



## Q4 2020 Quarterly Investment Review January 28, 2021

Presented by:

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For Institutional Investor Use Only –  
Prepared at the request of the National  
ABLE Alliance



# Quarterly Investment Review Plan Review

# National ABLA Alliance – Plan Review

## As of December 31, 2020

Past Performance is not indicative of future results

Total Market Value: \$ **142,892,143**

<u>Fund Name</u>	<u>Market Value</u>	<u>% of Plan</u>	<u>1 Month</u>	<u>3 Months</u>	<u>YTD</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>10 Year</u>	<u>Inception</u>	<u>Inception Date</u>
Aggressive Option	\$ 18,924,205	13.24%	4.61	15.32	15.57	15.57	10.05			11.73	12/15/16
ABLE Aggressive Custom Benchmark			4.75	15.83	16.56	16.56	10.59			12.40	
<b>Variance</b>			<b>(0.14)</b>	<b>(0.51)</b>	<b>(0.99)</b>	<b>(0.99)</b>	<b>(0.54)</b>			<b>(0.67)</b>	
Moderately Aggressive Option	\$ 17,034,755	11.92%	3.95	12.88	14.51	14.51	9.27			10.53	12/15/16
ABLE Moderately Aggressive Custom Benchmark			4.09	13.35	15.65	15.65	9.92			11.24	
<b>Variance</b>			<b>(0.14)</b>	<b>(0.47)</b>	<b>(1.14)</b>	<b>(1.14)</b>	<b>(0.65)</b>			<b>(0.71)</b>	
Growth Option	\$ 20,784,977	14.55%	3.25	10.43	13.05	13.05	8.40			9.23	12/15/16
ABLE Growth Custom Benchmark			3.42	10.86	14.36	14.36	9.09			9.97	
<b>Variance</b>			<b>(0.17)</b>	<b>(0.43)</b>	<b>(1.31)</b>	<b>(1.31)</b>	<b>(0.69)</b>			<b>(0.74)</b>	
Moderate Option	\$ 15,589,791	10.91%	2.56	8.02	11.56	11.56	7.42			7.92	12/15/16
ABLE Moderate Custom Benchmark			2.72	8.38	12.72	12.72	8.11			8.60	
<b>Variance</b>			<b>(0.16)</b>	<b>(0.36)</b>	<b>(1.16)</b>	<b>(1.16)</b>	<b>(0.69)</b>			<b>(0.68)</b>	
Moderately Conservative Option	\$ 12,158,169	8.51%	1.78	5.43	8.43	8.43	5.69			5.90	12/15/16
ABLE Moderately Conservative Custom Benchmark			1.89	5.67	9.36	9.36	6.28			6.47	
<b>Variance</b>			<b>(0.11)</b>	<b>(0.24)</b>	<b>(0.93)</b>	<b>(0.93)</b>	<b>(0.59)</b>			<b>(0.57)</b>	
Conservative Option	\$ 20,141,863	14.10%	0.71	1.98	4.13	4.13	3.26			3.16	12/15/16
ABLE Conservative Custom Benchmark			0.72	2.04	4.38	4.38	3.59			3.47	
<b>Variance</b>			<b>(0.01)</b>	<b>(0.06)</b>	<b>(0.25)</b>	<b>(0.25)</b>	<b>(0.33)</b>			<b>(0.31)</b>	
Checking Option	\$ 38,258,384	26.77%									03/30/17



# Underlying Investment Product Review

# Underlying Product Investment Review

## As of December 31, 2020

Underlying Fund Name	Underlying Fund Expense	Total Ret 3 Mo	Total Ret YTD	Total Ret 1 Yr	Total Ret Annlzd 3 Yr	Total Ret Annlzd 5 Yr	Total Ret Annlzd 10 Yr
Vanguard Institutional Index Fund - Institutional Plus	0.02%	12.15%	18.41%	18.41%	14.17%	15.21%	13.88%
S&P 500 TR USD		12.15%	18.40%	18.40%	14.18%	15.22%	13.88%
<b>Performance Variance</b>		<b>0.00%</b>	<b>0.01%</b>	<b>0.01%</b>	<b>-0.01%</b>	<b>-0.01%</b>	<b>0.00%</b>
Vanguard Extended Market Index Fund - Instl Plus Shares	0.04%	27.44%	32.24%	32.24%	15.36%	16.07%	13.25%
S&P Completion TR USD		27.40%	32.17%	32.17%	15.21%	15.93%	13.12%
<b>Performance Variance</b>		<b>0.04%</b>	<b>0.07%</b>	<b>0.07%</b>	<b>0.15%</b>	<b>0.14%</b>	<b>0.13%</b>
iShares Core MSCI EAFE ETF	0.07%	16.27%	8.55%	8.55%	4.54%	7.92%	
MSCI EAFE IMI NR USD		16.23%	8.47%	8.47%	4.36%	7.72%	
<b>Performance Variance</b>		<b>0.04%</b>	<b>0.08%</b>	<b>0.08%</b>	<b>0.18%</b>	<b>0.20%</b>	
Schwab Emerging Markets Equity ETF	0.11%	17.37%	14.77%	14.77%	6.07%	12.21%	3.23%
FTSE Emerging NR USD		17.58%	15.12%	15.12%	6.21%	12.36%	3.43%
<b>Performance Variance</b>		<b>-0.21%</b>	<b>-0.35%</b>	<b>-0.35%</b>	<b>-0.14%</b>	<b>-0.15%</b>	<b>-0.20%</b>
Schwab U.S. REIT ETF	0.07%	8.59%	-14.90%	-14.90%	0.09%	2.05%	
Schwab Spliced REIT Index		8.62%	-14.94%	-14.94%	0.10%	2.11%	
<b>Performance Variance</b>		<b>-0.03%</b>	<b>0.04%</b>	<b>0.04%</b>	<b>-0.01%</b>	<b>-0.06%</b>	

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# Underlying Product Investment Review

## As of December 31, 2020

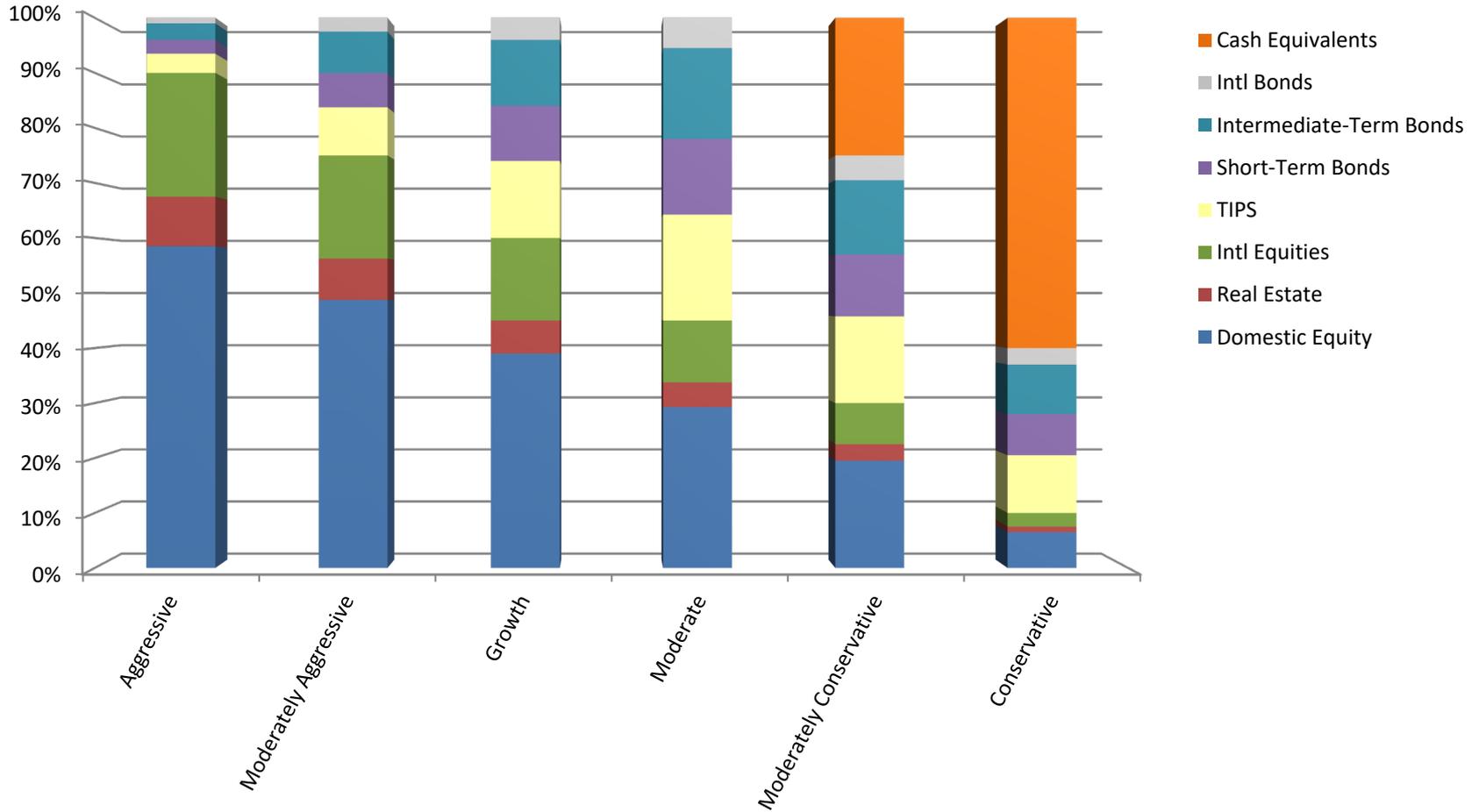
Underlying Fund Name	Underlying Fund Expense	Total Ret 3 Mo	Total Ret YTD	Total Ret 1 Yr	Total Ret Annlzd 3 Yr	Total Ret Annlzd 5 Yr	Total Ret Annlzd 10 Yr
Vanguard Total Bond Market Index Fund - Institutional Plus Shares	0.03%	0.67%	7.74%	7.74%	5.42%	4.48%	3.82%
Vanguard Spliced BBgBarc US Aggregate Index		0.71%	7.75%	7.75%	5.44%	4.53%	3.89%
<b>Performance Variance</b>		<b>-0.04%</b>	<b>-0.01%</b>	<b>-0.01%</b>	<b>-0.02%</b>	<b>-0.05%</b>	<b>-0.07%</b>
Vanguard Short-Term Bond Index Fund - Institutional Plus Shares	0.04%	0.29%	4.72%	4.72%	3.65%	2.73%	2.12%
Vanguard Spliced BBgBarc US 1-5 Yr Index		0.33%	4.71%	4.71%	3.69%	2.77%	2.19%
<b>Performance Variance</b>		<b>-0.04%</b>	<b>0.01%</b>	<b>0.01%</b>	<b>-0.04%</b>	<b>-0.04%</b>	<b>-0.07%</b>
Vanguard Short-Term Inflation-Protected Securities Index Fund - Instl Shares	0.04%	1.29%	4.99%	4.99%	3.44%	2.78%	
BBgBarc US TIPS 0-5 Year TR USD		1.31%	5.07%	5.07%	3.48%	2.82%	
<b>Performance Variance</b>		<b>-0.02%</b>	<b>-0.08%</b>	<b>-0.08%</b>	<b>-0.04%</b>	<b>-0.04%</b>	
iShares® Core International Aggregate Bond ETF	0.08%	1.06%	4.51%	4.51%	5.18%	4.60%	
BBgBarc Gbl Agg xUSD 10% IC TR Hdg USD		1.07%	4.70%	4.70%	5.34%	4.72%	
<b>Performance Variance</b>		<b>-0.01%</b>	<b>-0.19%</b>	<b>-0.19%</b>	<b>-0.16%</b>	<b>-0.12%</b>	

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# Asset Allocation Review - Current Target Allocations

Asset Class	Underlying Investment	Ticker	Underlying Expense	National ABLE Alliance Target Asset Allocation					
				Aggressive	Moderately Aggressive	Growth	Moderate	Moderately Conservative	Conservative
U.S. Large Cap	Vanguard Institutional Index Fund - Institutional Plus	VIIIIX	0.02%	31.50%	26.25%	21.00%	15.75%	10.50%	3.50%
U.S. Small & Mid Cap	Vanguard Extended Market Index Fund - Instl Plus Shares	VEMPX	0.04%	27.00%	22.50%	18.00%	13.50%	9.00%	3.00%
Non - U.S. Multi Cap	iShares Core MSCI EAFE ETF	IEFA	0.07%	16.20%	13.50%	10.80%	8.10%	5.40%	1.80%
Emerging Markets	Schwab Emerging Markets Equity ETF	SCHE	0.11%	6.30%	5.25%	4.20%	3.15%	2.10%	0.70%
REITs	Schwab U.S. REIT ETF	SCHH	0.07%	9.00%	7.50%	6.00%	4.50%	3.00%	1.00%
U.S. Core Bond	Vanguard Total Bond Market Index Fund - Institutional Plus Shares	VBMPX	0.03%	3.00%	7.50%	12.00%	16.50%	13.50%	9.00%
Short - Term Inv Grade	Vanguard Short-Term Bond Index Fund - Institutional Plus Shares	VBIPX	0.04%	2.50%	6.25%	10.00%	13.75%	11.25%	7.50%
Short - Term TIPS	Vanguard Short-Term Inflation-Protected Securities Index Fund - Instl	VTSPX	0.04%	3.50%	8.75%	14.00%	19.25%	15.75%	10.50%
International Bond	iShares® Core International Aggregate Bond ETF	IAGG	0.08%	1.00%	2.50%	4.00%	5.50%	4.50%	3.00%
Cash	Sallie Mae High Yield FDIC		0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	60.00%
<b>Equity Allocation</b>				<b>90.00%</b>	<b>75.00%</b>	<b>60.00%</b>	<b>45.00%</b>	<b>30.00%</b>	<b>10.00%</b>
<b>Fixed Income Allocation</b>				<b>10.00%</b>	<b>25.00%</b>	<b>40.00%</b>	<b>55.00%</b>	<b>45.00%</b>	<b>30.00%</b>
<b>Cash Equivalent Allocation</b>				<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>25.00%</b>	<b>60.00%</b>
<b>Total Allocation</b>				<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>
<b>Underlying Expense</b>				<b>0.05%</b>	<b>0.05%</b>	<b>0.04%</b>	<b>0.04%</b>	<b>0.03%</b>	<b>0.02%</b>

# National ABLA Alliance – Asset Allocation of Risk Based Portfolios



# Portfolio Benchmark Allocation Review

## ABLE Consortium Custom Benchmarks

	Aggressive Custom Benchmark	Moderately Aggressive Custom Benchmark	Growth Custom Benchmark	Moderate Custom Benchmark	Moderately Conservative Custom Benchmark	Conservative Custom Benchmark
S&P 500 TR USD	31.50%	26.25%	21.00%	15.75%	10.50%	3.50%
S&P Completion TR USD	27.00%	22.50%	18.00%	13.50%	9.00%	3.00%
MSCI EAFE IMI NR USD	16.20%	13.50%	10.80%	8.10%	5.40%	1.80%
FTSE Emerging NR USD	6.30%	5.25%	4.20%	3.15%	2.10%	0.70%
Schwab Spliced REIT Index	9.00%	7.50%	6.00%	4.50%	3.00%	1.00%
Vanguard Spliced BBgBarc US Aggregate Index	3.00%	7.50%	12.00%	16.50%	13.50%	9.00%
Vanguard Spliced BBgBarc US 1-5 Yr Index	2.50%	6.25%	10.00%	13.75%	11.25%	7.50%
BBgBarc U.S. Treasury TIPS 0-5Y TR USD	3.50%	8.75%	14.00%	19.25%	15.75%	10.50%
BBgBarc Gbl Agg xUSD 10% IC TR Hdg USD	1.00%	2.50%	4.00%	5.50%	4.50%	3.00%
ICE BofA 0-3M US Trsy Bill TR USD	0.00%	0.00%	0.00%	0.00%	25.00%	60.00%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



# ABLE Plan Comparison

# ABLE Plan Comparison As of December 31, 2020

Equity Allocation 66%-100%

Plan	Fund	Asset Allocation				Expenses	Performance	
		Equity	Real Estate	Bonds	Cash	Total Fees	1 Year	3 Year
Michigan ABLE	MI ABLE All Stock	95.00%	5.00%	0.00%	0.00%	0.72%	12.13*	7.35*
Massachusetts ABLE	MA ABLE Aggressive Growth	85.00%	0.00%	15.00%	0.00%	0.94%	19.10*	10.77*
NY ABLE	NY Aggressive Option	85.00%	0.00%	15.00%	0.00%	0.44%	16.08	10.17
National ABLE Alliance	NAA Aggressive Option	81.00%	9.00%	10.00%	0.00%	0.37%	15.57	10.05
OH Stable Accounts	OH Growth Option	80.00%	0.00%	20.00%	0.00%	0.33%	15.45*	9.79*
VA Aggressive Growth Portfolio	VA Aggressive Growth Portfolio	80.00%	0.00%	20.00%	0.00%	0.39%	15.45*	9.79*
Virginia ABLE NOW	VA Aggressive Growth Portfolio	80.00%	0.00%	20.00%	0.00%	0.39%	15.45*	9.79*
Louisiana ABLE	LA Vanguard LifeStrategy Growth	80.00%	0.00%	20.00%	0.00%	0.14%	15.45*	9.79*
ENABLE	NE Growth Option	80.00%	0.00%	20.00%	0.00%	0.55%	16.52	10.30
Florida ABLE	FL Growth Portfolio	80.00%	0.00%	20.00%	0.00%	0.29%	15.85	10.24
California ABLE	CA Aggressive Growth Portfolio	80.00%	0.00%	20.00%	0.00%	0.52%	15.59	
Texas ABLE	TX Aggressive Allocation Option	80.00%	0.00%	20.00%	0.00%	0.39%	15.10	
Washington ABLE Savings Plan	WA ABLE Aggressive	80.00%	4.00%	16.00%	0.00%	0.37%	14.68	
Oregon ABLE Savings Plan	OR ABLE Aggressive	80.00%	4.00%	16.00%	0.00%	0.35%	13.77	
Maryland ABLE Savings Plan	MD ABLE Aggressive	80.00%	4.00%	16.00%	0.00%	0.38%	13.60	
Michigan ABLE	MI ABLE Aggressive	76.00%	4.00%	20.00%	0.00%	0.70%	11.68*	7.10*
Massachusetts ABLE	MA ABLE Growth	70.00%	0.00%	25.00%	5.00%	0.92%	16.94*	9.74*
National ABLE Alliance	NAA Moderately Aggressive Option	67.50%	7.50%	25.00%	0.00%	0.37%	14.51	9.27

\*Returns are gross of portfolio level fees

Past Performance is not indicative of future results

# ABLE Plan Comparison As of September 30, 2020

Equity Allocation 51%-65%

Plan	Fund	Asset Allocation				Expenses	Performance	
		Equity	Real Estate	Bonds	Cash	Total Fees	1 Year	3 Year
Massachusetts ABLE	MA ABLE Moderate Growth	60.00%	0.00%	35.00%	5.00%	0.91%	15.89*	9.15*
OH Stable Accounts	OH Moderate Option	60.00%	0.00%	40.00%	0.00%	0.32%	13.59*	8.84*
Virginia ABLE NOW	VA Moderate Growth Portfolio	60.00%	0.00%	40.00%	0.00%	0.38%	13.59*	8.84*
Louisiana ABLE	LA Vanguard LifeStrategy Moderate Growth	60.00%	0.00%	40.00%	0.00%	0.13%	13.59*	8.84*
Florida ABLE	FL Moderate Portfolio	60.00%	0.00%	40.00%	0.00%	0.29%	14.83	9.57
ENABLE	NE Moderate Option	60.00%	0.00%	40.00%	0.00%	0.54%	14.36	8.99
Texas ABLE	TX Moderate Allocation Option	60.00%	0.00%	40.00%	0.00%	0.49%	13.87	
NY ABLE	NY Moderate Option	60.00%	0.00%	35.00%	5.00%	0.44%	13.18	8.58
MI ABLE	MI ABLE Balanced	57.00%	3.00%	40.00%	0.00%	0.68%	10.87*	6.66*
National ABLE Alliance	NAA Growth Option	54.00%	6.00%	40.00%	0.00%	0.36%	13.05	8.40

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# ABLE Plan Comparison As of September 30, 2020

Equity Allocation 31%-50%

Plan	Fund	Asset Allocation				Expenses	Performance	
		Equity	Real Estate	Bonds	Cash	Total Fees	1 Year	3 Year
Massachusetts ABLE	MA ABLE Balanced Portfolio	50.00%	0.00%	40.00%	10.00%	0.85%	14.49*	8.47*
California ABLE	CA Moderate Portfolio	50.00%	0.00%	45.00%	5.00%	0.53%	12.27	
Oregon ABLE Savings Plan	OR ABLE Moderate	48.00%	2.00%	50.00%	0.00%	0.35%	12.25	
Maryland ABLE Savings Plan	MD ABLE Moderate	48.00%	2.00%	50.00%	0.00%	0.37%	12.20	
Washington ABLE Savings Plan	WA ABLE Moderate	48.00%	2.00%	50.00%	0.00%	0.36%	11.89	
National ABLE Alliance	NAA Moderate Option	40.50%	4.50%	55.00%	0.00%	0.36%	11.56	7.42
Massachusetts ABLE	MA ABLE Moderate Income	40.00%	0.00%	45.00%	15.00%	0.74%	12.88*	7.72*
OH Stable Accounts	OH Conservartive Growth Option	40.00%	0.00%	60.00%	0.00%	0.31%	11.51*	7.78*
Louisiana ABLE	LA Vanguard LifeStrategy Conservative Growth	40.00%	0.00%	60.00%	0.00%	0.12%	11.51*	7.78*
Florida ABLE	FL Conservative Portfolio	40.00%	0.00%	50.00%	10.00%	0.27%	12.17	7.93
Michigan ABLE	MI ABLE Moderate	38.00%	2.00%	60.00%	0.00%	0.66%	9.72*	6.07*
NY ABLE	NY Intermediate Option	35.00%	0.00%	40.00%	25.00%	0.43%	9.04	6.23

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# ABLE Plan Comparison As of September 30, 2020

Equity Allocation 0%-30%

Plan	Fund	Asset Allocation				Expenses	Performance	
		Equity	Real Estate	Bonds	Cash	Total Fees	1 Year	3 Year
Massachusetts ABLE	MA ABLE Income	30.00%	0.00%	50.00%	20.00%	0.74%	10.95*	6.75*
ENABLE	NE Conservative Option	30.00%	0.00%	70.00%	0.00%	0.54%	9.51	6.17
National ABLE Allian	NAA Moderately Conservative Option	27.00%	3.00%	45.00%	25.00%	0.35%	8.43	5.69
Texas ABLE	TX Moderately Conservative Allocation Option	25.00%	0.00%	75.00%	0.00%	0.65%	10.39	
Massachusetts ABLE	MA ABLE Conservative Income	21.00%	4.00%	50.00%	25.00%	0.72%	8.41*	5.51*
OH Stable Accounts	OH Income Option	20.00%	0.00%	80.00%	0.00%	0.30%	9.13*	6.56*
Virginia ABLE NOW	VA Conservative Income Portfolio	20.00%	0.00%	80.00%	0.00%	0.36%	9.13*	6.56*
Louisiana ABLE	LA Vanguard LifeStrategy Income	20.00%	0.00%	80.00%	0.00%	0.11%	9.13*	6.56*
Maryland ABLE Savir	MD ABLE Conservative	20.00%	0.00%	80.00%	0.00%	0.36%	9.00	
Oregon ABLE Savings	OR ABLE Conservative	20.00%	0.00%	80.00%	0.00%	0.34%	8.70	
Washington ABLE Sa	WA ABLE Conservative	20.00%	0.00%	80.00%	0.00%	0.35%	8.58	
California ABLE	CA Conservative Portfolio	20.00%	0.00%	55.00%	25.00%	0.53%	7.83	
MI ABLE	MI ABLE Conservative	19.00%	1.00%	80.00%	0.00%	0.65%	7.60*	5.08*
NY ABLE	NY Conservative Option	15.00%	0.00%	35.00%	50.00%	0.42%	5.24	4.03
National ABLE Allian	NAA Conervative Option	9.00%	1.00%	30.00%	60.00%	0.34%	4.13	3.26

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Questions?

# National ABLE Alliance

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# Schwab Emerging Markets Equity ETF

## Investment objective

The Fund's goal is to track as closely as possible, before fees and expenses, the total return of the FTSE Emerging Index.

## Fund highlights

- A straightforward, low-cost fund offering potential tax-efficiency
- The Fund can serve as part of the core of a diversified portfolio
- Simple access to large- and mid-cap equities from emerging markets
- Invests in over 20 emerging market countries

## Fund details

Total net assets	\$8,400,425,900
Inception date	01/14/10
Expense ratio <sup>1</sup>	0.11%
Ticker symbol	SCHE
Number of fund holdings	1,510
Distribution frequency	Semi-annual
CUSIP	808524706
Index Bloomberg ticker	TAWALENU
Index name	FTSE Emerging Index (Net)
Portfolio turnover rate (1-year trailing)	13.26%
Intra-day indicative value	SCHE.IV
Exchange	NYSE Arca

## Morningstar Rating™ and Style Box<sup>2</sup>

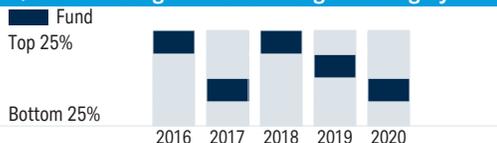
Fund Category:  
Diversified Emerging Mkts

Rating  
Overall ★★★  
Three-Year ★★★  
Five-Year ★★★  
Ten-Year ★★★



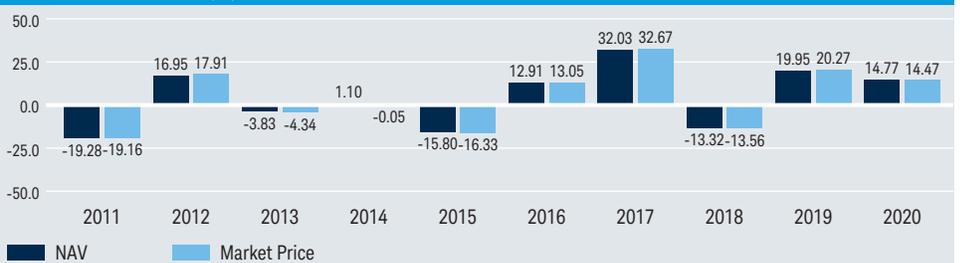
Source: Morningstar, Inc. As of 12/31/20 the total number of Diversified Emerging Mkts funds for the Overall, three-, five- and ten-year periods were 697, 697, 597, and 278, respectively. The ratings reflect historical risk-adjusted performance and the Overall Rating is derived from a weighted average of the Fund's three-, five- and ten-year Morningstar Rating metrics.

## Quartile rankings within Morningstar category<sup>3</sup>



Performance (%) as of 12/31/20	Cumulative		Annualized				
	3 Months	Year to Date	1 Year	3 Years	5 Years	10 Years	Since Inception
Fund (NAV Returns)	17.37	14.77	14.77	6.07	12.21	3.23	4.36
Fund (Market Price Returns)	16.57	14.47	14.47	5.97	12.29	3.13	4.35
FTSE Emerging Index (Net) <sup>3</sup>	17.58	15.12	15.12	6.21	12.36	3.43	4.59
Category Average <sup>3</sup>	19.55	17.90	17.90	5.69	11.75	3.63	-

## Annual Total Return (%) as of 12/31



Performance data quoted represents past performance and is no guarantee of future results. Investment returns and principal value will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost. Shares of ETFs are bought and sold at market price, which may be higher or lower than the net asset value (NAV). Brokerage commissions will reduce returns. Current performance may be lower or higher than performance data quoted. To obtain performance information current to the most recent month end, please visit [www.schwabfunds.com](http://www.schwabfunds.com).

**Market Price** is the price at which investors buy and sell ETF shares in the stock market. ETF Market Price determines investor returns. An ETF's Market Price may be higher or lower than the NAV at any given point in time. Market returns are based upon the Official Closing Price of the primary listing exchange (generally, 4:00 p.m. Eastern time) and may not represent the returns you would receive if shares were traded at other times.

**NAV (Net Asset Value)** is a per share valuation of the securities in an ETF officially calculated once per day. NAV price performance is primarily used to evaluate the fund and its managers and may not reflect the actual return for the investor. Index performance returns do not reflect any management fees, transaction costs or expenses, which would lower performance. They assume dividends and distributions were reinvested. Indices are unmanaged and cannot be invested in directly.

## Statistical information (3 Yr.) as of 12/31/20

Sharpe ratio	0.23
Standard deviation	19.46%

Data provided by Zephyr StyleADVISOR as of 12/31/20.

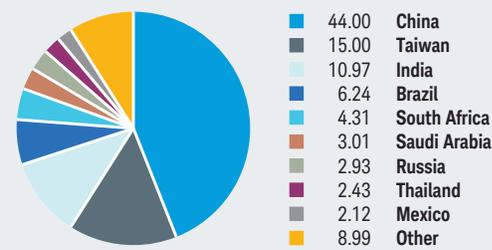
Investors should consider carefully information contained in a fund's prospectus, or if available, the summary prospectus including investment objectives, risks, charges and expenses. You can view and download a prospectus by visiting [www.schwabfunds.com/schwabefds\\_prospectus](http://www.schwabfunds.com/schwabefds_prospectus). Please read the prospectus carefully before investing.

**Portfolio Characteristics<sup>4</sup> as of 12/31/20**

Wtd. avg. market capitalization (in millions)	\$159,745
Price-to-earnings ratio	18.97
Price-to-book ratio	2.15
Price-to-cash-flow ratio	10.99
Return on equity	15.50%
5-year earnings growth	13.97%

**Top 10 holdings<sup>4, 5</sup> (% of portfolio) as of 12/31/20**

Taiwan Semiconductor Manufacturing Co., Ltd.	6.59
Tencent Holdings Ltd.	6.06
Alibaba Group Holding Ltd. Sponsored ADR	5.96
Meituan Class B	1.98
Naspers Limited Class N	1.26
Reliance Industries Limited	1.23
JD.com, Inc. Sponsored ADR Class A	1.13
Ping An Insurance (Group) Company of China, Ltd. Class H	1.06
China Construction Bank Corporation Class H	1.03
Infosys Limited	0.91
<b>TOTAL</b>	<b>27.21</b>

**Top 10 countries<sup>4</sup> (% of portfolio) as of 12/31/20****Sector weightings<sup>4</sup> (% of portfolio) as of 12/31/20**

Sector and/or industry weightings for the portfolio are determined using the Global Industry Classification Standard (GICS). GICS was developed by and is the exclusive property of MSCI and Standard & Poor's (S&P). GICS is a service mark of MSCI and S&P and has been licensed for use by Charles Schwab & Co., Inc.

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For additional information about the indices and terms shown, please visit [www.schwabfunds.com/glossary](http://www.schwabfunds.com/glossary).

International investments involve additional risks, which include differences in financial accounting standards, currency fluctuations, geopolitical risk, foreign taxes and regulations, and the potential for illiquid markets. Investing in emerging markets may accentuate these risks.

<sup>1</sup> As stated in the prospectus. This figure may differ from that presented in the Fund's shareholder report.

<sup>2</sup> The Morningstar Rating™ for funds, or "star rating," is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts) with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total return, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total return. While the 10-year overall star rating formula seems to give the most weight to the 10-year period, the most recent three-year period actually has the greatest impact because it is included in all three rating periods. Ratings do not take into account the effects of sales charges and loads.

<sup>3</sup> Source: Morningstar, Inc. as of 12/31/20.

<sup>4</sup> Data provided by FactSet as of 12/31/20.

<sup>5</sup> Portfolio holdings are as of the date shown and may not represent current or future holdings and are not a recommendation of individual securities by the investment adviser.

Unlike mutual funds, shares of ETFs are not individually redeemable with the ETF.

Diversification does not eliminate the risk of market loss.

Securities information includes trades posted to the ETF as of trade date.

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**Not FDIC Insured - No Bank Guarantee - May Lose Value**

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**Investment objective**

The Fund's goal is to track as closely as possible, before fees and expenses, the total return of an index composed of U.S. real estate investment trusts classified as equities.

**Fund highlights**

- A straightforward, low-cost fund offering potential tax-efficiency
- The Fund's focused approach can complement a diversified portfolio
- Simple access to REITs, excluding non-REIT stocks that may be included in other real estate indices
- Index excludes mortgage REITs and hybrid REITs

**Fund details**

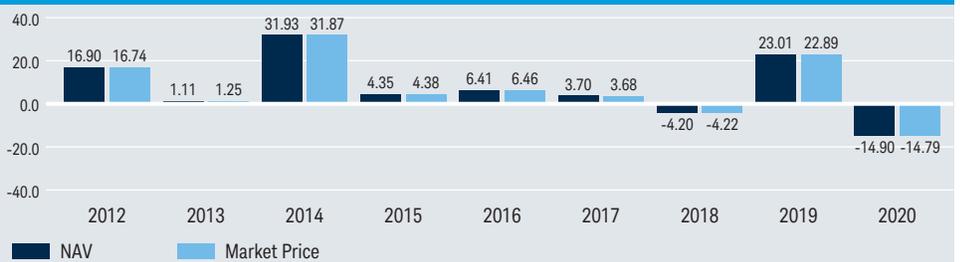
Total net assets	\$4,632,744,107
Inception date	01/13/11
Expense ratio <sup>1</sup>	0.07%
Ticker symbol	SCHH
Number of securities	143
Distribution frequency	Quarterly
CUSIP	808524847
Index Bloomberg ticker	DJERCUT
Index name	Dow Jones Equity All REIT Capped Index
Portfolio turnover rate (1-year trailing)	56.70%
Intra-day indicative value	SCHH.IV
Exchange	NYSE Arca

Performance (%) as of 12/31/20	Cumulative		Annualized			
	3 Months	Year to Date	1 Year	3 Years	5 Years	Since Inception
Fund (NAV Returns)	8.59	-14.90	-14.90	0.09	2.05	7.04
Fund (Market Price Returns)	8.77	-14.79	-14.79	0.10	2.05	7.05
Dow Jones Equity All REIT Capped Index <sup>3,4</sup>	8.62	-	-	-	-	-
REIT Spliced Index <sup>5</sup>	8.62	-14.94	-14.94	0.10	2.11	7.14
Category Average <sup>3</sup>	11.15	-4.49	-4.49	4.18	5.26	-

**Morningstar Rating™ and Style Box<sup>2</sup>**



**Annual total returns (%) as of 12/31**



Performance data quoted represents past performance and is no guarantee of future results. Investment returns and principal value will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost. Shares of ETFs are bought and sold at market price, which may be higher or lower than the net asset value (NAV). Brokerage commissions will reduce returns. Current performance may be lower or higher than performance data quoted. To obtain performance information current to the most recent month end, please visit [www.schwabfunds.com](http://www.schwabfunds.com).

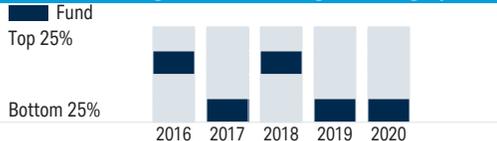
**Market Price** is the price at which investors buy and sell ETF shares in the stock market. ETF Market Price determines investor returns. An ETF's Market Price may be higher or lower than the NAV at any given point in time. Market returns are based upon the Official Closing Price of the primary listing exchange (generally, 4:00 p.m. Eastern time) and may not represent the returns you would receive if shares were traded at other times.

**NAV (Net Asset Value)** is a per share valuation of the securities in an ETF officially calculated once per day. NAV price performance is primarily used to evaluate the fund and its managers and may not reflect the actual return for the investor.

Index performance returns do not reflect any management fees, transaction costs or expenses, which would lower performance. They assume dividends and distributions were reinvested. Indices are unmanaged and cannot be invested in directly.

The first index listed for the fund is the fund's primary benchmark, as shown in the prospectus. Additional indices shown are provided for comparative purposes.

**Quartile rankings within Morningstar category<sup>3</sup>**



**Yields as of 12/31/20**

30-day SEC yield	3.29%
Distribution yield	2.86%

**Statistical information (3 Yr.) as of 12/31/20**

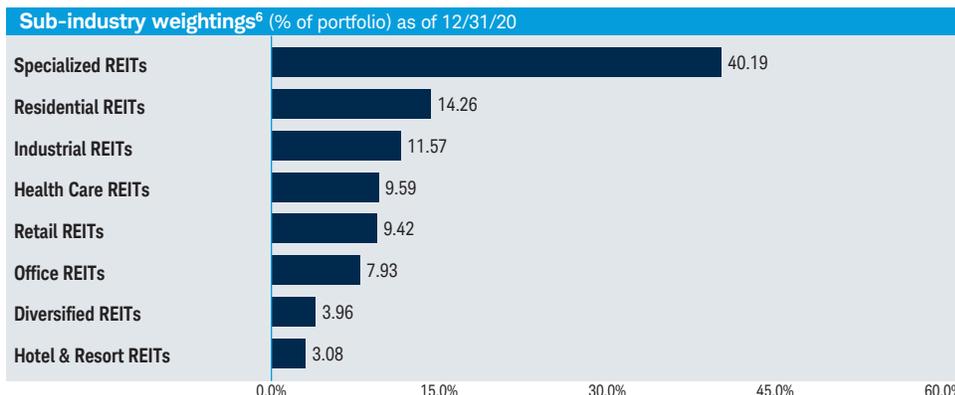
Sharpe ratio	-0.07
Standard deviation	19.87%

Data provided by Zephyr StyleADVISOR as of 12/31/20.

Investors should consider carefully information contained in a fund's prospectus, or if available, the summary prospectus including investment objectives, risks, charges and expenses. You can view and download a prospectus by visiting [www.schwabfunds.com/schwabetfs\\_prospectus](http://www.schwabfunds.com/schwabetfs_prospectus). Please read the prospectus carefully before investing.

Portfolio characteristics <sup>6</sup> as of 12/31/20	
Wtd. avg. market capitalization (in millions)	\$31,898
Price-to-earnings ratio	39.72
Price-to-book ratio	2.52
Price-to-cash-flow ratio	14.82
Return on equity	12.52%
5-year earnings growth	11.19%

Top 10 holdings <sup>6,7</sup> (% of portfolio) as of 12/31/20	
American Tower Corporation	8.67
Prologis, Inc.	6.41
Crown Castle International Corp	5.97
Equinix, Inc.	4.68
Digital Realty Trust, Inc.	3.44
Public Storage	3.09
SBA Communications Corp. Class A	2.76
Simon Property Group, Inc.	2.46
Welltower, Inc.	2.37
Weyerhaeuser Company	2.20
<b>TOTAL</b>	<b>42.05</b>



Sub-industry weightings for the Fund's portfolio are determined using the Global Industry Classification Standard (GICS). GICS was developed by and is the exclusive property of MSCI and Standard & Poor's (S&P). GICS is a service mark of MSCI and S&P and has been licensed for use by Charles Schwab & Co., Inc.

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**For additional information about the indices and terms shown, please visit [www.schwabfunds.com/glossary](http://www.schwabfunds.com/glossary).**

Risks of investing in REITs are similar to those associated with direct ownership of real estate, such as changes in real estate values and property taxes, interest rates, cash flow of underlying real estate assets, supply and demand, and the management skill and credit worthiness of the issuer.

- <sup>1</sup> As stated in the prospectus. This figure may differ from that presented in the Fund's shareholder report.
- <sup>2</sup> The Morningstar Rating™ for funds, or "star rating," is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts) with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total return, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total return. While the 10-year overall star rating formula seems to give the most weight to the 10-year period, the most recent three-year period actually has the greatest impact because it is included in all three rating periods. Ratings do not take into account the effects of sales charges and loads.
- <sup>3</sup> Source: Morningstar, Inc. as of 12/31/20.
- <sup>4</sup> Effective upon the commencement of operations on June 22, 2020, the fund changed its primary comparative index from the Dow Jones U.S. Select REIT Index to the Dow Jones Equity All REIT Capped Index (index) in connection with a change to the fund's investment objective and investment strategies to invest its assets in accordance with the index.
- <sup>5</sup> **REIT Spliced Index** An internally calculated index, comprised of the Dow Jones U.S. Select REIT Index from the inception of the Schwab U.S. REIT ETF until the close of business on June 19, 2020, and the Dow Jones Equity All REIT Capped Index thereafter. The REIT Spliced Index is published with the permission of S&P Dow Jones Indices LLC, but is not calculated, sponsored or endorsed by S&P Dow Jones Indices LLC.
- <sup>6</sup> Data provided by FactSet as of 12/31/20.
- <sup>7</sup> Portfolio holdings are as of the date shown and may not represent current or future holdings and are not a recommendation of individual securities by the investment adviser. Unlike mutual funds, shares of ETFs are not individually redeemable with the ETF. Diversification does not eliminate the risk of market loss. Securities information includes trades posted to the ETF as of trade date.

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# Vanguard Short-Term Bond Index Fund

Bond fund | Institutional Plus Shares

## Fund facts

Risk level Low ← → High					Total net assets	Expense ratio as of 04/28/20	Ticker symbol	Turnover rate as of 12/31/20	Inception date	Fund number
1	2	3	4	5	\$6,817 MM	0.04%	VBIPX	28.4%	09/29/11	0733

## Investment objective

Vanguard Short-Term Bond Index Fund seeks to track the performance of a market-weighted bond index with a short-term dollar-weighted average maturity.

## Investment strategy

The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays 1–5 Year U.S. Government/Credit Float Adjusted Bond Index. This index includes all medium and larger issues of U.S. government, investment-grade corporate, and investment-grade international dollar-denominated bonds that have maturities of between 1 and 5 years and are publicly issued. The fund invests by sampling the index, meaning that it holds a range of securities that, in the aggregate, approximates the full index in terms of key risk factors and other characteristics. All of the fund’s investments will be selected through the sampling process, and at least 80% of the fund’s assets will be invested in bonds held in the index. Under normal circumstances, the fund’s dollar-weighted average maturity is not expected to exceed 3 years.

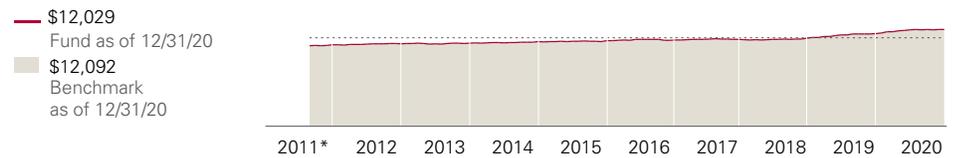
For the most up-to-date fund data, please scan the QR code below.



## Benchmark

Spl BloomBarc US1-5YrGov/Cr FIAdjlx

## Growth of a \$10,000 investment : September 30, 2011—December 31, 2020



## Annual returns



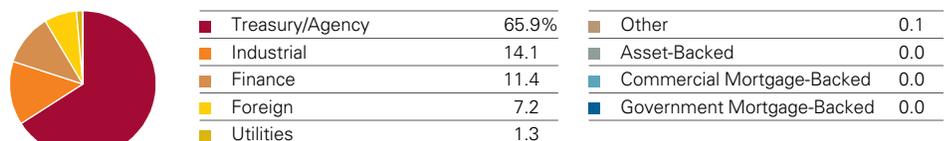
## Total returns

	Periods ended December 31, 2020					
	Quarter	Year to date	One year	Three years	Five years	Since inception
Fund	0.29%	4.72%	4.72%	3.65%	2.73%	2.02%
Benchmark	0.33%	4.71%	4.71%	3.69%	2.77%	—

**The performance data shown represent past performance, which is not a guarantee of future results. Investment returns and principal value will fluctuate, so investors’ shares, when sold, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data cited. For performance data current to the most recent month-end, visit our website at [vanguard.com/performance](http://vanguard.com/performance).**

Figures for periods of less than one year are cumulative returns. All other figures represent average annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. All returns are net of expenses.

## Distribution by issuer—bonds



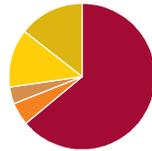
\* Partial return since fund started, September 29, 2011.

Spl BloomBarc US1-5YrGov/Cr FIAdjlx: Bloomberg Barclays U.S. 1–5 Year Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index thereafter.

# Vanguard Short-Term Bond Index Fund

Bond fund | Institutional Plus Shares

Distribution by credit quality†



■ U.S. Government	64.0%	■ A	12.9
■ Aaa	5.0	■ Baa	14.4
■ Aa	3.7		

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## Plain talk about risk

The fund is designed for investors with a low tolerance for risk; however, the fund's performance could be hurt by:

**Interest rate risk:** The chance that bond prices will decline because of rising interest rates. Interest rate risk should be low for the fund because it invests primarily in short-term bonds, whose prices are much less sensitive to interest rate changes than are the prices of long-term bonds.

**Income risk:** The chance that the fund's income will decline because of falling interest rates.

**Credit risk:** The chance that a bond issuer will fail to pay interest or principal in a timely manner or that negative perceptions of the issuer's ability to make such payments will cause the price of that bond to decline. Credit risk should be low for the fund because it purchases only bonds that are of investment-grade quality.

**Index sampling risk:** The chance that the securities selected for the fund, in the aggregate, will not provide investment performance matching that of the index. Index sampling risk for the fund should be low.

†**Credit-quality ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest). "NR" is used to classify securities for which a rating is not available. NR securities may include a fund's investment in Vanguard Market Liquidity Fund or Vanguard Municipal Cash Management Fund, each of which invests in high-quality money market instruments and may serve as a cash management vehicle for the Vanguard funds, trusts, and accounts. U.S. Treasury, U.S. Agency, and U.S. Agency mortgage-backed securities appear under "U.S. Government." Credit-quality ratings for each issue are obtained from Barclays using ratings derived from Moody's Investors Service (Moody's), Fitch Ratings (Fitch), and Standard & Poor's (S&P). When ratings from all three agencies are available, the median rating is used. When ratings are available from two of the agencies, the lower rating is used. When one rating is available, that rating is used.**

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If you receive your retirement plan statement from Vanguard or log on to Vanguard's website to view your plan, visit [vanguard.com](https://www.vanguard.com) or call **800-523-1188**.

If you receive your retirement plan statement from a service provider other than Vanguard or log on to a recordkeeper's website that is not Vanguard to view your plan, please call **855-402-2646**.

**Visit [vanguard.com](https://www.vanguard.com) to obtain a prospectus or, if available, a summary prospectus. Investment objectives, risks, charges, expenses, and other important information about a fund are contained in the prospectus; read and consider it carefully before investing.**

**Financial advisor clients: For more information about Vanguard funds, contact your financial advisor to obtain a prospectus.**

Investment Products: Not FDIC Insured • No Bank Guarantee • May Lose Value

# Vanguard Total Bond Market Index Fund

Bond fund | Institutional Plus Shares

## Fund facts

Risk level Low ← → High					Total net assets	Expense ratio as of 04/28/20	Ticker symbol	Turnover rate as of 12/31/20	Inception date	Fund number
1	2	3	4	5	\$32,910 MM	0.03%	VBMPX	38.8%	09/18/95	0850

## Investment objective

Vanguard Total Bond Market Index Fund seeks to track the performance of a broad, market-weighted bond index.

## Investment strategy

The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays U.S. Aggregate Float Adjusted Bond Index. This index measures a wide spectrum of public, investment-grade, taxable, fixed income securities in the United States—including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities, all with maturities of more than 1 year. The fund invests by sampling the index, meaning that it holds a range of securities that, in the aggregate, approximate the full index in terms of key risk factors and other characteristics. All of the fund's investments will be selected through the sampling process, and at least 80% of the fund's assets will be invested in bonds held in the index. The fund maintains a dollar-weighted average maturity consistent with that of the index, which currently ranges between 5 and 10 years.

For the most up-to-date fund data, please scan the QR code below.



## Benchmark

Spliced BloomBarc USAgg Flt Adjlx

## Growth of a \$10,000 investment : January 31, 2011 – December 31, 2020



## Annual returns



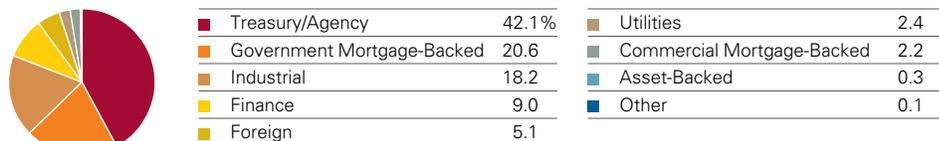
## Total returns

	Periods ended December 31, 2020					
	Quarter	Year to date	One year	Three years	Five years	Ten years
Fund	0.67%	7.74%	7.74%	5.42%	4.48%	3.82%
Benchmark	0.71%	7.75%	7.75%	5.44%	4.53%	3.89%

**The performance data shown represent past performance, which is not a guarantee of future results. Investment returns and principal value will fluctuate, so investors' shares, when sold, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data cited. For performance data current to the most recent month-end, visit our website at [vanguard.com/performance](http://vanguard.com/performance).**

Figures for periods of less than one year are cumulative returns. All other figures represent average annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. All returns are net of expenses.

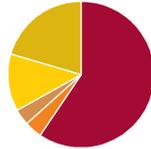
## Distribution by issuer—bonds



# Vanguard Total Bond Market Index Fund

Bond fund | Institutional Plus Shares

Distribution by credit quality†



■ U.S. Government	59.5%	■ A	12.7%
■ Aaa	3.8%	■ Baa	20.4%
■ Aa	3.6%		

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## Plain talk about risk

An investment in the fund could lose money over short or even long periods. You should expect the fund's share price and total return to fluctuate within a wide range, like the fluctuations of the overall bond market. The fund's performance could be hurt by:

**Interest rate risk:** The chance that bond prices will decline because of rising interest rates. Interest rate risk should be moderate for the fund because it invests primarily in short- and intermediate-term bonds, whose prices are less sensitive to interest rate changes than are the prices of long-term bonds.

**Income risk:** The chance that the fund's income will decline because of falling interest rates.

**Prepayment risk:** The chance that during periods of falling interest rates, homeowners will refinance their mortgages before their maturity dates, resulting in prepayment of mortgage-backed securities held by the fund. The fund would then lose any price appreciation above the mortgage's principal and would be forced to reinvest the unanticipated proceeds at lower interest rates, resulting in a decline in the fund's income.

**Extension risk:** The chance that during periods of rising interest rates, certain debt obligations will be paid off substantially more slowly than originally anticipated, and the value of those securities may fall. For funds that invest in mortgage-backed securities, extension risk is the chance that during periods of rising interest rates, homeowners will prepay their mortgages at slower rates.

**Credit risk:** The chance that a bond issuer will fail to pay interest or principal in a timely manner or that negative perceptions of the issuer's ability to make such payments will cause the price of that bond to decline. Credit risk should be relatively low for the fund because it invests primarily in bonds that are considered to be of high quality.

**Call risk:** The chance that during periods of falling interest rates, issuers of callable bonds may call (redeem) securities with higher coupon rates or interest rates before their maturity dates. The fund would then lose any price appreciation above the bond's call price and would be forced to reinvest the unanticipated proceeds at lower interest rates, resulting in a decline in the fund's income.

**Index sampling risk:** The chance that the securities selected for the fund, in the aggregate, will not provide investment performance matching that of the index. Index sampling risk for the fund should be low.

## Note on frequent trading restrictions

Frequent trading policies may apply to those funds offered as investment options within your plan. Please log on to [vanguard.com](https://www.vanguard.com) for your employer plans or contact Participant Services at 800-523-1188 for additional information.

†Credit-quality ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest). "NR" is used to classify securities for which a rating is not available. NR securities may include a fund's investment in Vanguard Market Liquidity Fund or Vanguard Municipal Cash Management Fund, each of which invests in high-quality money market instruments and may serve as a cash management vehicle for the Vanguard funds, trusts, and accounts. U.S. Treasury, U.S. Agency, and U.S. Agency mortgage-backed securities appear under "U.S. Government." Credit-quality ratings for each issue are obtained from Barclays using ratings derived from Moody's Investors Service (Moody's), Fitch Ratings (Fitch), and Standard & Poor's (S&P). When ratings from all three agencies are available, the median rating is used. When ratings are available from two of the agencies, the lower rating is used. When one rating is available, that rating is used.

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# Vanguard Extended Market Index Fund

Domestic stock fund | Institutional Plus Shares

## Fund facts

Risk level Low ← → High					Total net assets	Expense ratio as of 04/28/20	Ticker symbol	Turnover rate as of 12/31/20	Inception date	Fund number
1	2	3	4	5	\$11,665 MM	0.04%	VEMPX	5.0%	01/14/11	1860

## Investment objective

Vanguard Extended Market Index Fund seeks to track the performance of a benchmark index that measures the investment return of small- and mid-capitalization stocks.

## Investment strategy

The fund employs an indexing investment approach designed to track the performance of the Standard & Poor's Completion Index, a broadly diversified index of stocks of small and medium-size U.S. companies. The Standard & Poor's Completion Index contains all of the U.S. common stocks regularly traded on the New York and American Stock Exchanges, and the Nasdaq over-the-counter market, except those stocks included in the Standard & Poor's 500 Index. The fund invests all, or substantially all, of its assets in stocks of its target index, with nearly 80% of its assets invested in the 1,200 largest stocks in its target index (covering nearly 80% of the index's total market capitalization), and the rest of its assets in a representative sample of the remaining stocks. The fund holds a broadly diversified collection of securities that, in the aggregate, approximates the full index in terms of key characteristics. These key characteristics include industry weightings and market capitalization, as well as certain financial measures such as price/earnings ratio and dividend yield.

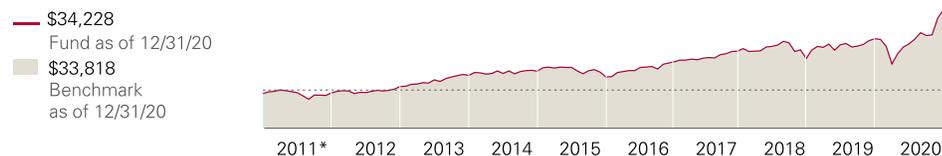
For the most up-to-date fund data, please scan the QR code below.



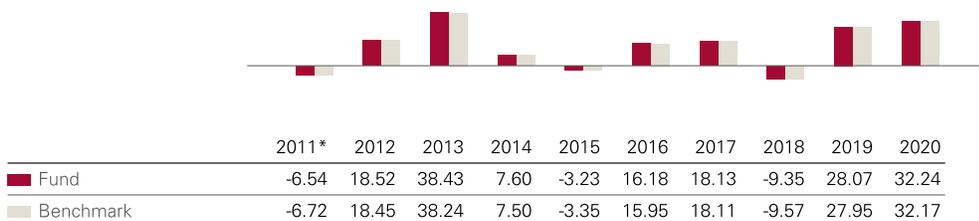
## Benchmark

S&P Completion Index

## Growth of a \$10,000 investment : January 31, 2011 – December 31, 2020



## Annual returns



## Total returns

	Periods ended December 31, 2020					
	Quarter	Year to date	One year	Three years	Five years	Since inception
Fund	27.44%	32.24%	32.24%	15.36%	16.07%	12.95%
Benchmark	27.40%	32.17%	32.17%	15.21%	15.93%	—

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Figures for periods of less than one year are cumulative returns. All other figures represent average annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. All returns are net of expenses.

\* Partial return since fund started, January 14, 2011.

S&P Completion Index: Represents mid- and small-capitalization stocks. Complements the large-capitalization S&P 500 Index.

# Vanguard Extended Market Index Fund

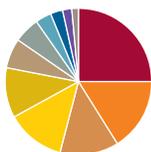
Domestic stock fund | Institutional Plus Shares

## Ten largest holdings\*

1	Square Inc.
2	Uber Technologies Inc.
3	Zoom Video Communications Inc.
4	Snap Inc.
5	NXP Semiconductors NV
6	Blackstone Group Inc.
7	Twilio Inc.
8	DocuSign Inc.
9	Lululemon Athletica Inc.
10	Workday Inc.
Top 10 as % of total net assets	
7.5%	

\* The holdings listed exclude any temporary cash investments and equity index products.

## Sector Diversification



Information Tech	25.0%	Communication Services	5.7
Health Care	16.1	Materials	3.5
Industrials	13.0	Consumer Staples	2.7
Financials	12.9	Utilities	2.0
Consumer Discretionary	11.1	Energy	1.5
Real Estate	6.5	Other	0.0

Sector categories are based on the Global Industry Classification Standard ("GICS"), except for the "Other" category (if applicable), which includes securities that have not been provided a GICS classification as of the effective reporting period.

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### Plain talk about risk

An investment in the fund could lose money over short or even long periods. You should expect the fund's share price and total return to fluctuate within a wide range, like the fluctuations of the overall stock market. The fund's performance could be hurt by:

**Stock market risk:** The chance that stock prices overall will decline. Stock markets tend to move in cycles, with periods of rising stock prices and periods of falling stock prices. The fund's target index may, at times, become focused in stocks of a particular sector, category, or group of companies. Because the fund seeks to track its target index, the fund may underperform the overall stock market.

**Investment style risk:** The chance that returns from small- and mid-capitalization stocks will trail returns from the overall stock market. Historically, small- and mid-cap stocks have been more volatile in price than the large-cap stocks that dominate the overall market, and they often perform quite differently. Small and mid-size companies tend to have greater stock volatility because, among other things, these companies are more sensitive to changing economic conditions.

**Index sampling risk:** The chance that the securities selected for the fund, in the aggregate, will not provide investment performance matching that of the index. Index sampling risk for the fund should be low.

### Note on frequent trading restrictions

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# Vanguard Institutional Index Fund

Domestic stock fund | Institutional Plus Shares

## Fund facts

Risk level Low ← → High					Total net assets	Expense ratio as of 04/28/20	Ticker symbol	Turnover rate as of 12/31/20	Inception date	Fund number
1	2	3	4	5	\$142,174 MM	0.02%	VIII	1.7%	07/07/97	0854

## Investment objective

Vanguard Institutional Index Fund seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks.

## Investment strategy

The fund employs an indexing investment approach designed to track the performance of the Standard & Poor's 500 Index, which is dominated by the stocks of large U.S. companies. The fund attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index.

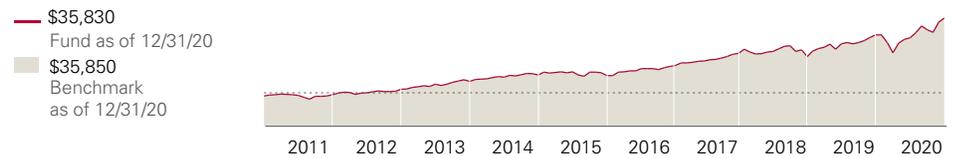
For the most up-to-date fund data, please scan the QR code below.



## Benchmark

S&P 500 Index

## Growth of a \$10,000 investment : January 31, 2011 – December 31, 2020



## Annual returns



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
■ Fund	2.12	16.00	32.37	13.68	1.39	11.95	21.82	-4.41	31.48	18.41
■ Benchmark	2.11	16.00	32.39	13.69	1.38	11.96	21.83	-4.38	31.49	18.40

## Total returns

Periods ended December 31, 2020

	Quarter	Year to date	One year	Three years	Five years	Ten years
Fund	12.15%	18.41%	18.41%	14.17%	15.21%	13.88%
Benchmark	12.15%	18.40%	18.40%	14.18%	15.22%	13.88%

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Figures for periods of less than one year are cumulative returns. All other figures represent average annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. All returns are net of expenses.

# Vanguard Institutional Index Fund

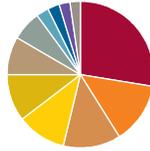
Domestic stock fund | Institutional Plus Shares

## Ten largest holdings\*

1	Apple Inc.	
2	Microsoft Corp.	
3	Amazon.com Inc.	
4	Alphabet Inc.	
5	Facebook Inc.	
6	Tesla Inc.	
7	Berkshire Hathaway Inc.	
8	Johnson & Johnson	
9	JPMorgan Chase & Co.	
10	Visa Inc.	
Top 10 as % of total net assets		28.6%

\* The holdings listed exclude any temporary cash investments and equity index products.

## Sector Diversification



Information Tech	27.6%	Consumer Staples	6.5
Health Care	13.5	Utilities	2.8
Consumer Discretionary	12.7	Materials	2.6
Communication Services	10.8	Real Estate	2.4
Financials	10.4	Energy	2.3
Industrials	8.4	Other	0.0

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### Plain talk about risk

An investment in the fund could lose money over short or even long periods. You should expect the fund's share price and total return to fluctuate within a wide range, like the fluctuations of the overall stock market. The fund's performance could be hurt by:

**Stock market risk:** The chance that stock prices overall will decline. Stock markets tend to move in cycles, with periods of rising stock prices and periods of falling stock prices. The fund's target index may, at times, become focused in stocks of a particular sector, category, or group of companies. Because the fund seeks to track its target index, the fund may underperform the overall stock market.

**Investment style risk:** The chance that returns from large-capitalization stocks will trail returns from the overall stock market. Large-cap stocks tend to go through cycles of doing better—or worse—than other segments of the stock market or the stock market in general. These periods have, in the past, lasted for as long as several years.

### Note on frequent trading restrictions

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# Vanguard Short-Term Inflation-Protected Securities Index Fund

Bond fund | Institutional Shares

## Fund facts

Risk level Low <-----> High	Total net assets	Expense ratio as of 01/31/20	Ticker symbol	Turnover rate as of 09/30/20	Inception date	Fund number
<b>1</b> <b>2</b> <b>3</b> <b>4</b> <b>5</b>	\$12,485 MM	0.04%	VTSPX	36.9%	10/17/12	1867

## Investment objective

Vanguard Short-Term Inflation-Protected Securities Index Fund seeks to track the performance of a benchmark index that measures the investment return of inflation-protected public obligations of the U.S. Treasury with remaining maturities of less than five years.

## Investment strategy

The fund employs an indexing investment approach designed to track the performance of the Bloomberg Barclays U.S. Treasury Inflation-Protected Securities (TIPS) 0-5 Year Index. The index is a market-capitalization-weighted index that includes all inflation-protected public obligations issued by the U.S. Treasury with remaining maturities of less than five years. The fund attempts to replicate the target index by investing all, or most, of its assets in the securities that make up the index, holding each security in approximately the same proportion as its weighting in the index.

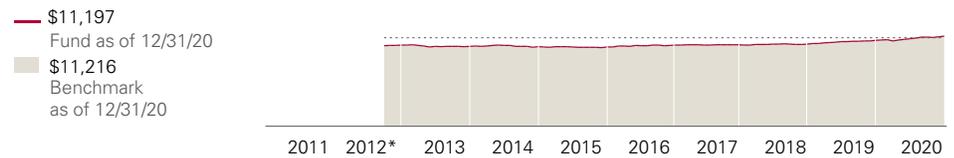
For the most up-to-date fund data, please scan the QR code below.



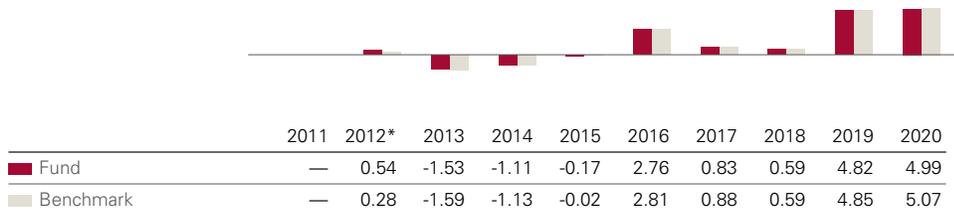
## Benchmark

BloomBarc US 0-5 Year TIPS Index

## Growth of a \$10,000 investment : October 31, 2012 – December 31, 2020



## Annual returns



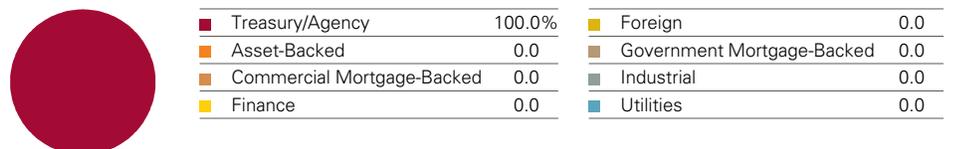
## Total returns

	Periods ended December 31, 2020					
	Quarter	Year to date	One year	Three years	Five years	Since inception
Fund	1.29%	4.99%	4.99%	3.44%	2.78%	1.40%
Benchmark	1.31%	5.07%	5.07%	3.48%	2.82%	—

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## Distribution by issuer—bonds



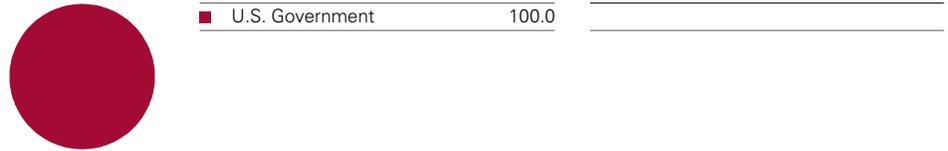
\* Partial return since fund started, October 17, 2012.

BloomBarc US 0-5 Year TIPS Index: Includes inflation-protected public obligations issued by the U.S. Treasury with remaining maturities of less than five years.

# Vanguard Short-Term Inflation-Protected Securities Index Fund

Bond fund | Institutional Shares

Distribution by credit quality†



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**Plain talk about risk**

An investment in the fund could lose money over short or even long periods. You should expect the fund’s share price and total return to fluctuate within a wide range, like the fluctuations of the overall bond market. The fund’s performance could be hurt by:

**Income fluctuations:** The fund’s quarterly income distributions are likely to fluctuate considerably more than the income distributions of a typical bond fund. Income fluctuations associated with changes in interest rates are expected to be low; however, income fluctuations associated with changes in inflation are expected to be high. Overall, investors can expect income fluctuations to be high for the fund.

**Interest rate risk:** The chance that the value of a bond will fluctuate due to a change in the level of interest rates. Although inflation-indexed bonds seek to provide inflation protection, their prices may decline when interest rates rise and vice versa. Because the fund’s dollar-weighted average maturity is expected to be 5 years or less, interest rate risk is expected to be low for the fund.

†**Credit-quality ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest). “NR” is used to classify securities for which a rating is not available. NR securities may include a fund’s investment in Vanguard Market Liquidity Fund or Vanguard Municipal Cash Management Fund, each of which invests in high-quality money market instruments and may serve as a cash management vehicle for the Vanguard funds, trusts, and accounts. U.S. Treasury, U.S. Agency, and U.S. Agency mortgage-backed securities appear under “U.S. Government.” Credit-quality ratings for each issue are obtained from Barclays using ratings derived from Moody’s Investors Service (Moody’s), Fitch Ratings (Fitch), and Standard & Poor’s (S&P). When ratings from all three agencies are available, the median rating is used. When ratings are available from two of the agencies, the lower rating is used. When one rating is available, that rating is used.**

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IEFA

## iShares Core MSCI EAFE ETF

Fact Sheet as of 12/31/2020

iShares®  
by BLACKROCK®

The iShares Core MSCI EAFE ETF seeks to track the investment results of an index composed of large-, mid- and small-capitalization developed market equities, excluding the U.S. and Canada.

## KEY FACTS

Fund Launch Date	10/18/2012
Expense Ratio	0.07%
Benchmark	MSCI EAFE IMI Index
30 Day SEC Yield	2.00%
Number of Holdings	2,652
Net Assets	\$84,073,439,419

Ticker	IEFA
CUSIP	46432F842
Exchange	Cboe BZX formerly known as BATS

## TOP HOLDINGS (%)

NESTLE SA	1.81
ROCHE HOLDING PAR AG	1.31
NOVARTIS AG	1.12
ASML HOLDING NV	1.10
LVMH	0.93
TOYOTA MOTOR CORP	0.87
UNILEVER PLC	0.84
AIA GROUP LTD	0.79
SAP	0.73
ASTRAZENECA PLC	0.70
	<u>10.20</u>

Holdings are subject to change.

## WHY IEFA?

- 1 Exposure to a broad range of companies in Europe, Australia, Asia, and the Far East
- 2 Low cost, comprehensive access to stocks in developed international countries
- 3 Use at the core of a portfolio to diversify internationally and seek long-term growth

## GROWTH OF 10,000 USD SINCE INCEPTION



The Growth of \$10,000 chart reflects a hypothetical \$10,000 investment and assumes reinvestment of dividends and capital gains. Fund expenses, including management fees and other expenses were deducted.

## PERFORMANCE

	1 Year	3 Year	5 Year	10 Year	Since Inception
NAV	8.55%	4.54%	7.92%	N/A	7.32%
Market Price	8.14%	4.45%	7.94%	N/A	7.25%
Benchmark	8.47%	4.36%	7.72%	5.82%	7.16%

The performance quoted represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than the original cost. Current performance may be lower or higher than the performance quoted. Performance data current to the most recent month end may be obtained by visiting [www.iShares.com](http://www.iShares.com) or [www.blackrock.com](http://www.blackrock.com).

Beginning 8/10/20, the market price returns are calculated using the closing price.

Prior to 8/10/20, the market price returns were calculated using the midpoint of the bid/ask spread at 4:00 PM ET. The returns shown do not represent the returns you would receive if you traded shares at other times.

## TOP SECTORS (%)

Industrials	16.36%
Financials	15.33%
Consumer Discretionary	12.50%
Health Care	11.94%
Consumer Staples	10.09%
Information Technology	9.10%
Materials	8.02%
Communication	5.14%
Real Estate	4.39%
Utilities	3.72%
Energy	2.89%
Cash and/or Derivatives	0.52%

## FUND CHARACTERISTICS

Beta vs. S&P 500	0.91
Standard Deviation (3yrs)	18.43%
Price to Earnings	17.79
Price to Book Ratio	1.67

## GEOGRAPHIC BREAKDOWN (%)



## FEES AND EXPENSES BREAKDOWN

<b>Expense Ratio</b>	<b>0.07%</b>
Management Fee	0.07%
Acquired Fund Fees and Expenses	0.00%
Foreign Taxes and Other Expenses	0.00%

## GLOSSARY

**Beta** is a measure of the tendency of securities to move with the market as a whole. A beta of 1 indicates that the security's price will move with the market. A beta less than 1 indicates the security tends to be less volatile than the market, while a beta greater than 1 indicates the security is more volatile than the market.

**The price to earnings ratio (P/E)** is a fundamental measure used to determine if an investment is valued appropriately. Each holding's P/E is the latest closing price divided by the latest fiscal year's earnings per share. Negative P/E ratios are excluded from this calculation. For hedged funds, the underlying fund's value is shown.

**The price to book (P/B)** value ratio is a fundamental measure used to determine if an investment is valued appropriately. The book value of a company is a measure of how much a company's assets are worth assuming the company's debts are paid off. Each holding's P/B is the latest closing price divided by the latest fiscal year's book value per share. Negative book values are excluded from this calculation. For hedged funds, the underlying fund's value is shown.

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**Carefully consider the Fund's investment objectives, risk factors, and charges and expenses before investing. This and other information can be found in the Fund's prospectus, and if available, summary prospectus, which may be obtained by calling 1-800-iShares (1-800-474-2737) or by visiting [www.iShares.com](http://www.iShares.com) or [www.blackrock.com](http://www.blackrock.com). Read the prospectus carefully before investing.**

**Investing involves risk, including possible loss of principal.**

International investing involves risks, including risks related to foreign currency, limited liquidity, less government regulation and the possibility of substantial volatility due to adverse political, economic or other developments. These risks often are heightened for investments in emerging/ developing markets or in concentrations of single countries.

Small-capitalization companies may be less stable and more susceptible to adverse developments, and their securities may be more volatile and less liquid than larger capitalization companies.

Performance shown reflects fee waivers and/or expense reimbursements by the investment advisor to the fund for some or all of the periods shown. Performance would have been lower without such waivers.

Diversification may not protect against market risk or loss of principal. Shares of ETFs are bought and sold at market price (not NAV) and are not individually redeemed from the fund. Any applicable brokerage commissions will reduce returns.

**Index returns are for illustrative purposes only. Index performance returns do not reflect any management fees, transaction costs or expenses. Indexes are unmanaged and one cannot invest directly in an index. Past performance does not guarantee future results.**

"Acquired Fund Fees and Expenses" reflect the Fund's pro rata share of the indirect fees and expenses incurred by investing in one or more acquired funds, such as mutual funds, business development companies, or other pooled investment vehicles. AFFE are reflected in the prices of the acquired funds and thus included in the total returns of the Fund.

The iShares Funds are distributed by BlackRock Investments, LLC (together with its affiliates, "BlackRock").

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**SUSTAINABILITY CHARACTERISTICS**

Sustainability Characteristics can help investors integrate non-financial, sustainability considerations into their investment process. These metrics enable investors to evaluate funds based on their environmental, social, and governance (ESG) risks and opportunities. This analysis can provide insight into the effective management and long-term financial prospects of a fund.

The metrics below have been provided for transparency and informational purposes only. The existence of an ESG rating is not indicative of how or whether ESG factors will be integrated into a fund. The metrics are based on MSCI ESG Fund Ratings and, unless otherwise stated in fund documentation and included within a fund's investment objective, do not change a fund's investment objective or constrain the fund's investable universe, and there is no indication that an ESG or Impact focused investment strategy or exclusionary screens will be adopted by a fund. For more information regarding a fund's investment strategy, please see the fund's prospectus.

MSCI ESG Fund Rating (AAA-CCC)	AA	MSCI ESG Quality Score (0-10)	7.25
MSCI ESG Quality Score - Peer Percentile	51.28%	MSCI ESG % Coverage	98.87%
Fund Lipper Global Classification	Equity Global ex US	MSCI Weighted Average	134.72
Funds in Peer Group	858	Carbon Intensity (Tons CO2E/\$M SALES)	

All data is from MSCI ESG Fund Ratings as of **07-Jan-2021**, based on holdings as of **30-Nov-2020**. As such, the fund's sustainable characteristics may differ from MSCI ESG Fund Ratings from time to time.

To be included in MSCI ESG Fund Ratings, 65% of the fund's gross weight must come from securities covered by MSCI ESG Research (certain cash positions and other asset types deemed not relevant for ESG analysis by MSCI are removed prior to calculating a fund's gross weight; the absolute values of short positions are included but treated as uncovered), the fund's holdings date must be less than one year old, and the fund must have at least ten securities. For newly launched funds, sustainability characteristics are typically available 6 months after launch.

**ESG GLOSSARY:**

**MSCI ESG Fund Rating (AAA-CCC):** The MSCI ESG Rating is calculated as a direct mapping of ESG Quality Scores to letter rating categories (e.g. AAA = 8.6-10). The ESG Ratings range from leader (AAA, AA), average (A, BBB, BB) to laggard (B, CCC).

**MSCI ESG Quality Score - Peer Percentile:** The fund's ESG Percentile compared to its Lipper peer group.

**Fund Lipper Global Classification:** The fund peer group as defined by the Lipper Global Classification.

**Funds in Peer Group:** The number of funds from the relevant Lipper Global Classification peer group that are also in ESG coverage.

**MSCI ESG Quality Score (0-10):** The MSCI ESG Quality Score (0 - 10) for funds is calculated using the weighted average of the ESG scores of fund holdings. The Score also considers ESG Rating trend of holdings and the fund exposure to holdings in the laggard category. MSCI rates underlying holdings according to their exposure to industry specific ESG risks and their ability to manage those risks relative to peers.

**MSCI ESG % Coverage:** Percentage of a fund's holdings that have MSCI ESG ratings data.

**MSCI Weighted Average Carbon Intensity (Tons CO2E/\$M SALES):** Measures a fund's exposure to carbon intensive companies. This figure represents the estimated greenhouse gas emissions per \$1 million in sales across the fund's holdings. This allows for comparisons between funds of different sizes.

Certain information contained herein (the "Information") has been provided by MSCI ESG Research LLC, a RIA under the Investment Advisers Act of 1940, and may include data from its affiliates (including MSCI Inc. and its subsidiaries ("MSCI")), or third party suppliers (each an "Information Provider"), and it may not be reproduced or disseminated in whole or in part without prior written permission. The Information has not been submitted to, nor received approval from, the US SEC or any other regulatory body. The Information may not be used to create any derivative works, or in connection with, nor does it constitute, an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy, nor should it be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. Some funds may be based on or linked to MSCI indexes, and MSCI may be compensated based on the fund's assets under management or other measures. MSCI has established an information barrier between equity index research and certain Information. None of the Information in and of itself can be used to determine which securities to buy or sell or when to buy or sell them. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. Neither MSCI ESG Research nor any Information Party makes any representations or express or implied warranties (which are expressly disclaimed), nor shall they incur liability for any errors or omissions in the Information, or for any damages related thereto. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

IAGG

# iShares Core International Aggregate Bond ETF

Fact Sheet as of 12/31/2020

**iShares**<sup>®</sup>  
by **BLACKROCK**<sup>®</sup>

The iShares Core International Aggregate Bond ETF seeks to track the investment results of an index composed of global non-U.S. dollar denominated investment-grade bonds that mitigates exposure to fluctuations between the value of the component currencies and the U.S. dollar.

## WHY IAGG?

- 1 Provides low cost, convenient access to international bonds in a single fund
- 2 Diversifies fixed income holdings by adding broad international exposure to investment grade bonds
- 3 Seeks to mitigate exposure to fluctuations between the value of the component currencies and the U.S. dollar

## GROWTH OF 10,000 USD SINCE INCEPTION



The Growth of \$10,000 chart reflects a hypothetical \$10,000 investment and assumes reinvestment of dividends and capital gains. Fund expenses, including management fees and other expenses were deducted.

## PERFORMANCE

	1 Year	3 Year	5 Year	10 Year	Since Inception
<b>NAV</b>	4.51%	5.18%	4.60%	N/A	4.58%
<b>Market Price</b>	4.67%	5.17%	4.64%	N/A	4.63%
<b>Benchmark</b>	4.70%	5.34%	4.72%	N/A	4.68%

The performance quoted represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than the original cost. Current performance may be lower or higher than the performance quoted. Performance data current to the most recent month end may be obtained by visiting [www.iShares.com](http://www.iShares.com) or [www.blackrock.com](http://www.blackrock.com).

Beginning 8/10/20, the market price returns are calculated using the closing price.

Prior to 8/10/20, the market price returns were calculated using the midpoint of the bid/ask spread at 4:00 PM ET. The returns shown do not represent the returns you would receive if you traded shares at other times.

## KEY FACTS

Fund Launch Date	11/10/2015
Expense Ratio	0.08%
Benchmark	Bloomberg Barclays Global Aggregate ex USD 10% Issuer Capped (Hedged) Index
30 Day SEC Yield	0.72%
Number of Holdings	3,695
Net Assets	\$3,345,803,721
Ticker	IAGG
CUSIP	46435G672
Exchange	Cboe BZX formerly known as BATS

## TOP HOLDINGS (%)

EUR CASH	1.44
CHINA PEOPLES REPUBLIC OF (GOVERNMENT	0.81
CHINA DEVELOPMENT BANK	0.54
CHINA PEOPLES REPUBLIC OF (GOVERNMENT	0.51
CHINA DEVELOPMENT BANK	0.40
CHINA PEOPLES REPUBLIC OF (GOVERNMENT	0.38
JAPAN (GOVERNMENT OF)	0.37
5YR #134	0.37
FRANCE (REPUBLIC OF) RegS	0.37
CHINA PEOPLES REPUBLIC OF (GOVERNMENT	0.36
JAPAN (GOVERNMENT OF)	0.35
5YR #132	5.53

Holdings are subject to change.

## CREDIT RATINGS BREAKDOWN (%)



Credit quality ratings on underlying securities of the fund are received from S&P, Moody's and Fitch and converted to the equivalent S&P major rating category. This breakdown is provided by BlackRock and takes the median rating of the three agencies when all three agencies rate a security, the lower of the two ratings if only two agencies rate a security, and one rating if that is all that is provided. Unrated securities do not necessarily indicate low quality. Below investment-grade is represented by a rating of BB and below. Ratings and portfolio credit quality may change over time.

## MATURITY BREAKDOWN (%)



## FEES AND EXPENSES BREAKDOWN

Expense Ratio	0.08%
Management Fee	0.08%
Acquired Fund Fees and Expenses	0.00%
Foreign Taxes and Other Expenses	0.00%

## FUND CHARACTERISTICS

Weighted Average Maturity	9.50 yrs
Standard Deviation (3yrs)	3.02%
Effective Duration	7.96

## GLOSSARY

**Weighted Average Maturity** is the length of time until the average security in the fund will mature or be redeemed by its issuer. It indicates a fixed income fund's sensitivity to interest rate changes. Longer average weighted maturity implies greater volatility in response to interest rate changes.

**Effective Duration** is a measure of the potential responsiveness of a bond or portfolio price to small parallel shifts in interest rates. Effective Duration takes into account the possible changes in expected bond cash flows due to small parallel shifts in interest rates.

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Investing involves risk, including possible loss of principal.

Fixed income risks include interest-rate and credit risk. Typically, when interest rates rise, there is a corresponding decline in bond values. Credit risk refers to the possibility that the bond issuer will not be able to make principal and interest payments.

International investing involves risks, including risks related to foreign currency, limited liquidity, less government regulation and the possibility of substantial volatility due to adverse political, economic or other developments. These risks often are heightened for investments in emerging/developing markets or in concentrations of single countries.

A fund's use of derivatives may reduce a fund's returns and/or increase volatility and subject the fund to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligation. A fund could suffer losses related to its derivative positions because of a possible lack of liquidity in the secondary market and as a result of unanticipated market movements, which losses are potentially unlimited. There can be no assurance that any fund's hedging transactions will be effective.

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MSCI ESG Fund Rating (AAA-CCC)	A	MSCI ESG Quality Score (0-10)	5.83
MSCI ESG Quality Score - Peer Percentile	53.99%	MSCI ESG % Coverage	98.67%
Fund Lipper Global Classification	Bond Global USD	MSCI Weighted Average	91.54
Funds in Peer Group	363	Carbon Intensity (Tons CO2E/\$M SALES)	

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