

Lipper Performance Report

Investment Objective Performance Summary

Total Net Assets (\$millions)	# of Funds	Type of Fund	Cumulative Total Reinvested Performance %							
			YTD	1 Week	4 Weeks	13 Weeks	52 Weeks	2 Years*	3 Years*	5 years*
			12/31/17 to 11/8/18	11/1/18 to 11/8/18	10/11/18 to 11/8/18	8/9/18 to 11/8/18	11/9/17 to 11/8/18	11/3/16 to 11/8/18	11/5/15 to 11/8/18	11/7/13 to 11/8/18
U.S. Diversified Equity Funds										
1,073,659.4	695	Large-Cap Growth Funds	10.39	2.25	3.20	-3.22	13.07	21.48	12.56	12.96
875,443.3	791	Large-Cap Core Funds	4.82	2.33	2.72	-1.76	8.90	16.39	10.68	10.46
509,537.8	482	Large-Cap Value Funds	1.89	2.42	2.41	-1.39	6.60	13.67	9.26	8.84
357,993.0	578	Multi-Cap Growth Funds	8.30	1.91	2.90	-3.72	11.48	20.28	11.54	11.23
1,251,808.8	826	Multi-Cap Core Funds	2.89	2.11	2.50	-2.94	7.16	15.13	9.48	9.26
233,715.1	411	Multi-Cap Value Funds	0.15	2.29	2.22	-2.62	5.03	12.92	8.72	8.11
241,625.3	395	Mid-Cap Growth Funds	6.52	1.57	2.88	-4.93	10.70	19.06	10.94	10.09
316,399.3	447	Mid-Cap Core Funds	-0.31	1.83	1.80	-4.81	4.13	12.59	8.03	7.65
123,678.9	204	Mid-Cap Value Funds	-2.35	2.19	1.68	-4.72	2.29	10.53	7.32	7.28
182,252.2	573	Small-Cap Growth Funds	10.60	1.56	3.05	-5.04	16.02	23.32	12.85	10.01
529,916.7	1,024	Small-Cap Core Funds	1.00	1.86	1.49	-6.51	5.29	14.77	9.32	7.97
130,462.8	302	Small-Cap Value Funds	-1.55	2.03	0.80	-7.08	2.87	12.83	8.57	6.38
1,305,228.8	122	S&P 500 Index Funds	6.29	2.49	2.97	-1.27	10.23	17.57	11.86	11.63
457,445.7	559	Equity Income Funds	2.10	2.29	2.59	-1.32	6.34	12.96	9.28	8.42
3,845.7	31	Specialty Diversified Equity Fund	-1.07	1.10	1.36	-1.80	-0.23	5.01	1.67	-3.16
11,131.7	161	Dedicated Short Bias Funds	-7.44	-1.80	-2.24	5.19	-11.86	-23.33	-22.31	-20.36
16,125.0	99	Alternative Equity Market Neutral	0.05	0.45	0.54	0.33	-0.07	0.21	-0.35	1.66
43,813.5	352	Alternative Long/Short Equity Fu	0.19	1.32	1.39	-1.92	2.43	7.52	4.35	4.54
35,485.9	223	Equity Leverage Funds	-4.80	2.27	1.60	-9.30	0.17	20.59	11.97	8.81
11,151.1	23	Alternative Active Extension Fund	3.20	2.58	2.24	-3.19	7.52	16.24	9.90	10.62
7,710,720.0	8,298	U.S. Diversified Equity Funds	3.33	1.94	2.22	-3.56	7.22	15.07	9.19	8.57
Sector Equity Funds										
110,241.8	104	Health/Biotechnology Funds	11.67	2.21	3.34	-1.36	15.26	22.54	8.00	13.71
38,413.8	92	Natural Resources Funds	-8.20	0.51	-6.57	-10.78	-4.82	0.57	-0.78	-5.91
123,646.6	185	Science & Technology Funds	7.93	0.83	2.80	-6.44	8.70	23.53	16.91	15.87
11,973.6	37	Telecommunication Funds	-0.69	1.29	2.78	-2.16	4.45	7.69	5.78	5.52
25,805.0	63	Utility Funds	5.76	2.47	2.75	1.71	3.05	10.89	9.85	8.00
65,062.1	97	Financial Services Funds	-2.30	2.66	0.87	-6.03	3.06	15.42	9.59	9.06
143,778.5	267	Real Estate Funds	-0.03	1.97	4.68	-1.40	-0.15	6.35	4.28	7.84
13,215.6	75	Specialty/Miscellaneous Funds	-0.90	0.73	1.07	-2.19	0.46	2.27	-1.74	-10.86
21,243.7	73	Precious Metals Equity Funds	-20.93	-1.76	-4.29	-8.59	-18.45	-15.66	8.54	-4.02
13,260.8	34	Basic Materials Funds	-11.35	2.29	1.87	-8.40	-6.71	11.29	10.39	2.59
18,844.6	37	Consumer Goods Funds	-2.24	1.15	5.12	-0.62	3.80	7.58	5.74	7.22
24,952.8	38	Consumer Services Funds	6.72	2.24	4.47	-2.04	15.59	15.46	7.91	8.82
3,480.0	27	Global Financial Services Funds	-6.21	1.41	0.94	-5.53	-3.12	10.82	5.21	5.51
57,868.5	43	Global Health/Biotechnology Fun	9.97	2.68	3.28	0.02	12.08	16.44	5.13	11.38
28,980.0	116	Global Natural Resources Funds	-8.01	0.92	-2.85	-8.25	-4.81	3.75	2.75	-3.59
36,460.7	187	Global Real Estate Funds	-1.52	1.82	3.96	-2.39	0.31	6.10	3.82	5.04
19,142.0	64	Global Science/Technology Fund	4.75	0.80	2.96	-8.10	4.36	22.66	17.53	16.71
35,115.8	59	Industrials Funds	-4.22	2.13	1.29	-5.12	1.51	14.22	9.85	8.25
16,455.9	45	International Real Estate Funds	-5.43	1.38	2.40	-4.75	-1.21	6.33	4.09	3.23
20,862.4	126	Alternative Managed Futures Fur	-8.07	0.19	-0.96	-4.18	-7.03	-2.60	-2.22	1.04
1,080.6	26	Commodities Agriculture Funds	-7.36	-0.44	-0.02	-1.94	-9.53	-11.00	-7.19	-10.39
47,656.2	22	Commodities Precious Metals Fu	-8.34	-0.31	1.33	0.58	-7.64	-3.81	2.11	-4.28
962.0	22	Commodities Specialty Funds	-0.41	-1.13	-2.80	-2.47	1.25	-0.81	-11.15	-10.90
35,011.3	136	Commodities General Funds	-3.94	-0.74	-3.94	-2.43	-2.43	2.05	1.07	-6.44
3,239.6	21	Commodities Energy Funds	8.57	-0.75	-7.77	-1.88	8.65	10.77	-0.14	-13.09
286.3	15	Commodities Base Metals Funds	-17.36	0.57	-2.02	-2.13	-12.52	6.79	7.01	-2.52
42,075.2	148	Energy MLP Funds	-2.71	1.69	-3.37	-9.36	-0.03	0.55	-0.82	-4.43
16,190.1	107	Global Infrastructure Funds	-3.86	1.79	2.14	-3.84	-3.73	6.63	5.58	4.95
975,305.6	2,266	Sector Equity Funds	-1.67	1.24	0.92	-4.41	0.39	7.69	5.33	4.45
World Equity Funds										
103,427.2	146	Global Large-Cap Growth	2.26	1.81	2.93	-4.82	4.62	15.76	9.02	8.04
108,250.2	91	Global Large-Cap Core	-2.77	1.73	2.03	-4.66	0.12	11.51	7.07	5.89
20,480.6	48	Global Large-Cap Value	-3.00	1.46	1.39	-3.40	-0.55	9.51	6.07	4.90
47,708.6	255	Global Multi-Cap Growth	-0.21	1.41	2.03	-5.91	2.19	14.10	8.27	7.63
69,290.5	172	Global Multi-Cap Core	-1.98	1.67	1.82	-4.28	1.18	12.21	8.08	6.92
22,166.6	122	Global Multi-Cap Value	-3.99	1.43	1.19	-4.39	-1.15	9.88	6.35	5.19
274,732.9	192	International Large-Cap Growth	-8.41	0.68	0.99	-7.94	-6.63	7.91	4.08	2.83
109,410.8	87	International Large-Cap Core	-8.85	0.54	-0.22	-7.34	-6.94	7.51	3.18	1.87
29,848.4	40	International Large-Cap Value	-9.42	0.89	-0.10	-6.11	-7.04	7.16	2.74	0.63
311,440.4	540	International Multi-Cap Growth	-8.77	0.66	0.58	-8.33	-6.49	8.46	4.55	3.02
835,899.6	432	International Multi-Cap Core	-8.66	0.87	0.27	-6.65	-6.64	7.60	4.03	2.36
104,493.3	186	International Multi-Cap Value	-9.96	0.95	-0.20	-6.70	-8.00	6.51	3.31	1.39

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78,053.5	236	International Small/Mid-Cap Grov	-10.24	0.85	-0.00	-8.99	-6.57	9.41	6.45	4.72
23,222.2	66	International Small/Mid-Cap Core	-11.00	1.04	0.34	-7.68	-7.46	7.43	5.02	3.41
17,928.6	19	International Small/Mid-Cap Valu	-11.82	0.36	-0.43	-5.92	-9.19	5.17	4.86	3.03
64,268.6	159	European Region Funds	-8.81	0.70	0.52	-7.92	-6.62	8.78	3.23	2.23
14,596.5	50	Pacific Region Funds	-10.76	1.57	1.62	-7.82	-8.78	7.57	6.72	4.09
34,793.7	53	Japanese Funds	-8.08	1.53	-2.19	-5.91	-6.46	7.61	6.81	7.21
23,549.2	73	Pacific Ex Japan Funds	-14.82	1.79	3.34	-9.92	-12.76	7.00	5.13	3.43
19,799.2	91	China Region Funds	-15.90	1.58	3.65	-10.83	-15.20	7.53	4.19	5.11
483,984.1	905	Emerging Markets Funds	-14.16	1.08	3.23	-8.23	-11.57	5.91	5.16	1.03
11,457.1	34	Latin American Funds	-9.63	-2.28	0.60	-1.86	-6.41	5.32	10.92	-2.63
62,695.9	156	Global Small-/Mid-Cap Funds	-3.14	1.21	0.89	-6.87	1.21	13.26	9.54	6.48
9,306.9	28	India Region Funds	-19.36	2.04	6.08	-14.75	-14.59	2.75	4.87	10.23
28,736.5	137	International Equity Income Func	-8.69	1.14	1.24	-5.77	-6.18	6.21	3.90	1.08
128,179.4	175	Global Equity Income Funds	-2.73	1.57	1.71	-3.16	0.02	8.64	5.79	4.70
3,037,720.5	4,493	World Equity Funds	-8.46	1.08	1.46	-7.09	-5.98	8.52	5.44	3.49
11,723,747.0	15,057	Equity Funds - EFPA	-0.88	1.58	1.80	-4.74	2.34	12.09	7.54	6.56
Mixed Asset Funds										
231,791.5	661	Flexible Portfolio Funds	-2.03	0.88	0.70	-3.28	-0.02	6.61	4.74	3.77
20,681.4	147	Mixed-Asset Target 2010 Funds	-1.18	0.51	0.43	-2.02	0.17	4.99	4.19	3.91
54,292.2	145	Mixed-Asset Target 2015 Funds	-0.96	0.66	0.64	-2.15	0.59	5.96	4.72	4.41
155,664.9	255	Mixed-Asset Target 2020 Funds	-1.19	0.70	0.67	-2.39	0.40	6.21	4.82	4.39
175,317.3	239	Mixed-Asset Target 2025 Funds	-0.99	0.89	0.91	-2.63	0.91	7.59	5.59	5.11
187,309.1	262	Mixed-Asset Target 2030 Funds	-0.97	1.08	1.16	-3.04	1.23	8.97	6.34	5.66
143,249.0	232	Mixed-Asset Target 2035 Funds	-0.63	1.31	1.48	-3.31	1.90	10.57	7.16	6.40
137,894.4	258	Mixed-Asset Target 2040 Funds	-0.83	1.40	1.58	-3.63	1.83	11.02	7.41	6.51
95,303.2	228	Mixed-Asset Target 2045 Funds	-0.50	1.52	1.77	-3.68	2.32	11.87	7.84	6.94
75,682.6	250	Mixed-Asset Target 2050 Funds	-0.82	1.51	1.73	-3.85	1.99	11.70	7.79	6.82
554,991.9	514	Mixed-Asset Target Alloc Growth	-0.13	1.35	1.35	-2.91	2.38	9.65	6.49	6.22
281,975.3	599	Mixed-Asset Target Alloc Modera	-0.89	1.00	0.97	-2.46	1.00	7.19	5.25	4.81
112,966.2	357	Mixed-Asset Target Alloc Consv I	-1.46	0.52	0.36	-1.96	-0.26	4.07	3.63	3.38
14,260.0	83	Convertible Securities Funds	3.97	0.70	1.72	-2.75	4.53	11.06	7.29	6.33
29,224.7	225	Absolute Return Funds	-2.52	0.38	0.17	-2.11	-1.39	2.79	1.82	1.75
4,808.3	117	Retirement Income Funds	-1.57	0.58	0.57	-2.06	-0.14	5.52	4.36	4.31
39,752.9	186	Mixed-Asset Target Today Funds	-1.51	0.41	0.30	-1.96	-0.34	3.93	3.51	3.12
9,624.4	71	Alternative Event Driven Funds	1.40	0.62	1.05	-0.57	2.94	5.98	4.39	2.23
82,044.7	272	Alternative Global Macro Funds	-3.19	0.58	0.22	-2.77	-2.00	3.92	2.79	1.83
29,079.5	222	Alternative Multi-Strategy Funds	-2.88	0.50	0.27	-2.18	-1.85	1.85	1.21	1.26
42,953.6	446	Mixed-Asset Target 2055+ Funds	-0.45	1.58	1.86	-3.82	2.47	12.31	8.08	7.15
25,761.2	177	Mixed-Asset Target Alloc Agg Gr	-1.08	1.63	1.81	-4.41	1.79	11.94	7.29	6.64
2,504,628.5	5,946	Mixed Asset Funds	-1.14	0.99	1.00	-2.87	0.84	7.66	5.32	4.80
3,295,453.5	4,191	Domestic L-T Fixed Inc Funds	-0.84	-0.02	-0.27	-0.66	-0.51	1.30	2.32	1.99
308,203.1	771	World Income Funds	-4.56	0.26	0.10	-1.28	-3.24	0.60	2.71	0.89

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