

# Sector ETFs - Monthly Rotation

This strategy rotates each month to the two best performing ETFs over the previous year. The strategy is featured in the book, *Exchange Traded Profits: Cashing in on new ETF trading methods*.

## Percentage Returns

<u>Year</u>	<u>Sector Trading</u>	<u>S&amp;P 500 Index</u>
2002	-11.09	-23.37
2003	40.57	26.38
2004	6.31	8.99
2005	33.22	3.00
2006	20.30	13.62
2007	9.04	3.53
2008	-41.16	-38.49
2009	30.49	23.45
2010	12.26	12.78
2011	-28.87	-0.01
2012	26.31	13.41
2013	43.61	29.60
2014	16.67	11.39
2015	-3.71	-0.72
2016	-6.38	9.54
2017	3.36	19.42
2018	-7.54	-6.24
2019	21.73	28.88
2020	19.63	16.26
2021	-4.86	26.89
2022	<u>34.33</u>	<u>-19.44</u>
AROI	7.79	5.92

through 12/31/22

7.8 Round Trip Trades per year. Average holding period of 90 days

## Assumptions

There are many assumptions to our tests. The percentage returns represent a hypothetical back test, instead of actual performance. The back test's returns and other figures have not been audited but are based upon information obtained from public sources believed to be reliable. Since no funds were managed using the strategies during this period, the impact that economic and market factors might have had on the trading cannot be represented. Returns exclude dividends.

The strategies are managed with a view toward capital appreciation with risk levels greater than the S&P 500. In the style index testing, many of the ETFs were not yet available to purchase at the beginning date of the back test. When the ETF wasn't available, the back test used the ETF's benchmark index as a substitute. The back test used price data from the actual ETFs once they became available.

As with any strategy, **past performance does not guarantee future results or that losses will not occur.**

## Individual Trades

<u>Ticker</u>	<u>Sector</u>	<u>Buy Date</u>	<u>Sell Date</u>	<u>% Change</u>	<u>Days Held</u>
IYM	Basic Materials	12/31/01	02/01/02	0.05	32
IYR	Real Estate	12/31/01	03/01/02	3.13	60
ICF	Realty Majors	02/01/02	03/01/02	2.82	28
IYK	Noncyclical	03/01/02	08/30/02	-5.60	182
IYM	Basic Materials	03/01/02	04/01/02	1.65	31
ICF	Realty Majors	04/01/02	08/30/02	-2.33	151
IYM	Basic Materials	08/30/02	10/01/02	-8.86	32
IYR	Real Estate	08/30/02	12/31/02	-7.29	123
ICF	Realty Majors	10/01/02	11/01/02	-3.94	31
IYK	Noncyclical	11/01/02	11/29/02	-3.31	28
ICF	Realty Majors	11/29/02	01/31/03	-3.99	63
IYM	Basic Materials	12/31/02	01/31/03	-5.63	31
EPP	Pacific Ex-Japan	01/31/03	02/28/03	-2.05	28
ITF	Topix 150	01/31/03	02/28/03	1.99	28
ICF	Realty Majors	02/28/03	05/30/03	10.56	91
IYR	Real Estate	02/28/03	05/01/03	5.56	62
IBB	Biotechnology	05/01/03	08/29/03	26.60	120
IGN	Networking	05/30/03	07/01/03	0.00	32
IGV	Software	07/01/03	08/01/03	-0.51	31
IGN	Networking	08/01/03	07/30/04	30.17	364
IGW	Semiconductor	08/29/03	03/01/04	16.64	185
ILF	Latin America	03/01/04	04/01/04	-1.46	31
ITF	Topix 150	04/01/04	06/01/04	-10.26	61
IGW	Semiconductor	06/01/04	07/01/04	-5.69	30
ITF	Topix 150	07/01/04	07/30/04	-5.38	29
ILF	Latin America	07/30/04	09/01/04	4.18	33
IYE	Energy	07/30/04	12/31/04	11.38	154
IGE	Natural Resources	09/01/04	12/01/04	13.40	91
ILF	Latin America	12/01/04	11/01/06	106.89	700
ICF	Realty Majors	12/31/04	02/01/05	-8.48	32
IYE	Energy	02/01/05	04/29/05	4.47	87
EPP	Pacific Ex-Japan	04/29/05	06/01/05	0.02	33
IYE	Energy	06/01/05	12/01/05	17.48	183
IGE	Natural Resources	12/01/05	03/01/06	4.92	90
IGN	Networking	03/01/06	05/01/06	-3.32	61
IGE	Natural Resources	05/01/06	09/29/06	-10.19	151
ICF	Realty Majors	09/29/06	01/03/07	9.43	96
EZU	EMU	11/01/06	12/01/06	4.26	30
ILF	Latin America	12/01/06	02/01/07	11.51	62
EZU	EMU	01/03/07	02/01/07	1.28	29
EPP	Pacific Ex-Japan	02/01/07	03/30/07	5.43	57
IDU	Utilities	03/30/07	06/01/07	4.58	63
ICF	Realty Majors	02/01/07	05/01/07	-7.84	89
EZU	EMU	05/01/07	06/01/07	3.22	31
EPP	Pacific Ex-Japan	06/01/07	08/31/07	0.48	91
ILF	Latin America	06/01/07	07/01/08	23.78	396
IEZ	Oil Equipment & Svs.	08/31/07	11/01/07	4.94	62
EPP	Pacific Ex-Japan	11/01/07	12/31/07	-11.66	60
IEZ	Oil Equipment & Svs.	12/31/07	02/01/08	-12.38	32
IEO	Oil & Gas Expl.	02/01/08	08/01/08	6.72	182

<u>Ticker</u>	<u>Sector</u>	<u>Buy Date</u>	<u>Sell Date</u>	<u>% Change</u>	<u>Days Held</u>
IEZ	Oil Equipment & Svs.	07/01/08	10/01/08	-37.57	92
ILF	Latin America	08/01/08	08/29/08	-4.73	28
IEO	Oil & Gas Expl.	08/29/08	10/01/08	-19.58	33
IBB	Biotechnology	10/01/08	07/01/09	-10.47	273
IYT	Transportation	10/01/08	12/01/08	-30.01	61
IHE	Pharmaceuticals	12/01/08	09/01/09	26.14	274
IHF	Healthcare Providers	07/01/09	07/31/09	6.63	30
EPP	Pacific Ex-Japan	07/31/09	02/01/10	9.36	185
IYW	Technology	09/01/09	10/01/09	3.72	30
ILF	Latin America	10/01/09	04/30/10	14.55	211
IYG	Financial Svs.	02/01/10	03/01/10	1.11	28
IYM	Basic Materials	03/01/10	04/01/10	7.73	31
ICF	Realty Majors	04/01/10	12/01/10	10.86	244
IYR	Real Estate	04/30/10	12/01/10	2.91	215
IEZ	Oil Equipment & Svs.	12/01/10	12/31/10	4.49	30
IGV	Software	12/01/10	12/31/10	3.42	30
ICF	Realty Majors	12/31/10	03/01/11	5.68	60
IYM	Basic Materials	12/31/10	02/01/11	2.52	32
IEZ	Oil Equipment & Svs.	02/01/11	09/30/11	-28.98	241
IYE	Energy	03/01/11	04/01/11	3.19	31
IEO	Oil & Gas Expl.	04/01/11	04/29/11	0.12	28
IYE	Energy	04/29/11	07/01/11	-5.41	63
IHF	Healthcare Providers	07/01/11	08/01/11	-10.46	31
IEO	Oil & Gas Expl.	08/01/11	09/30/11	-28.78	60
IBB	Biotechnology	09/30/11	11/01/11	3.04	32
IHI	Medical Devices	09/30/11	11/01/11	1.06	32
IDU	Utilities	11/01/11	02/01/12	2.72	92
IHE	Pharmaceuticals	11/01/11	05/01/12	21.04	182
IBB	Biotechnology	02/01/12	03/30/12	4.02	58
IYW	Technology	03/30/12	05/01/12	-2.40	32
ITB	Home Construction	05/01/12	07/01/13	43.51	426
IBB	Biotechnology	05/01/12	12/31/12	9.85	244
IYG	Financial Svs.	12/31/12	03/01/13	7.49	60
IBB	Biotechnology	03/01/13	05/31/13	20.01	91
IYG	Financial Svs.	05/31/13	08/01/13	6.66	62
IAI	Broker Dealers	07/01/13	05/01/14	20.46	304
IBB	Biotechnology	08/01/13	04/01/14	20.46	243
ITA	Aerospace & Def.	04/01/14	07/01/14	-1.52	91
IBB	Biotechnology	05/01/14	12/31/14	30.47	244
IHE	Pharmaceuticals	07/01/14	08/01/14	-5.11	31
IYT	Transportation	08/01/14	08/29/14	3.66	28
IYW	Technology	08/29/14	10/01/14	-2.94	33
IHE	Pharmaceuticals	10/01/14	12/31/14	8.80	91
ICF	Realty Majors	12/31/14	02/27/15	3.05	58
IHF	Healthcare Providers	12/31/14	05/01/15	9.16	121
IBB	Biotechnology	02/27/15	10/01/15	-9.63	216
IHE	Pharmaceuticals	05/01/15	06/01/15	3.92	31
IHF	Healthcare Providers	06/01/15	07/31/15	0.84	60
IHE	Pharmaceuticals	07/31/15	09/01/15	-10.10	32

<u>Ticker</u>	<u>Sector</u>	<u>Buy Date</u>	<u>Sell Date</u>	<u>% Change</u>	<u>Days Held</u>
IHF	Healthcare Providers	09/01/15	10/30/15	-3.59	59
IYC	Consumer Services	10/01/15	12/01/15	7.00	61
IBB	Biotechnology	10/30/15	12/01/15	3.29	32
IGV	Software	12/01/15	02/01/16	-10.29	62
ITB	Home Construction	12/01/15	12/31/15	-6.45	30
IGM	Technology	12/31/15	02/01/16	-6.52	32
IDU	Utilities	02/01/16	08/01/16	13.65	182
IYK	Consumer Goods	02/01/16	04/01/16	6.71	60
IGM	Technology	04/01/16	04/29/16	-4.05	28
IHI	Medical Devices	04/29/16	07/01/16	5.97	63
IYZ	Telecommunications	07/01/16	09/01/16	-4.05	62
IHI	Medical Devices	08/01/16	11/01/16	-7.85	92
ILF	Latin America	09/01/16	12/01/16	-4.21	91
IDU	Utilities	11/01/16	12/01/16	-3.93	30
IGE	Natural Resources	12/01/16	12/30/16	0.11	29
IEZ	Oil Equipment & Svs.	12/01/16	02/01/17	2.42	62
IEO	Oil & Gas Expl.	12/30/16	02/01/17	-3.27	33
IAT	Regional Banks	02/01/17	06/01/17	-3.92	120
ILF	Latin America	02/01/17	03/01/17	4.95	28
IAI	Broker Dealers	03/01/17	09/01/17	0.20	184
IYW	Technology	06/01/17	06/30/17	-3.44	29
IAT	Regional Banks	06/30/17	09/01/17	-2.72	63
IGV	Software	09/01/17	09/29/17	-0.65	28
ITA	Aerospace & Def.	09/01/17	11/01/17	5.70	61
IAI	Broker Dealers	09/29/17	11/01/17	0.73	33
IGV	Software	11/01/17	11/01/18	18.98	365
ITB	Home Construction	11/01/17	03/01/18	-3.85	120
IGM	Technology	03/01/18	03/29/18	-1.83	28
ITA	Aerospace & Def.	03/29/18	05/01/18	-4.65	33
IAI	Broker Dealers	05/01/18	06/01/18	1.93	31
IEO	Oil & Gas Expl.	06/01/18	08/31/18	0.22	91
IHF	Healthcare Providers	08/31/18	12/31/18	-16.13	122
IHI	Medical Devices	11/01/18	05/01/19	6.41	181
IDU	Utilities	12/31/18	02/01/19	3.23	32
IGV	Software	02/01/19	05/31/19	6.34	119
ICF	Reits	05/01/19	08/01/19	2.69	92
IDU	Utilities	05/31/19	07/01/19	2.27	31
IHI	Medical Devices	07/01/19	08/30/19	2.75	60
IGV	Software	08/01/19	08/30/19	-2.69	29
ICF	Reits	08/30/19	11/01/19	0.15	63
IDU	Utilities	08/30/19	10/01/19	3.01	32
ITB	Home Construction	10/01/19	04/01/20	-38.01	183
IYW	Technology	11/01/19	04/01/20	-9.20	152
IHF	Healthcare Providers	04/01/20	05/01/20	16.17	30
IYH	Healthcare	04/01/20	05/01/20	15.26	30
IYW	Technology	05/01/20	03/01/21	57.78	304
IBB	Biotechnology	05/01/20	06/01/20	10.93	31
IGV	Software	06/01/20	07/01/20	7.04	30
IBB	Biotechnology	07/01/20	07/31/20	-2.18	30
IGV	Software	07/31/20	03/01/21	23.76	213
IEO	Oil & Gas Expl.	03/01/21	04/01/21	4.62	31
IEZ	Oil Equipment & Svs.	03/01/21	04/30/21	-13.55	60

<u>Ticker</u>	<u>Sector</u>	<u>Buy Date</u>	<u>Sell Date</u>	<u>% Change</u>	<u>Days Held</u>
ITB	Home Construction	04/01/21	04/30/21	5.57	29
IAT	Regional Banks	04/30/21	07/01/21	-2.30	62
IYT	Transportation	04/30/21	06/01/21	2.04	32
IEZ	Oil Equipment & Svs.	06/01/21	07/30/21	-14.03	59
IEO	Oil & Gas Expl.	07/01/21	07/30/21	-13.18	29
IAI	Broker Dealers	07/30/21	10/01/21	2.68	63
IAT	Regional Banks	07/30/21	10/01/21	11.21	63
IEO	Oil & Gas Expl.	10/01/21			
IEZ	Oil Equipment & Svs.	10/01/21	11/01/21	5.23	31
IYE	Energy	11/01/21	12/31/21	-6.11	60
ICF	Reits	12/31/21	02/01/22	-9.20	32
IYE	Energy	02/01/22			