

ETFsectorfundinvesting.com w/alphaplus 1990 thru 2019 performance *

2/9/20

INDEX PERFORMANCE actuals		all data are year end	Select 12 ETF inv. Sector ETFs		INDEXfd inv. Index fund ETFs		alphaplus "OUT" data (s&p 500 / nasd drawdown are from the 40/45 day high prior to the first "OUT" day)				Select 12ETF w/L+S (opt. 1) hypothetical growth of \$10,000. all gains reinvested		INDEXfd inv. w/L+S (opt. 3) hypothetical growth of \$10,000. all gains reinvested		
s&p500	nasdaq		opt.2 LONG only 12sec buys req when less, use 50% spy (x1) 50% qqz (x1)	opt.1 LONG + SHORT is 33% of folio 16% sh (x1), 16% sds (x2)	opt.4 LONG only 50% spy x1, 50% qqz x1 100% folio value	opt.3 LONG + SHORT is 33% of folio 16% sh (x1), 16% sds (x2)	"OUT" DURATION from out to in	INITIAL DECLINE s&p500	INITIAL DECLINE nasdaq	AVOIDED DECLINE s&p500	AVOIDED DECLINE nasdaq	\$ jan,1	\$g/l 12/31	\$ jan,1	\$ g/l 12/31
-9.7%	-3.2%		1981	+0.00%	+0.00%	+0.0%	+0.0%								
+14.8%	+18.7%	1982	+19.44%	+19.44%	+16.8%	+16.8%	9/18/81 - 8/23/82	-13.15%	-13.29%	-15.56%	-21.38%				
+17.3%	+19.9%	1983	+25.29%	+25.29%	+17.8%	+17.8%									
+1.4%	-11.2%	1984	-1.76%	-1.76%	-4.5%	-4.5%									
+26.3%	+31.4%	1985	+29.32%	+29.32%	+25.8%	+25.8%									
+14.6%	+7.3%	1986	+13.05%	+13.05%	+11.2%	+11.2%									
+2.0%	-5.2%	1987	+36.72%	+48.43%	+31.4%	+43.1%	10/6/87-12/14/87	-2.58%	-0.36%	-30.12%	-33.54%				
+12.3%	+15.4%	1988	+12.32%	+12.32%	+14.0%	+14.0%									
+27.2%	+19.2%	1989	+25.92%	+25.92%	+21.5%	+21.5%									
-6.5%	-17.8%	1990	+5.87%	+9.24%	-0.6%	+2.8%	8/6/90-10/19/90	-9.36%	-14.81%	-17.13%	-28.87%				
+26.2%	+56.7%	1991	+55.55%	+55.55%	+35.3%	+35.3%									
+4.5%	+15.4%	1992	+38.63%	+38.63%	+10.0%	+10.0%									
+7.1%	+14.8%	1993	+49.60%	+49.60%	+10.8%	+10.8%									
-1.5%	-3.2%	1994	+9.60%	+9.60%	-1.8%	-1.8%									
+34.1%	+40.4%	1995	+81.22%	+81.22%	+32.1%	+32.1%									
+20.1%	+22.6%	1996	+48.49%	+48.49%	+20.4%	+20.4%									
+31.2%	+21.8%	1997	+67.87%	+67.87%	+25.0%	+25.0%									
+26.5%	+39.4%	1998	+46.72%	+45.62%	+32.0%	+30.9%	8/27/98-10/15/98	-12.15%	-16.28%	-15.27%	-23.50%				
+19.5%	+85.0%	1999	+71.90%	+71.90%	+42.5%	+42.5%									
-10.2%	-38.7%	2000	+30.51%	+36.79%	+13.1%	+19.4%	3/24/00-4/11/01	+0.00%	-1.70%	-23.51%	-63.32%				
-13.0%	-21.1%	2001	+28.51%	+43.15%	+24.3%	+38.9%	6/16/01-10/4/01	-7.64%	-13.86%	-18.32%	-31.68%				
-23.8%	-32.5%	2002	+5.87%	+18.01%	+2.7%	+14.8%	11/16/01-10/15/02	-2.87%	-3.59%	-18.92%	-32.30%				
+26.4%	+50.0%	2003	+47.24%	+47.24%	+34.0%	+34.0%									
+9.0%	+8.6%	2004	+11.82%	+11.82%	+9.5%	+9.5%									
+3.0%	+1.4%	2005	+9.27%	+9.27%	+2.8%	+2.8%									
+13.6%	+9.5%	2006	+22.33%	+22.33%	+11.7%	+11.7%									
+3.5%	+9.8%	2007	+8.26%	+8.56%	+5.2%	+5.5%	11/12/07-3/25/08	-8.05%	-9.62%	-45.77%	-49.29%				
-38.5%	-40.5%	2008	+13.44%	+38.12%	+11.0%	+35.7%	4/28/08-11/25/08	-8.05%	-9.62%	-45.77%	-49.29%				
+23.5%	+43.9%	2009	+70.56%	+78.99%	+42.1%	+50.5%	12/31/08-3/17/09	-2.20%	-2.94%	-20.69%	-14.87%				
+12.8%	+16.9%	2010	+25.64%	+29.45%	+18.8%	+22.6%	5/7/10-7/8/10	-8.74%	-10.45%	-12.90%	-14.65%				
-0.0%	-1.8%	2011	-8.50%	-8.69%	+0.7%	+0.5%	8/4/11-10/10/11	-17.27%	-17.93%	-14.61%	-13.69%				
+13.4%	+15.9%	2012	+20.92%	+20.92%	+14.6%	+14.6%									
+29.6%	+38.3%	2013	+43.09%	+43.09%	+29.9%	+29.9%									
+11.4%	+13.4%	2014	+16.35%	+16.35%	+12.5%	+12.5%									
-0.7%	+5.7%	2015	-6.57%	-10.68%	-1.9%	-6.0%									
+9.5%	+7.5%	2016	+26.10%	+29.02%	+16.8%	+19.7%	8/21/15 - 2/17/16	-7.40%	-9.83%	-1.27%	-2.49%				
+19.4%	+28.2%	2017	+30.07%	+30.07%	+21.7%	+21.7%									
-6.2%	-3.9%	2018	-5.92%	-6.80%	-3.6%	-4.5%	12/19/18-01/10/19	-6.40%	-11.50%	**see explanation					
+28.9%	+35.2%	2019	+27.63%	+25.86%	+24.3%	+22.6%	sum	-89.3%	-120.3%	-203.31%	-290.39%				
+9.1%	+14.0%	30y.av	+29.7%	+32.0%	+16.5%	+18.8%									

An investment program can create a future lifestyle that eliminates the lack of money issues that burden people throughout their lives. Successful investors spend portions of their gains as they grow and enjoy many lifestyle changes. Our 'hypothetical' growth is only a visual of results if gains were to be left in place to compound and accumulate.

10,000	5,555	10,000	3,529
15,555	6,009	13,529	1,356
21,564	10,696	14,885	1,609
32,260	3,096	16,494	-301
35,356	28,716	16,193	5,196
64,072	31,071	21,388	4,365
95,143	64,574	25,754	6,441
159,718	72,859	32,195	9,960
232,577	167,222	42,155	17,934
399,798	147,089	60,088	11,838
546,887	235,980	71,726	27,898
782,866	140,967	99,625	14,770
923,833	436,373	114,395	38,844
1,360,206	160,731	153,239	14,488
1,520,937	140,955	167,728	4,720
1,661,892	371,057	172,447	20,145
2,032,949	174,057	192,593	10,555
2,207,006	841,356	203,147	72,472
3,048,362	2,408,037	275,619	139,188
5,456,399	1,606,942	414,808	93,854
7,063,341	-614,001	508,662	2,337
6,449,339	1,348,890	510,999	74,803
7,798,230	3,360,537	585,802	175,045
11,158,767	1,824,817	760,847	95,139
12,983,584	-1,386,887	855,986	-51,614
11,596,697	3,365,430	804,372	158,235
14,962,128	4,498,834	962,607	208,526
19,460,961	-1,323,811	1,171,133	-52,497
18,137,150	4,690,403	1,118,635	252,425

* The s&p and nasdaq yr.end data are the percent change in price from the first day to the last of each year, based on the alphaplus system calls. The Select 12 ETF and INDEXfd data are the percentages gain or loss for each year. From the price paid when purchased to the price at the end of year (some "buys" were made at lower or higher prices in a previous years that may have continued through multiple years). This chart provides actual percentage ytd gain or loss data to enable relative comparisons.

** On Dec. 19, 2018 the system made an "OUT" call based on greater negative continuous volatility than seen in the previous 35 years. By late Apr. 2019, while still "OUT", a change to a number of algorithms were made that produced a "IN" signal that went back to Jan. 10, 2019. Being 4 months late and after the fact and fearful of a whipsaw event, those changes were not put into effect. We now concede that choice as an error and the % gains in columns G thru K for 2019 although shown, were not achieved. The numbers for 2019 can only be viewed now as added system robustness for future major market swings.

The nature of the alphaplus system requires continuity of its formulas/algorithms through the complete range of its history. Consequently, the numbers shown are always the result of the latest configuration of alphaplus. The system improvement of Apr. of 2019 resulted in only a few very minor changes to previous years.