

FIDELITY MONITOR & INSIGHT

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MESSAGE FROM JACK

Select & Sector Model Updates

It's been a year since the industry's benchmark designers created the new communication services sector by merging selected stocks from the technology and consumer discretionary groups with the former telecom sector. We

embraced **Select Multimedia** early on and overweighted it ahead of the fund's formal conversion to **Select Communication Services** in early December of last year.



Jack Bowers

It worked out well. The new Select has been a strong performer over the last 12 months (up 16.0% vs. 14.3% for the S&P 500). At any rate, last month we modestly reduced our Communication Services position in favor of **Industrials** (see p. 3). The latter stands to benefit from the world's major central banks "easing" interest rates. In effect we're wagering that the global economic slowdown has pretty much run its course, and that a cyclical rebound may be in the cards for 2020.

Separately, some readers have asked for an ETF version of the *Select Model*. We're not planning to do that because it would drastically reduce (from 38 to 10!) the number of fund choices. Granted, a passive approach would have helped performance during the past five years of "index mania," but it's not clear that will continue to be true going forward. (Using Fidelity's ETFs in place of our model holdings over the last 12 months would have reduced the *Select Model's* gains by about a quarter percentage point.)

However, for those who remain big believers in low expense ratios, it's easy enough to substitute Fidelity's sector ETFs. We would suggest using our *Annuity Sector Model* (summarized each month on page 10) as it's limited to the 10 major groups, all of which have an ETF "twin" (on page 8). Our *Select Model*, in contrast, sometimes ventures off into sub-sectors for which no ETF alternative exists.

Following is a review of all six current holdings in our *Select Model*. Their counterparts are also held in the *Annuity Sector Model* on p. 10.

Communication Services [FBMPX] holds telecom, cable, and old-line media firms along with several FANG

Sector Funds *cont'd on page 11*

MARKET OUTLOOK

Stocks Climb Wall Of Worry

There was more hand-wringing over the state of the economy last month, as much of the data pointed to further weakness. Forecasts of third-quarter GDP fell from 2.2% to 1.6% (more on that later). But apparently, someone forgot to send the memo to the markets that a recession is nigh. Last month stocks rose solidly — pushing the S&P 500 to a new record high (and the Nasdaq followed suit on November 1). In addition, some investors have started to nibble a bit on cyclical (economically sensitive) stocks. (We just added to our cyclical exposure — see Portfolio Trades box on p. 3.) This is exactly the opposite of what you would expect if the market was anticipating a recession.



John M. Boyd

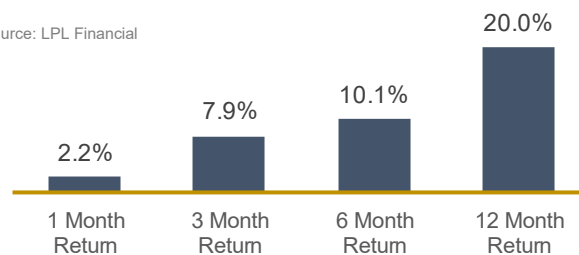
So what is going on? Well, here are a few things the market may be digesting.

The Fed's Three Rate Cuts

On October 30, the Fed cut rates for a third time this year, all in the second half. An old Wall Street saying is "three steps and stumble," referring to the market turning down after three rate hikes. Does it work in the other direction — "three cuts and celebrate?" It seems so. LPL Financial took a look at what has happened after the Fed cut rates by 25 basis points three times in succession and found that, on average, the S&P 500 rose by 10% six months after the third cut and 20% after one year.

Average S&P 500 Performance After Three 25 Basis Point Cuts

Source: LPL Financial



In particular, the last two instances 1995-'96 and 1998, are similar to today's situation, where problems abroad were in danger of spilling over into our economy and the Fed "took out insurance" to keep our economic expansion going. While those efforts were quite success-

Market Outlook *cont'd on page 3*

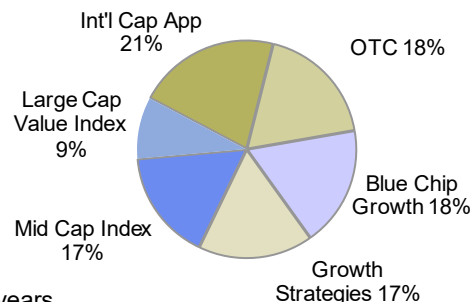
Unique Opportunities Target Risk: 1.20 (Current: 1.03) Foreign Holdings: 22.5% **YTD Return: 22.2%**

Stocks: 99.1% Bonds: 0.0% Cash: 0.9% Alternatives*: 0.0% Yield: 0.6%

Holdings	Ticker	NAV	Shares	Value	Oct Ret
Int'l Cap App	FIVFX	\$22.41	5,602.75	\$125,558	2.3%
OTC	FOCPX	11.82	9,219.69	108,977	3.7
Blue Chip Growth	FBGRX	98.86	1,076.19	106,393	4.1
Growth Strategies	FDEGX	48.61	2,076.30	100,929	2.3
Mid Cap Index	FSMDX	22.87	4,275.61	97,783	1.1
Large Cap Value Index	FLCOX	12.85	4,253.55	54,658	1.3

Current Value (3/31/99 = \$100,000) \$594,297 2.6%

For aggressive members who have no need for income or principal for more than 10 years,



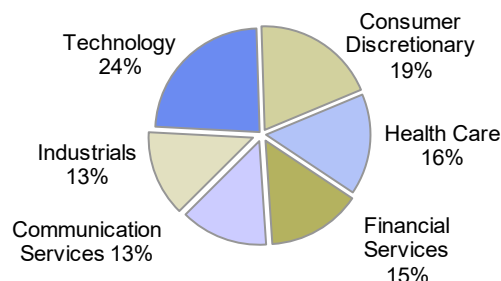
Select Target Risk: 1.20 (Current: 1.12) Foreign Holdings: 5.6% **YTD Return: 24.0%**

Stocks: 99.6% Bonds: 0.0% Cash: 0.5% Alternatives*: 0.0% Yield: 0.5%

Holdings	Ticker	NAV	Shares	Value	Oct Ret
Technology	FSPTX	\$18.35	58,501.09	\$1,073,495	4.4%
Consumer Discretionary	FSCPX	47.23	18,391.66	868,638	0.2
Health Care	FSPHX	25.32	28,168.13	713,217	6.7
Financial Services	FIDSX	10.64	62,010.61	659,793	1.9
Communication Services	FBMPX	64.06	9,567.38	612,886	2.6
Industrials	FCYIX	34.61	17,499.37	605,653	-0.9

Current Value (12/31/88 = \$100,000) \$4,533,682 2.7%

For aggressive members who have no need for income or principal for more than 10 years.



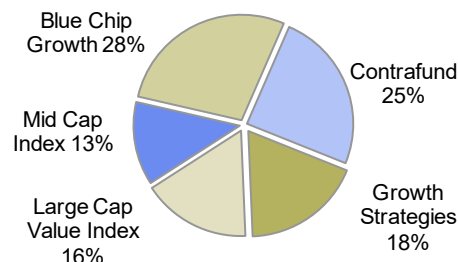
Growth Target Risk: 1.00 (Current: 1.05) Foreign Holdings: 4.6% **YTD Return: 20.9%**

Stocks: 99.7% Bonds: 0.0% Cash: 0.3% Alternatives*: 0.0% Yield: 0.7%

Holdings	Ticker	NAV	Shares	Value	Oct Ret
Blue Chip Growth	FBGRX	\$98.86	8,662.10	\$856,335	4.1%
Contrafund	FCNTX	13.22	57,128.71	755,242	2.8
Growth Strategies	FDEGX	48.61	11,528.85	560,417	2.3
Large Cap Value Index	FLCOX	12.85	39,416.86	506,507	1.3
Mid Cap Index	FSMDX	22.87	17,143.48	392,071	1.1

Current Value (12/31/86 = \$100,000) \$3,070,572 2.6%

For moderately aggressive members who want equity-dominated portfolios and have no income needs for at least 10 years.



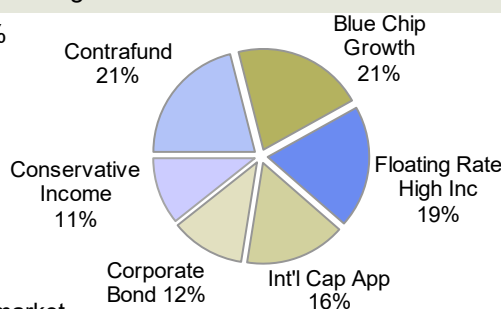
Growth & Income Target Risk: 0.66 (Current: 0.67) Foreign Holdings: 28.8% **YTD Return: 14.5%**

Stocks: 57.3% Bonds: 22.1% Cash: 2.0% Alternatives*: 18.6% Yield: 1.6%

Holdings	Ticker	NAV	Shares	Value	Oct Ret
Contrafund	FCNTX	\$13.22	11,908.38	\$157,429	2.8%
Blue Chip Growth	FBGRX	98.86	1,573.54	155,560	4.1
Floating Rate High Inc	FFRHX	9.38	15,615.34	146,472	-0.5
Int'l Cap App	FIVFX	22.41	5,342.60	119,728	2.3
Corporate Bond	FCBFX	12.17	7,227.85	87,963	0.6
Conservative Income	FCONX	10.05	7,977.67	80,176	0.3

Current Value (12/31/93 = \$100,000) \$747,327 1.8%

A good choice for members retiring in 5-10 years looking for less volatility than the market.



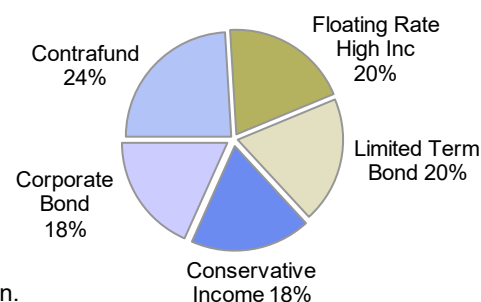
Income Target Risk: 0.33 (Current: 0.33) Foreign Holdings: 22.1% **YTD Return: 10.1%**

Stocks: 23.9% Bonds: 54.0% Cash: 3.0% Alternatives*: 19.1% Yield: 2.2%

Holdings	Ticker	NAV	Shares	Value	Oct Ret
Contrafund	FCNTX	\$13.22	7,731.81	\$102,215	2.8%
Floating Rate High Inc	FFRHX	9.38	8,899.16	83,474	-0.5
Limited Term Bond	FJRLX	11.70	7,079.86	82,834	0.5
Conservative Income	FCONX	10.05	7,808.45	78,475	0.3
Corporate Bond	FCBFX	12.17	6,402.56	77,919	0.6

Current Value (12/31/91 = \$100,000) \$424,917 0.8%

For members needing income and protection of their purchasing power against inflation.



Market Outlook *cont'd from page 1*

ful, one significant difference is the level of rates when the cuts began — 6.0% in 1995 and 5.5% in 1998 versus 2.5% last July. So the response this time may be more muted, but the point is that the market will still likely respond positively.

It takes time for Fed rate cuts (or hikes) to work their way through the economy, so we are likely just seeing the early stages of the benefits from the cuts. I've noted in the past how housing — one of the most rate-sensitive areas — has already begun to improve. And pending home sales suggest further gains in the months ahead.

Easing Trade Tensions

Trade negotiations with China took a positive turn in October, at least according to most commentators. However, I am less optimistic about the prospect of any real progress. So far it seems like China just keeps offering to buy more soybeans, in exchange for us dropping all tariffs. I think the news will turn negative again before any deal is reached and that could take a while.

Thin Reeds

The market may also be sensing that the manufacturing slump (which triggered recession fears) is nearing an end. Data for September offered up a few “thin reeds” in terms of flash (early) readings of Purchasing Managers Indexes (PMIs). The flash U.S. Manufacturing PMI came in at 51.5 versus 51.1 in August and the U.S. Manufacturing Output gauge came in at 52.7 versus 51.8. The improvements are slim but importantly the direction was up, not down, and both are above 50 (meaning expansion). Both readings are also at 6-month highs.

FUNDS YOU SHOULD BUY NOW

Growth: Blue Chip Growth, Growth Co. and **OTC** are aggressive large-cap options; **Contrafund** is more conservatively positioned. **Growth Strategies** provides active mid-cap exposure while **Mid Cap Index** is a lower-cost way to hold companies with market caps of \$2-10 billion.

Growth & Income: Large Cap Value Index holds attractively valued stocks such as financials and health care, which also help to boost its yield (2.6%) above the S&P 500 (2.0%).

International: International Cap App invests 72% of its assets in developed foreign markets; most of the balance is in emerging markets (13%) and U.S. (11%) stocks.

High-Yield: Floating Rate High Income's lower-quality bank loans drive its 5.24% yield.

Taxable Bond: Conservative Income Bond limits interest-rate risk with its extremely short duration; **Limited-Term Bond** reaches a bit further for yield with more rate-risk, while **Corporate Bond** boosts its yield with lower-credit and more interest-rate-sensitive bonds.

Muni Funds: Tax-equivalent yields are currently attractive. ■

GDP Better-Than-Expected

At the end of October, the first estimate for third-quarter GDP came in at 1.9%, a small down-tick from the second-quarter's 2.0%, but much better than the 1.6% estimate just before the release. The aforementioned rebound in the housing sector contributed to economic growth for

the first time in nearly two years. And importantly, consumer spending (about 70% of all U.S. economic activity) rose a healthy 2.9%. In short, the economy continues on a path of non-inflationary modest growth — a solid environment for stocks. ■

— John M. Boyd

MODEL PORTFOLIO TRADES

As announced on our Hotline message of Friday October 25, on Monday October 28, we made the following model portfolio trades:

Select Model:

We sold 1/8th of our position in **Select Communication Services** [FBMPX] down to 13% of the model (from 16%) and with the proceeds increased our stake in **Select Industrials** [FCYIX] to 13% (up from 11%).

Annuity Sector Model:

We sold 1/8th of our position in **VIP Communication Services** [FVTAC] down to 15% of the model (from 17%) and with the proceeds increased our stake in **VIP Industrials** [FBALC] to 14% (up from 12%).

Remember that fund tickers differ among versions of Fidelity's annuity offerings, so the above VIP tickers may not match yours, but the underlying funds are the same.

Trade Rationales: These trades modestly rebalance our models without altering their relative volatility (risk). Both communication funds have fared very well this year and so we've taken some gains. At the same time, as we're optimistic that the economy will skirt recession, economically sensitive cyclicals (such as industrials) stand to benefit. ■

Model Portfolios Key:

¹Alternative investments include such areas as high-yield bonds, commodities, real estate. Portfolio trades and total returns do not take taxes into account. Some percentage figures may not sum to 100 due to rounding. Dividends are reinvested. Consider the tax implications of trades before you decide to buy or sell any fund. Any trades are detailed on p. 3 and are announced on regularly scheduled Friday evening Hotline updates via e-mail, and web **Annuity Model Portfolios** are on p. 10.

INVESTMENT STRATEGIES

Tech And Growth's Existential Threat

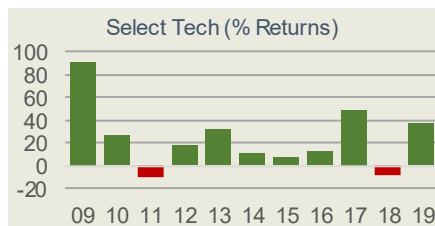
Shares of technology stocks have soared this year. **Select Technology** [FSPTX], a holding in our *Select Model*, is up 36.7%. In turn, tech has been the primary performance-driver for many a growth fund.

For example, **Growth Strategies** [FDEGX] and **OTC** [FOCPX] have vied this year for bragging rights as Fidelity's top-performing growth fund. Up 28.2% and 27.3%, respectively, we're fortunate that both are model portfolio holdings. Their secret sauce? They're both over 40% invested in tech.

That tech, and the growth funds that invest heavily in it, have fared so well this year isn't that surprising. For one thing, the fourth quarter of 2018 was a disaster for both

groups. During that period, **Select Technology** plunged 22.5% and fell 8.8% for the year. More broadly, the average large-cap growth fund lost 16.7% and 3.3% during the same periods. In other words, despite tech's considerable gains this year, over the past 12 months gains are far more modest and so tech valuations are not really that elevated.

Nevertheless, there are other longer-term concerns for tech and the broader growth arena.



Over the past 10 years (2009 - '18), **Select Technology's** average annual return has been 19.9%. This year the fund is up 37%, raising concerns among some that valuations are frothy.

The biggest existential threat may be global government intervention. Among a litany of problems are antitrust lawsuits against Alphabet's Google; fines, regulation and free speech challenge Facebook. And there's even President Trump placing Jeff Bezos's Amazon in his political crosshairs.

If history is prologue, tech disruptors (like railroads, Standard Oil, and later AT&T and Microsoft) start off steps ahead of regulators, but are eventually reigned in. Though it's debatable if 1890-era antitrust laws targeting industrials are relevant in today's information age, this much is certain: there's no shortage of trust-busting politicians and bureaucrats wanting to disrupt today's disruptors.

While tech-dependent growth funds still have excellent long-term prospects, they warrant attention. ■

— John Bonnanzio

INCOME INVESTING

Int'l Bond Index Offers Yield, Diversification

At a time when a dozen developed-market nations have issued about \$17 trillion in negative-yielding bonds (meaning that those who hold them to maturity are guaranteeing themselves a loss!), the obvious question is this: Why own them — especially when U.S. Treasuries offer more safety and higher yields?

Just as our own Fed has done, central banks are cutting borrowing costs to institutions to spur growth. At the same time, investors are nervous about the future, with high prices for stocks and other assets among their concerns. As such, pensions and other institutions are simply paying a premium to have a safe, liquid "place" to stash their cash.

In deflation-prone Japan, where inflation is only 0.6%, around \$6 trillion in sovereign debt has been gobbled up. For its part, the European Central Bank has cut its overnight bank lending rate to -0.5% versus 1.50% to 1.75% for the Federal Reserve.

Enter Fidelity's new **International Bond Index** fund [FBIIX].

Using statistical sampling to reduce the index's 6,100 holdings, its goal is to merely mimic the attributes (and ultimately the performance) of a benchmark whose name hardly rolls off the tongue: the Bloomberg Barclays Global Aggregate ex-U.S. Dollar Float-Adjusted RIC Diversified Index (Hedged).

Because the fund was just launched, no holdings data are available, but the index should be a good gauge for metrics.

On that basis, the fund is almost entirely invested in foreign developed-market, investment-grade bonds. (Only about 4% is in emerging market debt.) Japan is the biggest country slice (20%), although 57% is in Eurobonds. And remember all those negative-yielding sovereign bonds? You won't find them here. Instead, the index (and fund) will be 80% weighted in higher-yielding investment-grade corporates. (Three-fourths of its assets are in bonds rated A and higher.)

So how does Int'l Bond generate

an estimated yield of 2%? Its duration of 8.4 years is even longer than **Corporate Bond's** 7.4 years, though the latter has a bigger stake in lower-quality bonds.

Action Recommendation

Partly because of hedging costs, **International Bond's** expense ratio is 0.06% versus a slender 0.025% for **U.S. Bond Index**. But that's not our primary interest.

As with most bond funds, this one will perform best in a falling rate environment. (That explains the index's year-to-date return of 8.6% — about the same as its U.S. counterpart.) And, from a portfolio management standpoint, even with foreign currency hedging, it further diversifies the typical investor's U.S.-centric portfolio.

Research suggests that over the long-term, a hedged foreign bond fund lowers price volatility while also enhancing risk-adjusted returns. For now, we rate this new offering *Hold* but may consider it for an upgrade at a later date. ■

— John Bonnanzio

FUND COMMENTARY

Everything's Coming Up Roses

Okay. So Halloween spooked the markets. Nevertheless, lower but still better-than-expected third-quarter earnings helped push the S&P 500 into record territory last month.



John Bonnanzio

Up 2.2% in October and 23.2% for the year, the index's recent advance — much of it driven by tech —

belies the fact that gains have become tougher to come by. Following 2018's fourth-quarter selloff, the S&P 500 rebounded 18.2% during the first four months of this year. But in May, escalating trade tensions sent it down 6.4%, and August (down 1.6%) was another reminder that not everything is hunky-dory with the U.S. economy. (See John Boyd's *Market Outlook* on p. 1.)

Market Indexes

Having correctly anticipated a third rate-cut and seeing signs that the Fed's prior cuts were working their way through the economy, both consumer- and investor sentiment improved last month. Also, some believed that trade tensions were easing — though the Chinese dampened that hope on Halloween.

For its part, the Dow Jones Industrial Average gained 0.6% for the month even as Boeing, Exxon Mobil and IBM dragged on its performance. (It's now up 18.2% for the year.)

Better yet, October saw the tech-rich Nasdaq Composite jump 3.7% owing to particularly strong performances by semiconductors. And, in yet another sign of investor confidence, riskier small-caps popped: the Russell 2000 rose 2.6% in October and is now up 17.2% for the year. (Mid-caps gained 1.1% and 23.2%, during those periods.)

Despite last month's near-euphoria over earnings and the like, the truth of the matter is that market-pessimists have plenty of economic data to buttress their concerns. Disappointing results from the Chicago Purchasing Manager's Index is just the latest example, while the broader slowdown in durable goods warrants concern. Granted, some of that is explained by the GM strike. (Now over, it's expected to trim fourth-quarter GDP by a few tenths of a percentage point.) That, coupled with the grounding of Boeing's 737 Max, has contributed to weak U.S. business activity despite today's record-low interest rates.

Stock Funds

Let's start with the name Gordon Scott — a manager whose name and the funds he runs may be unknown to you. Nevertheless, **Export & Multinational** (up 4.7%) and **Dividend Growth** (up 4.6%) outpaced all their peers last month (including far more aggressive growth funds). They did so for a variety of reasons, including the fact that these nearly identical, concentrated, value-oriented funds saw their stock holdings recover lost ground. (Until October, they were among this year's worst-performing equity funds.)

As for Fidelity's more popular offerings (by assets), **Contrafund**

(up 2.8%) outpaced the S&P 500. So did more aggressive funds like **Blue Chip Growth** and **OTC** (up 4.1% and 3.7%, respectively.) For its part, the long-closed **Growth Company** gained 3.9% last month.

Elsewhere, rising tides boosted the eclectic **Low-Priced Stock** fund's fortunes. In spite of its mid-cap value orientation, last month it gained 3.2% in what has otherwise been a lackluster year of performance. Credit a mix of resurgent U.S. small-caps, its top holding (UnitedHealth Group) soaring 18% in October, and even the fund's 7% stake in emerging-markets.

International Funds

Despite violent unrest in Chile, the resurgence of a free-spending Peronist government in Argentina, and a Sinaloa drug cartel humiliating Mexican security forces, **Latin America** remains a hot-performing (though wildly volatile) fund. Up 6.6% in October and 32.1% for the year, performance is driven by its 78% stake in Brazil, whose pro-business environment is less accommodating to its rainforest — a primary source of the country's wealth.

In the developed markets, **Europe** fund (up 3.9%) benefited from optimism that Brexit may finally be nearing a positive conclusion. As for more geographically diversified funds, actively managed

Fund Commentary cont'd on page 12

November Scorecard Rating Changes			
Fund	Ratings		Comments
	Old	New	
Focused High Inc	B	B ↑	We see credit conditions improving (see p. 11).
Int'l Bond Index	NA	H	Launched in October; see p. 4 for profile.
Sel Air Transportation	H	B ↑	Fix for Boeing's 737 Max could help airlines in 2020.
Sel Automotive	S	H ↑	Cost-cutting ahead of electric vehicle-era helping.
Sel Biotechnology	H	B ↑	Valuations no longer sky-high.
Sel Commun's Equip	B	H ↓	5G is fast, but rollout is going slow.
Sel Computers	H	B ↑	Strength in consumer spending should lift sector.
Sel Med Tech & Dev	B	B ↓	This year's gains have pushed valuations a bit higher.
Sel Pharmaceuticals	B	B ↑	Opioid settlements suggest that worst days are behind.
MSCI Utilities	S	S ↑	Cheap natural gas prices help the sector.

B = Buy; **B** = OK to Buy; H = Hold; S = OK to Sell; **S** = Sell; N/C = No Change; NR = No Rating
 (↑) Rating upgraded; (↓) Rating downgraded.

FIDELITY SCORECARD

OCTOBER 31, 2019

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)					Rel Vol (Risk) ¹
					Oct	YTD	3 Mo.	1 Yr	3 Yr	5 Yr	10 Yr	15 Yr	
Comparative Indexes		S&P 500	3037.6		2.2	23.2	2.4	14.3	14.9	10.8	13.7	9.1	1.00
		Nasdaq Composite	8292.4		3.7	26.1	1.7	14.8	18.2	13.6	16.3	11.2	1.19
		Dow Jones Industrials	27046.2		0.6	18.2	1.3	10.3	17.0	11.9	13.6	9.6	1.02
		Russell 2000 (Small Caps)	1562.5		2.6	17.2	-0.4	4.9	11.0	7.4	12.3	8.2	1.40
		Barclays Aggregate Bond*			0.3	8.7	2.3	11.4	3.2	3.2	3.7	2.6	0.27
Model Portfolios		Unique Opportunities			2.6	22.2	-0.1	11.7	12.9	8.3	11.8	8.8	1.03
		Select Growth			2.7	24.0	1.2	13.8	14.7	10.7	14.2	10.4	1.12
		Growth & Income			2.6	20.9	-0.4	12.0	14.2	9.2	12.1	8.1	1.05
		Income			1.8	14.5	0.2	9.3	9.6	7.1	9.4	7.0	0.67
		Income			0.8	10.1	0.8	7.8	4.3	3.7	5.5	4.5	0.33
											Rel Vol (Risk) ¹	Assets (\$Mil)	
LARGE CAP GROWTH					Average	2.8	24.1	1.0	14.2	17.2	11.6	14.7	1.13
312	FBGRX	Blue Chip Growth	98.86	Buy	4.1	22.0	-0.6	14.3	19.3	13.2	16.1	1.19	\$22,158
307	FDCAX	Capital Appreciation	36.16	Hold	2.7	21.8	1.1	12.2	14.8	8.7	13.9	1.04	4,668
22	FCNTX	Contrafund	13.22	Buy	2.8	21.1	-0.6	12.4	16.6	11.9	14.1	1.14	92,690
3	FFIDX	Fidelity Fund	48.54	Hold	2.8	25.1	3.0	15.5	14.8	10.4	12.5	1.00	4,107
333	FTQGX	Focused Stock	25.42	Buy	2.1	21.7	-1.6	15.1	18.8	11.9	14.9	1.14	2,954
25	FDGRX	Growth Company (Closed)	20.09	Buy	3.9	25.4	0.8	12.9	19.9	14.0	16.9	1.32	27,143
339	FDSVX	Growth Discovery	37.32	Buy	3.1	24.1	1.1	15.8	18.9	12.4	15.8	1.11	1,706
73	FDFFX	Independence	38.41	Hold	1.3	24.6	1.2	14.6	15.2	7.9	12.8	1.08	3,448
1829	FLGEX	Lrge Cap Growth Enhcd Index	20.67	OK to Buy	2.7	22.5	1.3	13.2	16.2	11.3	14.3	1.07	1,112
2826	FSPGX	Lrge Cap Growth Index	16.40	Buy	2.8	26.8	2.1	17.0	18.9	--	--	1.09	2,793
21	FMAGX	Magellan	10.98	Hold	1.2	23.7	1.0	14.2	15.4	10.6	12.4	1.07	15,280
1282	FNCMX	Nasdaq Composite Index	108.63	OK to Buy	3.7	26.2	1.8	14.9	18.0	13.5	16.2	1.19	6,825
93	FOCPX	OTC	11.82	Buy	3.7	27.3	1.8	14.0	20.4	14.9	17.6	1.26	12,961
320	FDSSX	Stock Selector All Cap	47.16	OK to Sell	2.3	22.7	1.2	11.7	13.8	9.3	12.8	1.09	7,896
5	FTRNX	Trend	108.86	Buy	2.9	25.7	1.0	15.8	17.3	12.1	15.2	1.11	1,955
LARGE CAP BLEND					Average	2.7	21.6	1.8	11.8	12.8	8.9	12.6	1.04
2328	FXAIX	500 Index	105.66	Hold	2.2	23.2	2.4	14.3	14.9	10.8	13.7	1.00	214,882
315	FDEQX	Disciplined Equity	37.51	OK to Buy	2.3	23.0	0.8	12.0	12.0	8.1	11.1	1.01	1,190
330	FDGFX	Dividend Growth	29.22	Hold	4.6	19.6	2.3	9.6	11.7	7.8	11.9	1.07	5,615
332	FEXPX	Export and Multinational	20.54	Hold	4.7	19.1	2.4	9.2	11.9	8.8	10.7	1.08	1,368
3336	FIFNX	Founders Fund	10.78	OK to Buy	1.6	7.8p	-2.1	--	--	--	--	--	17
27	FGRIX	Growth & Income	39.71	Hold	3.4	21.3	3.2	9.3	11.6	8.2	12.5	1.09	5,988
1827	FLCXX	Lrge Cap Core Enhcd Index	15.80	OK to Buy	2.4	19.7	2.3	11.4	14.4	9.7	13.2	0.99	863
338	FLCSX	Large Cap Stock	32.12	Hold	3.8	22.0	3.2	8.9	12.3	8.3	13.2	1.15	2,406
361	FGRTX	Mega Cap Stock	15.09	Hold	3.7	21.7	3.6	10.1	12.4	8.6	12.8	1.04	1,452
300	FMLX	New Millennium	37.15	Hold	2.0	19.4	0.7	10.2	12.1	8.3	13.0	0.97	2,925
2361	FSKAX	Total Market Index	86.16	OK to Buy	2.1	22.6	1.8	13.4	14.4	10.3	13.6	1.03	47,128
2941	FITLX	U.S. Sustainability Index	13.18	OK to Buy	1.9	23.3	2.5	17.1	--	--	--	--	206
3396	FWOMX	Women's Leadership	10.30	OK to Buy	1.0	3.0p	-1.0	--	--	--	--	--	16
3231	FNILX	Zero Large Cap Index	10.65	OK to Buy	2.2	23.4	2.4	14.5	--	--	--	--	1,159
3227	FZROX	Zero Total Market Index	10.78	OK to Buy	2.2	22.8	2.0	13.6	--	--	--	--	4,161
LARGE CAP VALUE					Average	1.6	17.7	2.1	9.5	9.9	6.9	10.8	0.98
1271	FBCVX	Blue Chip Value	19.74	Hold	2.8	13.6	1.2	5.1	9.0	6.3	9.5	0.93	479
319	FEQTX	Equity Dividend Income	25.61	OK to Buy	1.3	18.8	2.6	10.0	9.5	7.2	10.4	0.99	4,786
23	FEQIX	Equity-Income	60.04	OK to Buy	1.5	20.7	3.3	12.7	10.4	7.5	10.5	0.96	5,322
1828	FLVEX	Lrge Cap Value Enhcd Index	13.41	OK to Buy	1.6	17.5	2.6	9.3	11.3	7.7	12.2	1.02	4,039
2830	FLCOX	Lrge Cap Value Index	12.85	Buy	1.3	19.4	1.9	11.2	10.5	--	--	1.02	2,600
708	FSLVX	Stock Sel Large Cap Value	20.68	Hold	1.0	17.8	1.5	9.9	9.0	6.5	10.5	1.02	432
832	FVDFX	Value Discovery	28.86	OK to Buy	1.7	16.3	1.4	8.3	9.4	6.5	11.5	0.91	2,415
MID-CAP GROWTH					Average	2.1	28.2	-0.7	20.0	14.1	9.8	13.3	1.03
324	FDEGX	Growth Strategies	48.61	Buy	2.3	28.2	-0.3	20.0	14.1	9.8	13.3	1.03	2,728
3403	FMDGX	Mid Cap Growth Index	19.79	Buy	1.9	-1.1p	-1.2	--	--	--	--	--	9
MID-CAP BLEND					Average	1.5	20.5	-0.1	10.6	12.0	8.1	12.9	1.11
2365	FSMAX	Extended Market Index	62.64	Buy	1.9	19.8	-1.3	9.0	12.2	8.1	13.3	1.25	23,755
2012	FMEIX	Mid Cap Enhanced Index	15.03	OK to Buy	1.2	19.8	-0.1	11.0	10.7	7.5	13.0	1.12	1,306
2352	FSMDX	Mid Cap Index	22.87	Buy	1.1	23.2	0.1	13.8	12.3	8.7	--	1.10	11,721
337	FMCSX	Mid-Cap Stock	35.82	OK to Buy	1.4	19.5	0.6	10.9	11.8	8.4	13.1	0.91	5,292
2412	FSSMX	Stock Selector Mid Cap	36.69	OK to Buy	1.2	21.8	0.4	10.6	13.2	8.1	12.3	1.17	351
3230	FZIPX	Zero Extended Market Index	9.66	Hold	2.0	18.8	-0.4	8.0	--	--	--	--	452

Notes: *Fidelity's U.S. Bond Index used as a proxy for the Barclays Aggregate Bond Index. ¹Relative Volatility (Rel Vol) versus the S&P 500 over the last 36 months; 1.50 means the fund has been 50% more volatile. ²Duration is a measure of interest rate sensitivity. ³Stated yield is actual distributed yield over prior 12 months. ⁴Almost a Specialty fund with 30%+ typically in foreign stocks. ⁵Formerly Multimedia ⁶Formerly VIP Telecommunications. ⁷Formerly MSCI Telecom Services. (p) Partial year; (↑) Rating upgraded; (↓) Rating downgraded.

FIDELITY SCORECARD

OCTOBER 31, 2019

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				Rel Vol (Risk) ¹	Assets (\$Mil)	
					Oct	YTD	3 Mo.	1 Year	3 Year	5 Year	10Year			
MID-CAP VALUE					Average	1.5	19.3	1.0	8.6	8.2	5.5	11.6	1.18	
316	FLPSX	Low-Priced Stock ⁵	46.32	OK to Buy	3.2	15.4	2.1	6.9	9.6	6.5	11.6	0.95	\$23,500	
762	FSMVX	Mid Cap Value	22.06	OK to Sell	0.8	15.6	0.5	5.3	5.9	4.1	11.7	1.23	1,246	
3404	FIMVX	Mid Cap Value Index	20.20	OK to Sell	0.6	1.0p	0.9	--	--	--	--	--	7	
39	FDVLX	Value	10.59	OK to Buy	1.5	21.7	0.4	9.3	7.9	5.3	11.5	1.31	6,113	
14	FSLSX	Value Strategies	37.74	Hold	1.5	24.6	1.0	12.7	9.5	6.2	11.5	1.22	315	
SMALL CAP GROWTH					Average	2.1	24.6	-2.8	10.7	17.9	13.6	15.5	1.31	
1388	FCPGX	Small Cap Growth (Closed)	25.24	Buy	1.3	24.6	-3.2	10.7	17.9	13.6	15.5	1.31	2,677	
3405	FECCX	Small Cap Growth Index	19.76	OK to Buy	2.9	-1.2p	-2.4	--	--	--	--	--	13	
SMALL CAP BLEND					Average	2.5	20.2	0.7	8.8	10.3	7.1	12.1	1.33	
384	FSCRX	Small Cap Discovery (Closed)	23.10	Hold	1.8	20.9	2.6	11.0	8.9	5.7	13.1	1.27	2,829	
2011	FCPEX	Small Cap Enhanced Index	12.57	Hold	2.9	17.8	0.2	4.9	8.9	6.2	12.4	1.48	616	
2358	FSSNX	Small Cap Index	20.15	Hold	2.7	17.3	-0.4	5.0	11.1	7.6	--	1.40	9,824	
340	FSLCX	Small Cap Stock	17.21	OK to Buy	1.8	22.6	0.6	11.3	11.0	7.8	10.4	1.22	1,458	
336	FDSCX	Stock Selector Small Cap	24.47	OK to Buy	3.3	22.5	0.6	11.9	11.7	8.3	12.6	1.27	938	
SMALL CAP VALUE					Average	1.9	16.0	1.4	4.9	7.6	6.7	11.9	1.23	
1389	FCPVX	Small Cap Value	14.92	OK to Sell	1.4	16.0	1.3	4.9	7.6	6.7	11.9	1.23	1,557	
3406	FISVX	Small Cap Value Index	20.53	OK to Sell	2.4	2.7p	1.6	--	--	--	--	--	24	
REAL ESTATE														
1368	FIREX	International Real Estate	12.67	Hold	4.1	22.8	7.1	23.0	12.3	7.6	8.5	0.77	249	
833	FRIFX	Real Estate Income	12.73	Hold	1.0	17.4	3.9	15.1	7.8	7.2	9.8	0.43	2,411	
2355	FSRNX	Real Estate Index	17.59	Hold	1.0	25.9	6.2	20.6	8.9	7.7	--	1.01	2,465	
303	FRESX	Real Estate Investment	47.32	Hold	1.1	27.8	6.9	22.7	9.6	8.5	14.0	0.98	4,537	
ASSET ALLOCATION														
328	FASIX	Asset Manager 20%	13.61	Hold	0.7	8.9	1.8	8.4	4.6	3.7	4.8	0.25	5,023	
1957	FTANX	Asset Manager 30%	11.32	Hold	0.9	10.8	1.8	9.3	5.6	4.4	5.9	0.34	1,692	
1958	FFANX	Asset Manager 40%	11.90	Hold	1.1	12.3	1.9	9.9	6.6	5.0	6.7	0.43	1,727	
314	FASMX	Asset Manager 50%	18.48	Hold	1.4	13.9	2.0	10.3	7.5	5.5	7.5	0.53	9,109	
1959	FSANX	Asset Manager 60%	12.96	Hold	1.7	15.4	2.0	10.7	8.4	6.0	8.1	0.63	2,767	
321	FASGX	Asset Manager 70%	22.68	Hold	1.8	16.6	2.0	10.7	9.3	6.4	8.9	0.73	4,973	
347	FAMRX	Asset Manager 85%	19.92	Hold	2.2	18.7	1.9	11.1	10.6	7.1	9.8	0.88	2,302	
304	FBALX	Balanced	23.98	Buy	2.0	18.3	2.1	12.2	10.7	7.6	10.1	0.72	25,679	
355	FFNOX	Four-in-One Index	47.77	Hold	2.2	19.0	2.4	12.7	11.2	7.7	10.1	0.80	6,490	
3083	FMSDX	Multi-Asset Income	11.24	OK to Buy	1.7	17.4	2.5	14.7	6.8	--	--	0.51	43	
4	FPURX	Puritan	21.96	Buy	1.8	15.7	1.4	9.9	10.2	7.4	10.0	0.72	21,294	
INTERNATIONAL					Average	3.4	18.4	3.5	14.6	9.1	5.7	7.2	1.05	
309	FICDX	Canada	52.21	Hold	-1.8	19.3	-0.3	11.7	6.3	2.2	5.0	0.98	813	
352	FHKCX	China Region	36.30	Hold	5.0	23.2	4.2	25.7	13.0	7.4	8.2	1.48	1,095	
325	FDIVX	Diversified International	38.67	OK to Buy	3.7	22.2	4.8	16.0	8.9	5.1	6.5	0.95	8,736	
351	FSEAX	Emerging Asia	45.04	Hold	4.6	21.8	4.6	27.0	12.6	7.9	8.3	1.21	1,051	
2053	FEMEX	Emerg Europe, MidEast, Africa	10.03	Hold	4.4	14.5	0.0	15.7	9.1	4.0	5.2	1.19	75	
322	FEMKX	Emerging Markets	33.03	Hold	4.0	24.0	3.2	24.9	11.6	6.1	5.7	1.20	3,104	
2374	FEDDX	Emerging Mkts Discovery	13.75	Hold	2.7	12.4	0.7	15.8	5.6	3.7	--	1.09	209	
2344	FPADX	Emerging Markets Index	10.48	Hold	3.9	9.9	1.6	11.3	7.1	2.7	--	1.19	2,938	
301	FIEUX	Europe	36.28	OK to Buy	3.9	15.5	3.7	7.6	7.2	3.9	5.5	1.11	837	
2406	FGILX	Global Equity Income	14.64	OK to Buy	3.0	21.8	5.0	14.6	10.3	7.1	--	0.83	68	
2348	FSGGX	Global ex U.S. Index	13.09	Hold	3.2	15.2	3.5	11.3	8.0	3.7	--	0.95	5,341	
335	FIVFX	International Cap App	22.41	Buy	2.3	25.7	2.4	22.5	12.6	8.3	9.8	0.99	3,477	
305	FIGRX	International Discovery	43.64	Hold	3.6	19.7	4.0	12.3	8.6	4.8	6.4	0.95	6,737	
2010	FIENX	International Enhanced Index	9.54	Hold	3.4	12.9	3.4	6.9	7.6	4.4	6.0	0.95	1,562	
1979	FIGFX	International Growth	15.16	OK to Buy	4.3	26.2	4.9	21.7	12.4	7.4	9.0	0.95	1,040	
2363	FSPSX	International Index	42.39	Hold	3.4	16.9	4.4	11.3	8.6	4.3	5.6	0.91	28,589	
818	FISMX	International Small Cap	26.86	Hold	3.4	13.4	1.7	8.3	7.7	7.8	9.2	0.89	1,283	
1504	FSCOX	Int'l Small Cap Opps (Closed)	19.24	OK to Buy	3.6	19.2	5.0	13.0	11.0	8.6	10.7	0.96	1,036	
2988	FNIDX	International Sustainability Idx	10.89	Hold	3.6	16.1	4.4	12.8	--	--	--	--	72	
1597	FIVLX	International Value	8.25	Hold	3.4	13.5	4.4	4.7	4.5	1.6	3.4	0.98	443	
350	FJPNX	Japan	15.86	Hold	3.8	21.0	6.7	12.1	8.8	7.1	6.3	0.99	401	
360	FJSCX	Japan Smaller Companies	17.60	Hold	3.8	16.3	6.6	8.2	8.5	9.5	10.2	0.86	686	
349	FLATX	Latin America	28.30	OK to Sell	6.6	32.1	5.2	32.1	10.4	2.2	0.3	1.86	517	
342	FNORX	Nordic	46.69	OK to Sell	2.9	9.4	4.3	4.0	6.5	5.0	9.1	1.15	262	
94	FOSFX	Overseas	49.51	OK to Buy	2.8	21.1	3.4	13.8	9.9	7.3	7.4	0.95	6,179	
302	FPBFX	Pacific Basin	32.65	OK to Buy	3.7	24.1	5.3	22.4	10.3	8.4	10.9	1.11	891	
2369	FTEMX	Total Emerging Markets	12.84	Hold	2.9	13.1	0.3	13.8	6.5	4.4	--	0.96	200	
1978	FTIEX	Total International Equity	9.37	Hold	3.0	19.8	3.2	15.0	9.1	5.2	6.3	0.98	70	
2834	FTIHX	Total International Index	12.09	Hold	3.3	15.1	3.5	10.9	7.8	--	--	0.95	3,250	
318	FWWFX	Worldwide	27.74	Buy	2.6	20.0	0.4	12.7	14.1	8.7	11.0	1.00	2,021	
3228	FZILX	Zero International Index	10.14	Hold	3.4	15.6	3.9	11.8	--	--	--	--	1,257	

FIDELITY SCORECARD

OCTOBER 31, 2019

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				Rel Vol (Risk) ¹	Assets (\$Mil)
					Oct	YTD	3 Mo.	1 Year	3 Year	5 Year	10Year		
SPECIALTY													
308	FCV SX	Convertible Securities	29.93	OK to Buy	2.0	20.5	0.1	16.3	9.9	5.1	9.1	0.70	\$1,418
2624	FARNX	Event Driven Opportunities	10.26	Sell	2.2	-2.2	-4.7	-14.9	2.9	3.5	--	1.28	125
2120	FFGCX	Global Commodity Stock	12.15	OK to Sell	1.2	8.5	-1.5	-0.2	5.9	0.0	0.5	1.25	263
122	FLVCX	Leveraged Company Stock	29.87	OK to Buy	3.2	24.8	-0.2	14.3	10.4	5.1	11.2	1.30	1,866
1329	FSDIX	Strategic Dividend & Income	15.63	Hold	1.1	17.9	2.4	12.3	9.3	7.4	11.1	0.67	3,090
1505	FSRRX	Strategic Real Return	8.38	OK to Sell	0.3	9.1	1.3	5.2	3.3	1.4	3.6	0.34	195
311	FIUIX	Telecom & Utilities	29.01	Hold	-0.4	20.5	6.8	15.8	12.6	8.8	13.2	0.74	1,134
SELECT PORTFOLIOS					Average	1.4	19.3	-0.1	10.2	11.2	7.6	12.0	1.41
34	FSAIX	Air Transportation	77.30	OK to Buy↑	0.9	18.6	-0.1	9.8	13.4	9.6	17.7	1.51	284
502	FSAVX	Automotive	36.01	Hold↑	5.3	21.1	6.5	13.1	11.0	4.8	11.5	1.25	38
507	FSRBX	Banking	27.02	Hold	3.0	24.4	1.9	8.6	12.2	8.5	11.4	1.80	450
42	FBIOX	Biotechnology	19.76	OK to Buy↑	7.5	15.4	-0.5	5.8	11.0	3.7	17.8	1.84	6,323
68	FSLBX	Brokerage & Investment	76.11	Hold	2.2	20.7	1.5	13.5	15.3	5.9	8.4	1.25	315
69	FSCX	Chemicals	12.04	OK to Sell	-1.0	1.8	-4.5	-3.6	4.4	3.2	11.8	1.58	861
518	FSDCX	Communications Equipment	35.66	Hold↓	-2.6	4.2	-9.5	-2.0	8.6	6.4	9.0	1.26	176
503	FBMPX	Communication Services ⁶	64.06	Buy	2.6	25.0	0.2	16.0	13.5	8.6	16.3	1.21	600
7	FDCPX	Computers	79.04	OK to Buy↑	4.0	26.4	6.9	11.9	18.0	10.5	13.9	1.32	512
511	FSHOX	Construction & Housing	64.71	Hold	2.5	41.0	9.9	35.6	17.4	12.1	16.5	1.24	414
517	FSCPX	Consumer Discretionary	47.23	Buy	0.2	21.3	0.1	13.5	14.9	11.4	15.9	1.20	455
98	FSVLX	Consumer Finance	17.22	OK to Buy	1.2	28.2	-1.8	16.6	16.3	9.2	12.8	1.22	153
9	FDFAX	Consumer Staples	86.52	Hold	0.6	25.7	2.6	13.7	5.4	5.1	10.0	1.05	851
67	FSDAX	Defense & Aerospace	18.32	Buy	-1.5	30.2	2.1	19.3	20.7	15.6	17.7	1.49	2,979
60	FSENX	Energy	33.26	OK to Sell	-2.3	0.6	-7.8	-17.4	-6.2	-7.1	0.7	1.99	880
43	FSESX	Energy Service	20.76	OK to Sell	-5.6	-17.2	-19.6	-43.7	-21.2	-20.0	-7.1	2.77	185
516	FSLEX	Environment & Alt Energy	25.18	OK to Sell	1.6	18.5	0.4	14.3	11.7	8.7	9.6	1.33	171
66	FID SX	Financial Services	10.64	Buy	1.9	24.6	2.4	13.2	13.5	8.3	9.1	1.33	528
41	FSAGX	Gold	22.87	Sell	2.9	26.6	2.6	40.4	1.1	8.8	-3.5	1.92	1,384
63	FSPHX	Health Care	25.32	Buy	6.7	14.8	1.3	7.9	15.5	8.6	17.8	1.31	6,918
505	FSHCX	Health Care Services	91.31	OK to Buy	9.6	4.1	-1.1	-4.4	15.9	10.2	15.5	1.50	992
515	FCYIX	Industrials	34.61	Buy	-0.9	20.7	-1.9	9.9	10.9	7.4	13.3	1.35	581
45	FSPCX	Insurance	63.56	Hold	-1.9	23.8	-0.7	19.5	11.6	10.0	13.2	1.03	257
353	FBSOX	IT Services	71.87	OK to Buy	0.8	33.4	-3.0	22.9	24.2	18.5	19.5	1.19	3,908
62	FDLSX	Leisure	15.50	OK to Buy	-2.8	20.0	-6.1	16.3	15.3	10.8	15.7	1.12	498
509	FSDPX	Materials	66.83	OK to Sell	-0.3	7.4	-2.0	2.0	3.4	1.1	7.7	1.45	505
354	FSMEX	Medical Tech & Devices (closed)	56.28	OK to Buy↓	2.1	19.1	-0.6	14.6	19.3	16.6	17.7	1.29	6,355
513	FSNGX	Natural Gas	15.93	OK to Sell	-8.3	-10.5	-15.2	-27.4	-13.5	-14.2	-4.9	2.05	142
514	FNARX	Natural Resources	24.43	OK to Sell	-2.2	8.6	-4.3	-5.9	-3.3	-5.6	0.8	1.71	379
580	FPHAX	Pharmaceuticals	22.20	Buy↑	5.4	18.3	6.6	13.8	11.2	5.0	14.0	1.03	721
46	FSRPX	Retailing	16.57	OK to Buy	1.7	23.9	3.5	15.4	18.7	16.9	19.4	1.28	3,128
8	FSELX	Semiconductors	11.41	Buy	6.4	45.1	7.1	38.5	22.9	20.7	19.6	1.88	3,603
28	FSCSX	Software & IT Services	19.00	OK to Buy	2.0	29.1	1.1	20.3	22.1	18.6	19.6	1.16	7,332
64	FSPTX	Technology	18.35	Buy	4.4	36.7	3.9	21.1	22.8	17.8	17.5	1.43	5,713
96	FSTCX	Telecommunications	61.34	Hold	2.4	17.2	2.7	6.1	5.8	6.4	10.2	0.96	232
512	FSRFX	Transportation	92.15	Hold	1.0	13.3	-3.3	3.2	12.1	6.6	16.2	1.57	392
65	FSUTX	Utilities	96.14	OK to Sell	-1.7	20.0	6.6	17.4	14.8	9.6	13.0	0.79	1,336
963	FWRLX	Wireless	10.70	Hold	4.8	30.2	7.2	18.9	15.5	10.3	12.4	1.00	317
SECTOR ETFs					Average	1.2	20.7	1.6	12.5	11.6	8.5	1.22	
	FCOM	MSCI Communication Services ⁸	33.93	OK to Buy	2.6	19.9	-1.1	12.1	9.4	8.0	--	1.14	447
	FDIS	MSCI Consumer Discretionary	46.15	Buy	0.9	21.5	0.0	13.1	16.0	12.3	--	1.19	720
	FSTA	MSCI Consumer Staples	36.52	Hold	-0.2	22.1	3.2	13.0	7.7	8.1	--	0.96	637
	FENY	MSCI Energy	15.35	OK to Sell	-2.5	0.8	-7.8	-15.1	-4.3	-7.0	--	1.79	407
	FNCL	MSCI Financials	41.55	Buy	2.2	22.4	1.5	11.5	14.7	10.3	--	1.42	999
	FHLC	MSCI Health Care	45.47	OK to Buy	4.8	11.2	2.7	7.7	14.3	9.0	--	1.09	1,500
	FIDU	MSCI Industrials	40.35	Buy	1.2	24.8	1.2	15.3	13.0	9.3	--	1.38	438
	FTEC	MSCI Information Technology	66.13	Buy	3.7	35.5	2.8	21.8	23.5	18.0	--	1.31	2,700
	FMAT	MSCI Materials	32.45	Hold	0.4	16.0	-0.1	10.6	8.7	5.4	--	1.29	192
	FREL	MSCI Real Estate	28.19	Hold	1.0	29.4	6.8	24.7	11.3	--	--	0.98	1,000
	FUTY	MSCI Utilities	42.15	OK to Sell↑	-0.8	23.5	8.2	23.1	13.2	11.1	--	0.86	942

Portfolio Trades & Other Housekeeping

To help you follow our model portfolios using your particular dollar amounts, beneath “Fidelity Fund Tools” on our website’s homepage, you’ll find our “Portfolio Calculator.” Separately, while we are eliminating recorded telephone Hotline messages at the end of this year, they will still be available to members by email and on our website: www.fmandi.com. For questions, call Member Services at 800-444-6342.

FIDELITY SCORECARD

OCTOBER 31, 2019

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				SEC %Yield	Dur ² (Yrs)	Rel Vol (Risk) ¹	
					Oct	YTD	3 Mo.	1 Yr	3 Yr	5 Yr	10 Yr				
TAXABLE BOND					Average	0.3	7.8	2.0	9.9	2.9	2.7	3.3	1.93	4.8	0.25
2267	FCONX	Conservative Income Bond	10.05	Buy	0.3	2.6	0.7	2.7	1.9	1.4	--	1.91	0.3	0.02	
2208	FCBFX	Corporate Bond	12.17	Buy	0.6	14.2	3.1	15.0	5.2	4.7	--	2.59	7.4	0.34	
2423	FGBFX	Global Credit	9.77	Hold	0.6	14.2	3.0	14.1	5.1	3.1	--	1.97	7.2	0.35	
15	FGMNX	GNMA (Ginnie Mae)	11.58	OK to Buy	0.4	5.6	1.2	8.2	2.1	2.3	3.2	2.24	2.3	0.18	
54	FGOVX	Government Income	10.59	Hold	0.1	7.2	2.2	10.2	2.4	2.5	2.9	1.60	5.4	0.28	
2418	FIPDX	Inflation-Protected Index ³	10.19	Hold	0.0	7.8	1.2	8.8	2.4	2.3	--	0.40*	5.6	0.27	
32	FTHRXX	Intermediate Bond	11.13	Buy	0.5	7.3	1.8	8.9	2.8	2.7	3.5	1.85	4.0	0.19	
452	FSTGX	Intermediate Gov't Income	10.71	OK to Buy	0.2	5.3	1.5	7.5	1.9	1.8	2.2	1.35	3.8	0.20	
3045	FUAMX	Intermediate Treasury Index	11.24	OK to Buy	0.2	8.4	2.4	12.3	2.7	3.1	3.8	1.62	6.4	0.36	
4506	FBII	International Bond Index	9.96	Hold	--	--	--	--	--	--	--	na	na	--	
26	FBNDX	Investment Grade Bond	8.23	Buy	0.5	9.8	2.4	12.1	3.7	3.5	4.4	2.10	5.5	0.26	
2622	FJRLX	Limited Term Bond	11.70	Buy	0.5	5.9	1.5	6.7	2.5	2.3	3.2	1.91	2.6	0.12	
662	FFXSX	Limited Term Government	10.08	OK to Buy	0.3	3.9	1.2	5.5	1.5	1.3	1.5	1.35	2.6	0.13	
3047	FNBGX	Long-Term Treasury Index	14.68	OK to Sell	-1.1	18.4	6.6	27.3	5.1	5.9	6.8	2.18	18.3	0.94	
40	FMSFX	Mortgage Securities	11.40	OK to Buy	0.4	6.0	1.3	8.8	2.4	2.7	3.5	2.27	2.3	0.20	
450	FSHBX	Short-Term Bond	8.72	OK to Buy	0.4	4.0	1.1	4.7	2.0	1.7	1.8	1.69	1.8	0.07	
3041	FNSOX	Short-Term Bond Index	10.11	OK to Buy	0.3	4.8	1.3	6.4	--	--	--	1.72	2.6	--	
3049	FUMBX	Short-Term Treasury Index	10.56	OK to Buy	0.3	4.2	1.1	5.9	1.8	1.6	1.6	1.56	2.6	0.13	
3086	FNDX	Sustainability Bond Index	10.60	Hold	0.2	8.5	2.2	11.1	--	--	--	2.14	5.5	--	
820	FTBFX	Total Bond	10.94	Buy	0.4	9.7	2.1	11.1	3.7	3.7	4.6	2.45	5.2	0.24	
2326	FXNAX	U.S. Bond Index	11.99	Hold	0.3	8.7	2.3	11.4	3.2	3.2	3.7	2.21	5.6	0.27	
HIGH-YIELD BOND					Average	0.3	10.3	0.5	7.6	5.1	4.3	6.2	4.17	2.9	0.36
38	FAGIX	Capital & Income	10.03	OK to Buy	0.4	14.8	0.5	9.8	7.2	5.6	8.3	3.89	3.5	0.54	
814	FFRHXX	Floating Rate High Income	9.38	Buy	-0.5	6.4	-0.1	2.9	3.9	3.5	4.2	5.24	0.2	0.23	
1366	FHIFX	Focused High Income	8.85	Buy	0.7	13.9	2.1	11.2	6.0	4.8	6.6	3.50	2.8	0.33	
2297	FGHXX	Global High Income	9.47	OK to Buy	0.7	10.4	0.8	7.8	5.5	4.5	--	4.57	2.8	0.35	
455	SPHIX	High Income	8.85	OK to Buy	0.1	11.8	1.1	7.8	6.5	4.9	7.1	4.52	2.6	0.37	
331	FNMX	New Markets Income	14.80	OK to Buy	0.5	8.0	-2.1	7.7	2.7	3.8	6.0	5.02	5.7	0.54	
2580	FSAHX	Short Duration High Income	9.41	OK to Buy	-0.0	8.2	0.6	5.5	4.3	3.3	--	3.39	1.7	0.25	
3082	FADMXX	Strategic Income	12.51	OK to Buy	0.4	9.4	0.7	8.4	4.6	3.9	5.3	3.22	4.2	0.27	
MUNICIPAL BOND					Average	0.1	6.4	0.8	8.6	3.1	3.1	4.0	1.43	5.2	0.27
434	FSAZX	Arizona Muni Income	12.40	OK to Buy	0.2	6.8	1.0	9.2	3.2	3.5	4.4	1.24	5.7	0.30	
1534	FCSTX	Calif Limited Term Tax Free	10.75	OK to Buy	0.3	3.8	0.3	5.1	1.8	1.7	2.3	1.05	3.2	0.16	
91	FCFX	California Muni Income	13.27	OK to Buy	0.1	7.3	1.0	9.8	3.4	3.6	4.8	1.40	6.1	0.31	
407	FICNX	Connecticut Muni Income	11.78	OK to Buy	0.0	7.4	0.9	9.5	3.0	3.2	3.9	1.50	5.4	0.30	
2578	FCRDXX	Conservative Income Muni	10.05	Buy	0.1	1.6	0.3	2.1	1.3	0.9	--	1.22	0.7	0.04	
36	FLTMX	Interm Municipal Income	10.65	Buy	0.2	6.1	0.7	8.3	3.1	2.9	3.5	1.43	4.6	0.24	
404	FSTFX	Limited Term Muni Income	10.71	Buy	0.3	3.8	0.2	5.1	1.9	1.6	2.0	1.14	2.7	0.15	
429	SMDMX	Maryland Muni Income	11.65	OK to Buy	0.0	6.5	0.8	9.0	3.0	3.3	3.8	1.30	5.7	0.30	
70	FDMXX	Mass Muni Income	12.43	OK to Buy	0.1	6.7	1.0	9.0	3.0	3.3	4.2	1.42	5.8	0.30	
81	FMHTX	Michigan Muni Income	12.52	OK to Buy	0.1	6.8	1.0	9.4	3.4	3.5	4.1	1.45	5.8	0.29	
82	FIMIX	Minnesota Muni Income	11.92	OK to Buy	0.0	6.7	0.8	9.3	3.1	3.1	3.7	1.29	5.8	0.27	
3469	FMBIX	Municipal Bond Index	20.05	OK to Buy	0.0	0.7p	0.7	--	--	--	--	1.70	5.8	--	
37	FHIGX	Municipal Income	13.44	OK to Buy	0.1	7.9	1.1	10.7	3.9	3.9	4.8	1.72	6.4	0.33	
416	FNJHX	New Jersey Muni Income	12.34	OK to Buy	0.1	8.0	0.8	10.7	4.1	3.9	4.3	1.52	5.9	0.32	
71	FTFMX	New York Muni Income	13.52	OK to Buy	-0.1	7.3	0.8	10.0	3.2	3.5	4.2	1.41	6.1	0.31	
88	FOHFX	Ohio Muni Income	12.40	OK to Buy	0.1	6.6	0.9	9.1	3.2	3.7	4.4	1.49	5.8	0.31	
402	FPXTX	Pennsylvania Muni Income	11.45	OK to Buy	-0.0	7.3	1.0	9.9	3.5	3.6	4.3	1.58	6.3	0.28	
90	FTABX	Tax-Free Bond	11.92	OK to Buy	0.1	8.0	1.0	10.8	3.9	3.9	4.8	1.80	6.4	0.32	

Yields on municipal funds are not directly comparable to yields on taxable funds. In muni funds your effective yield will be higher as your tax-bracket increases. *12 month distributed yield.

TAXABLE GOV'T MONEY MARKETS			Total Return (%)		SEC %Yield
			Oct	YTD	
55	FDRXX	Gov't Cash Reserves	0.14	1.67	1.55
458	SPAXX	Government MM	0.13	1.63	1.49
2742	FZFX	Treasury MM	0.13	1.63	1.49
415	FDLXX	Treasury Only MM	0.13	1.58	1.49
PRIME MONEY MARKETS					
454	SPRXX	Money Market*	0.14	1.75	1.64
*Available in premium class shares (FZDXX) with a \$100,000 minimum (\$10,000 for certain Fidelity retirement accounts) and lower expenses.					
NATIONAL MUNICIPAL MONEY MARKETS					
10	FTEXX	Municipal Money Market	0.09	1.03	0.88
275	FMOXX	Tax-Exempt MM	0.08	0.97	0.82

STATE MUNICIPAL MONEY MARKETS			Total Return (%)		SEC %Yield
			Oct	YTD	
433	FSAXX	Arizona Muni MM	0.08	0.92	0.75
97	FCFX	California Muni MM	0.08	0.90	0.74
457	FSPXX	California AMT Tax-Free	0.09	1.00	0.86
418	FCMXX	Connecticut Muni MM	0.08	1.03	0.80
426	FMSXX	Mass AMT Tax-Free	0.09	1.04	0.93
74	FDMXX	Massachusetts Muni MM	0.08	1.00	0.77
420	FMIXX	Michigan Muni MM	0.07	0.86	0.70
417	FNJXX	New Jersey Muni MM	0.08	0.96	0.82
423	FSJXX	New Jersey AMT Tax-Free	0.09	1.03	0.90
92	FNYXX	New York Muni MM	0.08	0.93	0.74
422	FSNXX	New York AMT Tax-Free	0.09	1.05	0.92
419	FOMXX	Ohio Muni MM	0.08	1.02	0.82
401	FPTXX	Pennsylvania Muni MM	0.08	0.90	0.76

FIDELITY SCORECARD

OCTOBER 31, 2019

Fund No.	Fund Ticker	Fund Name	Style	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				Rel Vol (Risk) ¹
						Oct	YTD	3 Mo.	1 Year	3 Year	5 Year	10 Year	
FIDELITY PERSONAL RETIREMENT ANNUITY PORTFOLIOS													
Model Portfolios	Annuity Sector Model					2.6	23.9	0.9	13.7	14.9	11.2	13.7	1.10
	Annuity Growth Model					3.1	21.7	0.3	13.1	14.1	9.0	12.0	1.07
	Annuity Growth & Income Model					2.1	15.2	1.3	9.9	8.3	6.1	8.5	0.65
	Annuity Income Model					0.9	10.0	1.1	7.8	4.2	3.7	5.0	0.32
9067	FLRQC	Fid VIP Asset Manager	Allocation	21.64	Hold	1.4	13.5	1.9	10.0	7.1	4.5	7.1	0.53
9066	FAEEC	Fid VIP Asset Manager: Growth	Allocation	22.68	Hold	1.8	16.2	1.8	10.4	8.9	5.2	8.4	0.73
9069	FJBAC	Fid VIP Balanced	Allocation	27.29	Buy	2.0	18.0	2.0	11.8	10.2	7.2	9.8	0.74
9461	FBIQC	Fid VIP Bond Index	Bond	11.04	Hold	0.3	8.4	2.2	11.0	--	--	--	--
9173	FVTAC	Fid VIP Communication Services ⁷	Sector	19.65	Buy	2.6	25.0	0.1	16.3	9.0	8.1	11.2	1.09
9081	FVHAC	Fid VIP Consumer Discretionary	Sector	35.61	Buy	0.2	21.1	0.1	13.1	14.6	11.1	15.5	1.20
9171	FCSAC	Fid VIP Consumer Staples	Sector	28.40	Hold	0.6	25.6	2.5	13.6	5.1	7.0	10.7	1.05
9065	FPDFC	Fid VIP Contrafund	Large Growth	31.19	Buy	3.1	22.9	0.7	14.1	13.4	8.8	12.2	1.06
9148	FPRGC	Fid VIP Disciplined Small Cap	Small Blend	21.74	Hold	2.8	17.5	0.1	4.6	8.4	5.8	11.8	1.48
9074	FZAMC	Fid VIP Dynamic Capital App	Large Growth	33.11	Hold	2.7	21.6	1.1	12.1	14.4	8.2	13.7	1.03
9198	FEMAC	Fid VIP Emerging Markets	Emg Mkts	11.29	Hold	1.7	18.6	0.3	19.6	9.7	4.8	4.8	1.20
9085	FJLLC	Fid VIP Energy	Sector	12.29	OK to Sell	-2.3	0.5	-7.7	-17.4	-6.3	-7.3	0.6	1.97
9061	FLOLC	Fid VIP Equity-Income	Large Value	23.93	Buy	1.4	20.1	3.1	12.0	9.9	7.0	10.7	0.96
9469	FEMJC	Fid VIP Extended Market Index	Mid Blend	9.95	Buy	1.9	18.0	-0.8	7.2	--	--	--	--
9083	FONNC	Fid VIP Financial Services	Sector	15.48	Buy	1.9	24.3	2.3	12.8	13.3	8.1	9.0	1.32
9361	FFLCC	Fid VIP Floating Rate High Income	High-Yield Bond	11.82	Buy	-0.4	6.5	0.0	3.0	3.5	3.3	--	0.23
9157	FMPAC	Fid VIP FundsManager 20	Allocation	16.38	Hold	0.7	8.6	1.7	8.2	4.3	3.2	4.1	0.24
9158	FMPBC	Fid VIP FundsManager 50	Allocation	19.29	Hold	1.4	13.4	1.9	9.9	7.2	5.1	6.8	0.51
9197	FMPCC	Fid VIP FundsManager 60	Allocation	18.49	Hold	1.6	15.0	1.9	10.3	8.2	5.7	7.8	0.61
9159	FMPDC	Fid VIP FundsManager 70	Allocation	20.55	Hold	1.8	16.2	1.8	10.2	9.0	6.2	8.5	0.71
9160	FMPDC	Fid VIP FundsManager 85	Allocation	21.32	Hold	2.1	18.4	2.0	10.6	10.5	7.1	9.5	0.86
9059	FTNJC	Fid VIP Gov't Money Market	Money Mkt	11.71	--	0.1	1.5	0.4	1.8	1.1	0.6	0.2	0.02
9062	FMNDC	Fid VIP Growth	Large Growth	35.34	Buy	3.1	24.0	1.0	15.7	18.7	12.2	15.4	1.12
9070	FLFNC	Fid VIP Growth & Income	Large Blend	28.12	Hold	3.4	20.8	3.1	8.6	11.2	7.8	12.1	1.09
9068	FIDPC	Fid VIP Growth Opportunities	Large Growth	41.82	Buy	5.2	28.6	0.1	26.1	25.5	15.9	18.0	1.20
9084	FPDRC	Fid VIP Health Care	Sector	48.07	Buy	6.5	12.4	-0.2	5.7	14.9	8.1	17.3	1.34
9060	FBBLC	Fid VIP High Income	High-Yield Bond	22.36	OK to Buy	0.2	12.3	1.2	8.5	5.4	4.3	6.5	0.36
9064	FXVLT	Fid VIP Index 500	Large Blend	31.70	Hold	2.1	22.8	2.3	13.9	14.5	10.4	13.3	1.00
9082	FBALC	Fid VIP Industrials	Sector	35.98	Buy	-0.9	20.6	-1.9	9.6	10.6	7.2	13.1	1.35
9473	FFIQC	Fid VIP International Index	Diversified Int'l	9.95	Hold	3.3	15.3	3.8	11.2	--	--	--	--
9076	FVJIC	Fid VIP Int'l Capital App	Diversified Int'l	22.82	Buy	2.2	25.6	2.4	22.3	12.4	8.2	9.5	0.99
9063	FTLKC	Fid VIP Investment Grade Bond	Inv Grd Bond	17.75	Buy	0.4	9.3	2.1	11.2	3.3	3.2	3.9	0.26
9172	FVMAC	Fid VIP Materials	Sector	19.05	OK to Sell	-0.2	7.2	-2.0	1.9	3.1	0.8	7.5	1.44
9071	FNBSJ	Fid VIP Mid Cap	Mid Blend	28.54	Buy	0.9	15.5	-1.2	3.1	8.5	6.1	10.1	1.21
9088	FEMMC	Fid VIP Overseas	Diversified Int'l	18.61	OK to Buy	2.9	20.3	3.4	13.0	9.4	4.9	6.2	0.96
9072	FFWKC	Fid VIP Real Estate	Sector	27.76	Hold	0.3	25.8	5.4	19.3	7.9	6.5	12.8	1.02
9075	FGDQC	Fid VIP Strategic Income	High-Yield Bond	20.80	OK to Buy	0.3	9.2	0.7	8.1	4.2	3.6	4.8	0.27
9086	FYENC	Fid VIP Technology	Sector	54.21	Buy	4.4	36.6	3.9	21.2	23.5	17.4	17.1	1.43
9465	FTMJC	Fid VIP Total Market Index	Large Blend	11.00	OK to Buy	2.1	22.2	1.8	13.0	--	--	--	--
9087	FXRRC	Fid VIP Utilities	Sector	35.42	OK to Sell	-1.6	20.1	6.8	17.5	14.6	9.5	12.9	0.80
9079	FKMSC	Fid VIP Value	Large Value	24.29	OK to Buy	1.8	21.7	1.9	11.2	9.0	6.3	11.5	1.14
9073	FRBSC	Fid VIP Value Strategies	Mid Value	24.80	Hold	1.5	24.0	0.9	12.2	9.2	5.5	11.1	1.21
9347	FBMEC	Black Rock Global Allocation	Global Allocation	14.38	Hold	2.1	13.3	2.9	10.0	6.3	3.9	5.5	0.57
9349	FTMEC	Franklin Templeton Global Bond	Global Bond	11.28	Hold	-0.1	0.3	-4.1	0.2	2.1	-0.1	3.3	0.48
9348	FFMEC	Franklin Templeton US Gov't	Intermed Gov't	10.93	Hold	0.1	5.2	1.2	7.5	1.5	1.4	1.9	0.18
9285	FIGXC	Invesco Global Core Eqty	Global Stock	14.18	Hold	2.9	16.8	1.5	8.6	7.6	4.7	6.2	1.07
9147	FPRLC	Lazard Retirement Emerging Mkts	Emg Mkts	16.42	Hold	3.9	10.1	2.0	9.6	3.5	0.1	3.3	1.22
9143	FPRMC	Morgan Stanley Emerg Mkt Debt	Emg Mkt Bond	20.23	OK to Buy	0.6	12.2	-0.3	12.8	3.5	3.5	4.9	0.52
9144	FPRNC	Morgan Stanley Emerg Mkt Equity	Emg Mkts	14.77	Hold	4.2	12.0	2.6	12.7	4.8	2.0	3.4	1.13
9146	FPRPC	Morgan Stanley Global Strategist	Diversified Int'l	14.87	Hold	2.0	12.9	1.8	10.5	7.3	3.4	5.5	0.58
9346	FPMEC	Pimco Commodity Real Return	Commodities	5.65	Hold	2.3	7.7	0.2	-1.7	-1.1	-7.2	-3.4	0.73
9276	FPMBC	Pimco VIT Low Duration	Shrt-Term Bond	12.10	Buy	0.2	3.8	1.2	4.1	1.6	1.1	1.8	0.09
9277	FPNBC	Pimco VIT Real Return	TIPS	13.77	Hold	0.0	7.3	0.8	7.9	2.0	1.6	3.0	0.25
9278	FPOBC	Pimco VIT Total Return	Intermed Bond	14.54	Hold	0.3	8.7	2.6	10.2	3.4	3.1	3.6	0.26

Annuity Sector		Annuity Growth		Annuity Growth & Income		Annuity Income	
Fund	Allocation	Fund	Allocation	Fund	Allocation	Fund	Allocation
VIP Technology	23%	VIP Contrafund	28%	VIP Contrafund	20%	Pimco VIT Low Duration	34%
VIP Cons Discretionary	18	VIP Growth Opps	28	VIP Int'l Cap App	20	VIP Contrafund	26
VIP Financial Services	15	VIP Extended Market	26	VIP Growth Opps	20	VIP Investment Grade	21
VIP Health Care	15	VIP Equity-Income	18	VIP Floating Rate Hi Inc	20	VIP Floating Rate Hi Inc	19
VIP Comm Services	15			VIP Investment Grade	10		
VIP Industrials	14			Pimco VIT Low Dur	10		
Total Return:		Total Return:		Total Return:		Total Return:	
Oct: 2.6% YTD: 23.9%		Oct: 3.1% YTD: 21.7%		Oct: 2.1% YTD: 15.2%		Oct: 0.9% YTD: 10.0%	

Sector Funds *cont'd from page 1*

stocks. Plenty of opportunities for active managers here, but the group overall faces intensifying competitive pressures as television streaming goes mainstream. And given its heavy 40% weighting in Alphabet and Facebook, the threat of increased regulation is also a consideration. The fund still has potential to outperform the market over the long run, but for 2020 we've trimmed our position so it's less of a market overweight.

Consumer Discretionary's [FSCPX] top-holding, Amazon, accounts for

21% of assets. Beyond that, the fund invests in retailers and brands that are holding up well in an age of on-line disruption, with smaller positions in restaurants and hotels. Stable energy prices and full employment suggest that consumer spending should hold up well even if economic growth slows further in 2020. And with the lowest-income consumers now seeing the biggest wage gains (percentage-wise), the fund's fast-food and dollar store holdings should benefit, too. Our model position is twice the weight of the group in the S&P 500, making it our biggest bet.

Financial Services [FIDSX] includes banks, brokerages, consumer finance, and

YTD  24.6%

Overall faces intensifying competitive pressures as television streaming goes mainstream. And given its heavy 40% weighting in Alphabet and Facebook, the threat of increased regulation is also a consideration. The fund still has potential to outperform the market over the long run, but for 2020 we've trimmed our position so it's less of a market overweight.

High Yield, High Allure

Fidelity's high-yield funds come in many varieties. While their interest-rate-risk greatly varies (from extremely low for **Floating Rate High Income** to "high-ish" for their emerging market debt fund **New Markets Income**), credit risk is their collective Achilles' heel.

Of course, if not for that risk,

insurance stocks. Unlike many value sectors, the long-term outlook for this group is on firm ground, thanks to the large amount of consolidation and cost-cutting that took place over the last decade. Stock values remain relatively cheap, regulatory relief is helping, and wage gains are allowing domestic consumers to borrow and spend at normal levels, even as economic growth slows due to global headwinds.

Health Care [FSPHX] invests in medical services, device makers, pharmas and biotechs. Worries about the 2020

election and the potential for dramatic health care reform measures has weighed on this group off and on for much of the year. But the Iowa election betting markets are predicting that we'll still have a Republican Senate and Democratic House come November, which would preclude big changes. And with lawsuits related to the opioid crisis now entering a settlement phase, drug firms have less to fear on the regulatory front. With over half the fund in biotech and medical equipment suppliers, this fund's risk is relatively high, which is why we trimmed our position in late September. Still it has potential to outperform in 2020.

Industrials [FCYIX] has a focus on defense & aerospace, electrical equipment, industrial conglomerates, and machinery (it also has a small position in

YTD  20.7%

they couldn't deliver yields that sometimes top 5% — this at a time when ultra-safe 10-year Treasuries yield well under 2%.

So why do we rate the category so highly (and have now upgraded **Focused High Income** to *Buy*)?

Notably, the macro environment is supportive; the economy grew 1.9% last quarter. Borrowing costs for credit-challenged firms are com-

paratively low, as are default rates. Separately, with credit-rating firms paid by their clients, Fidelity's credit analysts sidestep the inevitable ratings-inflation with their own research. Over the long-term this independence has yielded superior absolute and risk-adjusted returns. Keeping in mind the inherent risks of high-yield funds, we remain positive on the sector. ■


Technology [FSPTX] invests in communications equipment, hardware, IT services

(mostly financial transaction processors such as VISA/Mastercard), software and chipmakers. New manager Nidhi Gupta got this fund back on track performance-wise by moving it closer to its benchmark in 2019, which reduced exposure to FANGs and other tech disruptors (several of these firms were phased out of the tech sector benchmark following the 2018 GICS reclassification).

With 20% in hardware and storage, and 17% in chips and chipmaking equipment, this fund should benefit from the continuing demand-growth stemming from television streaming, solid state hard drives, data centers and cloud computing. The emerging demand for Artificial Intelligence (AI) applications also has potential to benefit chipmakers more than software firms. ■

— Jack Bowers

transportation stocks). Investors have been overly concerned about trade and tariffs, possibly creating an opportunity here. While tariffs can be very negative for low value commodities, the impact is limited for specialized capital goods. And given low borrowing costs and government infrastructure spending, we could see better-than-expected sales of construction equipment. The fund's aero-space holdings might also benefit assuming Boeing gets back on track with the 737 Max next year.

YTD  36.7%

Inside Fidelity

New Fund — Fidelity launched **International Bond Index** fund [FBIIX] on October 10; it has been added to the Taxable Bond section of the *Scorecard*; it is reviewed by us on p. 4.

Fees Cut — Taking its cues from Schwab and other discount brokers, Fidelity has slashed to zero dollars (\$0) its online trading fees. This applies to stock trades, ETFs and options transactions.

COLA — Social Security's cost-of-living (COLA) adjustment for 2020 will be 1.6%, down from 2.8% for this year. For the average recipient, next year's benefit will rise by \$24 a month to \$1,484. ■

DIVIDEND UPDATE

Other than monthly dividends on bond and money market funds, and Asset Mgr: 20%/30%, no funds are expected to pay dividends and/or capital gains in November.

The final distributions for October were as follows:

Fund	Ex-Date	\$ Amt	NAV
500 Index	10/4	0.502	102.59
Asset Mgr 40%	10/4	0.054	11.77
Asset Mgr 50%	10/4	0.076	18.21
Balanced	10/11	0.229	23.50
Convert Sec	10/4	0.091	29.62
Equity Div Inc	10/4	0.133	24.85
Equity-Inc	10/4	0.269	58.44
Export & Multi	10/4	0.952	19.30
Global Credit	10/4	0.067	9.78
Global Equity Inc	10/4	0.052	14.07
Growth & Inc	10/4	0.198	37.85
New Millennium	10/4	0.124	35.96
Puritan	10/11	0.540	21.61
Sht Tm Bnd Idx	10/11	0.014	10.09
Strat Div & Inc	10/4	0.083	15.42
Strat Real Return	10/4	0.078	8.37
Sustain Bond Idx	10/11	0.030	10.56
Telecom and Util	10/4	0.220	29.05

2019 TAXES

Year-End Fund Distributions

Here's some good news: thanks in large part to the sea of red ink generated by funds in 2018, 2019's year-end distributions will (with some notable exceptions) be tame. That's because fund managers have offset some of this year's capital gains (which will be reported to you on Form 1099-DIV early next year) with last year's losses.

With that in mind, the estimates we've provided on our website (see box) will likely change for several reasons: 1. They DO NOT include dividend income from the fund;

*Year-end (2019) distribution estimates for 195 of Fidelity's funds are posted on our website. If you hold your funds in a **taxable account only**, this information will help you to: 1. Avoid buying a potentially costly taxable distribution at year-end and; 2. Provide an early snapshot as to your tax liability from your mutual funds this year.*

Go to: fmandi.com

2. Over the next several weeks, managers will continue to buy and sell shares which can alter a fund's year-end distribution amount, and; 3. Our estimates for all funds' distributions expressed as a percent of their NAVs as of Oct. 25, is likely to have changed since that date.

As for "landmines," a series of manager changes at **Capital Appreciation** have resulted in a dramatic sector repositioning (tech, for example, has been increased at the expense of health care). Its high turnover (175%) puts the fund on track for an estimated 12% year-end distribution. Similarly, taxable shareholders in funds run by Jeff Feingold (**Magellan** and **Independence**) also face double-digit year-end distributions. ■

Fund Commentary *cont'd from page 5*

Diversified Int'l rose 3.7% last month whereas **Zero International Index** advanced 3.4%.

Bond Funds

As expected, the Fed cut rates for the third time this year. Its target rate is now 1.50% to 1.75%. This has resulted in an relatively flat yield curve; Treasury yields from 1-month to 5-years in maturity are only a few basis points (hundredths of a percentage point) apart.

As for the 10-year Treasury, its yield fell 11 basis points to finish October yielding 1.69%. With bond prices moving in the opposite direction of their yields, all but one bond fund enjoyed fractional gains. The laggard was Fidelity's most interest-rate-sensitive offering, **Long-Term Treasury Index**. It retreated 1.1% for the month (but is up 18.4% for the year). For its part, the benchmark **U.S. Bond Index** fund posted a monthly gain of 0.3%.

Money Markets

The Fed's latest rate cut will continue to force down yields on money market funds. Fidelity's most widely owned cash vehicle, **Government Cash Reserves**, yielded 1.55% at month-end; that's down from 1.68% a month ago and 2.08% since the start of the year.

Some advice: For a bit more yield with a bit more risk, consider **Conservative Income Bond** which yields 1.91%. **Conservative Income Muni**, which yields 1.22%, is a good option for more highly-taxed investors looking for an alternative to either a state- or nationally-diversified municipal money market fund. ■

— John Bonnanzio

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