



# Selections & Timing Vanguard Fund Family

PO Box 3367 Bella Vista AR 72715

Striving to provide you with the most return and the least risk.

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This the inaugural issue of Selections & Timing Vanguard Fund Family.

We track about 50 Vanguard funds. We rank them monthly by C, the risk-adjusted relative strength metric. After at least a

three-month hold, we stay with the leaders and avoid the laggards. This is a proactive rotational allocation strategy.

Please keep reading the pages for more information. If you have any questions, please email-

Info@SelectionsAndTiming.com

Thank you.

VANGUARD, selected & timed (3-month hold at least), style and asset allocated (stock, bond, balanced, cash)						
Past Activity	Activity	Fund	Action Price	Number of Shares	Action Value	
1-Sep	buy	VFSTX	10.63	3,104.4210	33,000	
1-Sep	buy	VFIIX	10.70	3,084.1120	33,000	
1-Oct	buy	VFITX	11.44	2,884.6150	33,000	
assumed on 9/1/15 so as to align C track						

Fund	Fund Style	Symbol	Ending NAV	Number of Shares	Current Value	Percent of Total
ST Invst		VFSTX	10.64	3,104.4210	33,031	33%
GNMA		VFIIX	10.70	3,084.1120	33,000	33%
IT Trsry		VFITX	11.46	2,884.6150	33,058	33%
Cash	Money Market		1.00	1,000.0000	1,000	1%
Total Valuation=					100,089	100%

UPDATE: There are no past or expected in November changes to this portfolio.

	YTD	12 m	9 m	6 m	3 m	1 m
Vanguard Portfolio					0.09	0.09
World Hybrid Index					-1.47	5.39

Of the two tables above, the top table shows the Vanguard Funds Portfolio. The lower table above shows the Vanguard Portfolio compared with the World Hybrid Index.

To begin the portfolio, I have assumed an initial starting date of 6/30/15. Thereafter I assumed three initial buys on 10/1/15 based on the C ranks at 9/31/15. This was to provide continuity to the back

test selections. The three highest funds at that time were VFSTX, VFIIX, and VFITX. These three positions will be held for at least three months. After three months, we may either continue to hold the leaders or sell the laggards to buy the new leaders, depending on the C ranks.

# Vanguard Fund Family by C

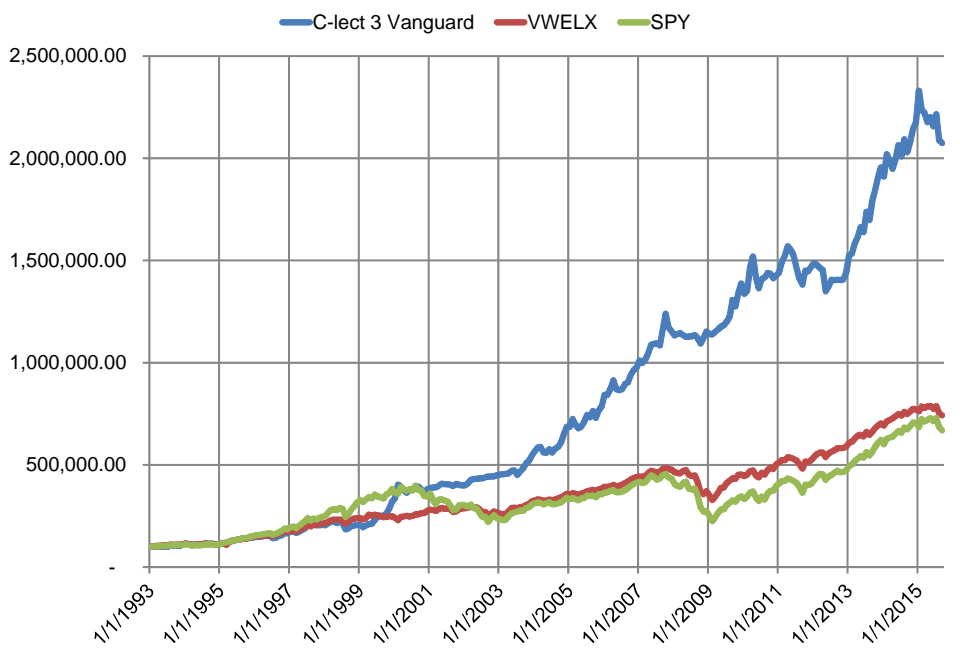
## VANGUARD FUND FAMILY by C

ETF Altrntv	Sell Eligible	Legend	Fund Name	Symbol	S	A	12m	9m	6m	3m	1m	NAV	V	CS	C	Fmly Rank
VUG		F S T	Vanguard Morgan Growth	VMRGX	ELC	E	10.4	9.8	3.6	-0.9	8.4	27.42	3.1	23.9	7.8	*****
MGK		F S T	Vanguard US Growth	VWUSX	ELC	E	10.7	9.6	3.5	-2.0	7.9	32.32	3.1	22.2	7.1	*****
VIG		F S T	Vanguard Div Grth	VDIGX	ELC	E	6.1	6.2	2.5	0.5	7.6	23.28	2.7	15.5	5.8	*****
MGK		F S T	Vanguard Index Grth	VIGRX	ELC	E	7.6	7.2	2.2	-0.8	8.9	56.24	3.1	17.6	5.6	****
VYM		F S T	Vanguard Grwth & Incm	VQNPX	EGI	E	5.9	5.9	1.6	-0.4	8.0	42.73	2.8	13.6	4.8	****
MGK		F S T	Vanguard PRIMECAP	VPMCX	ELC	E	5.7	4.3	0.7	0.4	8.8	105.56	2.7	12.4	4.5	****
VOO		F S T	Vanguard 500 Index	VFINX	ELC	E	5.1	5.8	0.7	-0.7	8.4	192.06	3.0	11.9	4.0	****
VYM		F S T	Vanguard Equity Income	VEIPX	EGI	E	3.8	5.0	0.1	0.8	8.1	31.12	2.8	10.3	3.7	****
NotAvl		F S T	Vanguard Wellesley Incm	VWINX	H	H	3.3	1.5	0.3	-0.7	3.4	25.55	1.1	2.3	2.1	****
MGK		F S T	Vanguard Cap Opprtn	VHCOX	ELC	E	6.0	3.1	-0.5	-2.4	7.2	53.86	2.9	5.9	2.0	****
VWO		F S T	Vanguard Intl Explorer	VINEX	EW	E	5.7	8.0	-2.8	-3.7	4.6	17.76	2.4	4.2	1.8	****
VYM		F S T	Vanguard High Yld Dividend	VHDYX	EV	E	1.9	3.2	-1.4	-0.1	8.4	26.89	2.9	4.5	1.5	****
VTV		F S T	Vanguard US Value	VUVLX	EV	E	3.1	3.0	-0.6	-1.2	6.8	17.60	2.5	3.7	1.5	****
NotAvl		F S T C	Vanguard Wellington	VWELX	H	H	3.0	2.8	-0.5	-0.7	5.4	38.97	2.0	2.6	1.3	****
MGV		F S T	Vanguard Value Index	VIVAX	EV	E	2.3	3.8	-1.4	-1.2	7.6	32.24	2.8	3.6	1.3	***
NotAvl		F S T	Vanguard Balanced	VBINX	H	H	3.3	2.4	-0.2	-0.7	4.6	29.74	1.7	1.9	1.1	***
VNQ		F S T	Vanguard REIT	VGSIX	ERE	E	5.1	-5.3	2.6	2.2	5.8	26.54	4.4	2.9	0.7	***
MGV		F S T	Vanguard Windsor II	VWNFX	ELC	E	1.6	3.6	-2.0	-2.4	7.4	36.73	2.9	0.8	0.3	***
VO		F S T	Vanguard MidCap Index	VIMSX	EMC	E	4.1	3.0	-2.7	-3.1	6.0	33.76	2.8	-0.2	-0.1	***
VGSH		F S T	Vanguard ST Federal	VSGBX	BS	B	0.9	0.3	0.3	0.2	-0.3	10.79	0.2	-6.0	-0.1	***
VGSH		F S T	Vanguard ST Trsry	VFISX	BS	B	0.8	0.3	0.3	0.1	-0.2	10.73	0.2	-6.2	-0.1	***
BSV	12/1/2015	F S T	Vanguard ST InvstGrd	VFSTX	BS	B	1.0	0.4	0.0	0.2	-0.1	10.64	0.3	-6.0	-0.2	***
VMBS	12/1/2015	F S T	Vanguard GNMA	VFIIH	BU	B	1.6	0.1	-0.1	0.3	-0.3	10.70	0.5	-5.8	-0.3	***
BIV		F S T	Vanguard IT InvstGrd	VFICX	BI	B	2.2	-0.7	-0.3	0.6	0.1	9.78	0.8	-5.5	-0.4	***
VGIT	1/1/2016	F S T	Vanguard IT Trsry	VFITX	BI	B	2.6	-0.6	0.5	0.5	-0.6	11.46	0.8	-5.0	-0.4	***
NotAvl		F S T	Vanguard Star	VGSTX	H	H	2.0	1.7	-2.1	-1.7	5.0	24.76	1.9	-2.5	-0.5	***
VO		F S T	Vanguard Strtg Eqty	VSEQX	EMC	E	4.2	1.9	-2.6	-3.5	5.5	32.53	2.8	-1.9	-0.5	***
BND		F S T	Vanguard TTL Bond Index	VBMFX	BI	B	1.4	-1.5	-0.5	0.2	-0.2	10.76	0.7	-8.1	-0.6	***
VT		F S T	Vanguard Global Eqty	VHGEX	EW	E	1.2	2.7	-3.5	-2.6	6.9	24.42	2.6	-2.7	-0.7	***
VOE		F S T	Vanguard Slctd Value	VASVX	EV	E	0.9	2.5	-3.2	-1.9	6.6	28.15	2.8	-2.6	-0.7	***
NotAvl		F S T	Vanguard High Yld Corp	VWEHX	BH	B	0.4	0.7	-1.6	-0.8	2.3	5.80	1.2	-6.3	-0.7	***
MGV		F S T	Vanguard Windsor	VWNDX	ELC	E	1.8	3.2	-3.7	-3.7	7.1	21.06	3.0	-2.8	-0.8	***
VTIP		F S T	Vanguard FI TIP	VIPSX	BS	B	-1.3	-3.7	-2.6	-1.1	0.2	13.08	1.0	-16.0	-1.6	***
NotAvl		F S T C	Vanguard Convertible Securities	VCVSX	EGI	E	0.3	1.4	-4.8	-3.5	2.7	12.67	1.6	-11.3	-1.8	***
VB		F S T	Vanguard SmlCap Index	NAESX	ESC	E	0.9	0.8	-4.2	-5.0	5.7	54.67	3.1	-9.2	-2.9	**
VXF		F S T	Vanguard Extended Mrkt Index	VEXMX	EMC	E	1.1	0.8	-4.6	-5.5	5.6	65.39	3.1	-10.0	-3.1	**
BLV		F S T	Vanguard LT InvstGrd	VWESX	BI	B	1.4	-7.1	-2.4	0.6	0.6	10.17	2.3	-14.3	-3.2	**
NotAvl		F S T	Vanguard Intl Growth	VWIGX	EW	E	-2.0	1.1	-7.8	-3.9	9.2	21.83	3.2	-10.8	-3.5	**
VGLT		F S T	Vanguard LT Trsry	VUSTX	BL	B	5.1	-8.8	-1.4	0.5	-0.7	12.61	3.1	-12.8	-4.0	**
VGK		F S T	Vanguard European Index	VEURX	EW	E	-0.8	1.3	-6.0	-5.4	6.1	27.98	3.3	-12.3	-4.1	**
VXUS		F S T	Vanguard Intl Equity	VFSVX	EW	E	-2.3	1.4	-8.0	-3.5	4.9	36.27	3.0	-15.0	-4.4	**
NotAvl		F S T	Vanguard Pacific Index	VPACX	EW	E	-3.1	1.0	-8.4	-4.8	7.5	10.99	3.2	-15.1	-4.8	**
VBK		F S T	Vanguard SmlCap Grwth	VISGX	ESC	E	0.0	-0.7	-5.3	-8.1	4.6	34.68	3.1	-16.9	-5.2	**
VBK		F S T	Vanguard Explorer	VEXPX	ESC	E	-0.6	0.4	-6.9	-7.9	5.1	90.55	3.3	-17.3	-5.8	**
NotAvl		F S T	Vanguard Intl Value	VTRIX	EW	E	-7.4	-1.2	-10.4	-7.1	7.2	33.22	3.2	-26.4	-8.4	**
VOE		F S T	Vanguard Cap Value	VCVLX	EV	E	-8.0	-4.5	-14.7	-7.7	8.6	12.43	3.8	-33.7	-12.7	*
VWO		F S T	Vanguard Emrg Mrkt	VEIEX	EW	E	-15.7	-11.0	-18.6	-7.4	5.6	22.16	4.3	-54.6	-23.2	*
NotAvl		F S T	Vanguard Prc Mtls	VGPMX	EG	E	-17.1	-24.6	-25.2	-1.7	5.5	7.11	6.3	-70.5	-44.4	*

This table shows the Vanguard funds we track and their Vanguard ETF counterparts (column 1). The green highlight in column 2 (Sell Eligible) means these 35 funds were part of the back test. For the most part, those will also be the funds in the portfolio, even if there are higher ranked funds. The reason for this is to provide continuity. The results of the back test are shown on page 3. The Sell Eligible column 2 also shows the three funds in the portfolio and their eligible sell date. For Vanguard, we assume at least a three-month holding period to avoid redemption charges. Please see page 4 for more legend details.

# Back Test Results

**How C-lect May Work For You**



TRAILING RETURNS	to year end 2014
1 year	11.2
3 years	14.0
5 years	9.4
10 years	12.2
15 years	13.6
20 years	16.0
Inception	14.7

PAST PERFORMANCE	
2014	11.2
2013	36.0
2012	(2.2)
2011	3.1
2010	2.8
2009	20.4
2008	(0.1)
2007	18.3
2006	24.2
2005	14.2
2004	25.7
2003	21.5
2002	12.6
2001	4.9
2000	18.8
1999	55.1
1998	(0.2)
1997	25.8
1996	14.5
1995	28.2
1994	2.5
1993	10.9
1992	(1.0)
1991	22.4

The chart and tables show the back tested results of buying the top three Fidelity Family funds as measured by C, holding for at least 90 days, and rotating out of the laggards into the leaders on an ongoing continuous basis. On the chart, C-lect 3 Fidelity is the blue line following a rotation strategy, VWELX (Vanguard Wellington), a balanced fund, is the red line following a buy and hold approach, and SPY (S&P 500), a domestic large cap ETF, is the green line following a buy and hold approach. The period is from 1/1/1993 through 9/30/2015. Account start values were \$100,000. No additions or subtractions were made thereafter.

While buying and selling based on C, the risk-adjusted relative performance metric, over the years and decades in the back test produced superior results, in any one year the C ranking may or may not outperform the markets. This may be due to increased market volatility in that year.

For the test, one fund's sell and buy rebalanced all funds held, though in real time, one sell buys one fund for the same dollar amount would be practiced.

The same funds were used for the whole back test.

Dividends are reinvested.

Taxes are not considered.

Information does not take into account your personal situation.

Past performance does not guarantee future performance. There is no assurance that future periods will be equivalent or similar to past periods. In a back test, there is no guarantee that actual trades could actually be made at the actual prices. All investments have risk; you may lose principle when investing. There are no guarantees. Read the fund's prospectus.

# Legend

ETF Altrntv	Sell Eligible	Legend	Fund Name	Symbol	S	A	12m	9m	6m	3m	1m	NAV	V	CS	C	Fmly Rank
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This information below identifies the column headings shown above, which are also on page 2.

**ETF Altrntv** is the Vanguard ETF alternative to its mutual fund.

**Sell Eligible** is the earliest date from purchase that the fund may be sold. For Vanguard, it is three months. If there is a green highlight, it means the fund was part of the back test. If there is a date, it means the portfolio owns the fund and it is the earliest date the fund may be sold, assuming a minimum of a three-month hold.

**Legend** shows fund specific information. It is a short list of where the fund is available for purchase (F is Fidelity, S is Schwab, T is TD Ameritrade). C means the fund is closed. R means there is a short-term redemption fee.

**Fund Name** is the fund name.

**Symbol** is the fund ticker symbol. This is the official identification.

**S** is Style. The first letter is for the A, the next letter or two is the style. BS is bond short-term. BI is bond intermediate. BL is bond long. BH is bond high-yield. BW is bond world. BU is bond government. EG is equity gold. EGI is equity growth/income. ELC is large cap. EMC is mid cap. ESC is small cap. EV is value. EW is world. H is hybrid. A is Asset. B is bond. H is hybrid. E is equity.

12m, 9m, 6m, 3m, 1m is a fund's returns over those periods. Dividends are reinvested.

**NAV** is net asset value.

**V** is volatility, a measure of risk.

**CS** is comet strength, a measure of relative performance to an index. The index is 60% of the World Growth Index and 40% of the World Income Index.

**C** is comet, the risk-adjusted relative performance metric. The higher the C is the better.

**Fmly Rank** is family rank. This shows where the fund ranks by C within the fund family. This is either 5, 4, 3, 2, or 1 comets. 5 is the highest ranked by C.

World Growth Index (WGI) is made up of 20% EEM, EFA, IWM, QQQ, SPY.

World Income Index (WII) is made up of 20% PCY, BSV, TLH, LQD, JNK.

World Hybrid Index is made up of 60% WGI and 40% WII.

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