equity flows remained negative, and international-equity flows remained positive, but both decreased in magnitude compared with previous months. The S&P 500 ended a volatile August with a negative 6.0% return. However, recent economic data showed some signs of strength for the United States, one of the probable reasons behind the less dramatic U.S. equity outflows.

On the other hand, a lot of European economic data was weaker than expected, and Europe is also China’s largest trading partner. The MSCI EAFE Index lost 7.4% in August. Recent events were bound to shake investors’ confidence in Europe’s robust growth potential, and this was reflected in significantly smaller flows for international-equity funds last month.

**Exhibit 1.** Monthly Flows (\$ Billion)



Source: Morningstar Direct Asset Flows.

### Market Timing: Flows and Returns

Investors have always been trying to learn how to time the market, but how often have they been successful? The following table displays annual flows into U.S. equity and international-equity funds side by side with returns for those markets the following year. During the financial crisis, investors took money out of U.S. equity funds for five years in a row, missing double-digit returns in four of those years. In 2007, \$177.7 billion went into international-equity funds, only to face a disastrous negative 43.4% return in 2008. For the past two years, we've also seen significant flows for international-equity funds, and not-so-great returns so far.

	U.S. Equity		International Equity	
	Flows (\$ billion)	Return of S&P 500 the following year (%)	Flows (\$ billion)	Return of MSCI EAFE the following year (%)
1999	150.8	-9.1	10.4	-14.2
2000	213.0	-11.9	43.0	-21.4
2001	96.0	-22.1	-15.2	-15.9
2002	39.3	28.7	2.8	38.6
2003	116.7	10.9	33.7	20.2
2004	117.6	4.9	84.8	13.5
2005	38.7	15.8	142.5	26.3
2006	18.0	5.5	172.7	11.2
2007	22.9	-37.0	177.7	-43.4
2008	-23.5	26.5	-50.9	31.8
2009	-52.3	15.1	59.3	7.8
2010	-41.0	2.1	87.4	-12.1
2011	-53.1	16.0	16.2	17.3
2012	-57.4	32.4	55.8	22.8
2013	149.9	13.7	201.5	-4.9
2014	82.0	-2.9*	143.6	-0.2*

\*2015 through Aug. 31.

Source: Morningstar Direct.

### Foreign Large Blend and Large Blend Lead Category Flows

Foreign large blend was the leading Morningstar Category once again in August, although with slightly smaller flows than in previous months. In a reversal from July, however, the large-blend category moved from the bottom-flowing list to second place on the top-flowing list. With outflows from active funds and inflows into passive ones, the data indicate that, while investors seem to be regaining some confidence in the U.S. market, passive funds are reaping most of the benefits.

Despite outflows from taxable-bond funds overall, short- and long-government bond funds were among the top-flowing categories as some investors sought safety. Intermediate-term and high-yield bond funds both landed on the bottom-flowing list in August, as investors looked to reduce exposure to funds with credit risk.

Emerging markets fell sharply in the aftermath of China's currency devaluation, prompting heavy outflows from diversified emerging markets and Pacific/Asia ex-Japan funds.

### Top- and Bottom-Flowing Morningstar Categories

Estimated Net Flows* \$Mil	Active			Passive		
	August 2015	1 Year	Assets \$Bil	August 2015	1 Year	Assets \$Bil
<b>Leading</b>						
Foreign Large Blend	1,509	26,329	373	11,406	117,993	399
Large Blend	(2,459)	(29,056)	688	8,885	76,297	1,460
Europe Stock	939	2,006	16	1,646	26,258	65
Short Government	509	1,416	30	2,043	4,935	29
Long Government	152	(3,280)	6	1,598	2,735	19
<b>Lagging</b>						
Intermediate-Term Bond	(4,096)	4,959	758	(1,335)	46,016	347
Diversified Emerging Markets	(1,587)	9,696	209	(3,032)	(6,618)	137
High-Yield Bond	(2,975)	(16,475)	264	(1,070)	2,991	33
Large Value	(4,109)	(28,495)	789	138	15,302	177
Pacific/Asia ex-Japan	(2,755)	(713)	18	(823)	(88)	6

\*Excludes money market and funds of funds.

Source: Morningstar Direct Asset Flows.

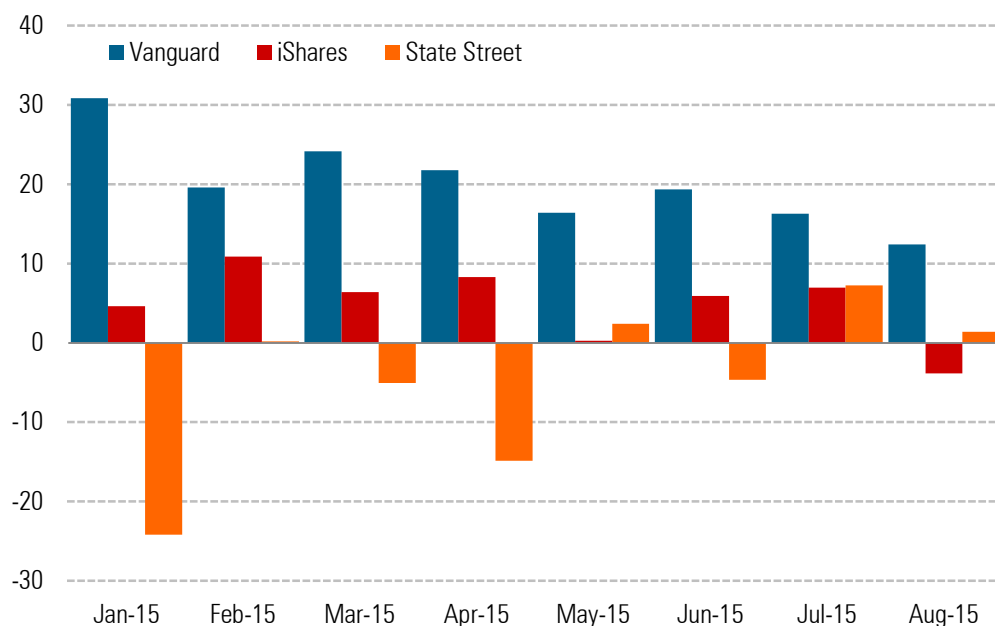
### Top 10 U.S. Fund Families

Estimated Net Flows \$Mil	Active			Passive		
	August 2015	1 Year	Assets \$Bil	August 2015	1 Year	Assets \$Bil
Vanguard	(843)	11,607	769	12,410	244,646	2,021
Fidelity Investments	(2,957)	(8,819)	1,051	1,587	23,145	191
American Funds	(954)	10,073	1,156			
BlackRock/iShares	(739)	16,540	215	(3,659)	84,978	770
T. Rowe Price	(724)	2,711	435	248	951	27
Franklin Templeton Investments	(5,443)	(15,669)	415			
SPDR State Street Global Advisors	167	1,146	2	1,407	7,565	394
PIMCO	(4,135)	(178,566)	320	(440)	(3,410)	7
J.P. Morgan	466	19,217	263	(32)	(166)	6
Dimensional Fund Advisors				869	24,382	257

Source: Morningstar Direct Asset Flows.

All of the top-10 fund families experienced redemptions on the active side in August except State Street and J.P. Morgan. Vanguard continued to dominate inflows on the passive side as its main competitor, iShares, sustained its first outflow this year, driven mostly by its emerging-markets index fund.

**Exhibit 2.** Monthly Flows, Passively Managed Funds (\$ Billion)



Source: Morningstar Direct Asset Flows.

Fidelity Investments has been transferring assets from mutual funds to collective investment trusts (CITs) since December 2013. CITs are pooled investment vehicles maintained exclusively for qualified plans (including 401(k)s), as well as for certain types of government plans. They are increasingly used in defined-benefit (pension) plans and defined-contribution (401(k)) plans. CITs are only managed for those specific plans that they are created for and are not available to the general public. Cost is the primary driver for switching from mutual funds to CITs, since the latter tend to be less expensive for investors, thanks to lower marketing, overhead, and compliance-related costs.

Based on data received from Fidelity detailing these conversions, Morningstar adjusted asset flows data for eight Fidelity funds going back to December 2013, to reflect that these transfers represented a movement of assets within the firm and not actually outflows. For example, Fidelity's trailing one-year flows on the active side, adjusted for conversions, were negative \$8.8 billion. Unadjusted, they would have amounted to negative \$21.1 billion.

### Investors Flee Some Bond Funds, Reallocate to Others

For the first time since Bill Gross' departure from PIMCO a year ago, PIMCO Total Return PTTRX is not leading the bottom-flowing list. It was replaced in August by GMO Asset Allocation Bond GABFX, a multisector bond fund whose returns have been dropping since March. However, it should be noted that GMO Asset Allocation Bond is only used by GMO funds-of-funds, so the outflow occurred as a result of the company reallocating assets among its funds, as opposed to outside investor withdrawals.

Despite stellar long-term performance, Gold-rated Templeton Global Bond TPINX also started lagging recently and ended up on the bottom-flowing list as well.

The general exit movement from emerging markets was felt by Vanguard and iShares on the passive side and by Oppenheimer on the active side, as shown by their emerging-markets funds' heavy redemptions.

### Bottom-Flowing Active and Passive Funds

<b>Estimated Net Flows</b> \$Mil	<b>August 2015</b>	<b>1 Year</b>	<b>Assets August 2015</b> \$Mil	<b>Assets August 2014</b> \$Mil
<b>Active Funds</b>				
GMO Asset Allocation Bond	(2,018)	(1,902)	2,521	4,491
PIMCO Total Return	(2,015)	(124,484)	98,101	221,611
Templeton Global Bond	(1,922)	(6,013)	61,026	73,128
Franklin Income	(1,473)	(3,035)	82,846	97,020
Oppenheimer Developing Markets	(1,059)	(1,824)	31,356	44,772

**Passive Funds**

Vanguard Total Bond Market II Index	(2,860)	1,554	87,275	84,706
Vanguard Emerging Markets Stock Index	(1,515)	1,492	53,930	68,892
iShares MSCI Emerging Markets	(1,390)	(14,016)	21,001	44,337
iShares J.P. Morgan USD Emerging Markets Bond	(993)	(145)	4,195	4,690
Financial Select Sector SPDR	(912)	(583)	18,135	18,507

Source: Morningstar Direct Asset Flows.

**Top-Flowing Active and Passive Funds**

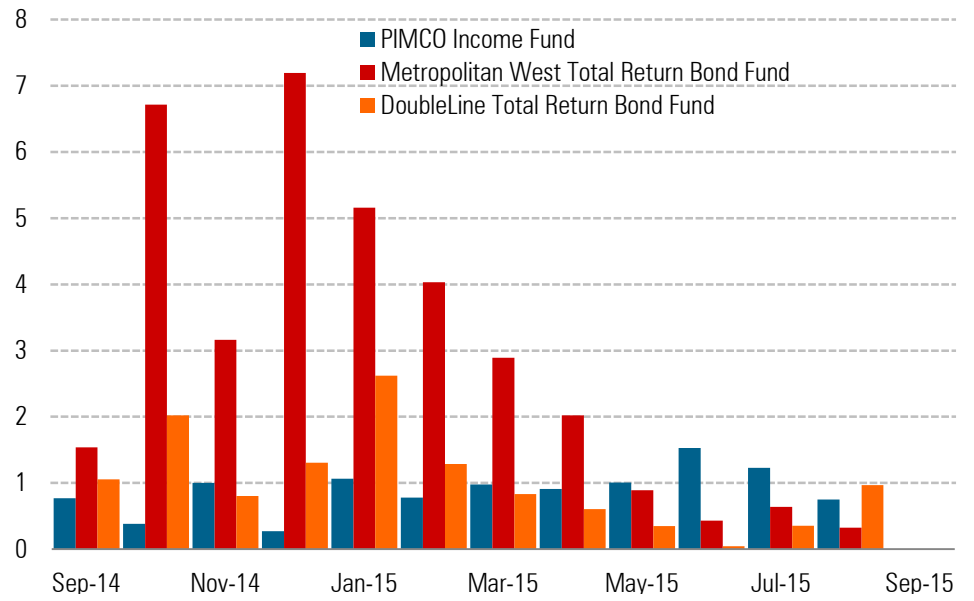
<b>Estimated Net Flows</b> \$Mil	<b>August</b> <b>2015</b>	<b>1 Year</b>	<b>Assets</b> <b>August</b> <b>2015</b> \$Mil	<b>Assets</b> <b>August</b> <b>2014</b> \$Mil
<b>Active Funds</b>				
DoubleLine Total Return Bond	965	12,245	48,029	34,597
PIMCO Income	750	10,659	49,214	38,049
Strategic Advisers Core	743	2,549	23,657	21,165
Brown Advisory WMC Strat Eur Equity	680	725	945	230
T. Rowe Price Emerging Markets Stock	649	1,940	8,302	8,109
<b>Passive Funds</b>				
Vanguard Total Intl Stock Index	9,415	63,816	177,039	133,405
SPDR S&P 500 ETF	3,708	(393)	167,607	172,701
Vanguard 500 Index	2,307	19,824	204,637	185,240
iShares Short Treasury Bond	1,103	1,169	3,308	2,139
VelocityShares Daily Inverse VIX ST ETN	1,088	644	1,141	686

Source: Morningstar Direct Asset Flows.

On the active side, it appears that investors are switching between fixed-income funds. Although PIMCO Income PIMIX continued to receive steady flows, it was surpassed in August by DoubleLine Total Return Bond DBLTX. Metropolitan West Total Return Bond MWTIX, however, saw its flows diminish recently, after having been the favorite for a while after September 2014.

On the passive side, two Vanguard stock index funds (international and U.S.) landed on the top-flowing list in August, along with the SPDR S&P 500 SPY, illustrating the trend toward international and U.S. stocks previously observed at the category level.

**Exhibit 3.** Flows Into Select Fixed-Income Funds (\$ Billion)



Source: Morningstar Direct Asset Flows.



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**Note:** The figures in this report were compiled on Sept. 10, 2015, and reflect only the funds that had reported net assets by that date. The figures in both the commentary and the extended tables are survivorship-bias-free.

Also note that this report includes both mutual funds and exchange-traded funds, while past commentaries excluded ETFs. The decision to include ETFs and to split some of the data tables into active and passive groups was based on the fact that ETFs now account for a significant share of assets and flows. In addition, a large share of the flows to mutual funds during the past several years have gone to passive investments, often within retirement savings accounts. These flows may not be completely representative of incremental investment decisions.

**Important methodology note:** Morningstar computes flows using the approach that is standard in the industry: Estimated net flow is the change in assets not explained by the performance of the fund. Our method assumes that flows occur uniformly over the course of the month. Adjustments for mergers are performed automatically. When liquidated funds are included, the final assets of the fund are counted as outflows. Reinvested dividends are not counted as inflows. We use fund-level reinvestment rates to improve accuracy in this respect. We make ad hoc adjustments for unusual corporate actions such as reverse share splits, and we overwrite our estimates with actual flows if managers are willing to provide the data to us. Please click [here](#) for a full explanation of our methodology.



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# Fund Flows

## Monthly Market Summary: US Open-end & ETF ex MM ex FoF Including merged and liquidated funds

Effective Date  
08-31-2015

### Morningstar Categories Ranked by Current TNA (\$Mil)

Rank	Name	Estimated Net Flow (\$mil)				Total Net Assets (\$bil)				Total Return	
		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %	1-Mo	YTD
1	Large Blend	6,426	3,596	(26,881)	47,241	2,148	15.41	2,128	15.03	(11.99)	(7.17)
2	Large Growth	(2,821)	(3,641)	(23,506)	(34,200)	1,334	9.57	1,337	9.44	(13.30)	0.69
3	Intermediate-Term Bond	(5,432)	(7,183)	38,521	50,975	1,105	7.93	1,044	7.37	(0.72)	0.60
4	Large Value	(3,971)	(8,532)	(22,689)	(13,193)	966	6.93	1,022	7.22	(11.48)	(10.41)
5	Foreign Large Blend	12,914	34,131	112,436	144,322	772	5.54	720	5.08	(14.33)	(2.62)
6	Moderate Allocation	(1,227)	(1,599)	2,823	7,719	544	3.91	545	3.85	(7.97)	(7.75)
7	World Stock	(1,010)	(1,082)	(1,191)	1,859	405	2.91	425	3.00	(13.05)	(7.44)
8	Diversified Emerging Mkts	(4,618)	(6,563)	6,409	3,078	346	2.48	443	3.13	(17.67)	(25.50)
9	Short-Term Bond	(925)	(842)	(3,755)	(1,730)	332	2.38	325	2.30	(0.38)	1.45
10	World Allocation	(1,947)	(1,925)	(1,293)	(3,645)	320	2.30	347	2.45	(8.09)	(10.03)
11	Foreign Large Growth	676	1,283	6,935	272	312	2.24	350	2.47	(14.27)	(1.75)
12	Mid-Cap Blend	227	685	12,730	17,243	303	2.17	291	2.05	(10.73)	(5.83)
13	High Yield Bond	(4,045)	(6,653)	(4,152)	(13,485)	297	2.13	327	2.31	(3.14)	0.22
14	Mid-Cap Growth	(804)	(707)	(8,604)	(14,829)	295	2.12	315	2.22	(12.95)	1.14
15	Small Blend	(961)	(2,131)	(329)	3,755	274	1.97	276	1.95	(10.58)	(7.51)
16	Mid-Cap Value	(1,863)	(3,660)	(8,271)	(10,395)	235	1.69	264	1.86	(9.69)	(8.94)
17	World Bond	(3,048)	(1,502)	13,984	17,219	214	1.54	209	1.48	(1.76)	(7.23)
18	Conservative Allocation	(2,446)	(3,885)	477	5,697	209	1.50	220	1.55	(5.19)	(4.10)
19	Small Growth	(733)	724	1,386	(3,719)	195	1.40	197	1.39	(13.62)	2.23
20	Health	(1,817)	3,079	24,693	32,365	190	1.36	133	0.94	(16.68)	19.98
21	Multisector Bond	(3,356)	(3,504)	2,049	5,230	176	1.27	178	1.26	(0.05)	(0.44)
22	Muni National Interim	300	1,285	10,008	16,911	155	1.11	137	0.97	0.22	1.35
23	Nontraditional Bond	(1,007)	(1,064)	(5,002)	(9,034)	147	1.05	162	1.14	(1.75)	(1.26)
24	Foreign Large Value	327	1,012	5,522	8,320	146	1.05	156	1.10	(14.11)	(6.46)
25	Real Estate	(997)	(555)	(4,610)	(1,742)	126	0.90	130	0.92	(11.74)	(13.11)
26	Small Value	87	(356)	845	566	119	0.86	127	0.90	(8.55)	(11.67)
27	Muni National Short	(990)	(901)	(2,741)	(208)	119	0.85	119	0.84	0.07	0.59
28	Bank Loan	(2,971)	(3,034)	(9,405)	(27,063)	115	0.82	144	1.02	(1.60)	2.77
29	Corporate Bond	(901)	(839)	7,885	12,998	113	0.81	102	0.72	(1.52)	(1.10)
30	Intermediate Government	704	847	2,846	2,181	105	0.76	102	0.72	(0.10)	1.84
31	Inflation-Protected Bond	(1,494)	(1,606)	3,422	1,670	103	0.74	104	0.74	(1.69)	(1.28)
32	Ultrashort Bond	1,380	2,510	(2,252)	(1,525)	85	0.61	87	0.61	(0.09)	0.55
33	Muni National Long	(99)	(76)	494	1,533	83	0.60	81	0.57	0.25	1.31
34	Europe Stock	2,585	5,757	31,521	28,264	81	0.58	60	0.43	(13.17)	4.14
35	Technology	(2,093)	(2,631)	(1,171)	899	77	0.55	76	0.54	(12.59)	(3.57)

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		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %	1-Mo	YTD
36	High Yield Muni	(426)	(603)	632	3,593	74	0.53	69	0.49	0.36	1.47
37	Emerging Markets Bond	(2,484)	(3,451)	(3,986)	(8,496)	68	0.49	86	0.61	(5.37)	(7.00)
38	Short Government	2,552	5,378	6,141	6,351	58	0.42	52	0.36	(0.10)	0.97
39	Global Real Estate	1,067	1,249	3,384	4,385	55	0.39	54	0.38	(11.46)	(7.78)
40	Long/Short Equity	(150)	(815)	(3,979)	(8,012)	52	0.37	63	0.45	(6.50)	(4.51)
41	Multialternative	1,465	3,139	11,215	14,472	51	0.36	38	0.27	(4.18)	(3.63)
42	Japan Stock	1,050	2,211	11,328	13,617	45	0.32	30	0.21	(11.29)	19.52
43	Financial	(1,248)	848	(650)	3,163	43	0.31	40	0.28	(12.00)	(2.95)
44	Equity Energy	810	478	7,018	9,003	43	0.31	55	0.39	(6.92)	(33.94)
45	Energy Limited Partnership	(267)	(453)	2,631	7,001	43	0.31	50	0.35	(12.79)	(32.40)
46	Commodities Precious Metals	275	(1,308)	(889)	(4,426)	38	0.27	50	0.35	4.81	(14.03)
47	Muni California Long	2	(69)	472	929	36	0.26	34	0.24	0.61	2.15
48	Foreign Small/Mid Growth	321	445	1,789	291	35	0.25	38	0.27	(10.04)	4.77
49	Miscellaneous Region	(1,651)	(2,223)	2,678	(491)	35	0.25	45	0.32	—	—
50	Natural Resources	(455)	(493)	(1,018)	(5,134)	34	0.24	56	0.39	(10.56)	(28.63)
51	Commodities Broad Basket	(141)	(762)	(1,174)	(2,110)	33	0.24	52	0.37	(1.82)	(27.16)
52	Preferred Stock	201	378	3,487	5,631	31	0.23	26	0.18	(1.95)	1.56
53	Utilities	216	129	(5,065)	(2,018)	31	0.22	36	0.25	(8.50)	(17.04)
54	Foreign Small/Mid Blend	274	904	4,910	5,104	31	0.22	28	0.19	(9.86)	6.16
55	Tactical Allocation	(220)	(267)	1,668	1,402	30	0.22	32	0.22	(8.06)	(8.62)
56	Consumer Cyclical	(577)	368	2,969	7,262	28	0.20	19	0.13	(12.61)	0.93
57	Market Neutral	(485)	(710)	(4,098)	(7,023)	26	0.19	34	0.24	(0.61)	(1.21)
58	Pacific/Asia ex-Japan Stk	(3,577)	(5,098)	(1,361)	(800)	25	0.18	31	0.22	(19.24)	(19.72)
59	Long Government	1,750	2,218	(642)	(545)	24	0.17	24	0.17	(0.76)	(2.16)
60	Foreign Small/Mid Value	206	505	2,048	1,997	24	0.17	24	0.17	(10.06)	3.01
61	Muni New York Long	(126)	(375)	(691)	(783)	23	0.16	23	0.17	0.61	1.73
62	Managed Futures	1,114	2,023	6,250	7,137	22	0.16	14	0.10	(3.15)	(5.69)
63	Long-Term Bond	81	(106)	(2,409)	(3,789)	21	0.15	25	0.18	(1.64)	(4.82)
64	Muni Single State Long	(109)	(220)	(222)	(373)	21	0.15	21	0.15	0.19	0.41
65	Aggressive Allocation	(89)	(166)	331	862	21	0.15	21	0.15	(11.86)	(10.46)
66	Convertibles	(161)	(353)	(806)	(1,038)	20	0.14	22	0.16	(7.24)	(1.94)
67	China Region	(1,111)	(2,568)	1,069	1,497	20	0.14	22	0.15	(24.84)	(17.31)
68	Muni California Intermediate	109	220	1,380	2,255	19	0.14	17	0.12	0.51	1.83
69	Consumer Defensive	(236)	797	(1,417)	2,603	18	0.13	15	0.10	(10.68)	1.20
70	Trading-Leveraged Equity	1,183	1,408	482	3,563	18	0.13	18	0.13	—	—

## Fund Flows

### Monthly Market Summary: US Open-end & ETF ex MM ex FoF Including merged and liquidated funds

Effective Date  
08-31-2015

#### Morningstar Categories Ranked by Current TNA (\$Mil)

Rank	Name	Estimated Net Flow (\$mil)				Total Net Assets (\$bil)				Total Return	
		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %	1-Mo	YTD
71	Industrials	(857)	(1,178)	(5,178)	(4,698)	16	0.11	21	0.15	(10.87)	(12.98)
72	Equity Precious Metals	110	(74)	814	751	14	0.10	25	0.18	1.91	(46.04)
73	Diversified Pacific/Asia	(614)	(593)	579	544	13	0.10	14	0.10	(16.14)	(6.27)
74	Muni Single State Intern	(57)	(64)	75	80	13	0.09	13	0.09	0.18	0.68
75	Muni Single State Short	(136)	(370)	(647)	(736)	11	0.08	11	0.08	0.11	(0.21)
76	Multicurrency	(769)	(1,044)	(665)	(986)	10	0.07	12	0.08	(2.55)	(6.66)
77	India Equity	(576)	(705)	2,450	3,556	9	0.07	7	0.05	(19.19)	(11.11)
78	Trading-Inverse Equity	26	(168)	1,396	(389)	9	0.07	9	0.07	—	—
79	Muni Pennsylvania	(38)	(96)	(114)	(167)	9	0.06	9	0.06	0.25	1.09
80	Muni Massachusetts	(25)	(46)	(10)	40	7	0.05	7	0.05	0.20	0.64
81	Muni New Jersey	(58)	(113)	(238)	(311)	6	0.05	7	0.05	(0.11)	(0.46)
82	Communications	(180)	(195)	(238)	(245)	6	0.04	7	0.05	(9.46)	(0.81)
83	Commodities Energy	646	1,402	3,165	4,840	6	0.04	3	0.02	0.70	(14.70)
84	Trading-Inverse Debt	(292)	(387)	204	(1,071)	6	0.04	8	0.05	—	—
85	Muni New York Intermediate	16	16	105	176	5	0.04	5	0.04	0.45	1.83
86	Muni Ohio	(18)	(28)	(9)	(3)	5	0.03	5	0.03	0.15	0.63
87	Muni Minnesota	3	25	111	160	4	0.03	4	0.03	0.20	1.00
88	Volatility	760	423	1,216	1,419	4	0.03	3	0.02	—	—
89	Bear Market	(54)	(94)	(407)	(1,756)	4	0.03	6	0.04	12.62	(1.81)
90	Miscellaneous Sector	(27)	(105)	(100)	(231)	4	0.03	5	0.04	—	—
91	Latin America Stock	(202)	(266)	(1,301)	(1,369)	4	0.03	10	0.07	(21.66)	(52.28)
92	Trading-Leveraged Commodities	425	1,244	2,711	4,362	3	0.03	1	0.01	—	—
93	Target Date 2026-2030	(8)	(30)	(105)	(69)	3	0.02	3	0.02	(4.94)	(0.11)
94	Target Date 2016-2020	(20)	(54)	(241)	(248)	3	0.02	3	0.02	(3.15)	(0.41)
95	Target Date 2021-2025	(22)	(43)	(81)	(68)	2	0.02	3	0.02	(6.56)	1.58
96	Target Date 2036-2040	7	(2)	(27)	2	2	0.02	2	0.02	(5.05)	(0.07)
97	Target Date 2031-2035	0	(15)	7	38	1	0.01	2	0.01	(7.95)	1.16
98	Commodities Agriculture	(46)	(54)	(44)	(205)	1	0.01	2	0.01	(3.23)	(16.55)
99	Target Date 2046-2050	11	16	65	114	1	0.01	1	0.01	(8.76)	0.72
100	Trading-Miscellaneous	(119)	(134)	(234)	(116)	1	0.01	1	0.01	—	—
101	Single Currency	(30)	(88)	72	(2)	1	0.01	1	0.01	—	—
102	Target Date 2041-2045	3	(5)	27	56	1	0.01	1	0.01	(8.70)	0.84
103	Target Date 2011-2015	(16)	(42)	(153)	(183)	1	0.01	1	0.01	(4.99)	2.03
104	Retirement Income	(13)	(48)	(94)	(122)	1	0.01	1	0.01	(2.14)	(0.60)
105	Trading-Inverse Commodities	24	(225)	(2)	(496)	1	0.01	1	0.01	—	—

## Fund Flows

### Monthly Market Summary: US Open-end & ETF ex MM ex FoF Including merged and liquidated funds

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#### Morningstar Categories Ranked by Current TNA (\$Mil)

Rank	Name	Estimated Net Flow (\$mil)				Total Net Assets (\$bil)				Total Return	
		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %	1-Mo	YTD
106	Target Date 2000-2010	(13)	(26)	(128)	(161)	1	0.00	1	0.01	(1.55)	(0.09)
107	Trading-Leveraged Debt	85	256	(140)	(707)	1	0.00	1	0.01	—	—
108	Commodities Industrial Metals	(1)	(10)	(19)	(149)	0	0.00	1	0.00	—	—
109	Target Date 2051+	8	11	51	77	0	0.00	0	0.00	(4.06)	8.62
110	Commodities Miscellaneous	0	0	0	0	0	0.00	0	0.00	3.39	11.70
<b>Top 10</b>		<b>(2,611)</b>	<b>6,360</b>	<b>80,874</b>	<b>202,426</b>	<b>8,272</b>	<b>59.36</b>	<b>8,336</b>	<b>58.86</b>	—	—
<b>All</b>		<b>(28,855)</b>	<b>(9,812)</b>	<b>205,482</b>	<b>334,354</b>	<b>13,936</b>	<b>100.00</b>	<b>14,164</b>	<b>100.00</b>	—	—

#### Top Fund Families Ranked by Current TNA (\$Mil)

Rank	Name	Estimated Net Flow (\$mil)				Assets Under Management (\$bil)			
		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %
1	Vanguard	11,566	26,603	166,086	256,252	2,790	20.02	2,573	18.17
2	Fidelity Investments	(1,370)	(4,633)	9,231	14,326	1,242	8.91	1,241	8.76
3	American Funds	(954)	86	9,360	10,073	1,156	8.30	1,175	8.29
4	iShares	(3,776)	3,521	40,809	82,179	763	5.48	734	5.18
5	T. Rowe Price	(476)	(1,828)	3,112	3,662	461	3.31	457	3.23
6	Franklin Templeton Investments	(5,443)	(8,634)	(13,166)	(15,669)	415	2.98	461	3.25
7	SPDR State Street Global Advisors	1,574	9,022	(36,403)	8,710	396	2.84	407	2.88
8	PIMCO	(4,574)	(9,135)	(63,550)	(181,976)	327	2.35	525	3.71
9	JPMorgan	434	1,658	10,913	19,051	270	1.94	258	1.82
10	Dimensional Fund Advisors	869	3,726	15,246	24,382	257	1.85	254	1.79
11	BlackRock	(622)	(627)	9,008	19,339	222	1.59	209	1.48
12	Dodge & Cox	(394)	(127)	7,356	22,716	184	1.32	175	1.24
13	OppenheimerFunds	(1,964)	(3,645)	(8,527)	(11,653)	181	1.30	210	1.48
14	MFS	375	608	3,936	5,998	174	1.25	171	1.21
15	Columbia	(1,893)	(2,958)	(9,624)	(13,791)	148	1.06	168	1.18
16	Invesco	(494)	(1,166)	(2,359)	(3,151)	142	1.02	152	1.07
17	Jackson National	34	729	6,289	9,669	123	0.88	117	0.83
18	John Hancock	917	1,742	5,281	7,453	120	0.86	117	0.82
19	Principal Funds	229	584	2,845	3,077	112	0.80	111	0.79
20	Wells Fargo Advantage	(1,166)	(1,723)	(5,591)	(5,278)	107	0.77	116	0.82
21	Janus	(856)	(1,493)	(374)	1,702	104	0.74	102	0.72
22	Lord Abbett	(988)	(1,301)	(2,807)	(4,312)	102	0.74	109	0.77
23	American Century Investments	(448)	(1,226)	(1,317)	(1,573)	98	0.70	100	0.71
24	AXA Equitable	(340)	(651)	(2,219)	(3,148)	98	0.70	102	0.72
25	Goldman Sachs	(1,994)	(2,655)	(5,036)	(4,516)	93	0.67	103	0.73

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## Fund Flows

### Monthly Market Summary: US Open-end & ETF ex MM ex FoF Including merged and liquidated funds

Effective Date  
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#### Top Fund Families Ranked by Current TNA (\$Mil)

Rank	Name	Estimated Net Flow (\$mil)				Assets Under Management (\$bil)			
		1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %
26	Hartford Mutual Funds	(293)	(312)	(1,405)	(2,470)	91	0.65	95	0.67
27	Legg Mason	(850)	(1,070)	2,973	8,369	90	0.65	84	0.59
28	PowerShares	(550)	(48)	(875)	(7,496)	86	0.62	95	0.67
29	SEI	(86)	(109)	3,286	4,566	85	0.61	83	0.59
30	TIAA-CREF Mutual Funds	747	965	4,837	7,465	85	0.61	79	0.56
31	Voya	(645)	(1,319)	(5,040)	(7,482)	84	0.60	93	0.66
32	Harbor	(17)	220	(2,076)	(5,039)	80	0.57	88	0.62
33	Oakmark	(237)	(391)	(335)	(1,545)	78	0.56	85	0.60
34	Prudential Investments	(597)	(1,065)	2,235	4,649	78	0.56	75	0.53
35	Metropolitan West Funds	256	945	16,398	36,220	76	0.55	40	0.28
36	First Eagle	(584)	(827)	(2,165)	(2,764)	70	0.50	78	0.55
37	GMO	(2,075)	(1,176)	(3,043)	(1,901)	70	0.50	79	0.55
38	Eaton Vance	(1,162)	(1,505)	(3,796)	(7,076)	67	0.48	77	0.54
39	MainStay	(1,257)	(2,104)	(7,077)	(15,098)	67	0.48	85	0.60
40	Putnam	(481)	(917)	(1,520)	(597)	66	0.48	75	0.53
41	Federated	(310)	(604)	371	1,902	63	0.45	62	0.44
42	Nuveen	(113)	(46)	229	2,325	60	0.43	59	0.41
43	Natixis Funds	(762)	(935)	3,068	6,088	60	0.43	57	0.40
44	AllianceBernstein	(335)	(420)	76	994	59	0.43	61	0.43
45	Dreyfus	(295)	(677)	(1,562)	(3,232)	59	0.42	64	0.45
46	Ivy Funds	(941)	(1,564)	(5,126)	(10,496)	58	0.42	76	0.53
47	DoubleLine	983	1,624	9,320	16,505	58	0.41	40	0.28
48	WisdomTree	(528)	651	20,778	25,963	57	0.41	36	0.25
49	USAA	(57)	(74)	943	1,745	56	0.40	55	0.39
50	Schwab Funds	84	186	1,416	3,226	55	0.40	53	0.38
<b>Top 10</b>		<b>(2,152)</b>	<b>20,387</b>	<b>141,638</b>	<b>220,990</b>	<b>8,078</b>	<b>57.97</b>	<b>8,085</b>	<b>57.08</b>
<b>Top 50</b>		<b>(21,858)</b>	<b>(4,096)</b>	<b>170,410</b>	<b>298,343</b>	<b>11,845</b>	<b>85.00</b>	<b>11,919</b>	<b>84.15</b>
<b>Other</b>		<b>(6,997)</b>	<b>(5,560)</b>	<b>38,349</b>	<b>41,250</b>	<b>2,091</b>	<b>15.00</b>	<b>2,179</b>	<b>15.38</b>
<b>All</b>		<b>(28,855)</b>	<b>(9,656)</b>	<b>208,759</b>	<b>339,593</b>	<b>13,936</b>	<b>100.00</b>	<b>14,098</b>	<b>99.54</b>

## Fund Flows

### Monthly Market Summary: US Open-end & ETF ex MM ex FoF Including merged and liquidated funds

Effective Date  
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#### Asset Classes

Name	Estimated Net Flow (\$mil)				Assets Under Management (\$bil)			
	1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %
US Equity	(4,414)	(14,023)	(75,318)	(7,531)	5,870	42.12	5,956	42.05
Sector Equity	(6,552)	1,264	22,063	53,365	729	5.23	722	5.09
International Equity	4,996	27,150	185,821	210,060	2,302	16.52	2,402	16.96
Allocation	(6,154)	(8,433)	2,520	10,431	1,161	8.33	1,205	8.51
Taxable Bond	(18,993)	(18,451)	46,732	36,588	2,997	21.50	2,998	21.17
Municipal Bond	(1,653)	(1,415)	8,606	23,098	590	4.23	562	3.97
Alternative	3,181	4,828	14,021	10,394	209	1.50	212	1.50
Commodities	734	(733)	1,039	(2,050)	79	0.56	107	0.76
<b>All Long Term</b>	<b>(28,855)</b>	<b>(9,812)</b>	<b>205,482</b>	<b>334,354</b>	<b>13,936</b>	<b>100.00</b>	<b>14,164</b>	<b>100.00</b>

#### Morningstar Ratings

Name	Estimated Net Flow (\$mil)				Total Net Assets (\$bil)			
	1-Mo	QTD	YTD	1-Yr	08-2015	Mkt Sh %	08-2014	Mkt Sh %
★★★★★	5,670	17,911	147,327	222,582	2,019	14.49	1,818	12.84
★★★★	(5,123)	2,306	76,516	155,633	5,694	40.86	5,640	39.82
★★★	(24,564)	(33,796)	(68,111)	(79,542)	4,238	30.41	4,520	31.91
★★	(8,080)	(10,039)	(43,306)	(72,147)	1,250	8.97	1,424	10.05
★	(4,740)	(8,148)	(19,576)	(28,142)	172	1.23	236	1.66
Not Rated	7,982	21,954	112,633	135,971	563	4.04	526	3.71
<b>Total</b>	<b>(28,855)</b>	<b>(9,812)</b>	<b>205,482</b>	<b>334,354</b>	<b>13,936</b>	<b>100.00</b>	<b>14,164</b>	<b>100.00</b>