# **Global Growth Momentum Takes Hold** The Outlook for 2018

Looking back at 2017, we see an extremely successful year for Moneyletter subscribers. The US economy was able to shake off some of the sluggishness that marked 2016 and build momentum that continues as we head into the New Year. Equity markets—especially in the US, India, and Japan—paid investors handsomely for that economic growth.

2018 looks to be a year when the US economy shows that its ready to operate at a 2.5 - 3.0 percent level, rather than the 1.5 - 2.0 percent level to which we have been accustomed. Accordingly, stock market gains should continue, but not at the pace we observed in 2017. You should set your expectations at a more moderate 7-10% range for the S&P 500, rather than the 19.4% (dividends excluded) we experienced last year. In addition, we are overdue for some type of market pull-back in the coming year (probably as a result of geopolitical unrest), but a quick recovery should follow any such occurrence.

Overseas, in Europe the removal of monetary accommodation will be very slow to develop, allowing a counterbalance to political headwinds. China will do what it must to mitigate the effects of the deleveraging of their economy. And emerging markets should continue to benefit, as they did last year, from the global economic growth trend.

#### Peek in the rear view mirror

Anxious to see how we did at this time last year, we reviewed the 2017 Outlook Issue. We're glad to report that our vision for the coming year was right on target. We expected a rise in Gross Domestic Product (GDP) on the strength of inventory investment and increased energysector capital spending. Both have occurred and with oil now trading at a 2.5-year high, that trend should take root.

We also heavily emphasized the economic and market push due to the (presumably business-friendly) incoming administration. "Corporate tax policy and additional probusiness legislation should boost the mood and outlook." While much of the effect turned out to be anticipatory, the numbers speak for themselves: GDP has averaged more than 3% since March and the S&P 500 is up about 27% since the November, 2016 election.

Regarding the Fed, we viewed an accelerated pace of rate increases as likely. For 2017 we predicted three interest rate hikes, compared to one in each of the previous two years. The Fed indeed raised rates by 25 basis points in March, June, and December. This was the consensus view.

Geopolitical risks poked at world markets during the last 12 months, but didn't do any serious damage. Brexit and North Korea were in the news periodically, but there were no lasting market-moving incidents. China's deleveraging continued, but stable—if slightly slower—growth

and well-publicized attention from President Xi Jinping at the 19th Communist Party Congress provided comfort to China's neighbors and trading partners.

We concluded our outlook article saying, "2017 is lining up to be a good year for equity investors." One look at our World Markets table and model portfolio returns validates that forecast.

#### The 2018 economy

Since the first quarter of 2017, the economy has accelerated to a rate even slightly above what we believe to be the "new normal." Even if the 4th Quarter comes in slightly below the last two quarters (projections are widely scattered), the newly gained momentum should carry into the New Year. Expect about 2.7% for 2018 as a whole, which compares favorably to 2.4% in 2017 and 1.5% in 2016.

Strong fundamentals support this outlook. Improving household finances and corresponding consumer confidence will lead the way:

- 1. Incremental improvement in the labor market—especially in quality of jobs-will continue.
- 2. Increasing prices for housing and financial assets will add to the ongoing "wealth effect" and buoy consumer confidence.
- 3. Inflation will remain muted, maintaining consumer buying power.

#### **Economic Snapshot Date** Report **Current Expected Prior** 12/14 Retail Sales (Nov) 0.8% 0.3% 0.5% 5.52M 12/20 Existing Homes (Nov) 5.81M 5.50M 12/22 Durable Goods (Nov) 2.0% 1.3% -0.4% 12/22 New Homes (Nov) 733k 654k 624k 12/27 Consumer Conf (Dec) 122.1 128.1 129.5 ISM Manufacturing (Dec) 59.7 58.2 58.2

Notes: Retail sales increased for November, and were adjusted up for October. Existing home sales are the strongest in 11 years. New home sales surged and continue to be at their highest level since October 2007. Durable goods rebounded after a temporary decline in October; shipping data indicates the healthy trend will continue. Consumer Confidence dipped from a 17-year high. The December ISM report capped the strongest year for manufacturing since 2004.

Fiscal policy should do its part. The recently-passed tax cut is projected to add about 0.3% per year to GDP over the next two years. Also on the horizon is another campaign promise: an infrastructure spending bill. But first on the docket for Congress and the president is a budget bill to put an end to the annoying string of stop-gap resolutions.

Headwinds are visible. Interest rates are clearly on the rise, and although they are climbing slowly, higher rates

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are typically not friendly to stock and bond prices. The US dollar has declined more than 10% vs. the euro over the last year, helping our global competitiveness.

If the US economy continues to perform as well as we expect, there's a good chance the dollar will reverse course. While both of these factors are worthy of our attention, overall we find the growth momentum story more compelling. We fully expect the US economy to overcome any resistance from higher rates and/or a stronger dollar in 2018.

#### The 2018 Fed

We expect more of the same under the new Fed leadership. Chair Jerome Powell should steer the Fed to three more 25 basis point hikes in 2018, given the economic outlook. Those would likely come in March, September, and December.

If the pattern does veer from the one we saw in 2017 under current Chair Janet Yellen, it will probably be to a more aggressive stance. Although puzzling low inflation all around the developed world should continue, with the upbeat growth outlook there will be some worry about overheating. Aggressive tightening will only be a risk in the US, as Europe and Japan are unlikely to follow the Fed into a tightening mode until at least 2019.

#### Overseas markets in 2018

In Europe, 2017 GDP growth was 2.4%, the best since 2007. We expect economic growth to flatten and remain about the same for the coming year. There is a healthy balance of factors that should support sustained activity: an improving employment picture, a competitive euro, and continued European Central Bank (ECB) support. Possible trouble spots include "hard Brexit," political uncertainty (especially Spain, but also in Germany and elsewhere), and non-performing loan situations, notably in Italy and Spain.

World Markets: 2017 Returns						
Index	December	YTD 12/31				
Brazil - Ibovespa	6.2%	26.9%				
China - Shanghai Comp	-0.3	6.6				
Europe – Euro STOXX 50	-1.8	6.5				
India - S&P BSE SENSEX	2.7	27.9				
Japan – Nikkei 225	0.2	19.1				
Mexico – Bolsa IPC	4.8	8.1				
U.S. – S&P 500	1.0	19.4				
Indexes do not include dividen	ds.					

Japan enjoyed above-trend economic growth of approximately 1.8% in 2017 and the Japanese equity markets rewarded investors for that improvement. Much like Europe, we expect those gains to level off. Slowing in China—a key trade partner—and the removal of monetary stimulus will serve to contain economic activity. A relatively weak yen (based on a wide interest rate differential), a steady consumer, and capital spending related to the 2020 Olympics should help the cause.

Speaking of China, in the past year the government provided stimulus to help mute the effects of deleveraging. Many of the problems still haunt the world's second largest economy: a housing glut, huge debt overhang, and excess

industrial capacity. China's intermediate-term goal is to extract itself from these troubles, in part, by transitioning its economy toward more service industries.

President Xi Jinping will do all he can to avoid a financial crisis, and the deleveraging policy will undoubtedly slow Chinese economic growth. Xi will likely remove growth-supporting stimulus as we move forward, and China's GDP is expected to drop from 6.8% in 2017 to 6.5% in 2018.

#### **Geopolitics**

The most likely cause of stock market volatility or a correction is geopolitical turmoil. As Claude Rains' Captain Renault said in Casablanca, "Let's round up the usual suspects." North Korea still, in our view, represents the least likely but most dangerous scenario. Brexit is getting messy, but it doesn't carry the same weight it did a year and a half ago.

There is always the risk of an oil shock, especially now that anti-government protesters in Iran threaten disruption from OPEC's third largest producer. But ongoing production agreements between OPEC nations and increased US production should mitigate any event. China looms (see above), but President Xi is not going to allow serious damage to growth. A relatively new theme is the potential for a trade war: Frictions are high, but a significant event beyond a bi-lateral squabble seems doubtful.

#### Maintain your allocations

We recommend you continue to hold your positions at this time. 2017 was great to MONEYLETTER investors on a risk-reward basis. Although 2018 will not be as strong, it will still be positive. Don't chase last year's returns...we must remember not to be greedy.

With regard to our equity positions, we will look for adjustments through fund selection. Fixed income investments will focus on floating-rate funds and total return strategies.

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## The Investment Committee

#### Walter S. Frank, Chief Investment Officer

Walter has directed *Moneyletter*'s investment policy for three decades. He has served as consultant to the House Banking and Currency committee and as contributing editor to The Economist. Walter has been quoted in The Wall Street Journal, USA Today, Barron's, The New York Times, and other publications. He is a graduate of Harvard and Oxford Universities, and is a Rhodes Scholar.

#### Brian W. Kelly, Publisher

Brian has enjoyed a long career in financial publishing and is responsible for all aspects of Moneyletter's operations. He has been a member of The Investment Committee, working closely with Walter Frank, since 1986. Brian is a graduate of the College of the Holy Cross.

#### Cynthia Andrade, Contributing Editor

Cyndi has been a financial writer and editor since 1980. She has written freelance pieces for firms such as Fidelity Investments, Institute for International Research, State Street Research, and Lipper Inc. Cyndi is a Chartered Financial Analyst and has a degree in Finance/Quantitative Methods from Babson College.

**Bond 10%** 

Specialty 20%

#### **Trades**

Hotline 12/27	Sold	Bought
MONEYLETTER Conservative	Baron Asset Retail	Akre Focus Retail
	BARAX	AKREX
	637 shares @ \$68.53	1,343 shares @ \$32.49

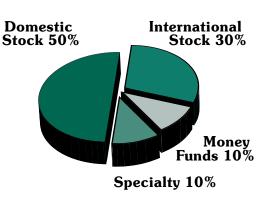
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	Fund Name	Ticker Symbol	Purchase Date	Share	s <i>NAV</i>	Value	Portfolio Percent	
	Schwab Investor MF	SWRXX		48,582	\$1.00	\$48,582	18%	0.1%
	Akre Focus Retail	AKREX	12/28/17	1,343	32.41	43,523	16%	-0.4%
ij	Parnassus Endeavor	PARWX	09/22/16	1,258	37.18	46,764	17%	-1.3%
-	PRIMECAP Odyssey Growth	POGRX	05/25/17	694	37.25	25,838	9%	0.4%
	Oakmark International Inv	OAKIX	10/05/17	991	28.57	28,310	10%	1.9%
MONEVI ETTED	SPDR DoubleLine Total Return Tactica	d TOTL	11/03/16	472	48.64	22,945	8%	0.2%
3	Berwyn Income	BERIX	12/13/13	1,739	13.42	23,344		0.6%
	Fidelity Balanced	FBALX	04/24/08	1,487	23.73	35,277	13%	0.6%
						\$274,583		0.0%
	2017 YTD Performance (as of 12/31/1	7): 11.5%						
	2007: 2.6% 2008: -29.7% 2009: 23.3%	2010: 14.5%	2011: 0.1%	2012: 7.9%	2013: 20.2%	2014: 3.9%	2015: 1.0%	2016: 3.0%
	Fidelity Cash Reserves	FDRXX	_	38,478	\$1.00	\$38,478	17%	0.1%
	Fidelity Blue Chip Growth	FBGRX	05/11/17	251	87.76	21,999		0.8%
•	Fidelity Contrafund	FCNTX	10/01/15	242	122.47	29,632	13%	0.3%
	Fidelity Focused Stock	FTQGX	11/02/17	1,195	22.65	27,069	12%	0.2%
Fidelity	Fidelity Growth Discovery	FDSVX	06/08/17	677	32.56	22,031	10%	0.0%
	Fidelity Int'l Small Cap	FISMX	06/11/15	789	29.90	23,591		2.8%
Ö	Fidelity Total Bond	FTBFX	11/03/16	1,843	10.64	19,612		0.4%
Ĭ,		FPURX	12/13/13	997	23.42	23,340		0.9%
	Fidelity Balanced	FBALX	11/27/02	956	23.73	22,689	10%	0.6%
1	TOTAL (as of 12/31/17)					\$228,441		0.6%
	2017 YTD Performance (as of 12/31/1							
	2007: 13.3% 2008: -28.8% 2009: 24.6%		2011:-1.3%					
	Vanguard Prime MMF/Inv	VMMXX	_	38,095	\$1.00	\$38,095		0.1%
	Vanguard Extended Market Index Inv		08/11/16	305	84.80	25,843		0.5%
	Vanguard Windsor	VWNDX	03/16/17	1,344	23.42	31,469		0.9%
Vanauard	Vanguard U.S. Growth Inv	VWUSX	06/22/17	453	38.13	17,284		0.5%
Ō	Vanguard Morgan Growth Inv	VMRGX	06/12/17	1,054	29.26	30,838		0.6%
2	Vanguard International Growth Inv	VWIGX	09/28/17	612	30.04	18,380		1.0%
ŭ	Vanguard S-T Investment Grade	VFSTX	12/13/13	1,383	10.63	14,696		0.0%
Q	Vanguard Wellington	VWELX	12/13/13	461	42.03	19,373		1.3%
	variguaru balariceu iriuex	VBINX	11/27/02	790	34.72	27,436		0.8%
ı	TOTAL (as of 12/31/17)	7), 10 70/				\$223,414		0.6%
	<b>2017 YTD Performance (as of 12/31/1</b> 2007: 9.1% 2008: -23.2% 2009: 15.8%	7): 12.7% 2010:13.8%	2011:1.3%	2012: 6.4%	2013: 18.0%	2014: 5.7%	2015: 0.4%	2016: 5.3%

No trades this month.

#### Total Returns—December 31, 2017 1-mo 6-mo **YTD** 1-yr 3-yr S&P 500 1.1% 11.4% 21.8% 36.4% 21.8% Asset Allocation 0.7 8.0 17.2 20.6 17.2 Funds (Avg) 1,409 Funds

	Fund Name	Ticker Symbol	Purchase Date	Shares	NAV	Value	Portfolio Percent	Monthly Return
	Schwab Investor MMF	SWRXX		58,365	\$1.00	\$58,365	19%	0.1%
	Parnassus Endeavor	PARWX	09/22/16	1,407	37.18	52,322	17%	-1.3%
ER	Fidelity OTC Portfolio	FOCPX	05/25/17	450	109.85	49,467		0.6%
	Baron Partners Retail	BPTRX	06/01/17	615	48.75	29,988		-1.2%
7	AmerCent Emerging Markets	TWMIX	08/16/17	2,840	12.33	35,011		2.8%
Ę	iShares MSCI Eurozone	EZU	06/08/17	725	43.37	31,460		-0.3%
MONEYLETTER	SPDR DoubleLine Total Return Tactical		11/03/16	551	48.64	26,778		0.2%
2	Fidelity Floating Rate High Inc	FFRHX	07/15/10	3,288	9.62	31,629	10%	0.4%
2	TOTAL (as of 12/31/17)					\$315,020		0.1%
	2017 YTD Performance (as of 12/31/17	'): 9.3%						
l_	2007:23.2% 2008:-35.7% 2009:30.2%	2010:19.4%	2011:-5.8%	2012:10.0%	2013:21.8%	2014: 4.1%	2015: -1.2%	2016: 2.6%
ш	Fidelity Cash Reserves	FDRXX	_	56,342	\$1.00	\$56,342	17%	0.1%
	Fidelity Contrafund	FCNTX	10/01/15	469	122.47	57,446		0.3%
	Fidelity Blue Chip Growth	FBGRX	05/11/17	590	87.76	51,816		0.8%
_	Fidelity Growth Discovery	FDSVX	05/25/17	1,146	32.56	37,326		0.0%
Fidelity	Fidelity Int'l Small Cap	FISMX	06/11/15	1,180	29.90	35,281	11%	2.8%
<u>O</u>	Fidelity Europe	FIEUX	06/08/17	780	42.33	32,999	10%	1.3%
S	Fidelity Total Bond	FTBFX	11/03/16	2,830	10.64	30,112	9%	0.4%
_	Fidelity Floating Rate High Inc	FFRHX	07/15/10	3,315	9.62	31,890		0.4%
	TOTAL (as of 12/31/17)					\$333,212		0.7%
	2017 YTD Performance (as of 12/31/17	'): 15.3%						
ш	2007:22.1% 2008:-30.4% 2009:32.3%	2010:17.0%	2011:-5.0%	2012:12.7%	2013:19.2%	2014: 5.8%	2015: -0.1%	2016: 0.9%
	Vanguard Prime MMF/Inv	VMMXX	_	48,316	\$1.00	\$48,316	18%	0.1%
	Vanguard Extended Market Index Inv	VEXMX	08/11/16	525	84.80	44,528	17%	0.5%
	Vanguard Windsor	VWNDX	03/16/17	1,866	23.42	43,711	16%	0.9%
Q	Vanguard Mega Cap Growth ETF	MGK	06/12/17	253	111.33	28,128		1.1%
9	Vanguard Int'l Explorer	VINEX	06/11/15	1,182	21.29	25,162		3.1%
2	Vanguard European Stock Index Inv	VEURX	06/12/17	1,027	31.78	32,635		1.5%
S	Vanguard Mortgage-Backed Securities	VMBS	04/02/15	437	52.44	22,925		0.2%
Vanguard	Vanguard S-T Investment Grade	VFSTX	12/13/13	2,146	10.63	22,816	9%	0.0%
_	TOTAL (as of 12/31/17)					\$268,221		0.9%
1	2017 YTD Performance (as of 12/31/17	'): 11. <b>8</b> %						
	2007:12.2% 2008:-31.5% 2009:27.5%	2010: 15.6%	2011:-1.1%	2012:10.9%	2013:21.3%	2014: 5.8%	2015: 0.6%	2016: 2.9%



No trades this month.

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Next Issue: Volume 39, No. 2

Mails: February 9, 2018

Website: February 7, 2018, 12:00pm (ET)

	Fund Name	Ticker Symbol	Purchase Date	Shares	NAV	Value	Portfolio Percent	
MONEYLETTER —	Schwab Investor MF Parnassus Endeavor Fidelity OTC Portfolio Baron Partners Retail William Blair Small Cap Growth N Fidelity Real Estate Income AmerCent Emerging Markets Oakmark International I iShares MSCI Eurozone TOTAL (as of 12/31/17)	SWRXX PARWX FOCPX BPTRX WBSNX FRIFX TWMIX OAKIX EZU	09/22/16 05/25/17 05/04/17 05/04/16 05/05/16 08/03/17 04/06/17 06/08/17	\$hares 29,954 1,340 502 887 1,632 2,449 2,869 1,541 800	\$1.00 37.18 109.85 48.75 26.87 11.99 12.33 28.57 43.37	\$29,954 49,828 55,150 43,261 43,863 29,358 35,374 44,029 34,690 \$365,507	8% 14% 15% 12% 8% 10% 12% 9%	0.1% -1.3% 0.6% -1.2% 0.5% 0.1% 2.8% 1.9% -0.3% 0.6%
	2017 YTD Performance (as of 12/31/13 2007: 25.6% 2008: -36.3% 2009: 31.0%		2011:-10.3%	2012: 9.7%	2013:32.0%	2014: 7.5%	2015: 2.9%	2016: 4.5%
- Fidelity	Fidelity Cash Reserves Fidelity Contrafund Fidelity Blue Chip Growth Fidelity Growth Discovery Fidelity OTC Portfolio Fidelity China Region Fidelity Emerging Markets Fidelity Europe Fidelity Real Estate Income TOTAL (as of 12/31/17) 2017 YTD Performance (as of 12/31/17)	FDRXX FCNTX FBGRX FDSVX FOCPX FHKCX FEMKX FIEUX FRIFX	10/01/15 05/11/17 05/25/17 08/04/16 08/10/17 05/18/17 06/08/17 05/05/16	39,035 383 612 1,290 507 943 1,613 929 2,825	\$1.00 122.47 87.76 32.56 109.85 35.98 32.75 42.33 11.99	\$39,035 46,946 53,731 42,008 55,708 33,928 52,830 39,305 33,874 \$397,365	10% 12% 14% 11% 14% 9% 13% 10% 9%	0.1% 0.3% 0.8% 0.0% 0.6% 2.8% 3.9% 1.3% 0.1%
Ш	2007: 29.6% 2008: -38.4% 2009: 38.3%	2010:18.7%	2011:-9.7%	2012:13.6%	2013:26.2%	2014:6.2%	2015: 1.7%	2016: 1.2%
Vanguard —	Vanguard Prime MMF/Inv Vanguard Windsor Vanguard Mega Cap Growth ETF Vanguard Extended Market Index Inv Vanguard U.S. Growth Inv Vanguard International Growth Inv Vanguard European Stock Index Inv Vanguard REIT Index Inv	VWUSX VINEX VWIGX		22,268 1,177 459 417 706 1,458 952 847 827	\$1.00 23.42 111.33 84.80 36.52 21.29 30.04 31.78 27.56	\$22,268 27,566 51,081 35,324 25,789 31,040 28,608 26,910 22,798	10%	0.1% 0.9% 1.1% 0.5% 0.5% 3.1% 1.0% 1.5% -0.2%
_	TOTAL (as of 12/31/17)					\$271,384		1.0%

2017 YTD Performance (as of 12/31/17): 15.7%

2007:15.6% 2008:-37.7% 2009:26.9% 2010:18.0% 2011:-6.1% 2012:10.7% 2013:29.9% 2014:6.1% 2015:-2.4% 2016:3.9%

<b>Don</b> Rank	nesti	c Sto	ock Fun	ds			Mervative	Ventureson	<u>φ</u> τοι	AL RETU	RN	PRICE	RI	SK	
12/31	1Mo Ago		Ticker Symbol	FUND NAME	Fund Type	S		Ventureson	1 mo.	6 mo.	12 mo.	PER SHARE	Std. Dev.	Beta	NTF/ wtf
1 2 3 4 5	29 53 5 2 14	238 179 364 — 19	KSCOX WWNPX AVALX MTUM HCAIX	Kinetics Small Cap Opp No Load (2%r<30d) Kinetics Paradigm No Load (2%r<30d) Aegis Value Fund iShares Edge MSCI USA Momentum Fact ETF Harbor Capital Appreciation Inv	SC MCGro SCVal LCGro LCGro	* B * B	В В Н В	B B H B	5.4% 5.1 8.1 0.1 0.6	21.3% 20.1 21.4 16.7 16.2	26.2% 28.4 17.4 37.5 36.1	\$51.25 48.32 19.66 103.10 66.99	14.2 13.1 28.1 9.6 12.7	0.95 0.95 0.58 0.81 1.08	FSa FSa fsa — FSA
6 7 <b>8</b> 9	1 11 4 33 10	40 3 <b>122</b> 71 <b>75</b>	PXMG FDGRX <b>AKREX</b> STAFX <b>FTQGX</b>	PowerShares Russell MC Pure Growth ETF Fidelity Growth Company (closed) Akre Focus Retail (1%r<30d) Wells Fargo Large Cap Growth A Fidelity Focused Stock	MCGro LCGro MCGro LCGro LCGro	B B B B	В В В В	B B B B	0.1 1.0 <b>-0.4</b> 1.0 <b>0.2</b>	16.0 15.0 <b>17.6</b> 15.6 <b>16.7</b>	37.2 36.8 <b>30.5</b> 32.9 <b>31.2</b>	42.46 178.70 <b>32.41</b> 45.67 <b>22.65</b>	12.9 13.4 <b>10.7</b> 11.6 <b>11.0</b>	1.13 1.20 <b>0.95</b> 1.04 <b>0.93</b>	Fsa FSA FSA Fsa
11 12 13 <b>14</b> 15	9 3 7 <b>27</b> 12	103 12 5 <b>6</b> 203	DIA POAGX TRBCX FBGRX SSVSX	SPDR Dow Jones Industrial Average ETF PRIMECAP Odyssey Aggr Growth (closed) T. Rowe Price Blue Chip Growth Fidelity Blue Chip Growth Victory Special Value A (NL @ Schwab)	LCVal MCGro LCGro <b>LCGro</b> MC	B B B B	В В В В	B B B B	2.1 0.6 0.0 <b>0.8</b> 1.3	17.1 15.5 14.4 <b>13.9</b> 17.5	27.5 33.6 36.6 <b>36.1</b> 26.2	247.40 44.33 96.31 <b>87.76</b> 27.71	10.7 14.4 12.3 <b>12.1</b> 10.2	1.02 1.20 1.07 <b>1.04</b> 0.96	fsa FSA <b>Fsa</b> fS
16 17 18 19 20	23 49 20 8	31 76 51 23 17	POGRX PWB SGRAX WTSLX ANFFX	PRIMECAP Odyssey Growth PowerShares Dynamic Large Cap Growth ETF Wells Fargo Growth A Westcore Small-Cap Growth II Inst AmerFunds New Economy F1	LCGro LCGro LCGro MCGro LCGro	<b>B</b> B B *	<b>B</b> B B B	<b>B</b> B B B	0.4 0.8 0.8 0.7 0.1	15.5 15.7 14.1 14.6 14.4	<b>32.1</b> 30.7 34.6 33.3 34.3	<b>37.25</b> 41.49 33.54 26.85 44.76	9.3 12.5 14.5 11.6	1.13 0.83 1.06 1.18 0.97	fsa FSA fSA FS
21 <b>22</b> 23 24 25	46 <b>17</b> 68 39 262	21 <b>2</b> 15 63 309	OBEGX FOCPX QQQ IWF HDPMX	Oberweis Emerging Growth (1%r<90d) Fidelity OTC PowerShares QQQ ETF iShares Russell 1000 Growth ETF Hodges Retail (1%r<30d)	SCGro LCGro LCGro LCGro MC	* B H H *	Н В Н Н	H <b>B</b> H H	0.2 <b>0.6</b> 0.6 0.9 5.5	14.6 <b>12.2</b> 13.7 14.2 17.8	33.3 <b>38.6</b> 32.7 30.0 13.8	28.36 <b>109.90</b> 155.80 134.70 49.56	14.4 <b>15.1</b> 13.6 10.8 18.9	1.27 1.20 1.03 1.36	FSA Fsa — FSA
26 27 28 29 30	34 44 22 15 25	<b>52</b> <b>29</b> 34 16 14	VWUSX FCNTX TWCUX DWAQ PRWAX	Vanguard U.S. Growth Inv Fidelity Contrafund American Century Ultra Inv PowerShares DWA NASDAQ Momentum ETF T. Rowe Price New America Growth	LCGro LCGro LCGro McGro LCGro	<b>B</b> B B B	<b>B</b> B B B	<b>B B B B B B</b>	0.5 0.3 0.1 -0.3 0.1	13.5 13.3 13.5 13.8 12.1	<b>31.6</b> <b>32.3</b> 31.9 31.2 34.6	<b>36.52</b> <b>122.50</b> 43.42 102.60 48.03	11.3 10.0 11.4 13.4 13.1	0.99 0.89 1.05 1.09 1.17	fsa Fsa FSA — FSA
31 <b>32</b> 33 34 35	75 <b>42</b> 32 48 58	49 11 20 53 55	JKE FDSVX VPMCX FTRNX TWCIX	ishares Morningstar Large-Cap Growth ETF Fidelity Growth Discovery Vanguard PRIMECAP Inv (closed) Fidelity Trend American Century Select Inv	LCGro LCGro LCGro LCGro LCGro	H H H H	H H H H	H <b>H</b> H H	1.2 <b>0.0</b> 1.2 0.6 0.6	13.0 <b>12.0</b> 13.1 13.3 13.5	30.6 <b>34.7</b> 29.5 29.4 28.9	156.50 <b>32.56</b> 128.90 99.59 70.10	11.8 11.0 11.1 11.2 10.8	1.08 <b>0.93</b> 1.03 1.02 0.99	Fsa Fsa FSA
<b>36</b> 37 38 39 40	<b>59</b> 57 101 31 65	<b>47</b> 90 10 9 33	VMRGX FMAGX CGMFX PRGFX SPECX	Vanguard Morgan Growth Inv Fidelity Magellan CGM Focus T. Rowe Price Growth Stock Alger Spectra A (NL @ Schwab)	LCGro LC LC LCGro LCGro	<b>H</b> + B H	<b>H</b> H H B	<b>H</b> H H B	0.6 1.1 1.7 -0.3 0.1	13.0 14.0 14.2 11.8 12.5	<b>29.9</b> 26.5 24.8 33.6 31.0	<b>29.26</b> 104.60 53.35 62.65 20.57	11.1 11.0 19.3 12.2 11.8	1.03 1.05 1.51 1.06 1.03	fsa Fsa sa FSA FSA
41 42 43 44 45	71 63 36 72 70	58 45 72 28 27	TWCGX TGCNX GABGX ONEQ FNCMX	American Century Growth Inv TCW Select Equities N GAMCO Growth AAA (2%r<7d) Fidelity Nasdaq Composite Idx Tr Stk ETF Fidelity Nasdaq Composite Index	LCGro LCGro LCGro LCGro LCGro	H H H H	H H H H	H H H H	0.6 0.6 -0.2 0.4 0.4	12.5 11.6 13.2 12.8 12.8	30.1 32.5 29.5 29.3 29.3	32.82 22.66 56.74 271.10 90.63	11.0 13.9 11.5 12.7 12.7	1.02 1.15 1.05 1.18 1.18	FSA FSA FSA — Fa
46 47 48 49 50	199 66 67 73 95	25 36 110	EXEYX PRNHX USAUX USCGX SCHD	Manning & Napier Equity Series S T. Rowe Price New Horizons (closed) USAA Aggressive Growth USAA Capital Growth Schwab U.S. Dividend Equity ETF	LCGro SCGro LCGro LC LC	HHHHH	H H H H	H H H H	2.1 0.7 0.4 1.3 2.0	12.0 11.6 12.3 14.2 15.1	28.8 31.5 30.1 23.9 20.8	13.80 52.57 43.76 12.39 51.17	12.2 12.5 11.4 10.3 9.4	1.08 1.06 1.04 0.97 0.88	FSA FSA fsA fsA
<b>51</b> 52 53 54 55	<b>96</b> 13 78 80 77	<b>46</b> 38 68 211	MGK CCASX SCHG JAGIX FDFFX	Vanguard Mega Cap Growth ETF Conestoga Small Cap Inv Schwab U.S. Large-Cap Growth ETF Janus Henderson Growth & Income T Fidelity Independence	LCGro SCGro LCGro LC LC	<b>H</b> H H H	<b>H</b> H H H	<b>H</b> H H H	1.1 -1.2 1.0 2.0 1.0	<b>12.1</b> 13.7 12.5 13.7 13.0	<b>29.5</b> 28.4 28.0 23.2 26.4	111.30 48.95 70.70 55.08 37.28	11.4 14.9 11.1 10.1 13.2	1.08 1.05 1.06 0.97 1.14	FSA FSA FSA
		283 48 7 66	HOVLX WFDAX MFOCX NFO VALLX	Homestead Value Wells Fargo Discovery A Marsico Focus Guggenheim Insider Sentiment ETF Value Line Larger Companies Focused Inv	LCVal MCGro LCGro MC LCGro	H H *	H H H H	H H H H	1.9 1.2 -0.9 0.0 0.9	14.5 11.8 11.0 12.9 10.0	21.2 29.0 34.0 27.8 33.8	55.26 32.57 17.07 61.97 28.65	12.0 12.8 11.8 11.7 13.4	1.13 1.07 0.95 1.03 1.08	fsA FSA FSA — FSA
61 62 63 64 65	62 86 40 60 82	13 54	POSKX SPYG VHCOX USAAX IVW	PRIMECAP Odyssey Stock SPDR Portfolio S&P 500 Growth ETF Vanguard Cap Opportunity Inv (closed) USAA Growth iShares S&P 500 Growth ETF	LC LCGro LCGro LCGro LCGro	H H H H	H H H H	H H H H	1.4 0.7 0.7 0.4 0.7	12.6 12.5 11.8 12.1 12.4	26.0 27.2 29.1 28.4 27.2	31.91 33.00 66.50 30.53 152.80	11.2 10.8 12.5 11.3 10.8	1.06 1.02 1.06 1.06 1.02	fsa f fsA
66 67 68 69	81 19	80 187 128 39	IUSG WGROX FDCAX MGRIX GFAFX	iShares Core S&P U.S. Growth ETF Wasatch Core Growth (2%r<60d) Fidelity Capital Appreciation Marsico Growth AmerFunds Growth Fund of America F1	LCGro SCGro LCGro LCGro LCGro	H H H	HHHH	H H H H	0.6 0.1 1.3 -0.7 1.2	12.4 13.8 13.1 11.4 12.3	27.0 24.3 23.9 31.1 26.1	53.77 68.35 35.20 17.61 49.22	10.9 11.7 11.9 11.2 10.7	1.04	FSA Fsa FSA FS

 ${\it Bold \, funds}$  are currently held in model portfolios.

Advice: B=Buy, H=Hold, S=Sell. \*=not for this portfolio. Std. Dev.: Standard Deviation based on trailing 3-yr. returns.

NTF/wtf: NO TRANSACTION FEE/with transaction fee. (F/f) for Fidelity, (S/s) for Schwab and (A/a) for TD Ameritrade.

		c Sto	ock Fun	ds (continued)			Modernative	Ventureson	φ 5 7	tal retu	IDN	PRICE	RIS	ev	
	1Mo		Ticker Symbol	FUND NAME	Fund Type	Const	90°. N	Ventureson	1 mo.	6 mo.	12 mo.	PER SHARE	Std. Dev.	Beta	NTF/ wtf
71 72 73 74	38 54 143 35 115	111 61 88 167 67 213 96 157 42	RYPRX BLUEX DGAGX BWAFX KAUFX RGFAX HY FFIDX SNIGX HFMDX	Royce Premier Inv (1%r<30d) AMG Managers Brandywine Blue I Dreyfus Appreciation Inv AMG Managers Brandywine Advisors MC Gr N Federated Kaufmann R (0.2%r)	MCGro LCGro LC		H H H H H H H H H		0.0 -0.5 1.9 0.0 1.0 0.0 1.3 0.3 0.2 1.8	13.9 12.5 11.8 13.2 11.6 14.7 12.8 13.4 11.9 13.8	23.8 27.9 25.9 25.1 27.7 21.2 24.0 23.8 27.8 20.5	16.60 47.87 36.07 11.80 5.60 15.61 147.40 45.23 40.56 19.73	13.8 10.5 9.8 12.6 14.2 11.9 11.8 10.1 10.4 11.6	1.14 0.90 0.93 0.98 1.16 1.02 1.23 0.96 0.98 0.90	fsa fsa FSA FSA fSA FSA FSA FSA
82 83	127 74 83 135 51	62 26 41 65 70	VUG HIMGX VPCCX VIGRX JATTX	Vanguard Growth ETF Harbor Mid Cap Growth Inv Vanguard PRIMECAP Core Inv (closed) Vanguard Growth Index Inv Janus Henderson Triton T	LCGro MCGro LCGro LCGro SCGro	H H H H	H H H H	H H H H	0.9 0.1 1.2 0.7 0.5	11.4 10.3 11.6 11.3 11.6	27.7 31.7 26.2 27.7 26.9	140.70 9.59 26.90 72.36 28.51	11.2 13.6 11.0 11.2 12.8	1.06 1.11 1.03 1.06 1.10	FSA fa fsa FSA
88 89 90	201	137 362 92 123 227	IWP HDPSX MERDX XLG BRAGX	iShares Russell Mid Cap Growth ETF Hodges Small Cap Retail (1%r<30d) Meridian Growth Legacy (closed,2%r<60d) Guggenheim S&P 500 Top 50 ETF Bridgeway Aggressive Investors 1	MCGro SC SCGro LC MC	S H H H *	S H H S	S H H S	0.5 4.4 2.2 1.5 2.3	12.4 16.3 11.0 12.2 13.5	24.9 9.2 25.6 23.0 18.4	120.60 19.38 41.63 190.00 75.33	11.2 15.2 13.1 10.6 13.4	1.04 1.12 1.03 1.03 1.16	FSA fsa — fsa
92 93 94 95	106 108 56	104 116 86 158 59	SLASX AFIFX FDSSX RYDVX RYPNX	Selected American Shares S AmerFunds Fundamental Investors F1 Fidelity Stock Selector All Cap Royce Dividend Value Svc (1%r<30d) Royce Opportunity Inv (1%r<30d)	LC LC LCGro SC SCVal	H S S H *	H S S H H	H S S H H	2.4 1.9 0.8 1.9 0.9	12.0 11.9 11.5 12.5 12.7	21.8 22.7 25.3 21.0 21.9	40.53 62.17 43.94 7.76 13.58	12.1 10.3 10.7 12.0 16.7	1.10 1.00 1.03 1.00 1.20	FSA FS Fsa FSA fsa
99 100	148 133	30 93 130 159 126	JACTX JKK BRWIX OEF MGC	Janus Henderson Forty T iShares Morningstar Small Cap Growth ETF AMG Managers Brandywine I iShares S&P 100 ETF Vanguard Mega Cap ETF	LCGro SCGro MCGro LC LC	H \$ * \$	H S S S S	H S S S	-0.2 0.3 0.2 1.6 1.3	10.3 11.8 12.2 12.1 11.9	29.4 24.7 23.7 21.8 22.6	30.92 179.50 46.64 118.60 91.79	12.2 14.3 12.0 10.4 10.1	1.08 1.17 1.03 1.03 1.00	FSA — fsa —
102	137 24	98 105 115 219 117	OAKMX JKH PWC WMCVX TGVNX	Oakmark Inv iShares Morningstar Mid-Cap Growth ETF PowerShares Dynamic Market ETF Wasatch Small Cap Value (2%r<60d) TCW Relative Value Mid Cap N	LC MCGro MC SCGro MCVal	H S S *	H S S H H	H S S H H	1.9 0.7 0.7 0.9 1.3	12.1 11.0 13.1 13.2 13.0	21.1 25.6 20.2 19.6 19.5	84.33 202.50 95.27 7.95 24.50	12.3 11.7 11.4 12.6 15.2	1.14 1.05 1.00 0.87 1.20	FSA  FSA FSA
107 108 109		89 156 79 209 180	RBCGX FLVCX JAENX FLPSX WBGSX	Reynolds Blue Chip Growth Fidelity Leveraged Co Stock (\$10k) Janus Henderson Enterprise T Fidelity Low-Priced Stock William Blair Growth N	MCGro MCVal MCGro MCVal LCGro	\$ * \$ \$	\$ \$ \$ \$	\$ \$ \$ \$ \$	0.3 2.3 0.1 1.9 -0.3	11.4 11.7 10.9 12.0 11.8	24.7 21.0 26.4 20.7 24.3	56.38 33.46 117.00 54.52 10.27	10.0 13.4 10.3 8.8 10.7	0.85 1.16 0.91 0.80 0.97	FSA FSA FSA FSA
112 113 114 115	122 123 170 189 157	94 102 69 146 32	PRCOX VFTSX ATASX AMPFX BSCFX	T. Rowe Price Capital Opportunity Vanguard FTSE Social Index Inv AMG GW&K US Small Cap Growth N American Funds AMCAP F1 Baron Small Cap Retail	LC LC SCGro LCGro SCGro	H S H S S	H S H S S	H S H S S	0.7 1.1 0.7 0.9 0.9	11.4 11.4 10.9 11.9 9.8	23.7 23.2 24.8 22.0 27.1	26.06 17.48 4.08 31.22 28.34	10.3 10.8 13.5 9.9 12.5	1.02 1.05 1.03 0.94 1.07	FSA fsa FSA FS FSA
117 118 119	162 28 167	251 131 57 133 236	FEXPX VV LCGRX SCHX FDGFX	Fidelity Export & Multinational Vanguard Large Cap ETF Loomis Sayles SC Growth Retail (closed) Schwab U.S. Large-Cap ETF Fidelity Dividend Growth	LCGro LC SCGro LC LC	H S H S S	H S H S S	H S H S S	1.9 1.3 -0.8 1.3 1.8	11.7 11.6 10.9 11.4 11.9	20.9 22.1 26.6 21.9 20.1	22.21 122.60 23.46 63.78 32.83	9.5 10.1 14.7 10.1 9.7	0.92 1.00 1.15 1.00 0.95	Fsa FSA Fsa
122 123 124 125	182 161		IVV VIG SPY FDEQX MXXIX	iShares Core S&P 500 Vanguard Dividend Appreciation ETF SPDR S&P 500 ETF Fidelity Disciplined Equity Marsico 21st Century	LC LC LC LC LCGro	S S S S	\$ \$ \$ \$	\$ \$ \$ \$ \$	1.2 1.4 1.2 1.2 -0.1	11.5 11.2 11.5 11.6 8.9	21.8 22.2 21.7 21.5 30.1	268.90 102.00 266.90 38.79 27.57	10.1 9.1 10.1 10.1 11.5	1.00 0.86 1.00 0.98 0.95	  Fsa FSA
127 128	166		JAMRX FMILX VQNPX FUSEX WBSNX	Janus Henderson Research T Fidelity New Millennium Vanguard Growth & Income Inv Fidelity 500 Index Inv William Blair Small Cap Growth N	LCGro LCGro LC LC SCGro	\$ \$ \$ <b>H</b>	\$ \$ \$ <b>H</b>	\$ \$ \$ <b>H</b>	0.6 1.3 1.1 1.1 <b>0.5</b>	10.0 12.0 11.9 11.4 <b>9.7</b>	26.1 20.1 20.7 21.7 <b>26.7</b>	46.42 39.79 47.24 93.44 <b>26.87</b>	10.9 10.7 9.9 10.1 <b>14.1</b>	1.01 1.00 0.97 1.00 <b>1.04</b>	FSA Fsa fsa Fsa <b>FSA</b>
132 133	150 164 193 <b>212</b>	218 <b>109</b>	IWB SNXFX VFINX VDAIX VWNDX	iShares Russell 1000 ETF Schwab 1000 Index (2%r<30d) Vanguard 500 Index Inv Vanguard Dividend Appreciation Idx Inv Vanguard Windsor Inv	LC LC LC LC <b>LCVal</b>	\$ \$ \$ <b>H</b>	\$ \$ \$ <b>H</b>	\$ \$ \$ <b>H</b>	1.2 1.1 1.1 1.4 <b>0.9</b>	11.3 11.4 11.4 11.1 <b>9.5</b>	21.5 21.7 21.7 21.6 <b>19.1</b>	148.60 62.61 246.80 40.79 <b>23.42</b>	10.1 10.1 10.1 9.1 <b>12.2</b>	1.00 1.00 1.00 0.86 <b>1.13</b>	fSa fsa fsa fsa
222 253	<b>181 37</b> 169	212 60 22	VXF VEXMX PARWX BARAX BPTRX	Vanguard Extended Market ETF Vanguard Extended Market Index Inv Parnassus Endeavor Inv Baron Asset Retail Baron Partners Retail	MC MC LCGro MCGro MCGro	H H S *	H H S H	H H S H	0.3 <b>0.5</b> <b>-1.3</b> <b>-1.6</b> <b>-1.2</b>	10.1 9.9 8.9 6.5 2.4	18.1 17.9 19.8 26.1 31.5	111.70 <b>84.80</b> <b>37.18</b> 68.16 <b>48.75</b>	12.4 12.4 11.6 11.7 16.2	1.06 1.07 1.00 1.03 1.21	fsa FSA FSA FSA
						N/	ow J ASDA P 50		1.8% 0.4 1.0	15.8% 12.4 10.3	25.1% 28.2 19.4	indexes include o			

Inte	rnati	iona	l Stock	Funds			Votive	e 5	9				_		
RANK 12/31 2017	1Mo		Ticker Symbol	FUND NAME	Fund Type	Cons	Mode	Ventureso.	10 1 mo.	TAL RETU 6 mo.	12 mo.	PRICE PER Share	Std. Dev.	SK Beta	NTF/ wtf
1 2 3 4 5	12 5 25 2 3	15 3 1 7 5	MCSMX MCHFX PGJ OBCHX MCHI			* * * *	B B * B	B B B B	6.2% 3.6 5.4 2.3 1.8	25.0% 22.5 20.5 24.2 23.3	53.9% 59.4 59.8 55.1 54.7	\$11.89 22.20 44.83 15.95 66.54	19.9 21.0 24.2 20.9 20.9		FSA FSA — FSA
6 7 8 <b>9</b> 10	1 6 4 <b>10</b> 8	2 6 18 <b>8</b> 9	USCOX GXC HJPSX FHKCX ICHKX	US Global Inv China Region Inv (.5%<7d) SPDR S&P China ETF Hennessy Japan Small Cap Inv Fidelity China Region Guinness Atkinson China & HK (2%r<30d)	Pacific Pacific Japan <b>Pacific</b> Pacific	*	B * B B	B B B B	-0.3 2.0 3.5 <b>2.8</b> 2.1	22.4 22.0 20.9 <b>20.2</b> 20.3	57.7 51.7 49.6 <b>51.9</b> 48.9	11.53 107.20 15.90 <b>35.98</b> 26.55	19.5 20.9 10.5 <b>21.9</b> 19.6	- - - -	FSA FSA FSA FSA
11 12 13 14 15	9 <b>16</b> <b>11</b> 13 7	21 10 11 37 76	IASMX FEMKX TWMIX AIOIX PIE	Guinness Atkinson Asia Focus (2%r<30d) Fidelity Emerging Markets Amer Century Emerging Mkts Inv (2%r<60d) Amer Century Intl Opp Inv (\$10k,2%r<60d) PowerShares DWA Emg Mkts Momentum ETF	Pacific EmerMkt EmerMkt Int'I EmerMkt	* * * *	B B B B	B <b>B</b> B B	2.2 3.9 2.8 2.8 1.5	19.8 18.3 19.3 19.1 21.1	47.1 <b>47.7</b> <b>45.4</b> 45.0 41.8	22.59 <b>32.75</b> <b>12.33</b> 11.23 20.55	16.7 <b>13.7</b> <b>14.6</b> 11.6 12.4	_ _ _ _	FSA FSA FSA
16 17 18 19 20	18 15 20 48 32	33 28 12 36 105	DREGX PRMSX FSEAX HAO MPACX	Driehaus Emerg Mkts Gr (\$10k,2%r<60d) T. Rowe Price Emerg Mkts Stock (2%r<90d) Fidelity Emerging Asia Guggenheim China Small Cap ETF Matthews Asia Growth Inv	EmerMkt EmerMkt Pacific Pacific Pacific	* B * H	В В В Н	B B B H	3.3 3.0 3.3 4.7 4.3	19.3 18.8 16.8 19.2 17.1	42.5 42.9 46.4 37.5 39.4	39.64 44.99 45.04 29.58 27.25	12.9 15.4 14.9 24.7 11.9	- - - -	FSA FSA Fsa — FSA
21 22 23 24 25	51 75 46 17 69	4 169 88 96 50	FNI FEMEX MAPTX USPAX DGS	First Trust ISE Chindia ETF Fidelity EMEA Matthews Pacific Tiger Inv Columbia Pacific/Asia Z WisdomTree Emg Mkts SmallCap Div ETF	Pacific EmerMkt Pacific Pacific EmerMkt	* * * *	H H H H	H H H H	3.6 7.4 4.5 1.5 5.9	14.4 20.6 16.4 18.2 16.1	47.3 25.2 40.0 39.6 37.5	39.60 10.35 31.66 11.56 52.15	18.7 17.0 13.4 12.0 14.9	- - - -	Fsa FSA S
26 27 28 29 30	23 42 34 94 31	86 59 16 26 70	FPBFX FXI GMF PIN MCDFX	Fidelity Pacific Basin iShares China Large-Cap ETF SPDR S&P Emerging Asia Pacific ETF PowerShares India ETF Matthews China Dividend Inv	Pacific Pacific Pacific Pacific Pacific	* * * *	H * H *	H H H H	2.7 2.0 2.7 4.6 2.8	16.8 18.5 15.9 16.0 17.6	40.1 36.2 41.7 38.5 36.0	35.48 46.17 104.60 26.40 17.61	11.3 20.8 14.9 16.5 17.5	- - - - -	Fsa — — FSA
31 32 33 <b>34</b> 35	28 35 47 <b>19</b> 53	30 40 75 <b>14</b> 32	DRIOX PRIDX EEB <b>VWIGX</b> EEM	Driehaus Intl SC Gr (closed,\$10k,2%r<60d) T. Rowe Price Intl Discovery (2%r<90d) Guggenheim BRIC ETF Vanguard International Growth Inv iShares MSCI Emerging Markets Index ETF	Int'I Int'I EmerMkt <b>Int'I</b> EmerMkt	H * * <b>H</b> *	H H H H	H H <b>H</b> H	2.3 2.6 2.9 <b>1.0</b> 3.8	15.7 15.9 18.5 <b>15.1</b> 15.6	41.5 39.0 31.9 <b>43.0</b> 37.3	11.39 71.41 37.34 <b>30.04</b> 47.12	11.2 10.7 20.2 <b>14.2</b> 15.7	- - - -	FSA A — fsa
36 37 38 39 40	14 45 102 39 59	133 55 13 31 141	FJSCX WAEMX EPI PRASX WTIFX	Fidelity Japan Smaller Companies Wasotch Emerg Mkts SC Inv (2%r<60d) WisdomTree India Earnings ETF T. Rowe Price New Asia (2%r<90d) Westcore Intl Small Cap Retail	Japan EmerMkt Pacific Pacific Int'l	* * * *	H \$ * \$	H S S S S	1.5 3.5 4.2 2.5 3.4	17.5 15.0 14.1 13.6 16.0	35.7 38.2 39.1 41.3 33.6	18.96 3.22 27.84 19.56 19.76	9.9 13.1 18.2 13.9 13.6	- - - -	FSA FSA FSA FSA
41 <b>42</b> 43 44 45	54 <b>43</b> 21 70 36	41 <b>34</b> 39 20 160	SPEM VINEX RYIPX SLSSX AFK	SPDR Portfolio Emerging Markets ETF Vanguard International Explorer Inv Royce International Premier Svc Selected International S (2%r<30d) VanEck Vectors Africa ETF	EmerMkt Int'l Int'l Int'l EmerMkt	* * H *	\$ <b>H</b> \$ *	\$ <b>H</b> H S S	3.3 <b>3.1</b> 1.8 3.3 3.5	15.4 13.9 14.3 14.0 17.4	34.8 <b>38.8</b> 39.8 38.2 28.2	38.15 <b>21.29</b> 15.60 14.44 24.86	15.9 <b>11.8</b> 12.0 14.9 18.2	- - - -	fsa FSA FSA
46 47 48 49 50		139	ARTJX SCHE IWIRX DFJ MJFOX	Artisan Intl SC Inv (closed) Schwab Emerging Markets Equity ETF Guinness Atkinson Global Innovators Inv WisdomTree Japan SmallCap Dividend ETF Matthews Japan Inv	Int'I EmerMkt Global Japan Japan	* * H *	S S H S S	S S H S S	2.9 3.9 0.9 2.1 0.5	15.4 15.1 15.6 15.7 16.2	33.4 32.7 34.8 32.1 33.1	23.09 27.94 44.98 80.43 24.12	13.7 15.6 13.0 10.9 12.6	- - - -	FSA FSA FSA
51 52 53 54 55	78 29 68 27 55	27 77	EWX HJPNX HLEMX WAGOX PISRX	SPDR S&P Emerging Markets Small Cap ETF Hennessy Japan Inv Harding Loevner Emg Mkts Adv (closed,2%r Wasatch Global Opp Inv (2%r<60d) Salient International Small Cap Inv	EmerMkt Japan EmerMkt Global Int'l	* * * \$	* S S S	\$ \$ \$ \$	3.9 1.5 3.5 1.6 2.8	13.7 15.8 13.3 13.5 14.0	34.1 32.0 35.2 37.6 34.3	52.00 34.84 59.23 3.67 21.74	14.8 12.3 14.2 12.8 11.2	  	 FSA FSA FSA FSA
56 57 58 59 60	93 86 66 90 41	19 125	VWO VEIEX ADRE MSMLX FSCOX	Vanguard FTSE Emerging Markets ETF Vanguard Emerging Mkts Stock Index Inv BLDRS Emerging Markets 50 ADR ETF Matthews Asia Small Cos Inv Fidelity International Small Cap Opp	EmerMkt EmerMkt EmerMkt Pacific Int'I	* * * *	S S S S	\$ \$ \$ \$ \$	3.7 3.5 2.0 3.6 2.5	14.3 14.4 13.3 14.1 12.7	31.5 31.2 36.0 30.6 35.7	45.91 29.08 43.13 22.89 19.34	15.3 15.3 18.4 12.3 10.2		fsa FSA Fsa
61 62 63 64 65	49 96 87 57 166	23 95 66	FIVFX MINDX WISNX FRN ILF	Fidelity International Cap Appreciation Matthews India Inv William Blair Intl SC Growth N (closed) Guggenheim Frontier Markets ETF iShares Latin America 40 ETF	Int'I Pacific Int'I EmerMkt LatinA	S * * *	\$ \$ \$ \$	S S S S	1.8 4.0 3.0 3.1 5.7	12.8 11.2 13.3 12.6 13.8	36.3 35.9 32.2 33.3 26.2	21.06 34.31 15.49 14.85 34.17	11.0 14.3 10.9 14.9 25.7	  	Fsa FSA FSA —
66 67 68 <b>73</b> <b>93</b>	22 37 61 <b>60</b> <b>81</b>	151 81 69 <b>48</b> 17	PRJPX GAADX NWFFX FISMX OAKIX	T. Rowe Price Japan (2%r<90d) Guinness Atkinson Asia Pac Div (2%r<30d) AmerFunds New World F1 Fidelity International Small Cap Oakmark International Inv	Japan Pacific EmerMkt Int'I Int'I	* * S H H	\$ \$ <b>H</b> <b>H</b>	\$ \$ <b>H</b> <b>H</b>	-0.2 0.7 2.1 <b>2.8</b> 1.9	14.8 13.4 13.1 <b>12.2</b> <b>11.7</b>	32.7 34.2 32.6 <b>32.9</b> <b>29.8</b>	15.11 17.85 66.46 <b>29.90</b> <b>28.57</b>	10.8 13.2 11.3 <b>10.2</b> <b>15.4</b>	- - - -	FSA FSA FS Fsa FSA
	106 121 83	57	FIEUX VEURX EZU	Fidelity Europe Vanguard European Stock Index Inv iShares MSCI Eurozone ETF	Europe Europe Europe	H H *	H	H H	1.3 1.5 -0.4 0.6%	9.2 8.5 8.0 8.3%	29.2 26.8 27.9 21.9%	42.33 31.78 43.37	13.5 12.6 14.7	=	Fsa fsa —

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Spe	cialt	y Fu	nds				'Ottive	\$ \$	Φ 5						
	1Mo	6Mo Ago	Ticker Symbol	FUND NAME	Fund Type	Cons	Mos	Ventureson	10 1 mo.	TAL RETU		PRICE PER Share	Std. Dev.	SK Beta	NTF/ wtf
1 2 3 4 5	1 18 25 12 9	16 78 1 32 7	ITB CGMRX PSI FSDAX IXN	iShares US Home Construction ETF CGM Realty PowerShares Dynamic Semiconductors ETF Fidelity Select Defense & Aerospace iShares Global Technology ETF	Cycls RealEs Tech Cycls Tech	* * * *	* * * *	* * * * *	2.0% 5.3 -1.5 1.3 0.2	29.0% 20.9 21.1 21.2 18.0	59.6% 32.6 40.2 33.3 41.2	\$43.70 32.19 50.47 167.00 153.70	19.3 16.6 19.4 13.3 13.7		sa  Fsa
6 7 8 9 10	6 2 5 11 17	4 29 35 3 11	FSPTX PBW FSELX PRGTX VGT	Fidelity Select Technology PowerShares WilderHill Clean Energy ETF Fidelity Select Semiconductors T. Rowe Price Global Technology Vanguard Information Technology ETF	Tech NatRes Tech Tech Tech	* * * *	* * * *	* * * *	-1.1 1.9 -1.4 -0.7 0.1	17.2 17.4 22.2 14.8 17.6	45.0 40.0 30.4 47.0 37.1	178.70 25.36 111.70 16.83 164.70	14.8 21.6 17.1 16.3 14.0	_ _ _ _	Fsa Fsa A
11 12 13 14 15	13 19 23 22 15	6 13 23 9 39	XNTK IGM XLK IYW FBSOX	SPDR NYSE Technology ETF iShares North American Technology ETF SPDR Technology Select Sector ETF iShares US Technology ETF Fidelity Select IT Services	Tech Tech Tech Tech Tech	* * * *	* * * *	* * * *	-0.1 0.1 0.5 0.1 0.7	16.1 17.1 17.7 17.0 17.9	40.4 37.2 34.3 36.6 33.2	83.81 168.80 63.95 162.80 54.48	14.9 13.9 13.2 14.6 13.4	= = = = = = = = = = = = = = = = = = = =	   Fsa
16 17 18 19 20	34 7	26 14 123 10 25	FSCSX PRSCX FFGCX RYSIX FSLBX	Fidelity Select Software & IT Services T. Rowe Price Science & Tech Fidelity Global Commodity Stock Rydex Electronics Inv Fidelity Select Brokerage & Inv Mgt	Tech Tech NatRes Tech FinServ	* * * *	* * * * *	* * * *	0.9 -0.3 5.9 -1.3 2.4	16.8 15.0 19.6 18.1 16.2	35.0 39.2 18.4 31.6 29.9	165.70 45.48 13.18 131.40 81.76	14.5 15.2 18.9 18.1 18.8	+ + + + +	Fsa A Fsa FSa Fsa
21 22 23 24 25		5 2 50 108 122	IGV XBI FSCHX FSRPX PSPFX	iShares North American Tech-Software SPDR S&P Biotech ETF Fidelity Select Chemicals Fidelity Select Retailing U.S. Global Inv Global Res (.05%r<7d)	Tech Health Cycls Consmr NatRes	* * * *	* * * *	* * * *	-0.8 2.1 0.8 3.1 5.9	13.0 10.1 17.2 15.7 16.5	42.1 43.8 26.7 25.8 19.6	154.50 84.87 178.30 133.20 6.09	15.0 34.5 16.4 11.8 19.2		 Fsa Fsa FSA
26 27 28 29 30	29 38 41 8 50	72 17 15 36 68	FSVLX RYTIX FDCPX IYG IYM	Fidelity Select Consumer Finance Rydex Technology Inv Fidelity Select Computers IShares US Financial Services ETF IShares US Basic Materials ETF	FinServ Tech Tech FinServ NatRes	* * * *	* * * *	* * * *	3.6 -0.2 -0.2 2.2 2.5	16.1 14.4 14.8 15.9 15.3	23.1 33.1 31.1 24.5 24.8	16.21 89.24 88.87 130.40 102.20	14.5 14.4 16.9 17.7 17.6	- - - -	Fsa FSa Fsa —
31 32 33 34 35	42 37 3 52 30	12 90 24 62 21	RYIIX FSHOX PSCH FSDPX PSJ	Rydex Internet Inv Fidelity Select Construction & Housing PowerShares S&P SC Health Care ETF Fidelity Select Materials PowerShares Dynamic Software ETF	Tech Cycls Health NatRes Tech	* * * *	* * * *	* * * *	0.5 2.6 0.6 2.5 -2.0	12.5 14.5 12.1 14.7 13.3	34.4 26.1 34.9 24.7 34.6	115.80 64.87 98.52 90.97 63.50	15.2 14.3 17.2 16.2 13.8	_ _ _ _	FSa Fsa — Fsa —
36 37 38 39 40	39 24 62 59 57	38 110 18 69 63	FSAIX FSAVX PRMTX XLB VAW	Fidelity Select Air Transportation Fidelity Select Automotive T. Rowe Price Media & Telecommunications SPDR Materials Select Sector ETF Vanguard Materials ETF	Cycls Cycls Comm NatRes NatRes	* * * *	* * * *	* * * *	2.8 -0.4 0.8 2.1 2.1	14.6 15.5 11.0 13.7 13.4	22.7 24.0 33.0 24.0 23.8	84.29 37.10 96.47 60.53 136.70	14.6 17.7 13.2 16.7 16.9		Fsa Fsa A —
41 42 43 44 45	33 67 16 14 74	67 44 46 59 85	FSRFX FDLSX XLF FIDSX RYBIX	Fidelity Select Transportation Fidelity Select Leisure SPDR Financial Select Sector ETF Fidelity Select Financial Services Rydex Basic Materials Inv	Cycls Consmr FinServ FinServ NatRes	* * * *	* * * *	* * * *	2.5 1.5 1.9 1.6 3.3	14.3 11.6 14.1 14.6 13.0	21.1 29.1 22.0 20.9 21.8	104.30 166.00 27.91 114.20 63.53	15.9 11.1 15.0 13.5 19.0	_ _ _ _	Fsa Fsa — Fsa FSa
46 47 48 49 50	31 79 58 26 45	8 73 48 55 28	ICTEX FIREX XLI ICFSX IXG	ICON Information Technology S Fidelity International Real Estate SPDR Industrial Select Sector ETF ICON Financial S iShares Global Financials ETF	Tech RealEs Cycls FinSer FinServ	* * * *	* * * *	* * * *	-2.1 3.3 2.0 2.1 2.2	11.7 10.3 12.1 13.5 11.8	32.6 26.7 23.9 20.0 23.8	15.82 11.65 75.62 10.78 69.93	12.6 10.5 12.2 16.8 14.1		FSA Fsa — FSA
51 52 53 54 55	36 83 68 20 82	45 97 99 53 101	RYPIX FSCPX FCYIX VFH ICBMX	Rydex Transportation Inv Fidelity Select Consumer Discretionary Fidelity Select Industrials Vanguard Financials ETF ICON Natural Resources S	Cycls Consmr Cycls FinServ Cycls	* * * *	* * * *	* * * *	1.3 2.5 2.1 1.5 2.3	12.6 11.9 13.6 13.1 13.7	22.4 22.1 17.8 20.0 16.9	62.14 41.45 36.79 70.04 16.00	15.7 11.9 13.4 14.4 17.2	  	FSa Fsa Fsa — FSA
56 57 58 59 60	146 64 90 81 61	162 65 89 84 61	FNARX VIS IRFAX XLY IYT	Fidelity Select Natural Resources Vanguard Industrials ETF Cohen & Steers Intl Realty A (NL@Schwab) SPDR Consumer Discret Select Sector ETF iShares Transportation Average ETF	NatRes Cycls RealEs Consmr Cycls	* * * *	* * * *	* * * *	7.3 1.9 3.4 2.5 3.5	17.3 11.9 10.3 10.9 11.8	-0.1 21.5 23.0 22.8 18.8	30.10 142.40 12.02 98.69 191.60	22.1 12.8 11.6 12.1 15.1		Fsa — fSa —
61 62 63 64 65	72	77 147 81 167 47	PHO IXC VCR FSENX FWRLX	PowerShares Water Resources ETF iShares Global Energy ETF Vanguard Consumer Discretionary ETF Fidelity Select Energy Fidelity Select Wireless	NatRes NatRes Consmr NatRes Comm	* * * *	* * * *	* * * *	-0.7 4.5 2.3 7.3 1.1	12.4 16.3 10.6 17.7 10.4	23.6 5.5 22.8 -2.6 24.4	30.27 35.54 156.00 44.69 10.12	14.9 18.7 12.0 22.1 11.8	  	— — Fsa Fsa
66 67 68 <b>79</b> <b>92</b>		66 171 151 <b>80</b> <b>91</b>	IYF USERX GSG FPURX VWELX	iShares US Financials ETF US Global Investors Gold (.05%r<7d) iShares S&P GSCI Commodity-Indexed Trust Fidelity Puritan Vanguard Wellington Inv (closed)	FinServ PrecMet NatRes Hybrid Hybrid	*     *     B     B	* * * * *	* * * *	1.4 8.6 3.8 <b>0.9</b> <b>1.3</b>	12.0 10.3 16.1 <b>9.3</b> <b>8.1</b>	19.6 13.1 3.9 <b>18.7</b> <b>14.7</b>	119.40 7.96 16.28 <b>23.42</b> <b>42.03</b>	13.0 40.0 20.8 <b>7.6</b> <b>7.0</b>	- - - -	FSA Fsa fsa
149 156	124	83 94 106 135 121	FBALX VBINX FRIFX VGSIX BERIX	Fidelity Balanced Vanguard Balanced Index Inv Fidelity Real Estate Income Vanguard REIT Index Inv Berwyn Income (1%r<30d)	Hybrid Hybrid RealEs RealEs Hybrid	B B * * B	* * * *	* * B B	0.6 0.8 0.1 -0.2 0.6	7.3 7.0 1.8 2.2 1.4	16.5 13.8 7.3 4.8 3.9	23.73 34.72 11.99 27.56 13.42	7.6 6.4 5.3 15.1 3.8	_ _ _ _	Fsa fsa Fsa fsa fsa

<b>Bond Fund</b> 12/31/2017	ds			Mod	Ventureson	<sup>2</sup> / <sub>2</sub>	AL RETU	RN	PRICE			
Ticker Symbol	FUND NAME	Fund Type	Š	97.7W	Venturesons	1 mo.		12 mo.	PER SHARE	Std. Dev.	Yield	NTF/ wtf
EVBLX FFRHX BKLN PRFRX BUFHX	Eaton Vance Floating Rate A Fidelity Floating Rate High Inc PowerShares Senior Loan T. Rowe Price Floating Rate (2%r<90d) Buffalo High-Yield (2%r<180d)	BnkLoan BnkLoan BnkLoan BnkLoan HighYld	B B B B	B B B B	* * * * *	0.3% <b>0.4</b> 0.3 0.4 0.4	1.8% <b>2.0</b> 1.4 1.9 2.1	4.1% <b>3.9</b> 2.1 3.5 6.0	\$9.30 <b>9.62</b> 23.04 9.87 11.21	3.1 <b>3.0</b> 2.9 2.1 3.2	3.57% <b>4.01</b> 3.50 4.04 4.06	FSA Fsa — fsA FSA
FAGIX SPHIX JAHYX NTHEX PHYDX	Fidelity Capital & Income Fidelity High Income Janus Henderson High Yield T Northeast Investors PIMCO High Yield D	HighYld HighYld HighYld HighYld HighYld	* * * *	* * * *	* * * * *	0.6 0.6 0.6 1.5 0.2	5.0 3.4 2.4 2.1 1.9	11.7 8.6 6.1 4.7 6.6	10.30 8.96 8.46 4.73 8.96	5.7 5.9 4.2 11.5 4.8	3.97 5.40 5.85 6.34 4.76	Fsa Fsa FSA fa FSA
JNK PRHYX TGHNX VAGIX VWEHX	SPDR Barclays Capital High Yield Bond T. Rowe Price High Yld (closed,2%r<90d) TCW High Yield Bond N Value Line Core Bond Fund Vanguard Hi-Yield Corp Inv	HighYld HighYld HighYld HighYld HighYld	* * * *	* * * *	* * * * *	0.3 0.5 0.2 0.4 0.3	1.8 2.7 1.9 1.2 2.1	6.5 7.4 6.0 3.5 7.0	36.72 6.76 6.39 14.94 5.92	6.0 5.0 2.9 2.6 4.3	5.17 5.50 4.13 2.27 4.85	fsA FSA FSA fsa
BEGBX FNMIX EMB PYGFX PEMDX	American Century International Bond Inv Fidelity New Markets Income iShares JPM USD Emerging Markets Bond Payden Global Fixed Income PIMCO Emerging Markets D	Int'l Int'l Int'l Int'l Int'l	* * * *	* * H *	* * * *	0.4 0.9 1.2 0.4 0.7	3.6 3.3 4.3 2.1 3.5	10.4 10.1 10.3 4.1 10.2	13.18 16.22 116.10 9.12 10.62	7.4 6.6 5.4 2.5 7.4	0.00 5.29 4.56 1.91 4.74	FSA Fsa FsA FSA
PCY PREMX RPIBX VGOVX VWOB	PowerShares Emerg Mkts Sovereign Debt T. Rowe Price Emerging Mkts (2%r<90d) T. Rowe Price Intl Bond (2%r<90d) Vanguard Emerg Mkts Govt Bd Index (.75%) Vanguard Emerg Mkts Govt Bd Index ETF	Int'l Int'l Int'l Int'l Int'l	* * * *	* * * *	* * * * *	1.2 0.1 0.6 0.4 0.8	3.3 2.1 3.9 2.7 3.0	9.7 8.5 11.0 8.2 8.4	29.54 12.48 9.06 10.06 80.27	6.2 6.1 7.5 4.9 4.9	4.80 5.78 1.29 4.46 4.63	fsA fsA a —
BNDX VTIBX TGINX ACITX DODIX	Vanguard Total Intl Bd Index ETF Vanguard Total Intl Bd Index Inv TCW Emerging Markets Inc N American Century Inflation Adj Bond Inv Dodge & Cox Income	Int'l Int'l Int'l IntTerm IntTerm	* * * *	* * * *	* * * * *	0.3 0.0 1.1 1.0 0.4	1.8 1.8 4.7 2.2 1.6	2.4 2.3 11.1 4.5 4.4	54.37 10.85 11.00 11.65 13.76	2.9 2.9 5.7 3.7 2.6	2.24 2.21 5.29 2.16 2.75	fsa FSA FSA fsa
DLTNX FINPX FBNDX FTBFX AGG	DoubleLine Total Return Bond N Fidelity Inflation-Protect Bond (closed) Fidelity Investment Grade Bond Fidelity Total Bond iShares Barclays Aggregate Bond	IntTerm IntTerm IntTerm IntTerm IntTerm	H * * <b>B</b> *	H * * <b>B</b> *	*	0.3 1.0 0.3 <b>0.4</b> 0.5	1.1 2.0 1.3 <b>1.5</b>	3.4 2.7 3.8 <b>4.2</b> 3.6	10.62 11.95 7.92 <b>10.64</b> 109.33	2.0 3.7 3.0 <b>2.9</b> 2.8	3.40 0.21 2.18 <b>2.73</b> 2.38	FSA Fsa Fsa —
TIP MGFIX MBDFX PTMDX PRRDX	iShares Barclays TIPS Bond Managers Bond Service Managers PIMCO Bond (\$100k) PIMCO Mortgage-Backed Securities D PIMCO Real Return D	IntTerm IntTerm IntTerm IntTerm IntTerm	* * * *	* * * *	* * * * *	0.9 0.4 0.5 0.0 1.0	2.1 2.0 1.4 1.2 2.1	2.9 6.8 3.9 3.6 3.5	114.08 26.97 10.14 10.52 11.06	3.5 3.2 3.2 1.8 4.0	2.07 3.21 2.10 2.65 2.17	FSA fsa FSA FSA
PTTDX SCHZ SCHP <b>TOTL</b> PRCIX	PIMCO Total Return D Schwab U.S. Aggregate Bond ETF Schwab U.S. TIPS ETF SPDR DoubleLine Total Return Tactical T. Rowe Price New Income	IntTerm IntTerm IntTerm IntTerm IntTerm	* * * <b>H</b> *	* * * H	* * * * *	0.6 0.3 1.0 <b>0.2</b> 0.5	1.5 1.0 2.2 <b>0.5</b> 1.4	4.8 3.5 3.0 <b>3.6</b> 4.0	10.27 52.04 55.43 <b>48.64</b> 9.49	3.2 2.8 3.6 — 2.8	2.33 2.39 2.23 <b>2.99</b> 2.66	FSA — — fsA
USAIX VIPSX VFICX VBIIX VMBS	USAA Income Vanguard Inflation Protected Securities Vanguard Interm-Term Investment-Grade Vanguard Intermediate-Term Bond Index Vanguard Mortgage-Backed Secs ETF	IntTerm IntTerm IntTerm IntTerm	* * * *	*     *     *     H	* * * * *	0.4 0.9 0.3 0.3	1.8 1.9 1.3 0.9 <b>0.9</b>	5.2 2.8 4.2 3.8 <b>2.5</b>	13.14 13.04 9.75 11.36 <b>52.44</b>	3.2 3.6 3.2 4.0 <b>1.8</b>	3.31 2.32 2.52 2.33 <b>2.16</b>	fSA fsa fsa fsa
BND VBMFX WTIBX TLT LQD	Vanguard Total Bond Market ETF Vanguard Total Bond Market Index Inv Westcore Plus Bond iShares Barclays 20+ Year Treasury Bond iShares iBoxx \$ Invest Grade Corp Bond	IntTerm IntTerm IntTerm LngTerm LngTerm	* * * *	* * * *	* * * * *	0.5 0.4 0.5 1.8 1.2	1.2 1.1 1.6 2.9 2.7	3.6 3.5 4.7 9.2 7.1	81.56 10.75 10.71 126.86 121.56	3.1 3.0 2.8 11.2 4.7	2.50 2.21 3.43 2.23 3.11	fsa FSA —
PRPIX PRULX VBLTX VWESX VUSTX	T. Rowe Price Corporate Income T. Rowe Price U.S. Treasury Long-Term Vanguard Long-Term Bond Index Inv Vanguard Long-Term Investment-Grade Inv Vanguard Long-Term Treasury Inv	LngTerm LngTerm LngTerm LngTerm LngTerm	* * * *	* * * *	* * * * *	0.7 1.7 1.9 2.2 1.8	2.4 2.7 4.2 5.3 2.8	6.6 8.2 10.8 11.9 8.6	9.66 12.82 14.42 10.65 12.41	4.0 10.7 8.5 7.6 11.1	3.21 2.47 3.30 3.57 2.41	fsA fsA fsa fsa fsa
FSICX JAFIX LSBDX LSBRX PONDX	Fidelity Strategic Income Janus Henderson Flexible Bond T Loomis Sayles Bond Instl (\$100k) Loomis Sayles Bond Retail PIMCO Income D	Multi Multi Multi Multi Multi	* * * *	* * * *	* * * * *	0.1 0.3 0.4 0.4 0.3	2.8 1.0 1.5 1.4 3.0	7.7 3.6 7.5 7.2 8.2	11.05 10.35 13.76 13.69 12.41	3.8 2.6 5.5 5.5 2.2	3.31 2.84 3.64 3.40 5.02	Fsa FSA fsa FSA FSA
RPSIX PRSNX THOPX <b>VFSTX</b> BTTRX	T. Rowe Price Spectrum Income T. Rowe Price Strategic Income Thompson Bond Vanguard Short-Term Inv Grade Inv American Century Zero Coupon 2025 Inv	Multi Multi ShtTerm <b>ShtTerm</b> ZeroCpn	* + H <b>H</b> *	* * H <b>H</b> *	* * * * *	0.6 0.5 0.3 <b>0.0</b> 0.4	2.9 2.0 1.3 <b>0.5</b> 0.4	7.0 6.3 4.7 <b>2.0</b> 4.6	12.75 11.43 11.39 <b>10.63</b> 99.28	3.5 3.2 3.9 <b>1.2</b> 6.5	3.27 3.41 3.06 <b>1.81</b> 3.32	fsA fsA FSA <b>fsa</b> FSA

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(continued from page 2)

The most important thing to do now is to manage your expectations while consolidating and preserving past gains. After a year like 2017, we should all be satisfied with returns in the 7-10% range, closer to the historical norm.

## The Fourth Quarter 2017 Report

At the risk of repeating ourselves, "what a quarter!" Just as we saw during the previous three reporting periods, the 4th Quarter delivered strong risk-adjusted returns for the model portfolios. For the full year, our models enjoyed their best performance since 2013.

	Ta	ble 1			
2017	4th Qua	rter Pe	forman	ce	
Portfolio	1Q	2Q	3 <b>Q</b>	4Q	2017
<b>M</b> ONEYLETTER					
Venturesome	3.0%	4.0%	4.8%	3.5%	16.2%
Moderate	1.3	1.6	3.5	2.6	9.3
Conservative	2.7	2.7	2.5	3.1	11.5
FIDELITY					
Venturesome	5.5	4.1	5.5	5.5	22.2
Moderate	4.0	2.6	4.0	3.9	15.3
Conservative	4.7	2.9	4.0	4.1	16.6
VANGUARD					
Venturesome	3.9	2.0	4.6	4.3	15.7
Moderate	2.8	1.8	3.5	3.1	11.8
Conservative	3.0	1.8	3.7	3.8	12.7
Asset Allocation	4.5%	<b>3.7</b> %	3.8%	4.0%	17.2%
Funds (Avg. of 1,4	109 fun	ds)			
Vanguard 500	6.0	3.1	4.5	6.6	21.7

The top performing fund list contains seven domestic funds, although the #1 fund for the reporting period was Fidelity China Region (ticker: FHKCX). The top domestic performer was PRIMECAP Odyssey Growth (POGRX), registering +9.2% for the quarter.

#### Table 2

# 2017 4th Quarter Top Performing Funds (Funds Held Throughout the 4th Quarter)

(runus field finoughout the 4th	Quarter)
Fund	Total Return
Fidelity China Region	10.0%
PRIMECAP Odyssey Growth	9.2
Fidelity Emerging Markets	8.4
Fidelity Blue Chip Growth	7.1
Fidelity Contrafund	6.8
Vanguard Mega Cap Growth ETF	6.7
Vanguard Morgan Growth Inv	6.1
Vanguard U.S. Growth Inv	6.1
Fidelity OTC	6.0
American Century Emerging Mkts Inv	5.7
Asset Allocation	4.0%
Funds (Avg. of 1,409 funds)	
Vanguard 500 Index Fund	6.6

#### 100% U.S. TREASURY FUNDS

	7-Day	30-Day	1-Year
Gabelli US Treasury MMF/Cl AAA	1.14%	1.10%	0.72%
PNC Treasury MMF/Cl A	0.91	0.92	0.59
Fidelity Treasury Only MMF	0.88	0.81	0.40
Amer Century Capital Presv Fund/Inv	0.76	0.72	0.35
BIF Treasury Fund	0.71	0.67	0.26
Western Asset US Treas Res/Cl N	0.70	0.65	0.27
JPMorgan 100% US Treas Secs MMF	0.67	0.61	0.27
Schwab US Treasury Money Fund	0.64	0.59	0.25
Wells Fargo 100% Treas MMF/Cl A	0.61	0.56	0.22
Ready Assets US Treasury MF	0.49	0.49	0.41

#### **GENERAL PURPOSE TAXABLE FUNDS**

	7-Day	30-Day	1-Year
Vanguard Prime MMF/Investor	1.37%	1.29%	0.97%
Invesco Premier Portfolio/Inst	1.35	1.28	0.99
Fidelity Money Market Fund	1.21	1.10	0.84
Northern MMF	1.20	1.09	0.81
Schwab Retirement Advantage MF	1.15	1.07	0.72
Dreyfus BASIC MMF	1.08	0.97	0.68
T. Rowe Price Cash Reserves Fund	1.08	0.98	0.66
Western Asset Prime Oblig MMF/Cl A	1.03	0.93	0.65
Putnam MMF/Cl A	1.00	0.91	0.58
USAA Money Market Fund	0.98	0.89	0.53

#### **TAX-FREE GENERAL PURPOSE FUNDS**

	7-Day	30-Day	1-Year
BNY Mellon National Muni MMF/Cl M	1.16%	0.82%	0.50%
Northern Municipal MMF	1.09	0.87	0.89
Vanguard Municipal MMF/Investor	1.08	0.93	0.69
Amer Century T-F MMF/Inv Class	0.93	0.69	0.41
T. Rowe Price Tax-Exempt MF/Inv	0.87	0.70	0.38
Fidelity Municipal MMF	0.85	0.71	0.48
T. Rowe Price Summit Muni MMF	0.82	0.65	0.39
Fidelity Tax-Exempt MMF	0.79	0.64	0.41
Morgan Stanley T-F Daily Inc Tr/R	0.71	0.54	0.22
USAA Tax Exempt MMF	0.71	0.57	0.44
Morgan Stanley T-F Daily Inc Tr/R	0.71	0.54	0.22

#### TAX-FREE STATE-SPECIFIC FUNDS

7-Day 30-Day 1-Year

Vanguard NY Muni MMF	1.06%	0.91%	0.67%
Vanguard PA Muni MMF	1.06	0.88	0.63
Vanguard NJ Muni MMF	1.03	0.88	0.63
Vanguard CA Muni MMF	1.00	0.85	0.64
Federated NY Muni Cash Tr/Wealth	0.97	0.84	0.60
Federated CA Muni Cash Tr/Wealth	0.92	0.80	0.59
Fidelity NJ AMT T-F MMF	0.92	0.77	0.55
Fidelity MA AMT T-F MMF	0.91	0.74	0.52
Amer Century CA T-F MMF/Inv Class	0.89	0.64	0.39
Fidelity NY AMT T-F MMF	0.89	0.76	0.55

**Taxable equivalent yield = yield / (1-total effective tax bracket).** 7-day and 30-day yields are compound yields as of 12/26/17. Third column refers to 1-year total return. Criteria for inclusion include: top-yielding unrestricted retail funds only, with minimum initial investment < \$25,000 and assets > \$50 million.

Source: iMoneynet's Money Fund Report (800) 343-5413

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four holdings notably outpaced the S&P 500, contributing markedly to results.

Akre Focus was recently added to the *Moneyletter* Conservative model portfolio.

Akre Focus Retail Class (AKREX)

(877) 862-9556 • Minimum investment \$2,000, \$1,000 IRA 1% redemption fee within 30 days.

Cynthia Andrade (CFA), Contributing Editor Cyndi has been a financial writer and editor since 1980.

# Akre Focus: Emphasizing "All-Weather Businesses"

The three managers of Akre Focus liken their investment process to a "three-legged stool." What Charles Akre, Jr., John Neff, and Thomas Saberhagen aim to do is invest in great businesses that have high returns on capital and high free cash flow, in large part thanks to having significant barriers to entry and pricing power.

The three legs to that stool are: business, management, and reinvestment. Under business, the managers look for enduring and predictable returns on equity and free cash flow; identifiable and sustainable competitive advantage; and strong pricing power and balance sheets. Management must have exceptional skill, integrity, and passion; rational compensation; and be indifferent to the short-term focus of Wall Street. And for the reinvestment leg, the managers target a pattern of disciplined reinvestment and opportunities for the reinvestment of free cash flow to grow the business.

Stock pricing also matters, as purchase valuations significantly affect compounded returns. Neff recently told The New York Times, "Our job is to be as discriminating as we can in identifying these three-legged stool businesses and to be discriminating in what we pay for them. If we're not seeing opportunities that meet that hurdle, it [cash] sits." In fact, the fund is notable for having large cash positions at times, often up to the mid-teens in percent of assets. The cash position serves to avoid having to sell to meet redemptions, to be able to buy stocks on dips, or simply accumulates if the managers do not find attractive investments. At the end of the third quarter, cash was at about an all-time low of 0.1% of assets, compared to 4.3% as of June 30 and 9.0% at the end of September 2016.

#### **Top Five Equity Sectors and Holdings** (% of Total Net Assets) **Information Technology** 25.4 American Tower 12.6 **Financials** 24.9 Moody's 11.2 Consumer Discretionary 20.0 **MasterCard** 9.5 **Real Estate** 18.7 Visa 8.0 8.7 Markel 7.1 **Industrials**

### As of September 30, 2017

"Bottleneck" businesses

#### One theme in the portfolio is what Neff terms "bottleneck" or "toll-bridge" businesses. These are companies that operate at a "choke-point" in the economy. Two prime examples are MasterCard and Moody's.

MasterCard should benefit from growth in the volume of electronic payments. The managers note that about 85% of the world's purchase transactions today use cash and checks. That presents an enormous opportunity for MasterCard, which should profit from the secular movement of purchase transactions to electronic payments. This shift will be propelled by the growth in e-commerce, new acceptance of cards in various locations/categories, increasing use of prepaid cards, and other factors. Top holding Visa will benefit similarly.

Moody's is a global provider of credit rating opinions. Its ratings are critical to the issuance of bonds and other securities. Even though the major ratings agencies (Moody's and Standard & Poor's) drew fire for the classification of some subprime debt as credit-worthy during the financial crisis, these firms continue to dominate the business, and Akre Focus managers do not see that changing. They note, "We consider Moody's ratings business a quintessential 'toll bridge,' earning fees from debt issuers of all kinds to provide efficient access to the debt capital markets." The initial investment in Moody's was in early 2012, and the managers have added to the position during price dips. "Moody's ratings business is exceptional, with proven pricing power, tremendous barriers to entry, high margins, and requires little investment capital to grow."

Meanwhile, top holding American Tower is a key example of a "bottleneck business." Organized as a real estate investment trust, American Tower is the largest independent US-based owner of cell phone towers, and has 72% of its towers outside the US. "We believe that cell towers are the bottleneck business within wireless data and communications, spanning countries, wireless carriers, handset manufacturers, and connected devices," say the managers. Increasing demands on networks will cause the need for more towers, more tenants/equipment per tower, and "more high-incremental margin revenue growth for American Tower."

#### Portfolio highlights

This fund's portfolio is highly concentrated, with only 23 holdings. It consists of core positions (highest conviction, usually a top ten holding) and workbench holdings (newer buys, and those being monitored as the investment thesis develops). And as long as its investment thesis remains intact and viable, the fund will hold portfolio holdings indefinitely; meaning turnover is a low 10% annually. In every calendar year since 2010, the fund has ranked within the top 30% of Morningstar's large growth category. In 2017 the fund gained 30.5%, compared to 27.7% for the category average and 21.8% for the S&P 500. Its top

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