

# Lipper Performance Report

## Investment Objective Performance Summary

Total Net Assets (\$millions) 11/30/2017	# of Funds	Type of Fund	Cumulative Total Reinvested Performance %							
			YTD	1 Week	4 Weeks	13 Weeks	52 Weeks	2 Years*	3 Years*	5 years*
			12/31/16 to 12/14/17	12/7/17 to 12/14/17	11/16/17 to 12/14/17	9/14/17 to 12/14/17	12/15/16 to 12/14/17	12/10/15 to 12/14/17	12/11/14 to 12/14/17	12/13/12 to 12/14/17
<b>U.S. Diversified Equity Funds</b>										
1,014,360.5	696	Large-Cap Growth Funds	28.90	0.64	1.44	6.24	27.04	14.04	11.72	15.67
923,048.9	883	Large-Cap Core Funds	19.46	0.54	2.70	6.47	18.25	14.32	9.85	14.15
508,671.1	506	Large-Cap Value Funds	14.18	0.36	3.18	6.19	13.08	14.08	8.45	13.20
385,663.2	538	Multi-Cap Growth Funds	26.89	0.31	1.24	6.16	25.09	13.78	10.53	14.86
1,222,850.1	820	Multi-Cap Core Funds	17.92	0.19	2.40	6.03	16.81	13.62	8.93	13.66
238,722.1	387	Multi-Cap Value Funds	13.32	0.05	2.92	6.06	12.09	14.10	8.20	13.14
223,240.2	403	Mid-Cap Growth Funds	22.65	-0.38	1.31	6.01	20.96	13.34	9.61	13.81
324,520.6	461	Mid-Cap Core Funds	13.54	-0.54	2.11	5.95	12.60	13.51	8.47	13.15
135,431.5	182	Mid-Cap Value Funds	10.39	-0.54	2.24	5.25	9.43	13.52	7.87	12.96
192,831.6	609	Small-Cap Growth Funds	20.29	-0.45	1.42	6.28	18.95	13.90	9.85	13.90
551,348.1	1,080	Small-Cap Core Funds	10.24	-0.99	1.53	6.17	9.68	14.53	9.18	13.13
127,526.9	282	Small-Cap Value Funds	6.51	-1.23	1.77	6.40	6.10	15.31	8.28	12.04
1,299,111.8	134	S&P 500 Index Funds	20.24	0.60	2.69	6.68	19.08	15.46	10.95	15.09
479,125.5	586	Equity Income Funds	14.10	0.33	2.79	5.69	13.55	13.80	8.25	12.09
4,548.2	30	Specialty Diversified Equity Fund	9.70	0.34	0.60	2.67	8.92	2.96	-0.19	-3.15
13,985.7	164	Dedicated Short Bias Funds	-21.30	-0.68	-1.38	-5.88	-21.91	-26.32	-20.08	-22.79
21,025.8	108	Alternative Equity Market Neutral	-0.29	-0.14	-0.20	0.26	-0.49	-0.25	-0.33	1.67
44,120.7	370	Alternative Long/Short Equity Fu	9.23	0.13	1.27	3.15	8.75	6.40	4.29	6.43
33,967.6	206	Equity Leverage Funds	36.41	0.96	2.38	8.09	35.41	25.75	11.66	17.63
12,766.0	31	Alternative Active Extension Fund	17.50	0.29	2.04	6.47	15.65	12.64	8.93	14.87
<b>7,756,865.0</b>	<b>8,476</b>	<b>U.S. Diversified Equity Funds</b>	<b>16.59</b>	<b>-0.04</b>	<b>1.94</b>	<b>5.74</b>	<b>15.51</b>	<b>13.00</b>	<b>8.53</b>	<b>12.68</b>
<b>Sector Equity Funds</b>										
101,807.0	100	Health/Biotechnology Funds	23.65	0.68	1.52	-0.39	22.61	6.12	5.87	17.35
41,428.6	93	Natural Resources Funds	-7.96	0.67	2.41	5.07	-8.55	5.87	-2.86	-1.35
116,662.1	177	Science & Technology Funds	36.69	0.72	-0.73	7.08	34.66	21.67	16.44	19.18
8,137.5	35	Telecommunication Funds	9.11	1.59	3.46	2.70	9.85	10.19	7.18	9.27
34,773.1	62	Utility Funds	15.39	-0.69	-1.11	0.49	16.95	16.59	6.85	10.67
70,206.2	96	Financial Services Funds	13.66	-0.86	3.46	9.05	13.37	16.65	11.34	15.20
163,557.9	273	Real Estate Funds	6.05	1.06	-0.16	1.14	9.03	8.18	5.28	9.09
13,012.2	69	Specialty/Miscellaneous Funds	1.08	-0.45	-1.07	-1.65	1.17	-1.86	-8.48	-15.67
24,328.4	72	Precious Metals Equity Funds	1.87	3.10	-1.57	-10.28	10.91	23.76	5.77	-11.49
16,663.8	33	Basic Materials Funds	23.56	0.56	1.61	4.44	21.74	23.56	8.35	5.79
18,839.8	38	Consumer Goods Funds	15.30	0.11	2.97	3.58	15.29	9.75	8.25	12.18
22,448.2	37	Consumer Services Funds	16.25	0.42	4.70	7.59	13.71	9.81	8.29	13.74
5,635.9	22	Global Financial Services Funds	18.98	0.70	2.15	4.30	18.82	12.04	8.33	11.34
59,328.6	45	Global Health/Biotechnology Fun	17.03	1.17	1.00	-2.24	16.70	2.70	3.92	15.44
32,330.1	128	Global Natural Resources Funds	3.18	1.02	1.55	3.78	3.03	10.90	0.02	-0.56
37,957.2	190	Global Real Estate Funds	10.74	1.40	1.13	1.88	13.83	7.82	4.56	6.82
18,372.7	45	Global Science/Technology Fund	43.67	0.85	-1.60	6.96	41.81	25.25	19.95	21.47
39,508.4	56	Industrials Funds	21.05	-0.04	3.24	7.20	20.19	17.82	11.06	14.64
18,292.9	48	International Real Estate Funds	20.81	1.58	2.49	3.19	23.55	9.58	5.60	5.34
26,774.4	116	Alternative Managed Futures Fur	2.70	0.45	1.19	2.97	1.59	-0.75	0.12	2.65
1,306.8	29	Commodities Agriculture Funds	-10.83	-1.76	-3.66	-4.39	-10.98	-6.14	-10.82	-11.07
52,873.0	22	Commodities Precious Metals Fu	7.66	0.02	-3.32	-6.23	8.26	7.71	-2.16	-8.87
1,798.1	27	Commodities Specialty Funds	-6.27	-0.01	0.32	1.47	-5.85	-12.93	-13.24	-11.61
34,036.6	149	Commodities General Funds	-1.53	0.11	-1.32	0.57	-0.85	4.58	-7.12	-8.56
4,423.0	27	Commodities Energy Funds	-6.16	-0.40	-1.60	4.17	-1.95	3.19	-15.08	-14.51
389.7	15	Commodities Base Metals Fund	21.36	3.02	-0.20	2.70	15.64	22.28	1.41	-3.29
42,044.0	140	Energy MLP Funds	-7.48	3.44	5.29	-1.36	-3.94	9.44	-7.84	-1.28
16,917.9	109	Global Infrastructure Funds	16.77	-0.24	0.85	-0.16	17.78	13.79	5.40	8.62
<b>1,023,854.0</b>	<b>2,253</b>	<b>Sector Equity Funds</b>	<b>10.62</b>	<b>0.83</b>	<b>0.97</b>	<b>2.08</b>	<b>11.61</b>	<b>10.39</b>	<b>3.99</b>	<b>6.54</b>
<b>World Equity Funds</b>										
99,426.2	138	Global Large-Cap Growth	26.63	0.57	0.94	4.56	26.14	12.87	9.17	11.04
125,170.0	85	Global Large-Cap Core	21.78	0.69	1.63	4.11	21.44	13.48	7.92	10.01
26,550.1	43	Global Large-Cap Value	16.42	0.51	2.04	3.03	16.42	12.02	6.21	9.38
51,939.8	249	Global Multi-Cap Growth	27.01	0.51	0.93	4.29	26.31	13.51	9.36	11.74
66,751.5	226	Global Multi-Cap Core	21.26	0.37	1.40	4.24	20.91	13.72	8.50	11.46
66,577.3	101	Global Multi-Cap Value	17.00	0.52	2.17	3.84	16.62	12.54	6.90	9.72
308,966.2	175	International Large-Cap Growth	25.09	0.59	0.34	2.53	25.69	11.40	6.67	6.91
139,548.0	113	International Large-Cap Core	22.70	0.79	0.93	2.81	22.92	11.26	5.90	6.72
23,882.2	36	International Large-Cap Value	21.94	0.93	1.49	3.20	22.35	10.92	5.65	6.58
309,548.5	517	International Multi-Cap Growth	27.42	0.74	0.68	2.67	28.37	12.07	7.72	7.85
884,926.3	459	International Multi-Cap Core	23.02	0.82	1.03	2.81	23.81	11.88	6.95	7.64
110,350.6	151	International Multi-Cap Value	20.24	0.98	1.37	2.22	20.54	11.50	6.07	6.84

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79,229.8	220	International Small/Mid-Cap Grov	30.67	0.86	1.67	3.41	32.46	13.80	10.93	10.81
29,887.4	91	International Small/Mid-Cap Core	26.87	0.88	1.55	2.93	28.39	14.50	9.96	9.19
21,790.6	23	International Small/Mid-Cap Valu	20.19	0.76	1.51	1.72	21.26	14.71	9.42	9.10
93,918.1	172	European Region Funds	21.98	0.29	0.75	1.08	24.22	9.88	6.73	7.98
18,385.0	52	Pacific Region Funds	30.97	1.62	0.72	5.81	30.35	17.46	10.09	8.30
40,201.2	47	Japanese Funds	26.93	1.19	2.42	9.39	26.47	14.53	13.25	14.35
28,002.7	74	Pacific Ex Japan Funds	36.10	2.02	-0.34	4.85	34.85	18.47	9.59	7.40
18,571.5	88	China Region Funds	40.93	2.65	-2.20	4.03	39.84	17.44	11.07	9.51
551,249.0	884	Emerging Markets Funds	29.97	1.40	-0.21	1.29	30.32	18.83	6.88	3.98
12,487.8	34	Latin American Funds	21.08	0.31	-0.33	-6.24	25.12	23.07	3.22	-3.55
62,313.7	148	Global Small-/Mid-Cap Funds	23.22	0.35	1.96	4.78	23.56	16.77	10.71	12.43
12,564.5	24	India Region Funds	37.17	0.51	2.39	1.98	36.14	19.50	9.64	11.85
32,354.9	131	International Equity Income Func	19.90	0.89	1.31	1.39	20.92	11.75	5.03	5.05
141,484.4	184	Global Equity Income Funds	15.87	0.51	1.96	3.18	16.06	11.41	6.52	8.57
<b>3,356,077.3</b>	<b>4,465</b>	<b>World Equity Funds</b>	<b>25.71</b>	<b>0.88</b>	<b>0.82</b>	<b>2.81</b>	<b>26.17</b>	<b>14.16</b>	<b>7.76</b>	<b>7.95</b>
<b>12,136,799.0</b>	<b>15,194</b>	<b>Equity Funds - EFPA</b>	<b>18.42</b>	<b>0.35</b>	<b>1.47</b>	<b>4.36</b>	<b>18.09</b>	<b>12.96</b>	<b>7.64</b>	<b>10.51</b>
<b>Mixed Asset Funds</b>										
260,755.4	681	Flexible Portfolio Funds	11.59	0.39	1.20	2.55	11.80	9.23	4.65	6.16
22,822.9	120	Mixed-Asset Target 2010 Funds	9.47	0.28	0.87	1.89	9.91	7.50	4.72	5.72
59,136.4	128	Mixed-Asset Target 2015 Funds	10.69	0.32	0.98	2.19	11.07	8.27	5.18	6.52
162,413.8	241	Mixed-Asset Target 2020 Funds	11.07	0.31	0.98	2.38	11.39	8.45	5.17	6.33
168,468.0	215	Mixed-Asset Target 2025 Funds	13.20	0.36	1.15	2.87	13.35	9.74	6.06	7.71
181,000.1	244	Mixed-Asset Target 2030 Funds	15.07	0.40	1.27	3.42	15.10	10.96	6.79	8.46
135,422.3	211	Mixed-Asset Target 2035 Funds	17.12	0.44	1.41	3.88	16.96	12.10	7.61	9.61
132,966.7	236	Mixed-Asset Target 2040 Funds	17.75	0.46	1.43	4.14	17.56	12.58	7.80	9.69
87,968.6	207	Mixed-Asset Target 2045 Funds	18.80	0.47	1.52	4.34	18.51	13.09	8.24	10.38
68,324.4	232	Mixed-Asset Target 2050 Funds	18.69	0.47	1.49	4.38	18.44	13.17	8.18	10.17
569,564.0	531	Mixed-Asset Target Alloc Growth	14.50	0.34	1.49	3.74	14.22	10.44	6.68	9.13
386,531.3	570	Mixed-Asset Target Alloc Modera	11.89	0.31	1.23	2.74	11.95	9.17	5.62	7.24
123,030.0	372	Mixed-Asset Target Alloc Consv I	8.13	0.24	0.84	1.59	8.62	6.85	4.14	4.77
17,763.2	89	Convertible Securities Funds	12.50	0.26	-0.23	2.30	12.47	10.01	5.51	8.93
29,623.8	263	Absolute Return Funds	5.00	0.18	0.72	1.50	4.88	3.60	2.24	3.01
4,729.1	117	Retirement Income Funds	9.58	0.33	0.97	1.83	9.83	7.70	4.84	6.60
42,048.4	162	Mixed-Asset Target Today Funds	8.50	0.28	0.79	1.70	9.01	6.64	4.03	4.30
9,209.6	73	Alternative Event Driven Funds	5.28	0.05	0.65	0.48	5.65	6.49	3.63	3.38
92,756.5	302	Alternative Global Macro Funds	8.97	0.27	0.59	1.76	9.35	6.63	2.84	3.03
32,344.5	238	Alternative Multi-Strategy Funds	4.19	0.15	0.70	1.28	4.12	3.19	1.55	2.65
32,981.1	388	Mixed-Asset Target 2055+ Funds	19.36	0.47	1.56	4.51	18.99	13.30	8.60	10.84
28,504.9	172	Mixed-Asset Target Alloc Agg Gr	18.47	0.42	1.35	4.29	17.97	12.45	7.89	10.71
<b>2,648,365.0</b>	<b>5,792</b>	<b>Mixed Asset Funds</b>	<b>12.51</b>	<b>0.34</b>	<b>1.13</b>	<b>2.85</b>	<b>12.56</b>	<b>9.23</b>	<b>5.54</b>	<b>7.16</b>
<b>3,222,481.8</b>	<b>4,177</b>	<b>Domestic L-T Fixed Inc Funds</b>	<b>3.92</b>	<b>0.12</b>	<b>0.39</b>	<b>0.33</b>	<b>4.67</b>	<b>4.41</b>	<b>2.70</b>	<b>2.28</b>
<b>333,689.4</b>	<b>779</b>	<b>World Income Funds</b>	<b>8.58</b>	<b>0.09</b>	<b>0.80</b>	<b>-0.47</b>	<b>9.57</b>	<b>7.27</b>	<b>3.04</b>	<b>0.88</b>

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