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# FIDELITY MONITOR & INSIGHTS

JANUARY 2023

PUBLISHED SINCE 1985

## SECTOR FORECAST

### Sector Fund Managers Have Improved Odds To Outperform

Our *Select Model* was a bit of a disappointment in 2022. A lack of exposure to energy, combined with too much emphasis on large-cap growth stocks (tech, in particular), set us back five percentage points relative to the S&P 500.



Jack Bowers

On the plus side, we managed to keep pace with the S&P over the last 10 years — a period that saw significant headwinds for mid-caps, small-caps and foreign issues. Select fund managers normally make bets on those types of stocks with an expectation that they can outperform their large-cap benchmarks by doing so. But there was little reward on that front over the last decade. Out of the 10 main industry groups (I'm excluding real estate as the Select family does not compete there), seven of the Selects lagged their passive benchmarks.

I don't think Fidelity managers will struggle as much to outperform in the decade ahead, because mid- and small-cap stocks are now selling at a substantial discount to large-caps, in contrast with the significant premium 10 years ago. Furthermore, I also don't think the factors that weighed on our *Select Model's* 2022 performance will hurt as much in 2023, and they might even help. As such, our most recent trade (see p. 3) involved only a modest adjustment — one that brought our technology position closer to a full S&P 500 index weight, while reducing an overweighted bet on the financial sector.

Here are my thoughts on each of the six *Select Model* holdings as we enter 2023.

- **Biotechnology.** This is our most overweighted sector bet (see table on p. 16), and it's likely to make or break the model's 2023 performance. I'm bullish on health care in general because its volatility is below historical norms, and the biotech group in particular has become cheap at a time when emerging technologies (mRNA and gene therapy) are creating plenty of new opportunities for drug development. Going forward, large biotech and pharmaceutical firms are strongly incented to acquire smaller bio-

2022  
Return:  
-15.9%

Jack's Message *cont'd on page 16*

## 2023 MARKET OUTLOOK

### Look For Stocks To Climb Multiple Walls Of Worry

"Never make predictions, especially about the future."

Notwithstanding Casey Stengel's wisdom, this is as good a time as any to make an optimistic call about the U.S. economy generally, and the financial markets, in particular. So with the broadest of brushstrokes, here's how I see 2023 playing out.



John Bonnanzio

#### Mixed Signals

In the fourth quarter of 2022, S&P 500 earnings are expected to slow dramatically to -2.8% on a year-over-year basis. That decline is large enough to significantly undermine the quarterly growth rates of 9.5% and 5.8%, respectively in Q1 and Q2. (Yes, earnings rose even as the economy slipped into a mild recession.) Still, FactSet's survey of Wall Street analysts is calling for corporate earnings to achieve an annual growth rate of 5.1% for 2022.

#### Final year-end fund distributions

*for 2022 are now available on our website*

Though that's below the 10-year average of 8.5% (2012 to 2021), it's still pretty strong considering that the economy faced considerable exogenous geopolitical headwinds. Among the more notable, oil prices soared to nearly \$125 a barrel in March (thank you, Mr. Putin) while supply chain disruptions were exacerbated by China's heavy-handed Covid crackdown (thank you, Mr. Jinping). Atop that were dramatically higher borrowing costs: the Fed hiked interest rates 425 basis points in just nine months (thank you, Mr. Powell).

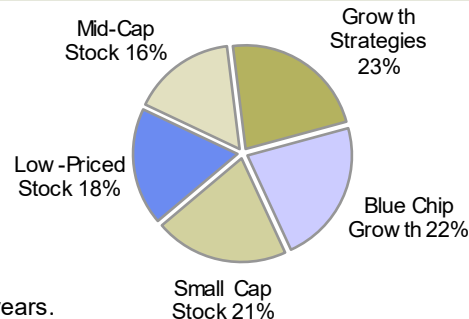
While he and his fellow central bankers were late to respond to the earliest signs of inflation, the good news is that the Fed is now on the offensive: June's peak CPI of 9.1% has receded to 7.1%. (See p. 4 for corresponding charts and graphs.) And more importantly (from the Fed's perspective), the personal consumption expenditure index, or PCE, barely budged in November from October (up 0.1%). While the PCE rose 5.5% on a year-over-year basis, November was its fifth consecutive month of declines, suggesting that inflation has peaked.

Market Outlook *cont'd on page 3*

**Unique Opportunities** Target Risk: 1.20 (Current: 1.11) Foreign Holdings: 11.5% **2022 Return: -21.3%**

Stocks: 97.2% Bonds: 0.0% Cash: 2.8% Alternatives\*: 0.0% Yield: 0.3%

Holdings	Ticker	NAV	Shares	Value	Dec Ret
Growth Strategies	FDEGX	\$46.69	4,136.17	\$193,118	-6.4%
Blue Chip Growth	FBGRX	112.46	1,694.34	190,545	-9.6
Small Cap Stock	FSLCX	14.38	12,216.42	175,672	-5.0
Low-Priced Stock	FLPSX	46.19	3,364.30	155,397	-2.9
Mid-Cap Stock	FMCSX	37.46	3,629.53	135,962	-4.3



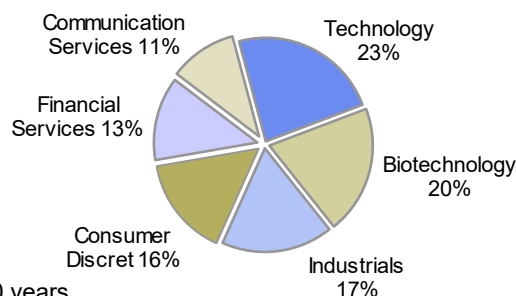
**Current Value (3/31/99 = \$100,000) \$850,694 -5.9%**

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

**Select** Target Risk: 1.20 (Current: 1.08) Foreign Holdings: 4.5% **2022 Return: -23.1%**

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

Holdings	Ticker	NAV	Shares	Value	Dec Ret
Technology	FSPTX	\$17.84	78,626.61	\$1,402,699	-8.7%
Biotechnology	FBIOX	16.28	73,727.84	1,200,289	-1.5
Industrials	FCYIX	29.47	35,401.98	1,043,296	-2.3
Consumer Discret	FSCPX	42.43	21,993.42	933,181	-9.8
Financial Services	FIDSX	10.74	72,727.00	781,088	-5.9
Communication Services	FBMPX	56.02	11,248.73	630,154	-7.2



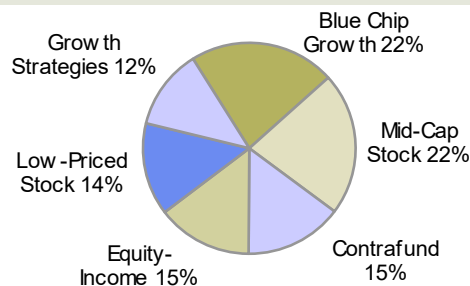
**Current Value (12/31/88 = \$100,000) \$5,990,707 -5.7%**

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

**Growth** Target Risk: 1.00 (Current: 1.03) Foreign Holdings: 13.7% **2022 Return: -21.0%**

Stocks: 96.9% Bonds: 0.0% Cash: 3.1% Alternatives\*: 0.0% Yield: 0.7%

Holdings	Ticker	NAV	Shares	Value	Dec Ret
Blue Chip Growth	FBGRX	\$112.46	8,472.03	\$952,765	-9.6%
Mid-Cap Stock	FMCSX	37.46	25,048.77	938,327	-4.3
Contrafund	FCNTX	12.09	52,855.24	639,020	-5.7
Equity-Income	FEQIX	63.74	9,779.04	623,316	-3.7
Low-Priced Stock	FLPSX	46.19	13,167.23	608,194	-2.9
Growth Strategies	FDEGX	46.69	11,287.83	527,029	-6.4



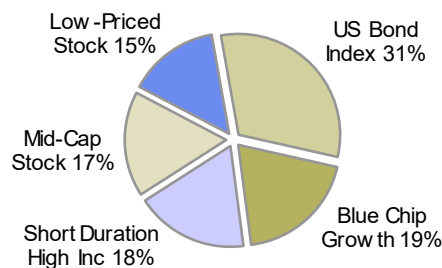
**Current Value (12/31/86 = \$100,000) \$4,288,650 -5.7%**

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: 0.66) Foreign Holdings: 16.0% **2022 Return: -17.3%**

Stocks: 49.2% Bonds: 31.8% Cash: 1.7% Alternatives\*: 17.3% Yield: 2.8%

Holdings	Ticker	NAV	Shares	Value	Dec Ret
US Bond Index	FXNAX	\$10.18	28,622.01	\$291,372	-0.7%
Blue Chip Growth	FBGRX	112.46	1,605.61	180,566	-9.6
Short Duration High Inc	FSAHX	8.52	19,583.22	166,849	-0.7
Mid-Cap Stock	FMCSX	37.46	4,184.12	156,737	-4.3
Low-Priced Stock	FLPSX	46.19	2,917.02	134,737	-2.9



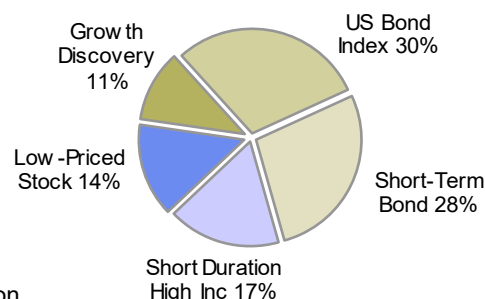
**Current Value (12/31/93 = \$100,000) \$930,261 -3.4%**

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

**Income** Target Risk: 0.33 (Current: 0.37) Foreign Holdings: 23.1% **2022 Return: -10.8%**

Stocks: 24.6% Bonds: 56.0% Cash: 1.2% Alternatives\*: 18.2% Yield: 3.6%

Holdings	Ticker	NAV	Shares	Value	Dec Ret
US Bond Index	FXNAX	\$10.18	13,342.09	\$135,823	-0.7%
Short-Term Bond	FSHBX	8.21	15,267.79	125,349	0.3
Short Duration High Inc	FSAHX	8.52	9,221.63	78,568	-0.7
Low-Priced Stock	FLPSX	46.19	1,420.45	65,611	-2.9
Growth Discovery	FDSVX	40.82	1,231.45	50,268	-6.2



**Current Value (12/31/91 = \$100,000) \$455,618 -1.4%**

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

## Market Outlook *cont'd from page 1*

Meanwhile, in the “bad news may be good news department,” the Labor Department said that unemployment claims have risen to a 10-month high of 1.7 million. That also suggests that the Fed’s rate hikes have been cooling the economy, which should lead to a slowdown in wage growth and ultimately a more tempered approach to tightening in 2023. Lest one forget, in December, the Fed raised rates 0.50%, which was less than each of its prior four hikes of 0.75%.

What’s in store this year?

According to the Fed, it’s not done. With rates currently in a range of 4.25% to 4.50%, it has signaled its intent to raise interest rates another 75 to 100 basis points (from 5.00% to 5.50%). And, of course, it will go further if inflation pressures reaccelerate which, as already noted, doesn’t seem likely.

Now let’s talk about economic growth.

Last year’s first two quarters saw the U.S. economy (as measured by GDP) contract -1.6% and -0.6%, respectively. However, the third quarter rebounded sharply with growth of 3.2%. The fourth quarter, says Atlanta’s Federal Reserve Bank, should be even stronger: up 3.7%.

Once again, that’s the good news. The bad news is that optimism could evaporate in 2023.

Back in November, a survey of 38 forecasters by the Federal Reserve Bank of Philadelphia called for only 1.0% GDP growth last quarter and, for the first three quarters of 2023, year-over-year growth of just 0.7% (and 1.8% in 2024). Though economists’ GDP forecasts always vary widely, most see unemployment rising this year as a conse-

## FUNDS YOU SHOULD BUY NOW

**Growth: Blue Chip Growth** and **Growth Company** are aggressive, volatile large-cap options; **Contrafund** and **Growth Discovery** are somewhat more conservatively positioned resulting in lower risk. **Low-Priced Stock** and **Mid Cap Stock** have lower market caps and hold companies that are significantly less pricey.

**Growth & Income: Equity-Income** and **Equity-Dividend Income** hold attractively valued, dividend-producing stocks.

**Taxable Bond: Conservative Income Bond** is your alternative to a money fund. **Short-Term Bond** holds higher-yielding corporates while limiting interest-rate-risk. For those willing to assume more interest-rate risk consider **Investment Grade Bond**. Finally, **U.S. Bond Index** provides diversified exposure (mostly corporates and government bonds).

**High Yield Funds: Short Duration High Income** has only limited interest-rate risk, but boosts its yield through lower-rated bonds whose overall credit risk is not substantial (relative to the broader junk bond market).

**Muni Bond Funds: Conservative Income Muni** is your tax-free alternative to a muni money market fund. **Limited Term Muni Income** is our preferred nationally-diversified fund for tax-free bond income. ■

quence of Fed tightening, and more than a few see a replay of 2022 with recession early-on followed by an equally shallow recovery in the second half.

If that comes to pass, one can

reasonably argue that the stock market baked that into share prices in December as the S&P 500 retreated over 5% and the Nasdaq Composite dropped nearly 9%. Suffice to say, a

*Market Outlook cont'd on page 4*

## MODEL PORTFOLIO TRADES

*As announced on our Hotline message of Friday Dec. 23, on Tuesday Dec. 27 we made the model portfolio trades below.*

**Select Model:** We sold one-fourth of **Select Financial Services** [FIDSX] (to 13%, from 17%) and added the proceeds of the sale into **Select Technology** [FSPTX] (increasing that stake to 23%, up from 20%).

**Annuity Sector Model:** We sold one-fourth of **VIP Financial Services** [FONNC] (to 14%, down from 18%) and invested the proceeds into **VIP Technology** [FYENC] (increasing that stake to 23%, up from 19%).

These changes bring the sector models closer to a market weighting in the financial and technology groups (see p. 16). It may not make sense to overweight the financials as rising interest rates weigh on consumer spending in 2023. And while underweighting the technology sector helped in relative terms last year, that group might see a tailwind from ongoing share repurchases and bargain-hunting activity this year.

**NOTE:** Percentages above reflect prices as of 12/27/22. In addition to model portfolio trades being announced on Friday Hotlines, they are also posted on our website (click on a model’s “Trades” tab). Separately, 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. ■

### Model Portfolios Key:

<sup>1</sup>Alternative 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.

**Market Outlook** *cont'd from page 3*

combination of slower GDP growth restrained by still-higher interest rates conspired in December to drive the S&P 500 back to early November levels. In other words, the “good news” is already baked into stocks.

**How To Proceed**

For starters, we have never been market-timers. In 35-plus years of navigating our way through multiple bear markets, we have always stuck to that core investment value, and have ultimately been rewarded for our patience. (The key to long-term investment success, we have long argued, is investing in accordance with one’s risk tolerance.)

With that in mind, in the face of slowing economic growth, modest market gains are achievable this year. The facing chart is the basis for much of my optimism.

Presently, stocks seem fairly valued: the S&P’s P/E ratio (price-earnings) of 19.1 is in line with its long-term average of 19.8. That may come as a surprise to some as, after all, the index lost 20% of its value last year. (Including dividends, it fell 18.1%.)

So while P/Es have been falling dramatically from highs of around 30 (since late-2020), one can argue

that only now are stocks priced appropriately given higher interest rates. Indeed, they certainly can fall further from here because the mood on Wall Street remains glum if, for no other reason, investors are not yet fully convinced that inflation is in sustained retreat and that the Fed won’t overplay its hand. As to the latter, if the Fed is truly committed to its 2% inflation goal, interest rates above its stated target range may be necessary in 2023 and beyond.

Even so, corporate America is preparing for slowing sales with the goal of boosting earnings.

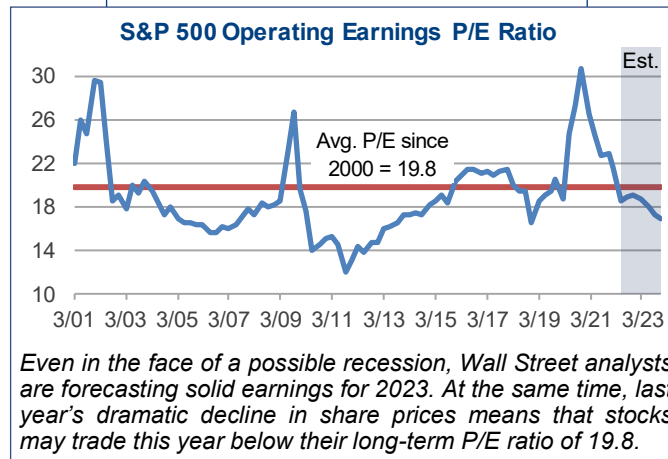
months, they’ve started to trim. While unemployment claims are now starting to rise, there are yet to be mass layoffs beyond those long in need of restructuring (such as Twitter). With that likely coming during the next two quarters, consumer sentiment may fall dragging down prices for everything from new and existing homes to various services. Assuming that oil prices remain range-bound, inflation will slow considerably, and another recession may be in the offing.

Now for the good news (as I see it). Let’s remember that stock investors are anticipatory. To that end, I expect to see share prices starting to rebound even as the headlines stoke fear that the recession may worsen into a depression, or something equally worrisome.

It will not.

Long-term investors will look to the accompanying chart and realize that stocks have become less expensive on a forward basis because earnings growth is poised to improve later in the year. Indeed, if one waits for that news to become reality, the likelihood of enjoying the year’s biggest move up will have been lost. To repeat, don’t time this market. Better days are ahead. ■

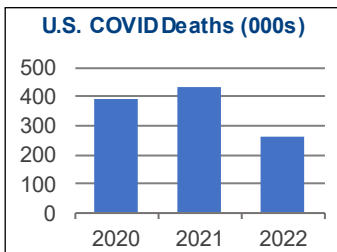
— John Bonnanzio



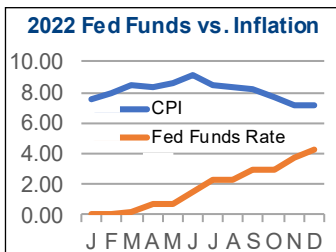
Holding the line on wage growth is one way to boost bottom lines. Unfortunately, another is “right-sizing.”

During the pandemic, technology, e-commerce and financial services businesses were inclined to increase headcounts. But in recent

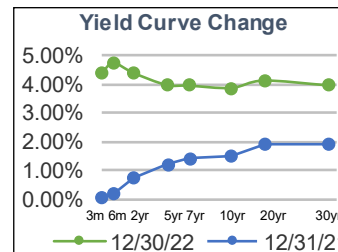
**2023: MIXED ECONOMIC SIGNALS**



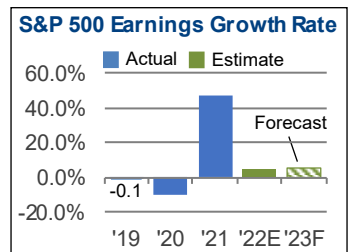
While U.S. Covid deaths fell 40% in 2022 to 261K, China’s newly relaxed lockdowns have reignited outbreaks there, and health concerns elsewhere. That raises the risk of supply-chain disruptions which were largely gone by year-end.



In 2021, U.S. monetary and fiscal policies stoked GDP growth and inflation. In 2022, Russia’s war spiked oil prices, the economy slipped into recession and inflation briefly topped 9%. The Fed responded with seven rate hikes.



With the Fed hiking short-term rates and investors anticipating an economic slowdown, yields on shorter-maturity Treasuries wound up higher than longer-term bonds. The resulting inverted yield curve has been a reliable predictor of recession.



Once tallied for 2022, S&P 500 earnings are likely to fall short of 2021’s resurgence. Though many are predicting a recession in 2023, analysts expect earnings growth rate to surpass 2022’s in each of the next four quarters.

## Stocks And Bonds Tumble Last Year, Leaving Investors With Few Places To Hide

This much is certain: 2022 inflicted tremendous financial pain on everyone. For those at the bottom of the economic ladder, inflation has been a direct body blow. Even worse, people are starting to lose their jobs.

As for those more fortunate, “I guess I’ll never retire” is a phrase I’ve heard muttered at more than a few holiday get-togethers. Anxiety is high because there’s tremendous uncertainty at home and abroad. I get it. I’m 64, and I’m none-too-happy, either.

That the S&P 500 ended 2022 where it stood back in February 2021 (one year into the pandemic) is a bitter pill to swallow. And there’s no comfort knowing that Elon Musk, Jeff Bezos, Larry Page and Mark Zuckerberg also took it on the chin last year. After all, numerous Fidelity stock funds are significant shareholders in Tesla (-65%), Amazon (-50%), Alphabet’s Google (-39%) and Meta’s Facebook (-64%).

On the other hand, history provides some comfort.

For example, while the financial crisis of 2008 resulted in the S&P 500 plunging 37.0%, that was followed by a 26.5% bounce in 2009 and a 15% gain in 2010. Moreover, the S&P’s 10- and 15-year average annual returns (through December 30, 2022) are 12.6% and 8.8%, respectively. Of course, with stocks returning an average of 10% a year (over full market cycles), every seven years they roughly double in value.

### Market Indexes

But enough of the hand-holding.

2022 actually got off to a bad start in September of 2021. At that time, Congress was fighting over multi-trillion-dollar infrastructure bills and debt ceilings. Inflation was starting to rear its ugly head, and the Fed wasn’t providing much clarity

Downside risk was building.

Against that backdrop, the stage was set for the year to come. U.S. stock and bond prices tumbled in January and February, while oil prices rose with every new satellite image of Russian ground forces preparing to lunge westward. By the end of February, Fidelity’s Europe-rich fund offerings had already suffered double-digit declines; U.S. markets didn’t fare much better.

Although bargain-shoppers drove the occasional relief rallies (mid-June to mid-August provided a respite with the S&P rising about 17%), the facing chart starkly shows that 2022 was a downward slog for virtually every variety of stock and bond fund. (We’ll discuss “cash” later on.)

Needless-to-say, the tech-rich **Nasdaq Composite Index** fund fared worst last year having tumbled 32.4%. (The aforementioned tech stocks were among the most significant contributors to its decline.) At the same time, Big Tech happens to account for a quarter of the S&P 500’s sector weight. As such, the world’s most widely followed benchmark (in terms of investor assets) ended the year on the cusp of bear-market territory: down 18.1%.

As for the Dow Jones Industrial Average, energy, utilities and pharmaceuticals cushioned its performance, though it slumped 6.9%. (2022 was the worst year for all three stock barometers since 2008.)

As for mid- and small-cap stocks, last year their respective Russell benchmarks fell 17.3% and 20.4%, respectively.

**Fund Commentary** *cont’d on page 11*

### BEST & WORST BY ASSET CLASS\*



to the financial markets with respect to how it planned to unwind its \$4 trillion portfolio (built up during the pandemic) of mortgage-backed bonds and Treasuries. There was also concern by some that the central bank was already late to address inflation as the fed funds rate was still at 0.00% to 0.25% at a time when the economy was clearly picking up steam.

Other concerns were fomenting abroad. China had yet to respond to its ever-expanding real estate bubble, and Russian troops were starting to amass along Ukraine’s border.

### January Scorecard Rating Changes

Mutual Funds	Ticker	Ratings			Comments
		Old	New		
Capital & Income	FAGIX	B	H	↓	Highly indebted companies face headwinds in the year ahead.
Conservative Inc Bond	FCONX	B	<b>B</b>	↑	Higher short-term bond yields are benefiting the fund without materially increasing risk.
Conservative Inc Muni	FORDX	B	<b>B</b>	↑	Higher short-term bond yields are benefiting the fund without materially increasing risk.
Select Banking	FSRBX	<b>B</b>	B	↓	Rising interest rates will reduce the demand for loans by consumers and businesses.

**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

DECEMBER 31, 2022

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)					Rel Vol (Risk) <sup>1</sup>
					Dec	2022	3 Mo.	1 Yr	3 Yr	5 Yr	10 Yr	15 Yr	
Comparative Indexes		S&P 500	3839.5		-5.8	-18.1	7.6	-18.1	7.7	9.4	12.6	8.8	1.00
		Nasdaq Composite	10466.5		-8.7	-32.5	-0.8	-32.5	6.1	9.7	14.5	10.4	1.14
		Dow Jones Industrials	33147.3		-4.1	-6.9	16.0	-6.9	7.3	8.4	12.3	9.0	1.01
		Russell 2000 (Small Caps)	1761.3		-6.5	-20.4	6.2	-20.4	3.1	4.1	9.0	7.2	1.25
		Bloomberg Barclays Agg Bond*			-0.6	-13.0	1.7	-13.0	-2.7	-0.0	1.0	1.8	0.28
Model Portfolios		Unique Opportunities			-5.9	-21.3	6.5	-21.3	10.1	9.2	11.6	7.6	1.11
		Select			-5.7	-23.1	3.6	-23.1	6.8	8.7	12.6	8.9	1.08
		Grow th			-5.7	-21.0	7.0	-21.0	9.2	9.6	11.4	7.6	1.03
		Grow th & Income			-3.4	-17.3	4.1	-17.3	5.9	6.3	8.6	6.2	0.66
		Income			-1.4	-10.8	3.2	-10.8	1.6	2.4	3.5	3.9	0.37

												Rel Vol (Risk) <sup>1</sup>	Assets (\$Mil)
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**LARGE CAP GROWTH** Average **-7.0 -28.4 3.1 -28.4 7.8 10.2 13.5 1.10**

312	FBGRX	Blue Chip Grow th	112.46	Buy	-9.6	-38.5	-1.5	-38.5	7.0	10.6	14.6	1.29	\$34,313
307	FDCAX	Capital Appreciation	31.89	Hold	-5.4	-21.2	5.9	-21.2	9.4	10.1	12.2	1.01	5,057
22	FCNTX	Contrafund	12.09	Buy	-5.7	-28.3	3.9	-28.3	5.8	8.5	12.4	1.04	89,003
3	FFIDX	Fidelity Fund	58.31	Buy	-6.2	-25.9	5.0	-25.9	7.7	9.6	11.9	1.02	5,664
333	FTQGX	Focused Stock	23.64	OK to Buy	-5.5	-26.6	4.5	-26.6	7.5	11.5	13.1	1.05	2,644
3336	FIFNX	Founders Fund	13.64	Hold	-6.2	-26.7	2.2	-26.7	8.7	--	--	1.04	62
25	FDGRX	Grow th Company (Closed)	22.51	Buy	-8.8	-33.8	1.9	-33.8	10.8	12.4	16.0	1.27	34,900
339	FDSVX	Grow th Discovery	40.82	Buy	-6.2	-24.4	3.5	-24.4	10.1	12.2	14.7	1.05	2,535
1829	FLGEX	Lrge Cap Grow th Enhcd Index	22.91	Buy	-7.3	-26.6	2.6	-26.6	8.9	10.3	13.6	1.07	1,642
2826	FSPGX	Lrge Cap Grow th Index	20.82	OK to Buy	-7.7	-29.2	2.2	-29.2	7.7	10.9	--	1.12	10,421
21	FMAGX	Magellan	10.69	OK to Buy	-6.6	-27.2	5.3	-27.2	5.9	8.0	12.1	1.08	24,169
1282	FNCMX	Nasdaq Composite Index	131.89	OK to Buy	-8.7	-32.4	-0.8	-32.4	6.1	9.6	14.3	1.14	10,668
93	FOCPX	OTC	12.83	OK to Buy	-8.0	-32.1	3.0	-32.1	7.6	10.9	16.3	1.13	15,846
320	FDSSX	Stock Selector All Cap	55.62	Hold	-5.6	-19.6	6.7	-19.6	7.3	8.4	11.8	1.02	1,334
5	FTRNX	Trend	108.61	OK to Buy	-7.5	-33.6	2.9	-33.6	6.2	9.6	13.1	1.19	2,312

**LARGE CAP BLEND** Average **-5.3 -15.0 9.5 -15.0 7.2 8.7 11.7 1.02**

2328	FXAIX	500 Index	133.12	OK to Buy	-5.8	-18.1	7.5	-18.1	7.6	9.4	12.6	1.00	372,750
315	FDEQX	Disciplined Equity	45.70	Hold	-6.3	-28.0	5.2	-28.0	6.0	7.2	10.8	1.07	1,483
330	FDGFX	Dividend Grow th	29.05	Buy	-4.0	-11.7	10.5	-11.7	4.9	6.7	10.1	1.04	5,618
27	FGRIX	Grow th & Income	47.59	OK to Buy	-4.7	-5.0	13.2	-5.0	8.9	8.9	11.6	1.02	7,669
1827	FLCEX	Lrge Cap Core Enhcd Index	17.86	OK to Buy	-5.5	-16.2	7.6	-16.2	8.8	9.7	12.5	0.97	1,912
338	FLCSX	Large Cap Stock	37.57	OK to Buy	-5.0	-8.0	12.8	-8.0	8.1	8.6	11.9	1.07	2,875
361	FGRTX	Mega Cap Stock	16.90	OK to Buy	-5.3	-9.0	14.0	-9.0	9.1	9.6	12.0	1.08	955
300	FMLX	New Millennium	39.55	OK to Buy	-4.2	-1.6	12.5	-1.6	8.8	8.6	11.5	1.07	2,581
2361	FSKAX	Total Market Index	105.98	Buy	-5.9	-19.5	7.2	-19.5	6.9	8.7	12.0	1.03	67,824
5029	FULVX	U.S. Low Volatility Equity	10.21	OK to Buy	-3.2	-10.4	9.9	-10.4	3.1	--	--	0.83	310
6391	FSEBX	Sustainability U.S. Equity	8.86	Hold	-5.9	-19.6	9.6	-19.6	--	--	--	--	15
2941	FITLX	U.S. Sustainability Index	16.66	OK to Buy	-6.0	-20.3	7.7	-20.3	7.6	9.6	--	1.01	2,250
3396	FWOMX	Women's Leadership	12.64	Hold	-5.7	-19.8	10.6	-19.8	6.3	--	--	1.10	101
3231	FNILX	Zero Large Cap Index	13.40	OK to Buy	-5.9	-19.4	7.2	-19.4	7.3	--	--	1.01	5,635
3227	FZROX	Zero Total Market Index	13.35	Buy	-5.9	-19.2	7.3	-19.2	7.1	--	--	1.03	12,983

**LARGE CAP VALUE** Average **-3.5 -4.0 13.1 -4.0 7.4 7.2 10.4 1.00**

1271	FBCVX	Blue Chip Value	24.12	Buy	-2.5	1.5	14.0	1.5	6.5	6.1	10.0	1.01	805
319	FEQTX	Equity Dividend Income	25.61	Buy	-3.1	-1.1	12.9	-1.1	7.2	7.2	10.1	1.00	5,186
23	FEQIX	Equity-Income	63.74	Buy	-3.7	-5.1	12.7	-5.1	8.0	8.1	10.2	0.90	6,774
1828	FLVEX	Lrge Cap Value Enhcd Index	14.33	OK to Buy	-4.0	-6.5	12.3	-6.5	7.8	7.6	11.1	1.00	6,040
2830	FLCOX	Lrge Cap Value Index	14.80	OK to Buy	-4.0	-7.6	12.4	-7.6	5.9	6.7	--	1.02	5,777
708	FSLVX	Stock Sel Large Cap Value	23.05	OK to Buy	-3.6	-5.5	14.4	-5.5	7.4	7.0	10.2	1.08	406
832	FVDFX	Value Discovery	35.15	Buy	-3.3	-3.8	12.8	-3.8	9.0	7.8	11.0	0.98	2,976

**MID-CAP GROWTH** Average **-6.2 -26.6 6.9 -26.6 4.3 8.0 11.5 1.16**

324	FDEGX	Grow th Strategies	46.69	Buy	-6.4	-26.5	7.0	-26.5	4.9	8.0	11.5	1.14	2,773
3403	FMDGX	Mid Cap Grow th Index	21.67	Hold	-6.0	-26.7	6.9	-26.7	3.7	--	--	1.18	547

**MID-CAP BLEND** Average **-5.4 -16.0 8.7 -16.0 6.3 7.1 10.8 1.18**

2365	FSMAX	Extended Market Index	63.02	Buy	-6.5	-26.4	5.1	-26.4	3.0	4.9	9.6	1.27	30,941
2012	FMEIX	Mid Cap Enhanced Index	15.45	OK to Buy	-5.7	-14.2	9.8	-14.2	7.1	6.7	11.1	1.12	1,788
2352	FSMDX	Mid Cap Index	25.92	OK to Buy	-5.4	-17.3	9.2	-17.3	5.9	7.1	11.0	1.13	25,894
337	FMCX	Mid-Cap Stock	37.46	Buy	-4.3	-6.3	9.7	-6.3	10.3	9.5	12.0	1.11	6,936
2412	FSSMX	Stock Selector Mid Cap	35.50	OK to Buy	-4.4	-13.9	10.7	-13.9	6.3	7.3	10.2	1.23	350
3230	FZIPX	Zero Extended Market Index	10.52	Hold	-5.9	-18.0	8.0	-18.0	5.1	--	--	1.23	1,323

**Notes:** Fund yields, durations and assets are the most current available. \*Fidelity's U.S. Bond Index used as a proxy for the Barclays Aggregate Bond Index. <sup>1</sup>Relative Volatility (Rel Vol) versus the S&P 500 over the last 36 months; 1.50 means the fund has been 50% more volatile. <sup>2</sup>Duration is a measure of interest rate sensitivity. <sup>3</sup>Stated yield is actual distributed yield over prior 12 months. <sup>4</sup>Almost a Specialty fund with 30%+ typically in foreign stocks. (p) Partial year; (↑) Rating upgraded; (↓) Rating downgraded.

# FIDELITY SCORECARD DECEMBER 31, 2022

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)			Rel Vol (Risk) <sup>1</sup>	Assets (\$Mil)	
					Dec	2022	3 Mo.	1 Year	3 Year	5 Year			10Year
<b>MID-CAP VALUE</b>					<b>Average</b>	<b>-4.9</b>	<b>-9.0</b>	<b>12.6</b>	<b>-9.0</b>	<b>8.3</b>	<b>6.9</b>	<b>10.3</b>	<b>1.22</b>
316	FLPSX	Low -Priced Stock <sup>5</sup>	46.19	Buy	-2.9	-5.8	14.1	-5.8	8.6	7.5	10.5	1.03	\$25,215
762	FSMVX	Mid Cap Value	24.05	OK to Buy	-5.8	-10.5	11.0	-10.5	6.6	4.0	9.5	1.19	1,091
3404	FIMVX	Mid Cap Value Index	22.73	OK to Buy	-5.1	-12.1	10.4	-12.1	5.7	--	--	1.17	848
39	FDVLX	Value	12.49	OK to Buy	-5.5	-9.0	13.6	-9.0	10.4	7.9	10.9	1.40	7,604
14	FSLSX	Value Strategies	46.99	OK to Buy	-5.3	-7.4	14.0	-7.4	10.2	8.2	10.3	1.30	566
<b>SMALL CAP GROWTH</b>					<b>Average</b>	<b>-5.9</b>	<b>-25.8</b>	<b>4.7</b>	<b>-25.8</b>	<b>2.4</b>	<b>7.9</b>	<b>12.8</b>	<b>1.21</b>
1388	FCPGX	Small Cap Grow th	23.66	OK to Buy	-5.5	-25.3	5.3	-25.3	4.0	7.9	12.8	1.17	2,683
3405	FECGX	Small Cap Grow th Index	20.66	OK to Buy	-6.4	-26.2	4.1	-26.2	0.7	--	--	1.25	334
<b>SMALL CAP BLEND</b>					<b>Average</b>	<b>-5.2</b>	<b>-19.2</b>	<b>8.0</b>	<b>-19.2</b>	<b>4.9</b>	<b>5.4</b>	<b>9.2</b>	<b>1.24</b>
384	FSCRX	Small Cap Discovery	22.95	OK to Buy	-3.8	-16.5	11.2	-16.5	6.6	5.9	9.1	1.32	2,957
2011	FCPEX	Small Cap Enhanced Index	11.90	OK to Buy	-5.6	-18.3	8.3	-18.3	5.3	4.7	9.0	1.22	582
2358	FSSNX	Small Cap Index	21.70	OK to Buy	-6.5	-20.3	6.2	-20.3	3.2	4.2	9.2	1.25	19,694
340	FSLCX	Small Cap Stock	14.38	Buy	-5.0	-22.5	5.7	-22.5	1.9	3.9	8.3	1.27	1,244
336	FDSCX	Stock Selector Small Cap	28.02	OK to Buy	-5.2	-18.3	8.8	-18.3	7.5	8.2	10.5	1.16	1,382
<b>SMALL CAP VALUE</b>					<b>Average</b>	<b>-5.7</b>	<b>-13.8</b>	<b>9.6</b>	<b>-13.8</b>	<b>7.4</b>	<b>6.5</b>	<b>10.4</b>	<b>1.29</b>
1389	FCPVX	Small Cap Value	17.75	OK to Buy	-4.8	-13.2	10.7	-13.2	10.1	6.5	10.4	1.27	2,660
3406	FISVX	Small Cap Value Index	21.44	OK to Buy	-6.6	-14.4	8.4	-14.4	4.6	--	--	1.31	918
<b>REAL ESTATE</b>					<b>Average</b>	<b>-0.6</b>	<b>-26.7</b>	<b>7.6</b>	<b>-26.7</b>	<b>-4.6</b>	<b>0.8</b>	<b>4.5</b>	<b>0.89</b>
1368	FIREX	International Real Estate	10.08	OK to Sell	-0.6	-26.7	7.6	-26.7	-4.6	0.8	4.5	0.89	268
833	FRIFX	Real Estate Income	11.15	Hold	-1.5	-14.5	1.8	-14.5	0.2	3.3	5.2	0.86	1,531
2355	FSRNX	Real Estate Index	14.53	Hold	-5.1	-26.1	4.3	-26.1	-2.7	1.7	5.3	1.14	2,521
303	FRESX	Real Estate Investment	37.33	Hold	-5.3	-24.3	4.2	-24.3	-0.3	3.6	6.5	1.05	3,133
<b>ASSET ALLOCATION</b>					<b>Average</b>	<b>-1.1</b>	<b>-10.2</b>	<b>2.8</b>	<b>-10.2</b>	<b>0.5</b>	<b>2.0</b>	<b>3.0</b>	<b>0.33</b>
328	FASIX	Asset Manager 20%	12.72	Hold	-1.1	-10.2	2.8	-10.2	0.5	2.0	3.0	0.33	3,765
1957	FTANX	Asset Manager 30%	10.75	Hold	-1.6	-12.3	3.7	-12.3	1.1	2.6	4.0	0.43	1,662
1958	FFANX	Asset Manager 40%	11.40	Hold	-2.1	-13.6	4.6	-13.6	1.8	3.2	4.9	0.51	1,572
314	FASMX	Asset Manager 50%	17.71	Hold	-2.4	-15.0	5.5	-15.0	2.4	3.7	5.7	0.60	7,510
1959	FSANX	Asset Manager 60%	12.97	Hold	-2.9	-16.3	6.2	-16.3	2.8	4.1	6.5	0.69	2,104
321	FASGX	Asset Manager 70%	22.51	Hold	-3.3	-16.9	7.1	-16.9	3.6	4.7	7.3	0.77	3,851
347	FAMRX	Asset Manager 85%	20.67	Hold	-3.9	-18.6	8.3	-18.6	4.4	5.5	8.5	0.89	1,890
304	FBALX	Balanced	22.92	Buy	-4.2	-18.2	5.1	-18.2	5.8	7.2	8.9	0.78	30,889
3083	FMSDX	Multi-Asset Income	12.49	Hold	-1.9	-12.8	4.4	-12.8	6.2	7.4	--	0.60	947
355	FFNOX	Multi-Asset Index	47.06	Hold	-4.0	-18.1	9.1	-18.1	3.7	5.4	8.4	0.87	7,322
4	FPURX	Puritan	20.50	Buy	-3.5	-17.2	5.4	-17.2	5.9	6.6	8.8	0.71	23,137
6477	FYMRX	Sustainable Multi-Asset	8.28	Hold	-3.4	-15.7p	8.0	-15.7p	--	--	--	--	6
<b>INTERNATIONAL</b>					<b>Average</b>	<b>-2.8</b>	<b>-19.3</b>	<b>13.3</b>	<b>-19.3</b>	<b>0.8</b>	<b>1.9</b>	<b>5.5</b>	<b>1.04</b>
309	FICDX	Canada	58.24	OK to Buy	-4.8	-6.1	9.0	-6.1	7.5	6.0	5.3	1.06	872
352	FHKCX	China Region	32.72	OK to Sell	0.5	-23.9	13.8	-23.9	-0.9	1.7	6.7	1.31	955
325	FDIVX	Diversified International	36.45	Hold	-3.3	-23.9	14.8	-23.9	0.7	2.3	5.5	0.97	8,033
351	FSEAX	Emerging Asia	35.20	OK to Sell	-3.2	-31.3	11.0	-31.3	0.5	2.4	6.0	1.24	984
322	FEMKX	Emerging Markets	31.42	OK to Sell	-3.7	-27.5	8.9	-27.5	-0.9	1.3	4.4	1.03	3,875
2374	FEDDX	Emerging Mkts Discovery	13.90	Hold	-1.6	-11.9	11.7	-11.9	3.2	1.3	3.6	1.05	275
2344	FPADX	Emerging Markets Index	9.43	OK to Sell	-2.8	-20.1	9.8	-20.1	-3.0	-1.6	1.3	0.98	6,139
5031	FEOPX	Enduring Opportunities	11.31	Buy	-5.0	-29.9	7.7	-29.9	3.3	--	--	1.05	12
301	FIEUX	Europe	30.72	Hold	-1.2	-20.6	18.5	-20.6	0.1	0.7	4.4	1.04	585
2406	FGILX	Global Equity Income	15.94	Buy	-4.1	-11.9	11.1	-11.9	6.3	6.8	9.1	0.85	153
2348	FSGGX	Global ex U.S. Index	12.55	Hold	-2.4	-15.7	15.0	-15.7	0.2	1.0	3.8	0.95	8,396
335	FVFX	International Cap App	20.87	Buy	-5.4	-26.5	13.1	-26.5	0.3	3.2	7.2	1.05	4,284
305	FIGRX	International Discovery	39.65	Hold	-3.5	-24.8	13.1	-24.8	0.5	1.4	5.1	0.99	3,734
2010	FIENX	International Enhanced Index	9.36	Hold	-2.3	-14.0	17.1	-14.0	1.1	0.8	5.0	0.97	1,470
1979	FIGFX	International Grow th	15.92	Buy	-4.4	-23.2	15.3	-23.2	1.2	4.2	6.6	0.99	1,326
2363	FSPSX	International Index	41.19	OK to Buy	-1.9	-14.3	18.2	-14.3	1.1	1.8	4.7	0.99	36,527
818	FISMX	International Small Cap	26.73	Hold	-0.3	-16.7	16.8	-16.7	1.3	1.2	7.5	1.03	1,264
1504	FSCOX	Int'l Small Cap Opps (Closed)	17.75	Hold	-3.6	-28.9	14.4	-28.9	0.0	2.1	7.3	1.07	776
2988	FNIDX	International Sustainability Idx	10.48	Hold	-2.5	-18.9	15.2	-18.9	-0.4	0.8	--	0.94	379
1597	FVLX	International Value	8.41	OK to Buy	-1.1	-8.0	20.5	-8.0	3.0	1.5	3.8	1.11	409
350	FJPNX	Japan	14.41	Hold	-4.1	-22.2	11.8	-22.2	0.2	1.5	5.9	0.92	127
360	FJSCX	Japan Smaller Companies	13.47	Hold	-2.7	-14.5	10.9	-14.5	-3.7	-1.8	8.1	0.79	405
349	FLATX	Latin America	17.77	OK to Sell	-5.1	1.4	2.3	1.4	-12.1	-3.1	-4.2	1.70	252
342	FNORX	Nordic	52.04	Hold	-0.1	-19.3	22.6	-19.3	9.3	6.3	10.0	1.15	291
94	FOSFX	Overseas	50.56	OK to Buy	-3.0	-24.8	15.8	-24.8	1.2	2.6	6.7	1.05	6,911
302	FPBFX	Pacific Basin	27.41	Hold	-2.9	-23.8	13.8	-23.8	1.2	2.4	8.2	0.96	769
6468	FSYJX	Sustainable Emerg Mkts Eqty	7.49	OK to Sell	-2.9	-24.6p	10.0	-24.6p	--	--	--	--	3
6462	FSYRX	Sustainable Int'l Equity	7.94	Hold	-2.4	-20.2p	14.6	-20.2p	--	--	--	--	5
2369	FTEMX	Total Emerging Markets	10.93	OK to Sell	-1.7	-22.5	9.7	-22.5	-4.7	-2.0	1.8	0.94	100
1978	FTIEX	Total International Equity	9.45	OK to Buy	-2.5	-17.0	15.5	-17.0	2.8	3.3	5.4	0.96	99
2834	FTIHX	Total International Index	11.71	OK to Buy	-2.2	-16.3	14.8	-16.3	0.3	1.0	--	0.96	9,152
318	FWVFX	Worldw ide	25.14	OK to Buy	-4.3	-25.7	7.7	-25.7	4.9	7.3	9.6	1.00	1,999
3228	FZILX	Zero International Index	9.81	OK to Buy	-2.3	-15.9	15.3	-15.9	0.3	--	--	0.96	2,982

# FIDELITY SCORECARD

DECEMBER 31, 2022

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				Rel Vol (Risk) <sup>1</sup>	Assets (\$Mil)
					Dec	2022	3 Mo.	1 Year	3 Year	5 Year	10Year		
<b>SPECIALTY</b>													
6385	FCAEX	Climate Action	8.32	Hold	-5.7	-25.3	9.6	-25.3	--	--	--	--	\$20
308	FCV SX	Convertible Securities	29.76	Hold	-3.2	-15.3	3.8	-15.3	9.9	11.0	9.2	0.84	1,538
2120	FFGCX	Global Commodity Stock	19.25	OK to Sell	-5.8	20.7	13.7	20.7	17.3	10.5	4.8	1.34	977
6553	FAPHX	Healthy Future Fund	9.54	OK to Buy	-5.5	-4.6p	3.6	-4.6p	--	--	--	--	2
6875	FEQHX	Hedged Equity	9.51	NR	-5.4	-4.6p	-2.4	-4.6p	--	--	--	--	44
3488	FNSTX	Infrastructure Fund	11.46	OK to Sell	-4.4	-7.6	9.3	-7.6	3.9	--	--	0.89	40
122	FLVCX	Leveraged Company Stock	31.21	Hold	-7.4	-23.1	5.5	-23.1	7.1	6.9	9.3	1.32	1,859
6519	FAQAX	Macro Opportunities	9.53	NR	-0.3	-4.7p	-2.0	-4.7p	--	--	--	--	<1
6513	FAP SX	Risk Parity	9.05	NR	-2.6	-3.3p	7.6	-3.3p	--	--	--	--	1
1329	FSDIX	Strategic Dividend & Income	15.36	OK to Buy	-3.1	-9.8	8.3	-9.8	6.1	6.9	8.8	0.75	3,094
1505	FSRRX	Strategic Real Return	8.40	Hold	-1.9	-3.3	3.9	-3.3	5.1	4.2	2.5	0.55	390
311	FIUIX	Telecom & Utilities	28.26	Hold	-2.0	5.0	9.8	5.0	4.8	7.7	9.4	0.82	991
<b>DISRUPTOR/MEGATREND FUNDS</b>					<b>Average</b>	<b>-5.9</b>	<b>-25.7</b>	<b>7.3</b>	<b>-25.7</b>				
6041	FARMX	Agricultural Productivity	21.02	Hold	-5.8	13.7	11.8	13.7	--	--	--	--	150
6036	FBOTX	Disruptive Automation	13.67	OK to Buy	-6.1	-32.5	11.9	-32.5	--	--	--	--	19
6037	FNETX	Disruptive Communications	9.89	OK to Buy	-8.2	-39.3	0.0	-39.3	--	--	--	--	4
6038	FNTEX	Disruptive Finance	13.39	Hold	-4.6	-24.8	9.6	-24.8	--	--	--	--	7
6039	FMEDX	Disruptive Medicine	10.78	OK to Buy	-3.8	-21.7	6.7	-21.7	--	--	--	--	7
6040	FTEKX	Disruptive Technology	9.94	OK to Buy	-8.6	-47.5	-0.8	-47.5	--	--	--	--	19
6043	FGDFX	Disruptors	11.86	OK to Buy	-6.1	-33.4	5.5	-33.4	--	--	--	--	24
6042	FLOWX	Water Sustainability	13.56	OK to Buy	-4.1	-19.9	13.6	-19.9	--	--	--	--	90
<b>SELECT PORTFOLIOS</b>					<b>Average</b>	<b>-5.1</b>	<b>-13.6</b>	<b>9.5</b>	<b>-13.6</b>	<b>6.9</b>	<b>7.8</b>	<b>11.2</b>	<b>1.24</b>
502	FSAVX	Automotive	40.23	Hold	-12.9	-37.4	-1.8	-37.4	9.5	7.9	9.9	1.49	105
507	FSRBX	Banking	24.52	OK to Buy	-7.6	-12.6	4.9	-12.6	2.0	3.3	9.8	1.50	464
42	FBIOX	Biotechnology	16.28	Buy	-1.5	-15.9	5.1	-15.9	0.7	4.4	11.9	1.11	5,350
68	FSLBX	Brokerage & Investment	106.78	OK to Buy	-6.2	-17.5	12.4	-17.5	12.4	9.7	12.0	1.23	830
69	FSCHX	Chemicals	14.57	OK to Buy	-5.8	-13.8	12.9	-13.8	10.2	2.4	8.5	1.23	699
503	FBMPX	Communication Services	56.02	Buy	-7.2	-38.3	0.2	-38.3	-1.0	4.4	9.0	1.14	658
511	FSHOX	Construction & Housing	82.79	OK to Buy	-3.9	-22.8	10.7	-22.8	15.2	12.7	13.7	1.27	490
517	FSCPX	Consumer Discretionary	42.43	Buy	-9.8	-34.8	-3.7	-34.8	1.8	5.8	10.7	1.29	411
9	FDFAX	Consumer Staples	94.18	OK to Buy	-2.7	-0.4	14.6	-0.4	8.3	7.1	8.8	0.84	923
67	FSDAX	Defense & Aerospace	15.55	OK to Buy	1.9	6.9	25.5	6.9	1.1	5.2	12.4	1.36	1,457
60	FSENX	Energy	56.11	OK to Sell	-4.2	63.0	20.8	63.0	19.6	7.1	4.7	2.15	3,331
516	FSLEX	Environment & Alt Energy	26.21	OK to Buy	-7.5	-26.0	2.7	-26.0	5.3	5.1	9.8	1.25	512
66	FIDSX	Financial Services	10.74	Buy	-5.9	-8.2	10.1	-8.2	7.3	6.9	11.0	1.30	758
98	FSVLX	FinTech	12.75	OK to Buy	-5.3	-29.8	5.3	-29.7	-4.2	1.1	7.2	1.55	111
41	FSAGX	Gold	22.44	Sell	1.1	-13.5	19.8	-13.5	-0.6	3.0	-3.8	1.77	1,078
63	FSPHX	Health Care	27.62	Buy	-2.5	-12.8	6.3	-12.8	6.6	11.3	15.4	0.86	8,641
505	FSHCX	Health Care Services	132.00	Buy	-3.3	0.8	3.4	0.8	12.8	13.7	15.8	0.92	1,816
515	FCYIX	Industrials	29.47	Buy	-2.3	-10.4	16.4	-10.4	5.4	4.9	9.8	1.19	439
45	FSPCX	Insurance	74.05	Buy	-2.3	7.8	17.7	7.8	11.6	9.9	13.6	1.11	380
353	FBSOX	IT Services	52.55	OK to Buy	-5.7	-28.8	7.9	-28.8	-1.4	7.3	14.0	1.25	2,201
62	FDLSX	Leisure	14.36	OK to Buy	-7.2	-15.2	12.0	-15.2	6.9	7.8	12.2	1.41	572
509	FSDPX	Materials	95.33	OK to Buy	-5.4	-9.8	15.7	-9.8	13.1	4.4	6.9	1.19	599
354	FSMEX	Medical Tech & Devices	61.58	OK to Buy	-1.3	-24.8	9.6	-24.8	6.8	12.9	17.1	1.04	7,214
514	FNARX	Natural Resources	38.86	OK to Sell	-4.0	41.0	23.4	41.0	15.9	7.0	4.0	1.90	809
580	FPHAX	Pharmaceuticals	22.78	Buy	-1.8	1.0	10.2	1.0	7.8	11.8	11.8	0.70	823
46	FSRPX	Retailing	15.89	OK to Buy	-7.2	-29.4	4.2	-29.4	6.4	9.7	14.8	1.20	2,912
8	FSELX	Semiconductors	14.61	OK to Buy	-11.7	-35.2	9.4	-35.2	14.1	16.6	22.5	1.64	6,828
28	FSCSX	Software & IT Services	19.67	OK to Buy	-5.7	-29.1	5.4	-29.1	6.8	12.0	17.1	1.10	8,861
7	FDCPX	Tech Hardware	71.33	OK to Buy	-8.0	-28.6	8.9	-28.6	8.8	11.2	13.1	1.08	738
64	FSPTX	Technology	17.84	Buy	-8.7	-36.9	2.5	-36.9	8.0	11.7	16.4	1.26	8,326
96	FSTCX	Telecommunications	44.40	Hold	-3.6	-17.0	9.8	-17.0	-0.9	1.5	5.7	0.83	170
512	FSRFX	Transportation	90.00	Hold	-7.1	-10.2	10.2	-10.2	8.8	6.3	13.0	1.23	606
65	FSUTX	Utilities	105.61	Hold	-0.6	5.2	9.1	5.2	7.6	10.6	11.3	0.93	1,490
963	FWRLX	Wireless	9.49	Hold	-7.8	-27.8	1.6	-27.8	2.5	7.2	9.6	0.96	315
<b>SECTOR ETFs</b>					<b>Average</b>	<b>-5.1</b>	<b>-9.6</b>	<b>9.0</b>	<b>-9.6</b>	<b>7.3</b>	<b>7.8</b>	<b>1.19</b>	
	FCOM	MSCI Communication Services	31.06	OK to Buy	-7.2	-39.0	-0.4	-39.0	-3.7	1.4	--	1.12	512
	FDIS	MSCI Consumer Discretionary	56.68	Buy	-10.9	-35.2	-6.6	-35.2	6.4	8.7	--	1.38	1,050
	FSTA	MSCI Consumer Staples	44.81	OK to Buy	-3.2	-1.7	12.3	-1.7	8.6	8.3	--	0.75	1,150
	FENY	MSCI Energy	23.84	OK to Sell	-3.9	63.1	21.0	63.1	19.3	8.2	--	2.20	1,740
	FNCL	MSCI Financials	47.94	Buy	-5.8	-12.3	11.9	-12.3	5.0	5.7	--	1.25	1,640
	FHLC	MSCI Health Care	63.98	Buy	-2.1	-5.5	11.3	-5.5	10.3	11.6	--	0.80	3,230
	FIDU	MSCI Industrials	50.71	Buy	-3.6	-8.4	16.6	-8.4	8.0	7.3	--	1.18	729
	FTEC	MSCI Information Technology	94.51	Buy	-7.9	-29.6	4.2	-29.6	10.3	14.7	--	1.19	5,390
	FMAT	MSCI Materials	43.65	OK to Buy	-5.3	-11.5	15.4	-11.5	10.5	6.6	--	1.21	452
	FREL	MSCI Real Estate	24.81	Hold	-5.0	-26.2	4.2	-26.2	-0.5	3.9	--	1.08	1,550
	FUTY	MSCI Utilities	45.58	Hold	-0.9	1.1	8.7	1.1	5.7	9.0	--	0.92	2,130

# FIDELITY SCORECARD DECEMBER 31, 2022

Fund No.	Fund Ticker	Fund Name	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				SEC %Yield	Dur <sup>2</sup> (Yrs)	Rel Vol (Risk) <sup>1</sup>	
					Dec	2022	3 Mo.	1 Yr	3 Yr	5 Yr	10 Yr				
<b>TAXABLE BOND</b>					<b>Average</b>	<b>-0.5</b>	<b>-11.2</b>	<b>1.4</b>	<b>-11.2</b>	<b>-2.1</b>	<b>0.2</b>	<b>0.9</b>	<b>4.25</b>	<b>5.2</b>	<b>0.26</b>
2267	FCONX	Conservative Income Bond	9.99	Buy↑	0.4	1.2	1.0	1.2	0.7	1.3	1.0	4.29	0.2	0.06	
2208	FCBFX	Corporate Bond	10.06	OK to Buy	-0.5	-16.4	3.2	-16.4	-2.9	0.4	2.0	5.21	7.0	0.46	
6379	FFBFX	Environmental Bond	8.32	OK to Buy	-0.5	-13.7	1.9	-13.7	--	--	--	3.99	6.2	--	
2423	FGBFX	Global Credit	7.34	Hold	-0.6	-19.7	2.1	-19.7	-4.7	-0.8	-0.1	5.47	6.8	0.49	
15	FGMNX	GNMA (Ginnie Mae)	10.08	Hold	-0.7	-11.3	1.9	-11.3	-3.0	-0.6	0.5	3.30	4.8	0.25	
54	FGOVX	Government Income	9.13	OK to Buy	-0.7	-12.8	0.9	-12.8	-3.0	-0.5	0.4	3.50	6.1	0.26	
2418	FIPDX	Inflation-Protected Index	9.02	OK to Sell	-1.2	-12.0	1.9	-12.0	1.1	2.0	1.1	0.00 <sup>1</sup>	6.8	0.33	
32	FTHRFX	Intermediate Bond	9.86	OK to Buy	-0.2	-8.7	1.5	-8.7	-1.2	0.8	1.2	4.41	3.8	0.21	
452	FSTGX	Intermediate Gov't Income	9.57	OK to Buy	-0.3	-8.4	0.9	-8.4	-1.9	0.0	0.4	3.65	3.9	0.18	
3045	FUAMX	Intermediate Treasury Index	9.58	OK to Buy	-1.0	-12.7	0.9	-12.7	-2.6	0.1	0.7	3.75	6.2	0.30	
4506	FBIX	International Bond Index	8.81	Hold	-2.0	-10.8	0.2	-10.8	-2.9	--	--	3.06	7.6	0.23	
26	FBNDX	Investment Grade Bond	7.06	Buy	-0.7	-13.5	1.7	-13.5	-2.0	0.6	1.5	4.71	6.3	0.29	
2622	FJRLX	Limited Term Bond	10.80	Buy	0.2	-5.9	1.5	-5.9	-0.8	0.9	1.2	4.48	2.5	0.17	
662	FFXSX	Limited Term Government	9.38	OK to Buy	-0.0	-6.2	0.7	-6.2	-1.3	0.2	0.4	3.82	2.8	0.13	
3047	FNBGX	Long-Term Treasury Index	10.14	Hold	-2.3	-29.4	-1.3	-29.4	-7.5	-2.3	0.5	4.02	16.4	0.69	
40	FMSFX	Mortgage Securities	9.81	Hold	-0.5	-12.2	2.1	-12.2	-3.2	-0.6	0.7	3.28	5.9	0.28	
450	FSBFX	Short-Term Bond	8.21	Buy	0.3	-3.6	1.0	-3.6	-0.3	0.9	0.9	4.24	1.7	0.11	
3041	FNSOX	Short-Term Bond Index	9.47	OK to Buy	0.0	-5.5	1.1	-5.5	-0.7	0.8	--	4.42	2.6	0.12	
3049	FUMBX	Short-Term Treasury Index	9.85	OK to Buy	-0.1	-5.6	0.8	-5.6	-0.9	0.6	0.6	4.20	2.5	0.12	
3086	FNDSX	Sustainability Bond Index	9.12	OK to Buy	-0.7	-12.9	1.6	-12.9	-2.8	--	--	3.99	6.0	0.27	
6541	FIAEX	Sustainable Core Plus Bond	9.12	OK to Buy	-0.6	-6.6p	1.8	-6.6p	--	--	--	4.64	5.9	--	
6526	FAPGX	Sustainable Low Dur Bond	9.98	Hold	0.4	0.9p	0.8	0.9p	--	--	--	4.28	0.4	--	
6502	FBAGX	Tactical Bond	8.74	Hold	-0.6	-9.3p	2.2	-9.3p	--	--	--	5.82	5.6	--	
820	FTBFX	Total Bond	9.33	Buy	-0.7	-12.9	2.1	-12.9	-1.6	0.8	1.8	5.34	6.0	0.31	
2326	FXNAX	U.S. Bond Index	10.18	Buy	-0.6	-13.0	1.7	-13.0	-2.7	-0.0	1.0	4.07	6.2	0.28	
<b>HIGH-YIELD BOND</b>					<b>Average</b>	<b>-0.4</b>	<b>-9.6</b>	<b>4.6</b>	<b>-9.6</b>	<b>-0.4</b>	<b>1.5</b>	<b>3.1</b>	<b>7.06</b>	<b>3.7</b>	<b>0.51</b>
38	FAGIX	Capital & Income	9.02	Hold↓	-1.4	-10.5	4.4	-10.5	3.3	4.3	5.8	6.69	3.7	0.66	
814	FFRHX	Floating Rate High Income	8.98	OK to Buy	0.3	-0.3	2.9	-0.3	2.3	3.1	3.2	8.49	0.2	0.41	
1366	FHIFX	Focused High Income	7.59	OK to Buy	-0.6	-11.0	3.9	-11.0	-1.4	1.5	3.0	6.24	4.4	0.46	
2297	FGHIX	Global High Income	8.18	OK to Buy	0.9	-10.7	6.7	-10.7	-0.9	1.1	3.2	7.35	3.7	0.58	
455	SPIX	High Income	7.28	Hold	-1.3	-12.0	3.9	-12.0	-2.1	0.9	3.1	8.11	4.2	0.53	
331	FNMX	New Markets Income	11.51	Hold	0.3	-15.0	9.0	-15.0	-4.4	-2.3	1.0	6.92	6.6	0.65	
2580	FSAHX	Short Duration High Income	8.52	Buy	-0.6	-6.1	2.6	-6.1	0.3	1.7	--	6.98	2.1	0.35	
3082	FADMX	Strategic Income	10.88	OK to Buy	-0.8	-11.1	3.3	-11.1	-0.2	1.4	2.6	5.72	4.5	0.41	
<b>MUNICIPAL BOND</b>					<b>Average</b>	<b>0.1</b>	<b>-7.9</b>	<b>3.4</b>	<b>-7.9</b>	<b>-0.9</b>	<b>1.0</b>	<b>1.9</b>	<b>3.11</b>	<b>5.8</b>	<b>0.27</b>
434	FSAZX	Arizona Muni Income	11.15	OK to Buy	0.2	-8.7	3.6	-8.7	-1.2	0.8	2.0	2.86	6.5	0.28	
1534	FCSTX	Calif Limited Term Tax Free	10.16	Buy	0.2	-4.4	2.4	-4.4	-0.4	0.8	1.1	2.57	2.8	0.16	
91	FCTFX	California Muni Income	11.85	OK to Buy	0.1	-8.9	3.7	-8.9	-1.0	1.0	2.2	3.11	6.8	0.31	
407	FICNX	Connecticut Muni Income	10.67	OK to Buy	0.1	-8.3	3.7	-8.3	-0.9	1.2	1.9	2.99	5.8	0.29	
2578	FCRDY	Conservative Income Muni	9.97	Buy↑	0.2	0.2	0.8	0.2	0.3	0.9	--	2.86	0.5	0.04	
36	FLTMX	Interm Municipal Income	9.90	OK to Buy	0.2	-6.3	3.2	-6.3	-0.3	1.3	1.8	3.07	4.6	0.25	
404	FSTFX	Limited Term Muni Income	10.15	Buy	0.2	-4.5	2.1	-4.5	-0.3	0.9	1.0	2.90	2.6	0.16	
429	SMDMX	Maryland Muni Income	10.47	OK to Buy	0.1	-8.9	3.9	-8.9	-1.2	0.7	1.8	3.02	6.3	0.30	
70	FDMMX	Mass Muni Income	11.14	OK to Buy	-0.1	-9.0	3.3	-9.0	-1.2	0.7	1.8	2.99	6.7	0.29	
81	FMHTX	Michigan Muni Income	11.21	OK to Buy	0.0	-9.2	3.5	-9.2	-1.0	0.9	2.0	3.25	6.5	0.28	
82	FIMIX	Minnesota Muni Income	10.88	OK to Buy	0.3	-7.5	3.7	-7.5	-0.8	1.0	1.7	2.87	5.9	0.26	
3469	FMBIX	Municipal Bond Index	18.09	OK to Buy	-0.0	-9.4	4.0	-9.4	-1.8	--	--	3.33	6.4	0.31	
37	FHIGX	Municipal Income	11.87	OK to Buy	-0.0	-10.2	4.1	-10.2	-1.1	1.1	2.3	3.55	7.5	0.36	
416	FNJHX	New Jersey Muni Income	11.13	OK to Buy	0.1	-9.2	3.9	-9.2	-0.7	1.5	2.2	3.03	6.7	0.35	
71	FTFMX	New York Muni Income	11.91	OK to Buy	0.1	-10.4	3.9	-10.4	-1.4	0.7	1.9	3.52	8.1	0.34	
88	FOHFX	Ohio Muni Income	11.14	OK to Buy	0.1	-8.6	3.8	-8.6	-1.1	0.8	2.1	3.15	6.7	0.29	
402	FPXTX	Pennsylvania Muni Income	10.22	OK to Buy	-0.1	-9.7	3.7	-9.7	-1.2	0.9	2.0	3.39	6.9	0.31	
6532	FSIKX	Sustainable Intermed Muni	9.92	OK to Buy	0.4	1.0p	3.7	1.0p	--	--	--	2.93	4.9	--	
90	FTABX	Tax-Free Bond	10.62	OK to Buy	-0.0	-10.1	3.9	-10.1	-1.1	1.2	2.3	3.77	7.3	0.35	

Yields on municipal funds are not directly comparable to yields on taxable funds. In muni funds shareholders' effective yield will be higher as their tax-bracket increases. <sup>1</sup>12-month distributed yield; <sup>2</sup>Closed to new accounts; <sup>3</sup>Name changed to Premium Class shares (formerly AMT).

TAXABLE GOV'T MONEY MARKETS			Total Return (%)		SEC %Yield
			Dec	2022	
55	FDRXX	Gov't Cash Reserves	0.31	1.34	3.85
458	SPAXX	Government MM	0.31	1.31	3.84
2742	FZFX	Treasury MM	0.31	1.33	3.85
415	FDLXX	Treasury Only MM (closed)	0.31	1.26	3.71

PRIME MONEY MARKETS					
454	SPRXX	Money Market	0.33	1.49	4.14

NOTE: SPRXX is available in premium class shares (ticker: FZDXX) with a \$100,000 minimum investment (\$10,000 for certain Fidelity retirement accounts and lower expenses).

NATIONAL MUNICIPAL MONEY MKTS			Total Return (%)		SEC %Yield
			Dec	2022	
10	FTEXX	Municipal Money Market	0.23	0.92	3.37
275	FMOXX	Tax-Exempt MM	0.22	0.86	3.27

STATE MUNICIPAL MONEY MARKETS					
433	FSAXX	Arizona Muni MM <sup>1</sup>	0.22	0.88	3.23
457	FSPXX	California Muni MM <sup>2</sup>	0.22	0.91	3.06
418	FCMXX	Connecticut Muni MM <sup>1</sup>	0.30	0.91	3.21
426	FMSXX	Massachusetts Muni MM <sup>2</sup>	0.22	0.88	3.17
420	FMXX	Michigan Muni MM <sup>1</sup>	0.21	0.83	3.18
423	FSJXX	New Jersey Muni MM <sup>2</sup>	0.22	0.92	3.14
422	FSNXX	New York Muni MM <sup>2</sup>	0.23	0.95	3.31
419	FOMXX	Ohio Muni MM <sup>1</sup>	0.21	0.85	3.15
401	FPTXX	Pennsylvania Muni MM <sup>1</sup>	0.22	0.89	3.27

# FIDELITY SCORECARD

DECEMBER 31, 2022

Fund No.	Fund Ticker	Fund Name	Style	\$Price (NAV)	Advice	Total Return (%)			Avg Annual (%)				Rel Vol (Risk) <sup>1</sup>
						Dec	2022	3 Mo.	1 Year	3 Year	5 Year	10 Year	
<b>FIDELITY PERSONAL RETIREMENT ANNUITY PORTFOLIOS</b>													
Model Portfolios	Annuity Sector Model					-6.0	-22.4	5.3	-22.4	7.0	8.8	12.7	1.07
	Annuity Growth Model					-5.8	-21.3	7.2	-21.3	8.7	9.6	11.2	1.07
	Annuity Growth & Income Model					-3.6	-16.4	5.1	-16.4	5.4	6.1	7.6	0.68
	Annuity Income Model					-1.8	-12.4	3.4	-12.4	1.6	2.5	3.2	0.40
9067	FLRQC	Fid VIP Asset Manager	Allocation	23.89	Hold	-2.5	-15.2	5.3	-15.2	2.1	3.4	5.3	0.60
9066	FAEEC	Fid VIP Asset Manager: Growth	Allocation	26.28	Hold	-3.3	-17.1	7.0	-17.1	3.2	4.4	6.8	0.76
9069	FJBAC	Fid VIP Balanced	Allocation	33.75	Buy	-4.3	-18.2	5.1	-18.2	5.6	6.9	8.5	0.77
9461	FBIQC	Fid VIP Bond Index	Bond	10.00	Buy	-0.7	-13.4	1.5	-13.4	-3.2	--	--	0.28
9173	FVTAC	Fid VIP Communication Services	Sector	20.03	Buy	-7.2	-38.3	0.4	-38.3	-1.3	3.7	6.7	1.14
9081	FVHAC	Fid VIP Consumer Discretionary	Sector	39.22	Buy	-9.9	-34.9	-3.8	-34.9	1.7	5.6	10.4	1.28
9171	FCSAC	Fid VIP Consumer Staples	Sector	37.35	OK to Buy	-2.7	-0.9	14.3	-0.9	7.9	6.7	9.6	0.83
9065	FPDFC	Fid VIP Contrafund	Large Growth	40.54	Buy	-5.9	-26.6	5.0	-26.6	6.8	8.3	11.1	1.01
9148	FPRGC	Fid VIP Disciplined Small Cap	Small Blend	26.40	OK to Buy	-5.7	-18.5	8.2	-18.5	5.0	4.3	8.6	1.22
9074	FZAMC	Fid VIP Dynamic Capital App	Large Growth	46.10	Hold	-5.4	-21.1	5.8	-21.1	9.3	9.9	12.1	1.01
9198	FEMAC	Fid VIP Emerging Markets	Emg Mkts	12.48	OK to Sell	-1.0	-20.4	13.5	-20.4	0.5	1.4	4.3	1.07
9085	FJLLC	Fid VIP Energy	Sector	22.65	OK to Sell	-4.2	62.8	20.7	62.8	19.1	6.8	4.4	2.15
9061	FLOLC	Fid VIP Equity-Income	Large Value	31.74	Buy	-3.7	-5.3	12.4	-5.3	7.8	7.8	9.8	0.90
9469	FEMJC	Fid VIP Extended Market Index	Mid Blend	12.15	Buy	-5.9	-18.3	7.8	-18.3	4.7	--	--	1.23
9083	FONNC	Fid VIP Financial Services	Sector	20.33	Buy	-5.8	-8.6	10.2	-8.6	6.8	6.5	10.7	1.30
9361	FFLCC	Fid VIP Floating Rate High Income	High-Yield Bond	12.84	OK to Buy	0.2	-0.8	2.6	-0.8	2.1	2.9	--	0.40
9157	FMPAC	Fid VIP FundsManager 20	Allocation	16.71	Hold	-1.3	-9.9	2.9	-9.9	0.2	1.7	2.7	0.31
9158	FMPBC	Fid VIP FundsManager 50	Allocation	21.42	Hold	-2.6	-14.1	5.7	-14.1	2.3	3.6	5.4	0.58
9197	FMPPC	Fid VIP FundsManager 60	Allocation	21.06	Hold	-2.9	-15.3	6.8	-15.3	2.9	4.1	6.4	0.67
9159	FMPCC	Fid VIP FundsManager 70	Allocation	24.08	Hold	-3.3	-15.9	7.5	-15.9	3.6	4.7	7.2	0.75
9160	FMPDC	Fid VIP FundsManager 85	Allocation	25.83	Hold	-3.9	-17.3	9.0	-17.3	4.5	5.4	8.5	0.89
9059	FTNJC	Fid VIP Gov't Money Market	Money Mkt	11.85	--	0.3	1.1	0.8	1.1	0.3	0.8	0.4	0.01
9062	FMNDC	Fid VIP Growth	Large Growth	50.59	Buy	-6.2	-24.7	3.3	-24.7	9.9	12.1	14.4	1.05
9070	FLFNC	Fid VIP Growth & Income	Large Blend	38.57	OK to Buy	-4.7	-5.3	13.2	-5.3	8.5	8.5	11.2	1.02
9068	FIDPC	Fid VIP Growth Opportunities	Large Growth	52.77	Buy	-8.7	-38.4	-0.5	-38.4	5.0	12.7	14.7	1.33
9084	FPDRC	Fid VIP Health Care	Sector	64.46	Buy	-2.6	-12.7	6.2	-12.7	5.6	10.1	14.7	0.84
9060	FBBLC	Fid VIP High Income	High-Yield Bond	21.57	Hold	-1.3	-11.7	3.7	-11.7	-1.9	0.8	2.7	0.53
9064	FXVLT	Fid VIP Index 500	Large Blend	41.74	OK to Buy	-5.8	-18.4	7.5	-18.4	7.3	9.0	12.2	1.00
9082	FBALC	Fid VIP Industrials	Sector	44.52	Buy	-2.4	-10.6	16.4	-10.6	5.3	4.8	9.7	1.19
9473	FFIQC	Fid VIP International Index	Diversified Int'l	10.41	OK to Buy	-2.3	-16.2	15.1	-16.2	-0.2	--	--	0.95
9076	FVJIC	Fid VIP Int'l Capital App	Diversified Int'l	24.16	Buy	-5.4	-26.6	13.0	-26.6	0.0	2.9	6.9	1.05
9063	FTLKC	Fid VIP Investment Grade Bond	Inv Grd Bond	16.68	Buy	-0.6	-13.2	1.9	-13.2	-2.1	0.4	1.3	0.30
9172	FVMAC	Fid VIP Materials	Sector	29.07	OK to Buy	-5.3	-10.1	15.5	-10.1	13.2	4.5	6.8	1.19
9071	FNBSCL	Fid VIP Mid Cap	Mid Blend	38.08	Buy	-5.0	-15.0	9.9	-15.0	7.8	5.6	9.6	1.16
9088	FEMMC	Fid VIP Overseas	Diversified Int'l	20.40	OK to Buy	-3.0	-24.7	15.6	-24.7	1.1	2.3	5.4	1.04
9072	FFWKC	Fid VIP Real Estate	Sector	25.28	Hold	-4.5	-27.8	3.9	-27.8	-2.3	1.4	4.8	1.05
9075	FGDQC	Fid VIP Strategic Income	High-Yield Bond	20.68	OK to Buy	-0.7	-11.5	3.2	-11.5	-0.6	1.1	2.2	0.39
9086	FYENC	Fid VIP Technology	Sector	80.38	Buy	-8.7	-36.0	2.7	-36.0	10.3	13.3	16.7	1.30
9465	FTMJC	Fid VIP Total Market Index	Large Blend	14.23	Buy	-5.9	-19.4	7.2	-19.4	6.6	--	--	1.03
9087	FXRRC	Fid VIP Utilities	Sector	44.35	Hold	-0.6	5.1	9.1	5.1	7.0	10.3	11.0	0.93
9079	FKMSC	Fid VIP Value	Large Value	34.53	OK to Buy	-5.4	-4.4	13.4	-4.4	9.5	8.2	10.7	1.25
9073	FRBSC	Fid VIP Value Strategies	Mid Value	35.68	OK to Buy	-5.2	-7.3	13.8	-7.3	10.0	8.0	9.9	1.30
9347	FBMEC	Black Rock Global Allocation	Global Allocation	16.00	Hold	-2.6	-16.2	6.3	-16.2	2.4	3.1	4.6	0.68
9349	FTMEC	Franklin Templeton Global Bond	Global Bond	9.72	Hold	2.6	-5.2	7.8	-5.2	-5.3	-2.6	-1.0	0.30
9348	FFMEC	Franklin Templeton US Gov't	Intermed Gov't	9.96	Buy	-0.7	-10.0	1.5	-10.0	-3.0	-0.8	-0.2	0.21
9285	FIGXC	Invesco Global Core Eqty	Global Stock	15.44	Hold	-4.3	-22.0	11.6	-22.0	0.6	1.4	5.4	1.02
9147	FPRLC	Lazard Retirement Emerging Mkts	Emg Mkts	15.55	OK to Sell	-2.8	-15.2	12.2	-15.2	-4.0	-3.2	-0.1	1.06
9143	FPRMC	Morgan Stanley Emerg Mkt Debt	Emg Mkt Bond	17.14	OK to Sell	0.9	-18.9	9.7	-18.9	-5.9	-2.5	-0.2	0.71
9144	FPRNC	Morgan Stanley Emerg Mkt Equity	Emg Mkts	13.78	OK to Sell	-3.8	-25.2	11.2	-25.2	-4.3	-2.9	0.3	1.08
9146	FPRPC	Morgan Stanley Global Strategist	Diversified Int'l	15.33	Hold	-2.0	-17.2	9.4	-17.2	-0.3	1.7	3.8	0.75
9346	FPMEC	Pimco Commodity Real Return	Commodities	8.50	OK to Sell	-2.7	8.4	3.1	8.4	13.4	6.8	-1.8	1.03
9276	FPMBC	Pimco VIT Low Duration	Shrt-Term Bond	11.55	Buy	0.3	-6.0	0.5	-6.0	-1.5	-0.2	0.2	0.11
9277	FPNBC	Pimco VIT Real Return	TIPS	14.32	OK to Sell	-0.8	-12.1	2.4	-12.1	1.1	1.7	0.6	0.35
9278	FPOBC	Pimco VIT Total Return	Intermed Bond	13.20	Hold	-0.1	-14.5	1.7	-14.5	-3.0	-0.4	0.7	0.29

Annuity Sector		Annuity Growth		Annuity Growth & Income		Annuity Income	
Fund	Allocation	Fund	Allocation	Fund	Allocation	Fund	Allocation
VIP Technology	23%	VIP Mid-Cap	29%	VIP Bond Index	29%	VIP Bond Index	34%
VIP Health Care	20	VIP Contrafund	22	VIP Equity-Income	23	Frkln Temp U.S. Gov't	26
VIP Industrials	16	VIP Equity-Income	18	VIP Growth Opps	18	VIP Strategic Income	17
VIP Consumer Discret	16	VIP Growth Opps	17	VIP Strategic Income	16	VIP Mid-Cap	13
VIP Financial Services	14	VIP Extended Mkt. Index	14	VIP Mid-Cap	14	VIP Growth	10
VIP Comm Services	11						
<b>Total Return:</b>		<b>Total Return:</b>		<b>Total Return:</b>		<b>Total Return:</b>	
<b>Dec: -6.0% 2022: -22.4%</b>		<b>Dec: -5.8% 2022: -21.3%</b>		<b>Dec: -3.6% 2022: -16.4%</b>		<b>Dec: -1.8% 2022: -12.4%</b>	

**Large-Cap Stock Funds**

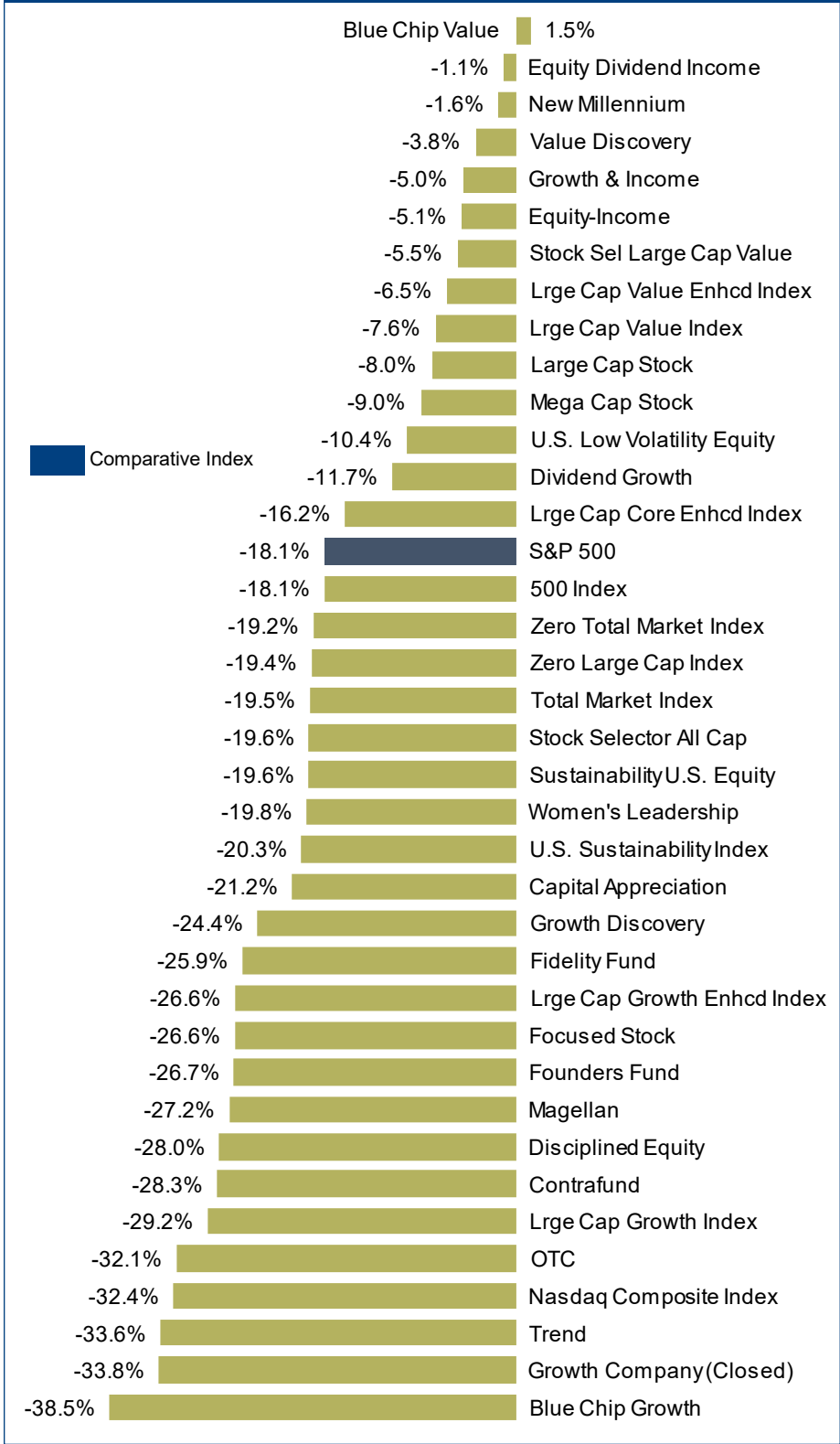
Fidelity’s 60 stock funds (which include index and actively managed funds across all investment styles), fell an average of 17.5% last year.

In contrast to that, their 15 large-cap growth funds fell an average of 28.4%. With significant weights in tech and consumer discretionary stocks (like Amazon), most were positioned in the center of last year’s equity maelstrom storm. **OTC** (a close cousin to the Nasdaq Composite) plunged 32.1% and **Large Cap Growth Index** dropped 29.2%. And that was not the worst of it. Unfortunately, three of the worst-performing large-cap growth funds were both actively managed and widely held. (The latter being the result of their exemplary long-term records.)

At the bottom of last year’s performance chart (at right) was Sonu Kalra’s **Blue Chip Growth** (down 38.5%). In close proximity were Fidelity’s **Growth Company** (down 33.8%) and **Trend** (down 33.6%). While they have significant stakes in the aforementioned beaten-down tech stocks, (plus Nvidia, whose share price was halved last year), their significant positions in Microsoft (down 28.7%) and Apple (down 26.8%), were none-too-helpful.

Of course, if there was a “sweet spot” in last year’s market it was large-cap value. Down just 4.0% for the year, Fidelity’s seven offerings in that space were supported by their double-digit exposures to energy and to a much smaller extent insurance and utility stocks. To that end, **Blue Chip Value** (up 1.5%) was one of the few stock funds with a positive return last year. Notably, value funds outperformed growth funds (in relative terms) of comparable market caps while also delivering modest dividend income (which was superseded by capital losses) and less market risk.

**2022 LARGE-CAP STOCK RETURNS**



In the large-cap “blend” space (funds that are most suitably benchmarked against the S&P 500’s 18.1% decline), only seven of 15 funds beat that bogey. **New Millennium**, (which is unconstrained by investment style) allowed Manager

John Roth to end his career in high-style as his fund’s 1.6% decline was the best in its class. As for the worst, that was **Disciplined Equity** (down 28.0%) which significantly overweighted tech.

**Fund Commentary** *cont'd on page 12*

Among Fidelity's other, more popular funds by assets, the \$89 billion **Contrafund** (down 28.3%) experienced its worst year since 2002 (when it lost more than a third of its value), while **Magellan** (down 27.2%) actually fared better than most of its large-cap growth fund peers. Lastly, **Total Market Index** fared a bit worse than its close cousin, the S&P 500. Down 19.5% versus 18.1%, that difference is explained by the former's 13% weight in small- and mid-cap stocks.

**Mid- & Small-Cap Stock Funds**

As already noted, value-oriented funds outpaced their growth-oriented counterparts in both the mid- and small-cap space. The reason for that had more to do with sector exposure than anything else.

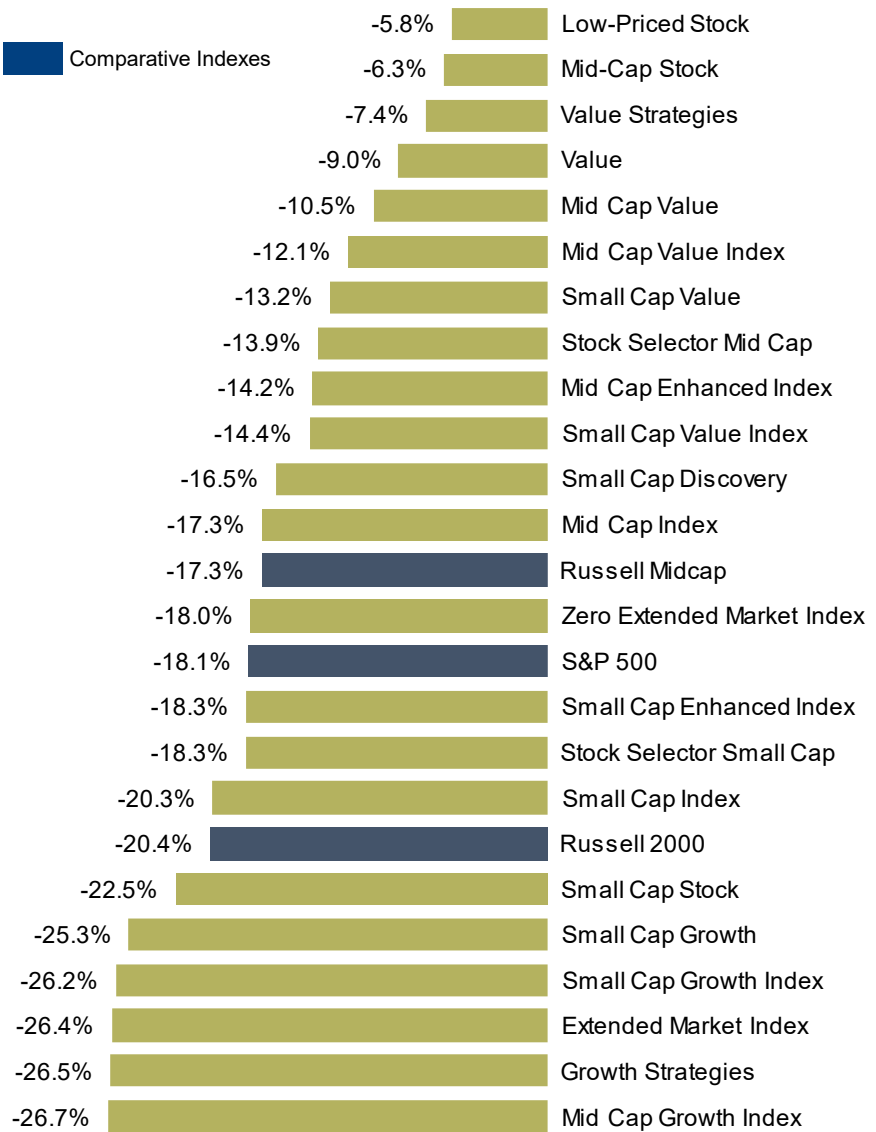
That said, as smaller-cap companies often have a more difficult time accessing capital markets, their balance sheets are sometimes more burdened by borrowing costs. Of course, with interest rates rising, that and a slow-growth economy with a labor shortage, were formidable headwinds.

Style-wise, Fidelity's two small-cap growth funds were battered last year: **Small Cap Growth** and **Small Cap Growth Index** dove 25.3% and 26.2%, respectively.

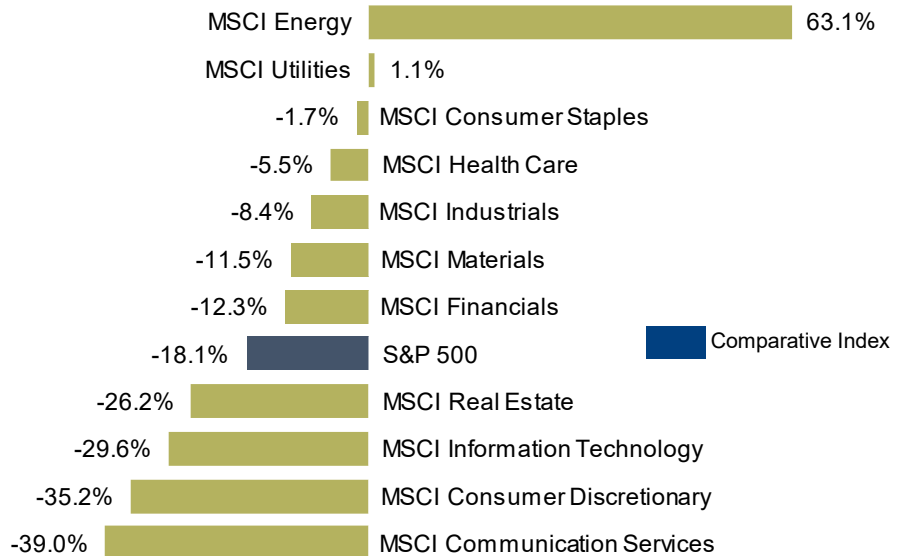
Turning to mid-caps, there was plenty of dispersion in terms of last year's returns. The best relative return was provided by **Low-Priced Stock**. Down 5.8% last year, lead manager Joel Tillinghast's bias for value stocks helped to contain the fund's losses. To that end, the fund is only 10% invested in tech stocks, though in terms of adding alpha (returns in excess of its Russell 2000 benchmark), its nearly 13% weight in energy was especially beneficial.

Finally, an 18% weight in technology resulted in **Extended Market Index** fund sinking 26.4% last year.

**2022 MID- AND SMALL-CAP STOCK RETURNS**



**2022 SECTOR ETF RETURNS**



## Disruptor Funds

Although this category has yet to capture much investor interest, it warrants mention owing to their performances in a year that one might have expected better results.

For example, 2022 saw sprawling drought-like conditions globally, yet **Water Sustainability** retreated 19.9%. At the same time, **Disruptive Technology** (-47.5%), **Communications** (-39.3%) and **Medicine** (-21.7%) showed that their portfolios are none-too-different from other diversified growth funds, and now have the records to prove it. On the other hand, with Russia's war on Ukraine disrupting the world's farming sector, **Agricultural Productivity** (up 13.7%) enjoyed its day in the sun.

## Select Funds

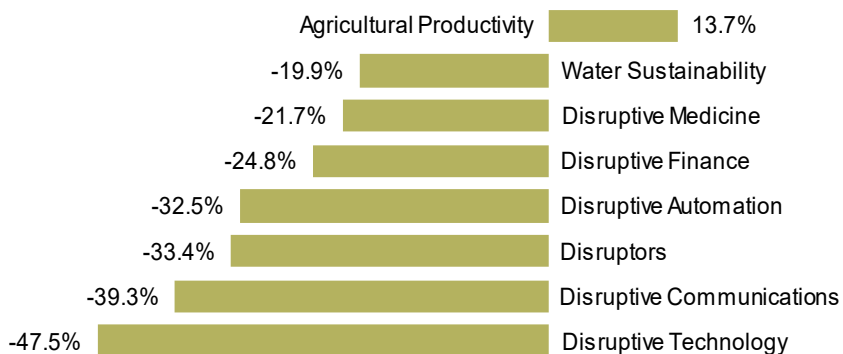
Although oil prices wound up rising just 7% in 2022, last spring's Russian invasion briefly pushed prices up 65%. Supply disruptions proved a boon to the energy sector, and Fidelity's top-performing funds included **Select Energy** (up 63.0%), **Natural Resources** (up 41.0%) and **Global Commodity Stock** (up 20.7%). (The latter is one of a dozen Specialty funds — see p. 8 of the *Scorecard* — though their dissimilarities don't warrant comparisons in this space.)

A handful of other Selects managed single-digit gains including **Defense & Aerospace** (up 6.9%) which benefitted from a combination of higher demand for air travel plus a doubling of Japan's defense spending.

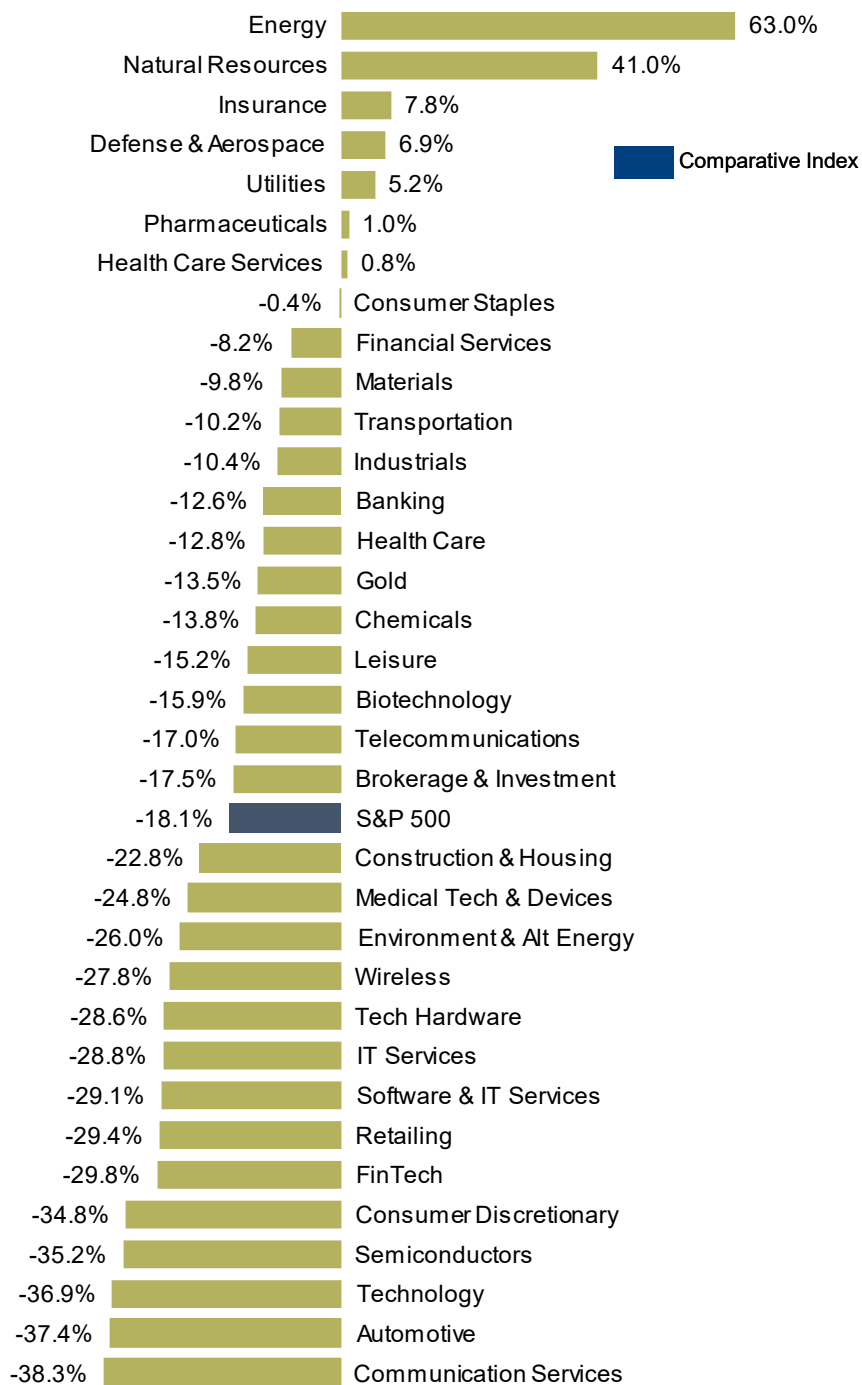
Bottom-tier performers include **Automotive** (down 37.4%), which couldn't overcome Tesla's drag, and **Communication Services** (down 38.3%). In the latter case, streaming service Netflix, combined with Alphabet and Meta Platforms, pulled the fund to the bottom of Select fund rankings.

**Fund Commentary** *cont'd on page 14*

## 2022 DISRUPTOR FUND RETURNS



## 2022 SELECT RETURNS



**International Funds**

All things considered, international markets fared better than our own last year. That's based on the MSCI EAFE Index declining 14.3% versus -18.1% for the S&P. Of course, **International Index** fund also fell 14.3%. A contributing factor to its limited losses is that technology is less prominent in foreign developed markets.

Another consideration that's baked into all Fidelity fund returns is the U.S. dollar. Having appreciated almost 8% (on a trade-weighted basis), that saps returns once translated back into dollars. (A falling dollar lifts foreign funds returns.)

In any event, **Latin America** (up 1.4%) was 2022's top-performer as the region is an exporter of oil and natural gas, as well as agricultural products. And, while we're on the topic of emerging markets, Latin America's limited gain was also achieved in the face of rising U.S. interest rates, which is typically a headwind for developing economies that often have dollar-denominated notes. (Note that **Emerging Markets Index** tumbled 20.1%.)

Turning to **Europe** fund (down 20.6%), the Russian oil crisis was clearly a strong headwind for the continent, just as it was for **Japan** (down 22.2%), which was also hobbled by China's supply-chain woes. (**China Region** fell 23.9%.)

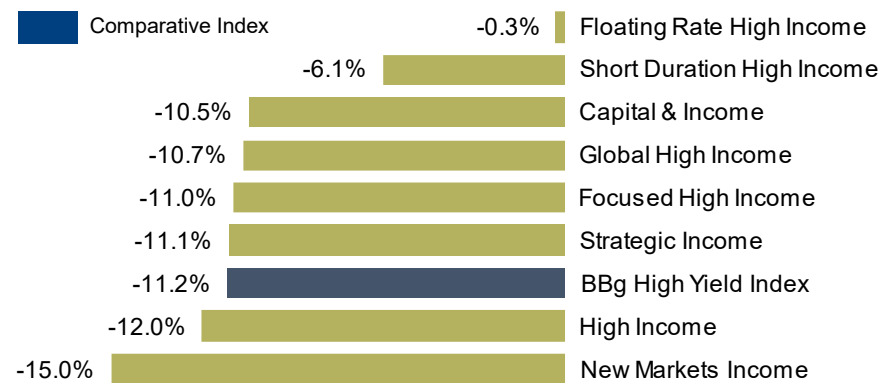
**High Yield Funds**

Rising interest rates are problematic for all bonds, including those rated below investment-grade. But not only was that a problem for the high-yield asset class last year, so was the economy's passage through two quarters of recession and, later in the year, expectations of more economic contraction to come. On the U.S. front, **High Income** fell 12.0% whereas its riskier emerging market counterpart, **New Markets Income**, fell 15.0%.

**2022 INTERNATIONAL RETURNS**



**2022 HIGH YIELD BOND RETURNS**



## Taxable Bonds Funds

Depending on who's doing the bookkeeping, 2022 was among the worst years to own bonds since: 1. The Great Depression; 2. The 1970's/'80s hyper-inflation, or; 3. 1994 when the Fed hiked rates 250 basis points to 5.5%.

With comparisons almost impossible to make, let's just agree that last year was the worst in memory as the Fed's seven rate hikes lifted the yield on the benchmark 10-year Treasury 236 basis points to 3.88%.

But as noted elsewhere, the bigger, more direct impact by the Fed was, of course, at the shorter end of the maturity spectrum. That is how **Short-Term Treasury Index** came to fall an unprecedented 5.6% last year.

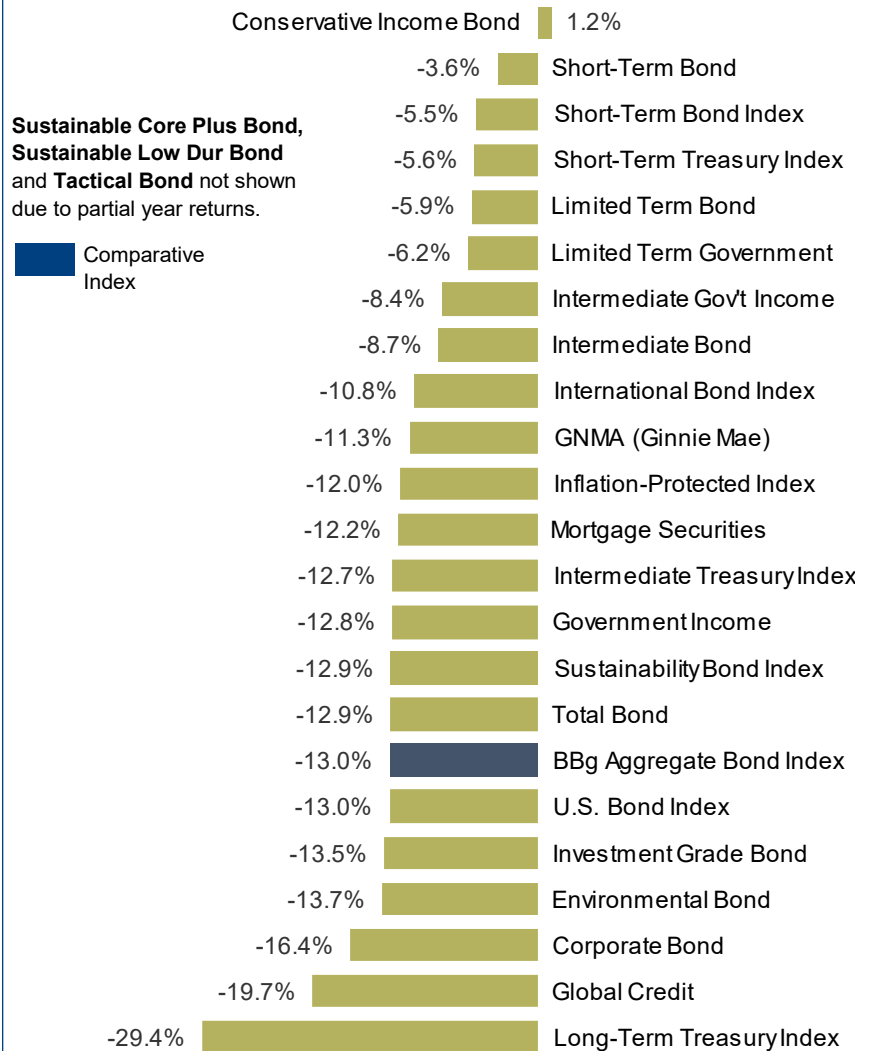
For its part, **U.S. Bond Index**, a proxy for the performance of government, corporate and mortgage bonds, etc., dropped a painful and equally unprecedented 13.0%. (Its tax-free counterpart, **Municipal Bond Index**, tumbled 9.4%.)

Of course, the most extreme example of the bond market's carnage last year was provided by Fidelity's most interest-rate-sensitive fund. With a duration of just over 16 years (almost three times U.S. Bonds Index's duration), the volatile **Long-Term Treasury Index** fund finished the year down 29.4%. Fewer than two dozen other funds fared worse than that last year, and every one was a stock fund.

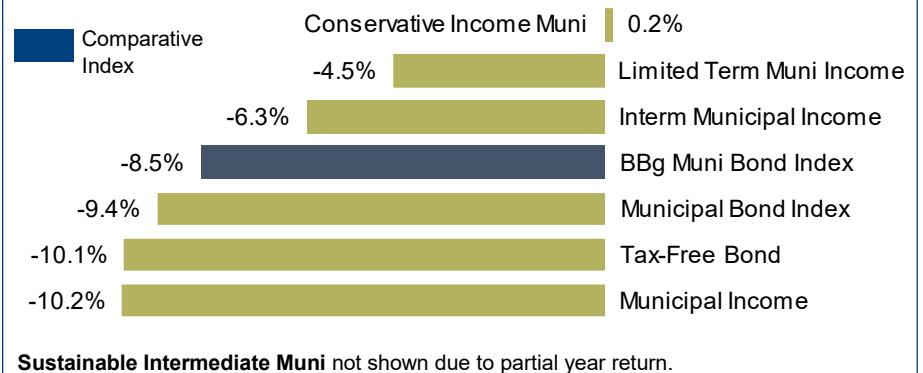
It's also worth noting that the better time to have owned **Inflation-Protected Bond Index** was in 2021, when inflation wasn't much of a concern. That year it gained 5.9%. Last year, however, it fell 12.0% — a reminder that buying on the rumor and selling on the news is still a profitable strategy.

There was, however, a silver lining to the Fed's aggressive war on inflation: there is ample evidence that rising prices are in retreat and will continue to moderate this year.

## 2022 TAXABLE BOND RETURNS



## 2022 MUNICIPAL BOND RETURNS



As for 2022, hiking short-term rates benefited money market funds and ultra-short-term bond funds alike. As to the latter, **Conservative Income Bond** returned 1.2% and generated a yield of 4.29% by year's end. For its part, tax-free **Conservative Income Muni** barely inched its

way into positive territory (up 0.2%).

Finally, Fidelity's prime **Money Market** fund [SPRXX] returned 1.5% in 2022 and yields 4.14%; **Gov't Cash Reserves** returned 1.34% and yields 3.85%. ■

— John Bonnanzio

**Jack's Message** *cont'd from page 1*

tech firms, because they need to replace the revenues that will be lost due to expiring patents in the 2025 to 2030 timeframe.

• **Communication Services.** With Alphabet, Meta, and Netflix accounting for about 40% of assets, this is a concentrated portfolio that depends heavily on advertising revenue. Like other technology-driven growth sectors, it endured steep losses in 2022. In this particular case, the problem was a pronounced slowdown in online ad spending along with intensifying competition among streaming television services. We continue to hold an overweighted position here because valuations are low compared with other growth sectors.

• **Consumer Discretionary.** Concentration is high here as well, with Amazon, Tesla, Home Depot and Lowes accounting for over 40% of holdings. There is some risk that a deep recession in 2023 could hurt consumer spending, which so far

**DIVIDEND UPDATE**

*In addition to monthly dividends paid by bond and money market funds, and Asset Mgr: 20%/30%, the funds below are scheduled for a distribution (if any) in January 2023. See our website for December distributions: [fmandi.com](http://fmandi.com)*

Convert Secs, CT Muni Inc, Equity Div Inc, Growth Co, Growth Strategies, Independence, Ltd Term Gov't, Muni Inc, Nasdaq Comp Index, New Millennium, NJ Muni Inc, Stock Selector Mid Cap, Strategic Dividend & Income, Value Strategies.

has held up well despite the slowing economy. On the plus side, Tesla (with a forward P/E ratio in the 20s) has become relatively cheap for reasons that have little to do with fundamentals, and home improvement retailers may continue to benefit from both remodeling activity and home builders who aim to skirt the drag of high mortgage rates by renting out finished homes rather than trying to sell them.

2022 Return: -34.8%

**S&P 500 Sector Weights vs Equity Models<sup>1</sup>**

	S&P 500	Unique Opp's	Grow th	Select
Technology	26.3	22.9	20.4	22.9
Health Care	15.2	14.6	13.9	19.9
Biotech	2.0 <sup>2</sup>	-	-	18.0
Financials	11.6	10.4	13.0	14.6
Consum Disc	10.4	16.2	14.8	15.0
Industrials	8.4	11.6	9.0	15.6
Comm Svcs	7.4	4.0	6.8	10.3
Consum Stpl	7.0	5.6	5.4	1.3
Energy	5.1	7.6	8.8	0.0
Utilities	3.0	3.0	2.3	0.0
Materials	2.7	3.2	3.8	0.1
Real Estate	2.7	2.4	3.0	0.1

<sup>1</sup>Figures rounded as of 11/30/22; May not equal 100%. <sup>2</sup>As of 8/31/22.

• **Financial Services.** Higher interest rates have created new selling opportunities for insurance companies because they reduce the cost and risk of offering fixed-rate products with guarantees. Banks are in good shape to weather a heavy-handed recession, should one occur this year. Brokerages might benefit from the fading popularity of crypto and from investors looking to earn a better yield on their cash.

• **Industrials.** Defense and aerospace companies are likely to keep seeing healthy demand for their products as the economy slows. Manufacturers of industrial machinery should see less inflation and fewer supply chain problems in

2022 Return: -8.2%

2023. Companies that produce mobile office space and storage units could benefit as businesses seek them out amid lease expirations and new ventures that can't afford to wait for permanent structures to be built.

• **Technology.** This is another somewhat concentrated sector; Apple and Microsoft account for about 40% of holdings. That might increase slightly when the credit card companies (and other transaction processors) are reclassified as financial firms under the latest proposed GICS changes in March 2023. Technology stocks suffered significant losses in 2022 as the Fed boosted short-term interest rates, reducing the value of future earnings — which, in turn, had an outsized negative effect on stocks with above-average P/E ratios.

At this stage in the game, the premium on technology stock values is relatively small, suggesting that this group might have significant rebound potential if inflation continues to moderate. Apple and Microsoft are expected to maintain significant share repurchases despite the new 1% buyback tax, which could provide a lift along with bargain-hunting activity. To be sure, there are recession and regulatory risks here. But these firms do have potential to grow even if the economy shrinks (though at reduced rates), and most new regulations targeting anti-competitive practices and consumer privacy have had only a limited impact on profitability and revenue growth. ■

2022 Return: -36.9%

— Jack Bowers

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