

BlackRock Strategic Global Bond Inv A (USD)

Morningstar Analyst Rating™
Gold
 07-02-2020

Overall Morningstar Rating™
 ★★★★★
 178 US Fund World Bond

Standard Index
 BBgBarc US Agg
 Bond TR USD

Category Index
 BBgBarc Global
 Aggregate TR USD

Morningstar Cat
 US Fund World Bond

Performance 10-31-2020

Quarterly Returns	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total %
2018	2.00	-3.35	-0.52	0.88	-1.07
2019	2.62	4.16	0.09	0.90	7.95
2020	-2.68	5.85	2.25	—	5.59
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	1.58	2.95	3.65	2.55	4.38
Std 09-30-2020	2.03	—	3.72	2.54	4.39
Total Return	5.81	4.36	4.50	2.97	4.55
+/- Std Index	-0.38	-0.70	0.42	-0.58	—
+/- Cat Index	0.17	0.10	0.60	0.73	—
% Rank Cat	19	15	18	14	—
No. in Cat	202	178	165	108	—

7-day Yield 11-11-20	Subsidized	1.19 ¹	Unsubsidized	—
30-day SEC Yield 09-30-20		1.49 ¹		1.74

1. Contractual waiver; Expires 04-30-2021

Performance Disclosure

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-441-7762 or visit www.blackrock.com.

Fees and Expenses

Sales Charges

Front-End Load %	4.00
Deferred Load %	NA

Fund Expenses

Management Fees %	0.50
12b1 Expense %	0.25
Net Expense Ratio %	0.89
Gross Expense Ratio %	1.31

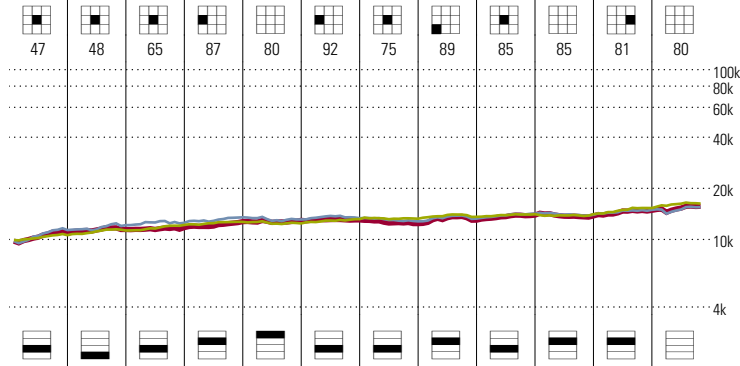
Risk and Return Profile

	3 Yr	5 Yr	10 Yr
	178 funds	165 funds	108 funds
Morningstar Rating™	4★	4★	5★
Morningstar Risk	-Avg	-Avg	Low
Morningstar Return	+Avg	+Avg	+Avg
	3 Yr	5 Yr	10 Yr
Standard Deviation	4.88	4.96	4.16
Mean	4.36	4.50	2.97
Sharpe Ratio	0.58	0.68	0.58

MPT Statistics	Standard Index	Best Fit Index BBgBarc Global Aggregate TR USD
Alpha	0.04	-0.02
Beta	0.81	1.06
R-Squared	31.11	80.24
12-Month Yield		1.45%
Potential Cap Gains Exp		2.21%

Operations

Family:	BlackRock
Manager:	Multiple
Tenure:	5.2 Years
Objective:	Income
Base Currency:	USD



Investment Style
 Fixed-Income
 Bond %

Growth of \$10,000

BlackRock Strategic Global Bond Inv A	15,678
Category Average	15,493
Standard Index	16,268

Performance Quartile
 (within category)

History
NAV/Price
Total Return %
+/- Standard Index
+/- Category Index
% Rank Cat
No. of Funds in Cat

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	10-20
6.03	6.03	6.01	6.34	6.30	6.26	5.64	5.77	6.00	5.80	6.12	6.39
10.11	4.00	2.55	8.45	1.62	0.72	-4.92	4.80	7.04	-1.07	7.95	5.59
4.18	-2.54	-5.29	4.24	3.64	-5.24	-5.47	2.15	3.50	-1.08	-0.77	-0.72
3.18	-1.54	-3.10	4.13	4.22	0.14	-1.77	2.71	-0.35	0.13	1.11	-0.23
62	83	69	31	8	56	64	35	51	46	29	—
269	270	297	315	365	385	367	339	303	310	210	204

Portfolio Analysis 08-31-2020

Asset Allocation % 07-31-2020	Net %	Long %	Short %
Cash	1.44	15.03	13.58
US Stocks	1.09	1.26	0.18
Non-US Stocks	0.66	0.66	0.00
Bonds	95.79	101.84	6.05
Other/Not Clsfd	1.03	1.03	0.00
Total	100.00	119.81	19.81

Equity Style

Value	Blend	Growth
Large	Med	Small
High	Med	Low

Fixed-Income Style

Ltd	Mod	Ext
High	Med	Low

Credit Quality Breakdown 09-30-2020

	Bond %
AAA	30.65
AA	7.74
A	19.89
BBB	30.22
BB	6.02
B	3.98
Below B	1.08
NR	0.43

Regional Exposure

	Stocks %	Rel Std Index
Americas	66.0	—
Greater Europe	22.3	—
Greater Asia	11.6	—

Top Holdings 04-30-2020

Share Chg since 07-2020	Share Amount	Holdings :	1,094 Total Stocks , 3,447 Total Fixed-Income, 373% Turnover Ratio	Net Assets %
★	1,800 mil	Japan (Government Of)	0.4%	3.36
⊕	106 mil	China (People's Republic Of)	3.29%	3.22
⊕	10 mil	United States Treasury Notes	0.5%	2.10
⊕	7 mil	United States Treasury Notes	0.12%	1.42
⊕	5 mil	Italy (Republic Of)	0.95%	1.15
⊖	5 mil	BlackRock Liquidity T-Fund Instl		1.05
⊕	6 mil	Australia (Commonwealth of)	3%	0.97
⊕	4 mil	Spain (Kingdom of)	0.5%	0.95
⊕	68,229 mil	Indonesia (Republic of)	8.38%	0.93
⊕	317 mil	India (Republic of)	7.26%	0.91
⊕	269 mil	Russian Federation	8.5%	0.88
★	4 mil	Saudi Arabia (Kingdom of)	2.9%	0.83
⊕	4 mil	United States Treasury Notes	0.12%	0.79
⊕	3 mil	United States Treasury Notes	1.75%	0.73
★	4 mil	United States Treasury Notes	0.12%	0.72

Sector Weightings

	Stocks %	Rel Std Index
Cyclical	39.2	—
Basic Materials	4.7	—
Consumer Cyclical	15.2	—
Financial Services	18.0	—
Real Estate	1.2	—
Sensitive	43.1	—
Communication Services	4.7	—
Energy	1.1	—
Industrials	17.0	—
Technology	20.3	—
Defensive	17.7	—
Consumer Defensive	5.0	—
Healthcare	11.5	—
Utilities	1.2	—

Ivy Global Bond Y (USD)

Performance 10-31-2020

Quarterly Returns	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total %
2018	-0.49	-0.78	0.47	0.33	-0.47
2019	3.33	2.77	-0.12	1.49	7.65
2020	-6.60	9.39	2.35	—	4.83
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.80	3.96	4.46	2.92	3.32
Std 09-30-2020	6.14	—	4.96	2.95	3.32
Total Return	5.80	3.96	4.46	2.92	3.32
+/- Std Index	-0.39	-1.11	0.38	-0.64	—
+/- Cat Index	0.16	-0.30	0.56	0.68	—
% Rank Cat	21	28	19	15	—
No. in Cat	202	178	165	108	—

7-day Yield	Subsidized	Unsubsidized
30-day SEC Yield 10-31-20	2.05 ¹	1.89

1. Contractual waiver; Expires 07-31-2020

Performance Disclosure

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-777-6472 or visit www.ivyinvestments.com.

Fees and Expenses

Sales Charges

Front-End Load %	NA
Deferred Load %	NA

Fund Expenses

Management Fees %	0.63
12b1 Expense %	0.25
Net Expense Ratio %	0.96
Gross Expense Ratio %	1.23

Risk and Return Profile

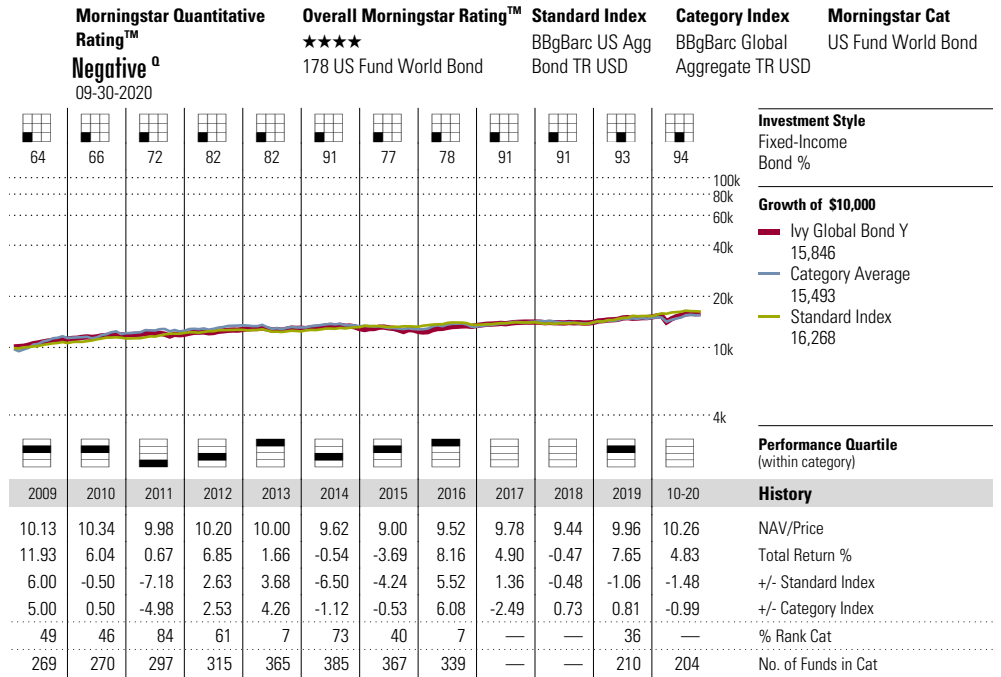
	3 Yr	5 Yr	10 Yr
	178 funds	165 funds	108 funds
Morningstar Rating™	4★	4★	4★
Morningstar Risk	Avg	-Avg	-Avg
Morningstar Return	+Avg	+Avg	+Avg
	3 Yr	5 Yr	10 Yr
Standard Deviation	6.23	5.20	4.60
Mean	3.96	4.46	2.92
Sharpe Ratio	0.40	0.64	0.52

MPT Statistics	Standard Index	Best Fit Index
		JPM EMBI Global
		Diversified TR USD
Alpha	0.09	1.25
Beta	0.70	0.54
R-Squared	14.44	86.03

12-Month Yield	2.12%
Potential Cap Gains Exp	-9.15%

Operations

Family:	Ivy Funds
Manager:	Mark Beischel
Tenure:	12.6 Years
Objective:	Worldwide Bond



Portfolio Analysis 09-30-2020

Asset Allocation %	Net %	Long %	Short %	Share Chg since 06-2020	Share Amount	Holdings :	Net Assets %
Cash	1.73	1.73	0.00			0 Total Stocks , 227 Total Fixed-Income, 38% Turnover Ratio	
US Stocks	0.00	0.00	0.00				
Non-US Stocks	0.00	0.00	0.00		8 mil	T-Mobile USA, Inc. 6%	1.83
Bonds	93.50	93.50	0.00	✱	8 mil	United States Treasury Notes 0.25%	1.80
Other/Not Clsfd	4.77	4.77	0.00		7 mil	United States Treasury Notes 2.13%	1.56
Total	100.00	100.00	0.00		5 mil	United States Treasury Notes 2.38%	1.29
					5 mil	Perusahaan Listrik Negara PT 5.38%	1.27
					5 mil	Celulosa Arauco Y Constitucion 4.5%	1.18
					5 mil	Tsmc Global 144A 1%	1.06
					4 mil	Ausgrid Finance Pty Ltd 3.85%	1.05
					4 mil	Indonesia (Republic of) 3.75%	1.04
					4 mil	Vale Overseas Limited 6.25%	1.03
					4 mil	KOC Holdings AG 6.5%	0.98
					4 mil	Banco Santander, S.A. 2.71%	0.95
					4 mil	ICICI Bank Limited 4%	0.95
					4 mil	Banco Santander Mexico SA 4.13%	0.90
					4 mil	MARB BondCo PLC 7%	0.90

Equity Style

Value	Blend	Growth
Large		
Mid		
Small		

Portfolio Statistics

P/E Ratio TTM	Port Avg	Rel Index	Rel Cat
P/C Ratio TTM	—	—	—
P/B Ratio TTM	—	—	—
Geo Avg Mkt Cap \$mil	—	—	—

Fixed-Income Style

Ltd	Mod	Ext
High		
Mid		
Low		

Credit Quality Breakdown 09-30-2020

	Bond %
AAA	5.00
AA	6.70
A	15.50
BBB	43.10
BB	20.10
B	7.20
Below B	2.40
NR	0.00

Regional Exposure

	Stocks %	Rel Std Index
Americas	—	—
Greater Europe	—	—
Greater Asia	—	—

Sector Weightings

	Stocks %	Rel Std Index
Cyclical	—	—
Basic Materials	—	—
Consumer Cyclical	—	—
Financial Services	—	—
Real Estate	—	—
Sensitive	—	—
Communication Services	—	—
Energy	—	—
Industrials	—	—
Technology	—	—
Defensive	—	—
Consumer Defensive	—	—
Healthcare	—	—
Utilities	—	—

Voya Global Bond A (USD)

Morningstar Quantitative Rating™
Neutral^a

09-30-2020

Overall Morningstar Rating™
 ★★★★★
 178 US Fund World Bond

Standard Index
 BBgBarc US Agg
 Bond TR USD

Category Index
 BBgBarc Global
 Aggregate TR USD

Morningstar Cat
 US Fund World Bond

Performance 10-31-2020

Quarterly Returns	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total %
2018	2.05	-3.32	-0.47	-0.25	-2.05
2019	2.18	4.07	0.05	0.84	7.29
2020	-6.42	8.02	3.45	—	4.95
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	2.26	3.00	4.01	2.10	4.62
Std 09-30-2020	2.81	—	3.90	2.14	4.62
Total Return	4.88	3.87	4.54	2.36	4.81
+/- Std Index	-1.30	-1.19	0.46	-1.20	—
+/- Cat Index	-0.75	-0.39	0.64	0.12	—
% Rank Cat	42	31	17	28	—
No. in Cat	202	178	165	108	—

7-day Yield	Subsidized	Unsubsidized
30-day SEC Yield 10-30-20	2.03 ¹	1.92
1. Contractual waiver; Expires 03-01-2021		

Performance Disclosure

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-992-0180 or visit www.voyainvestments.com.

Fees and Expenses
Sales Charges

Front-End Load %	2.50
Deferred Load %	NA

Fund Expenses

Management Fees %	0.50
12b1 Expense %	0.25
Net Expense Ratio %	0.91
Gross Expense Ratio %	1.08

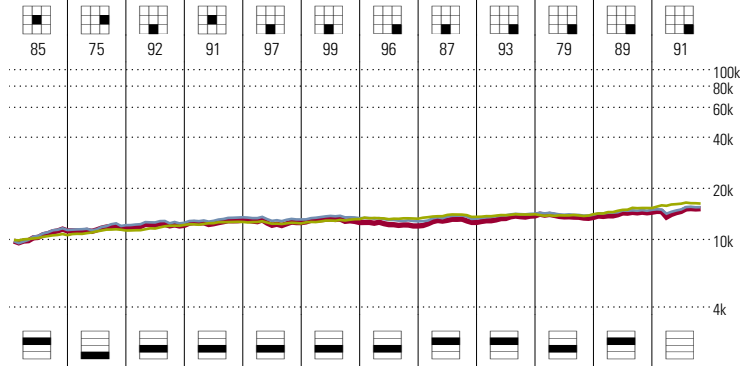
Risk and Return Profile

	3 Yr	5 Yr	10 Yr
	178 funds	165 funds	108 funds
Morningstar Rating™	3★	4★	4★
Morningstar Risk	+Avg	Avg	-Avg
Morningstar Return	+Avg	+Avg	+Avg
Standard Deviation	6.48	5.80	5.60
Mean	3.87	4.54	2.36
Sharpe Ratio	0.38	0.59	0.34

MPT Statistics	Standard Index	Best Fit Index
		JPM EMBI Global
		Diversified TR USD
Alpha	-0.68	1.20
Beta	0.91	0.54
R-Squared	22.26	77.12
12-Month Yield		4.38%
Potential Cap Gains Exp		2.53%

Operations

Family:	Voya
Manager:	Multiple
Tenure:	7.5 Years
Objective:	Worldwide Bond
Base Currency:	USD


Investment Style
 Fixed-Income
 Bond %

Growth of \$10,000

Voya Global Bond A	15,177
Category Average	15,493
Standard Index	16,268

Performance Quartile
 (within category)

History

NAV/Price	9.77
Total Return %	4.95
+/- Standard Index	-1.37
+/- Category Index	-0.88
% Rank Cat	—
No. of Funds in Cat	204

Portfolio Analysis 09-30-2020

Asset Allocation %	Net %	Long %	Short %	Share Chg since 08-2020	Share Amount	Holdings :	Net Assets %
Cash	-0.54	10.24	10.78			5 Total Stocks, 818 Total Fixed-Income, 247% Turnover Ratio	
US Stocks	-0.01	0.01	0.02			156 Ultra 10 Year US Treasury Note Fut	-6.89
Non-US Stocks	0.00	0.00	0.00			138 Euro Bobl Future Dec 20	6.04
Bonds	99.59	116.31	16.72	✱	132	10 Year Treasury Note Future Dec 20	-4.82
Other/Not Clsfd	0.96	0.96	0.00	⊕	17 mil	Euro Schatz Future Dec 20	4.80
Total	100.00	127.53	27.53	⊕	17 mil	Goldman Sachs FS Government Instl	4.57
Equity Style							
Value Blend Growth							
Large Mid Small							
P/E Ratio TTM	—	—	—	✱	119	5 Year Treasury Note Future Dec 20	-4.14
P/C Ratio TTM	—	—	—	✱	13 mil	US Treasury Note 0.25%	3.63
P/B Ratio TTM	—	—	—	✱	63	Euro OAT Future Dec 20	3.44
Geo Avg Mkt Cap \$mil	—	—	—	⊖	65 mil	China (People's Republic Of) 3.25%	2.67
Fixed-Income Style							
Ltd Mod Ext							
High Mid Low							
Avg Eff Maturity			8.54	✱	8 mil	United States Treasury Notes 1.12%	2.34
Avg Eff Duration			7.36	✱	42	Federal National Mortgage Associat	2.31
Avg Wtd Coupon			3.80	✱	5	Long-Term Euro BTP Future Dec 20	2.01
Avg Wtd Price			—	⊕	32	SGX 10 Year Mini Japanese Governme	1.99
				✱	26	2 Year Treasury Note Future Dec 20	1.95
						Euro Buxl Future Dec 20	1.87

Sector Weightings

	Stocks %	Rel Std Index
Cyclical	—	—
Basic Materials	—	—
Consumer Cyclical	—	—
Financial Services	—	—
Real Estate	—	—
Sensitive	—	—
Communication Services	—	—
Energy	—	—
Industrials	—	—
Technology	—	—
Defensive	—	—
Consumer Defensive	—	—
Healthcare	—	—
Utilities	—	—

Credit Quality Breakdown 09-30-2020

	Bond %
AAA	20.79
AA	4.41
A	22.83
BBB	31.46
BB	8.37
B	9.32
Below B	2.81
NR	0.00

Regional Exposure

	Stocks %	Rel Std Index
Americas	100.0	—
Greater Europe	0.0	—
Greater Asia	0.0	—

Templeton Global Bond A (USD)

Morningstar Analyst Rating™
Silver
09-28-2020

Overall Morningstar Rating™
★★
264 US Fund Nontraditional Bond

Standard Index
BBgBarc US Agg Bond TR USD

Category Index
ICE BofA USD 3M Dep OR CM TR USD

Morningstar Cat
US Fund Nontraditional Bond

Performance 10-31-2020

Quarterly Returns	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total %
2018	1.38	-2.62	0.92	1.64	1.27
2019	1.91	0.70	-3.38	1.49	0.63
2020	-4.56	0.13	-0.76	—	-4.93
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	-6.88	-2.72	0.05	1.44	6.49
Std 09-30-2020	-7.35	—	0.68	1.41	6.50
Total Return	-3.26	-1.47	0.82	1.83	6.61
+/- Std Index	-9.44	-6.53	-3.26	-1.72	—
+/- Cat Index	-4.63	-3.44	-0.68	0.93	—
% Rank Cat	85	92	91	78	
No. in Cat	314	264	236	85	

	Subsidized	Unsubsidized
7-day Yield	—	—
30-day SEC Yield 09-30-20	1.51 ¹	3.16

1. Contractual waiver; Expires 04-30-2021

Performance Disclosure

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-342-5236 or visit www.franklintempleton.com.

Fees and Expenses

Sales Charges

Front-End Load %	3.75
Deferred Load %	NA

Fund Expenses

Management Fees %	0.48
12b1 Expense %	0.25
Net Expense Ratio %	0.92
Gross Expense Ratio %	0.99

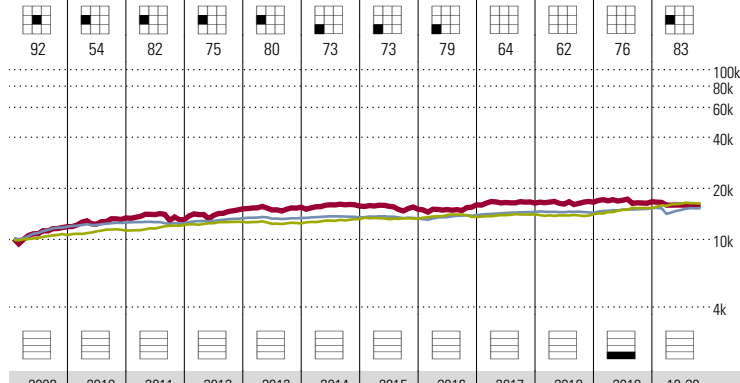
Risk and Return Profile

	3 Yr	5 Yr	10 Yr
Morningstar Rating™	2★	2★	2★
Morningstar Risk	Avg	Avg	+Avg
Morningstar Return	Low	Low	-Avg
Standard Deviation	6.20	6.39	7.19
Mean	-1.47	0.82	1.83
Sharpe Ratio	-0.46	-0.02	0.20

MPT Statistics	Standard Index	Best Fit Index MSCI EM Latin America NR USD
Alpha	-0.31	-1.80
Beta	-0.74	0.13
R-Squared	16.49	43.37
12-Month Yield		5.32%
Potential Cap Gains Exp		-16.29%

Operations

Family:	Franklin Templeton Investments
Manager:	Multiple
Tenure:	18.9 Years
Objective:	Worldwide Bond
Base Currency:	USD



Investment Style
Fixed-Income Bond %

Growth of \$10,000

Templeton Global Bond A	15,858
Category Average	15,273
Standard Index	16,268

Performance Quartile
(within category)

History

NAV/Price	9.82
Total Return %	-4.93
+/- Standard Index	-11.24
+/- Category Index	-5.98
% Rank Cat	95
No. of Funds in Cat	316

Portfolio Analysis 09-30-2020

Asset Allocation %	Net %	Long %	Short %	Share Chg since 08-2020	Share Amount	Holdings : 0 Total Stocks , 113 Total Fixed-Income, 33% Turnover Ratio	Net Assets %
Cash	16.38	16.38	0.00			United States Treasury Notes 1.75%	13.19
US Stocks	0.00	0.00	0.00		2,167 mil	Franklin IFT Money Market	11.23
Non-US Stocks	0.00	0.00	0.00		1,964 mil	Mexico (United Mexican States) 6.7	7.45
Bonds	83.59	83.65	0.05	⊕	274 mil	Japan (Govt Of) 0%	4.38
Other/Not Clsfd	0.03	1.06	1.04	⊗	80,825 mil	Brazil (Federative Republic) 9.61%	3.37
Total	100.00	101.09	1.09	⊖	3 mil	The Republic of Korea 1.38%	2.89
					592,858 mil	Indonesia (Republic of) 9.5%	2.86
					6,667,220 mil	United States Treasury Notes 2.62%	2.68
					419 mil	Mexico (United Mexican States) 8%	2.41
					85 mil	Indonesia (Republic of) 8.25%	2.38
					5,990,194 mil	Mexico (United Mexican States) 6.5%	2.19
					82 mil	United States Treasury Notes 2.12%	2.13
					343 mil	Mexico (United Mexican States) 6.5%	2.08
					79 mil	Norway (Kingdom Of) 3%	1.96
					2,921 mil	The Republic of Korea 1.38%	1.92
					385,853 mil		

Credit Quality Breakdown 09-30-2020

	Bond %
AAA	38.55
AA	7.74
A	12.57
BBB	30.07
BB	5.03
B	2.70
Below B	3.33
NR	0.00

Regional Exposure

	Stocks %	Rel Std Index
Americas	—	—
Greater Europe	—	—
Greater Asia	—	—

Sector Weightings

	Stocks %	Rel Std Index
Cyclical	—	—
Basic Materials	—	—
Consumer Cyclical	—	—
Financial Services	—	—
Real Estate	—	—
Sensitive	—	—
Communication Services	—	—
Energy	—	—
Industrials	—	—
Technology	—	—
Defensive	—	—
Consumer Defensive	—	—
Healthcare	—	—
Utilities	—	—

Standardized and Tax Adjusted Returns Disclosure Statement

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end please visit <http://advisor.morningstar.com/familyinfo.asp>.

Standardized Returns assume reinvestment of dividends and capital gains. They depict performance without adjusting for the effects of taxation, but are adjusted to reflect sales charges and ongoing fund expenses.

If adjusted for taxation, the performance quoted would be significantly reduced. For variable annuities, additional expenses will be taken into account, including M&E risk charges, fund-level expenses such as management fees and operating fees, contract-level administration fees, and charges such as surrender, contract, and sales charges. The maximum redemption fee is the maximum amount a fund may charge if redeemed in a specific time period after the fund's purchase.

After-tax returns are calculated using the highest individual federal marginal income tax rates, and do not reflect the impact of state and local taxes. Actual after-tax returns depend on the investor's tax situation and may differ from those shown. The after-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements such as 401(k) plans or an IRA. After-tax returns exclude the effects of either the alternative minimum tax or phase-out of certain tax credits. Any taxes due are as of the time the distributions are made, and the taxable amount and tax character of each distribution are as specified by the fund on the dividend declaration date. Due to foreign tax credits or realized capital losses, after-tax returns may be greater than before-tax returns. After-tax returns for exchange-traded funds are based on net asset value.

Money Market Fund Disclosures

If money market fund(s) are included in the Standardized Returns table below, each money market fund's name will be followed by a superscripted letter that links it to the applicable disclosure below:

Institutional Money Market Funds (designated by an "S"):

You could lose money by investing in the fund. Because the share price of the fund will fluctuate, when you sell your shares they may be worth more or less than what you originally paid for them. The fund may impose a fee upon sale of your shares or may temporarily suspend your ability to sell shares if the fund's liquidity falls below required minimums because of market conditions or other factors. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time.

Government Money Market Funds that have chosen to rely on the ability to impose liquidity fees and suspend redemptions (designated by an "L") and

Retail Money Market Funds (designated by an "L"):

You could lose money by investing in the fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. The fund may impose a fee upon sale of your shares or may temporarily suspend your ability to sell shares if the fund's liquidity falls below required minimums because of market conditions or other factors. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time.

Government Money Market Funds that have chosen not to rely on the ability to impose liquidity fees and suspend redemptions (designated by an "N"):

You could lose money by investing in the fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time.

Annualized returns 09-30-2020

Standardized Returns (%)	7-day Yield Subsidized as of date	7-day Yield Unsubsidized as of date	1Yr	5Yr	10Yr	Since Inception	Inception Date	Max Front Load %	Max Back Load %	Net Exp Ratio %	Gross Exp Ratio %	Max Redemption %
BlackRock Strategic Global Bond Inv A	—	—	2.03	3.72	2.54	4.39	10-21-1994	4.00	NA	0.89 ¹	1.31	NA
Ivy Global Bond Y	—	—	6.14	4.96	2.95	3.32	04-04-2008	NA	NA	0.96 ²	1.23	NA
Templeton Global Bond A	—	—	-7.35	0.68	1.41	6.50	09-18-1986	3.75	NA	0.92 ³	0.99	NA
Voya Global Bond A	—	—	2.81	3.90	2.14	4.62	06-30-2006	2.50	NA	0.91 ⁴	1.08	NA
BBgBarc Global Aggregate TR USD			6.24	3.92	2.36	—	01-01-1990					
BBgBarc US Agg Bond TR USD			6.98	4.18	3.64	—	01-03-1980					
ICE BofA USD 3M Dep OR CM TR USD			1.57	1.50	0.90	—	12-30-1994					

©2020 Morningstar. All Rights Reserved. Unless otherwise provided in a separate agreement, you may use this report only in the country in which its original distributor is based. The information, data, analyses and opinions contained herein (1) include the confidential and proprietary information of Morningstar, (2) may include, or be derived from, account information provided by your financial professional which cannot be verified by Morningstar, (3) may not be copied or redistributed, (4) do not constitute investment advice offered by Morningstar, (5) are provided solely for informational purposes and therefore are not an offer to buy or sell a security, and (6) are not warranted to be correct, complete or accurate. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losses resulting from, or related to, this information, data, analyses or opinions or their use. Opinions expressed are as of the date written and are subject to change without notice. Investment research is produced and issued by subsidiaries of Morningstar, Inc. including, but not limited to, Morningstar Research Services LLC, registered with and governed by the U.S. Securities and Exchange Commission. This report is supplemental sales literature. If applicable it must be preceded or accompanied by a prospectus, or equivalent, and disclosure statement. Please see important disclosures at the end of this report.

Annualized returns 09-30-2020

Standardized Returns (%)	7-day Yield Subsidized as of date	7-day Yield Unsubsidized as of date	1Yr	5Yr	10Yr	Since Inception	Inception Date	Max Front Load %	Max Back Load %	Net Exp Ratio %	Gross Exp Ratio %	Max Redemption %
JPM EMBI Global Diversified TR USD			1.29	6.15	5.43	—	07-30-1999					
MSCI EAFE NR USD			0.49	5.26	4.62	—	03-31-1986					
MSCI EM Latin America NR USD			-29.36	2.06	-5.74	—	01-01-2001					
S&P 500 TR USD			15.15	14.15	13.74	—	01-30-1970					
USTREAS T-Bill Auction Ave 3 Mon			0.77	1.17	0.61	—	02-28-1941					

1. Contractual waiver; Expires 04-30-2021; Interest expense 0.10%

2. Contractual waiver; Expires 07-31-2020

3. Contractual waiver; Expires 04-30-2021

4. Contractual waiver; Expires 03-01-2021

Return after Tax (%)	On Distribution					On Distribution and Sales of Shares				
	1Yr	5Yr	10Yr	Since Inception	Inception Date	1Yr	5Yr	10Yr	Since Inception	
BlackRock Strategic Global Bond Inv A	1.36	2.74	1.45	2.22	10-21-1994	1.19	2.41	1.45	2.35	
Ivy Global Bond Y	5.24	3.92	1.71	2.13	04-04-2008	3.62	3.36	1.73	2.07	
Templeton Global Bond A	-9.27	-1.15	-0.60	4.05	09-18-1986	-4.32	-0.23	0.30	4.11	
Voya Global Bond A	0.95	2.13	0.45	2.83	06-30-2006	1.62	2.19	0.91	2.88	

Mutual Fund Detail Report

Disclosure Statement

The Mutual Fund Detail Report is supplemental sales literature, and therefore must be preceded or accompanied by the mutual fund's current prospectus or an equivalent statement. Please read this information carefully. In all cases, this disclosure statement should accompany the Mutual Fund Detail Report. Morningstar is not itself a FINRA-member firm.

All data presented is based on the most recent information available to Morningstar as of the release date and may or may not be an accurate reflection of current data for securities included in the fund's portfolio. There is no assurance that the data will remain the same.

Unless otherwise specified, the definition of "funds" used throughout this Disclosure Statement includes closed-end funds, exchange-traded funds, grantor trusts, index mutual funds, open-ended mutual funds, and unit investment trusts. It does not include exchange-traded notes or exchange-traded commodities.

Prior to 2016, Morningstar's methodology evaluated open-end mutual funds and exchange-traded funds as separate groups. Each group contained a subset of the current investments included in our current comparative analysis. In this report, historical data presented on a calendar-year basis and trailing periods ending at the most-recent month-end reflect the updated methodology.

Risk measures (such as alpha, beta, r-squared, standard deviation, mean, or Sharpe ratio) are calculated for securities or portfolios that have at least a three-year history.

Most Morningstar rankings do not include any adjustment for one-time sales charges, or loads. Morningstar does publish load-adjusted returns, and ranks such returns within a Morningstar Category in certain reports. The total returns for ETFs and fund share classes without one-time loads are equal to Morningstar's calculation of load-adjusted returns. Share classes that are subject to one-time loads relating to advice or sales commissions have their returns adjusted as part of the load-adjusted return calculation to reflect those loads.

Comparison of Fund Types

Funds, including closed-end funds, exchange-traded funds (ETFs), money market funds, open-end funds, and unit investment trusts (UITs), have many similarities, but also many important differences. In general, publically-offered funds are investment companies registered with the Securities and Exchange Commission under the Investment Company Act of 1940, as amended. Funds pool money from their investors and manage it according to an investment strategy or objective, which can vary greatly from fund to fund. Funds have the ability to offer diversification and professional management, but also involve risk, including the loss of principal.

A closed-end fund is an investment company, which typically makes one public offering of a fixed number of shares. Thereafter, shares are traded on a secondary market. As a result, the secondary market price may be higher or lower than the closed-end fund's net asset value (NAV). If these shares trade at a price above their NAV, they are said to be trading at a premium. Conversely, if they are trading at a price below their NAV, they are said to be trading at a discount. A closed-end mutual fund's expense ratio is an annual fee charged to a shareholder. It includes operating expenses and management fees, but does not take into account any brokerage costs. Closed-end funds may also have 12b-1 fees. Income distributions and capital gains of the closed-end fund are subject

to income tax, if held in a taxable account.

An ETF is an investment company that typically has an investment objective of striving to achieve a similar return as a particular market index. The ETF will invest in either all or a representative sample of the securities included in the index it is seeking to imitate. Like closed-end funds, an ETF can be traded on a secondary market and thus have a market price that may be higher or lower than its net asset value. If these shares trade at a price above their NAV, they are said to be trading at a premium. Conversely, if they are trading at a price below their NAV, they are said to be trading at a discount. ETFs are not actively managed, so their value may be affected by a general decline in the U.S. market segments relating to their underlying indexes. Similarly, an imperfect match between an ETF's holdings and those of its underlying index may cause its performance to vary from that of its underlying index. The expense ratio of an ETF is an annual fee charged to a shareholder. It includes operating expenses and management fees, but does not take into account any brokerage costs. ETFs do not have 12b-1 fees or sales loads. Capital gains from funds held in a taxable account are subject to income tax. In many, but not all cases, ETFs are generally considered to be more tax-efficient when compared to similarly invested mutual funds.

Holding company depository receipts (HOLDRs) are similar to ETFs, but they focus on narrow industry groups. HOLDRs initially own 20 stocks, which are unmanaged, and can become more concentrated due to mergers, or the disparate performance of their holdings. HOLDRs can only be bought in 100-share increments. Investors may exchange shares of a HOLDR for its underlying stocks at any time.

A money-market fund is an investment company that invests in commercial paper, banker's acceptances, repurchase agreements, government securities, certificates of deposit and other highly liquid securities, and pays money market rates of interest. Money markets are not FDIC-insured, may lose money, and are not guaranteed by a bank or other financial institution.

An open-end fund is an investment company that issues shares on a continuous basis. Shares can be purchased from the open-end mutual fund itself, or through an intermediary, but cannot be traded on a secondary market, such as the New York Stock Exchange. Investors pay the open-end mutual fund's current net asset value plus any initial sales loads. Net asset value is calculated daily, at the close of business. Open-end mutual fund shares can be redeemed, or sold back to the fund or intermediary, at their current net asset value minus any deferred sales loads or redemption fees. The expense ratio for an open-end mutual fund is an annual fee charged to a shareholder. It includes operating expenses and management fees, but does not take into account any brokerage costs. Open-end funds may also have 12b-1 fees. Income distributions and capital gains of the open-end fund are subject to income tax, if held in a taxable account.

A unit investment trust (UIT) is an investment company organized under a trust agreement between a sponsor and trustee. UITs typically purchase a fixed portfolio of securities and then sell units in the trust to investors. The major difference between a UIT and a mutual fund is that a mutual fund is actively managed, while a UIT is not. On a periodic basis, UITs usually distribute to the unit holder their pro rata share of the trust's net investment income and net realized capital gains, if any. If the trust is one that invests only in tax-free securities, then the income from the trust is also tax-free. UITs generally make one public offering of a fixed number of units. However, in some cases, the sponsor will maintain a secondary market that allows existing unit holders to sell their units and for new investors to buy units. A one-time initial sales charge is deducted from an investment made into the trust. UIT investors may also pay creation and development fees, organization costs, and/or trustee and operation expenses. UIT units may be redeemed by the sponsor at their net

asset value minus a deferred sales charge, and sold to other investors. UITs have set termination dates, at which point the underlying securities are sold and the sales proceeds are paid to the investor. Typically, a UIT investment is rolled over into successive trusts as part of a long-term strategy. A rollover fee may be charged for the exercise of rollover purchases. There are tax consequences associated with rolling over an investment from one trust to the next.

Performance

The performance data given represents past performance and should not be considered indicative of future results. Principal value and investment return will fluctuate, so that an investor's shares, when sold, may be worth more or less than the original investment. Fund portfolio statistics change over time. Funds are not FDIC-insured, may lose value, and are not guaranteed by a bank or other financial institution.

Morningstar calculates after-tax returns using the highest applicable federal marginal income tax rate plus the investment income tax and Medicare surcharge. As of 2018, this rate is 37% plus 3.8% investment income plus 0.9% Medicare surcharge, or 41.7%. This rate changes periodically in accordance with changes in federal law.

Pre-Inception Returns

The analysis in this report may be based, in part, on adjusted historical returns for periods prior to the inception of the share class of the fund shown in this report ("Report Share Class"). If pre-inception returns are shown, a performance stream consisting of the Report Share Class and older share class(es) is created. Morningstar adjusts pre-inception returns downward to reflect higher expenses in the Report Share Class, we do not hypothetically adjust returns upwards for lower expenses. For more information regarding calculation of pre-inception returns please see the Morningstar Extended Performance Methodology.

When pre-inception data is presented in the report, the header at the top of the report will indicate this. In addition, the pre-inception data included in the report will appear in italics.

While the inclusion of pre-inception data provides valuable insight into the probable long-term behavior of newer share classes of a fund, investors should be aware that an adjusted historical return can only provide an approximation of that behavior. For example, the fee structures of a retail share class will vary from that of an institutional share class, as retail shares tend to have higher operating expenses and sales charges. These adjusted historical returns are not actual returns. The underlying investments in the share classes used to calculate the pre-performance string will likely vary from the underlying investments held in the fund after inception. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

12b1 Expense %

A 12b-1 fee is a fee used to pay for a mutual fund's distribution costs. It is often used as a commission to brokers for selling the fund. The amount of the fee is taken from a fund's returns.

Alpha

Alpha is a measure of the difference between a security or portfolio's actual returns and its expected performance, given its level of risk (as measured by beta.) Alpha is often seen as a measure of the value added or subtracted by a portfolio manager.

Asset Allocation

Asset Allocation reflects asset class weightings of the portfolio. The "Other"

category includes security types that are not neatly classified in the other asset classes, such as convertible bonds and preferred stocks, or cannot be classified by Morningstar as a result of missing data. Morningstar may display asset allocation data in several ways, including tables or pie charts. In addition, Morningstar may compare the asset class breakdown of the fund against its three-year average, category average, and/or index proxy.

Asset allocations shown in tables may include a breakdown among the long, short, and net (long positions net of short) positions. These statistics summarize what the fund's managers are buying and how they are positioning the fund's portfolio. When short positions are captured in these portfolio statistics, investors get a more robust description of the fund's exposure and risk. Long positions involve buying the security outright and selling it later, with the hope the security's price rises over time. Short positions are taken with the hope of benefitting from anticipated price declines. The investor borrows the security from another investor, sells it and receives cash, and then is obligated to buy it back at some point in the future. If the price falls after the short sale, the investor will have sold high and can buy low to close the short position and lock in a profit. However, if the price of the security increases after the short sale, the investor will experience a loss buying it at a higher price than the sale price.

Most fund portfolios hold fairly conventional securities, such as long positions in equities and bonds. Morningstar may generate a colored pie chart for these portfolios. Other portfolios use other investment strategies or securities, such as short positions or derivatives, in an attempt to reduce transaction costs, enhance returns, or reduce risk. Some of these securities and strategies behave like conventional securities, while others have unique return and risk characteristics. Portfolios that incorporate investment strategies resulting in short positions or portfolio with relatively exotic derivative positions often report data to Morningstar that does not meet the parameters of the calculation underlying a pie chart's generation. Because of the nature of how these securities are reported to Morningstar, we may not always get complete portfolio information to report asset allocation. Morningstar, at its discretion, may determine if unidentified characteristics of fund holdings are material. Asset allocation and other breakdowns may be rescaled accordingly so that percentages total to 100 percent. (Morningstar used discretion to determine if unidentified characteristics of fund holdings are material, pie charts and other breakdowns may rescale identified characteristics to 100% for more intuitive presentation.)

Note that all other portfolio statistics presented in this report are based on the long (or long rescaled) holdings of the fund only.

Average Effective Duration

Duration is a time measure of a bond's interest-rate sensitivity. Average effective duration is a weighted average of the duration of the fixed-income securities within a portfolio.

Average Effective Maturity

Average Effective Maturity is a weighted average of the maturities of all bonds in a portfolio.

Average Weighted Coupon

A coupon is the fixed annual percentage paid out on a bond. The average weighted coupon is the asset-weighted coupon of each bond in the portfolio.

Average Weighted Price

Average Weighted Price is the asset-weighted price of bonds held in a portfolio, expressed as a percentage of par (face) value. This number reveals if the portfolio favors bonds selling at prices above or below par value (premium or discount securities respectively.)

Best Fit Index

Alpha, beta, and R-squared statistics are presented for a broad market index and a “best fit” index. The Best Fit Index identified in this report was determined by Morningstar by calculating R-squared for the fund against approximately 100 indexes tracked by Morningstar. The index representing the highest R-squared is identified as the best fit index. The best fit index may not be the fund’s benchmark, nor does it necessarily contain the types of securities that may be held by the fund or portfolio.

Beta

Beta is a measure of a security or portfolio’s sensitivity to market movements (proxied using an index.) A beta of greater than 1 indicates more volatility than the market, and a beta of less than 1 indicates less volatility than the market.

Credit Quality Breakdown

Credit Quality breakdowns are shown for corporate-bond holdings in the fund’s portfolio and depict the quality of bonds in the underlying portfolio. It shows the percentage of fixed-income securities that fall within each credit-quality rating as assigned by a Nationally Recognized Statistical Rating Organization (NRSRO). Bonds not rated by an NRSRO are included in the Other/Not-Classified category.

Deferred Load %

The back-end sales charge or deferred load is imposed when an investor redeems shares of a fund. The percentage of the load charged generally declines the longer the fund’s shares are held by the investor. This charge, coupled with 12b-1 fees, commonly serves as an alternative to a traditional front-end load.

Expense Ratio %

The expense ratio is the annual fee that all funds charge their shareholders. It expresses the percentage of assets deducted each fiscal year for fund expenses, including 12b-1 fees, management fees, administrative fees, operating costs, and all other asset-based costs incurred by the fund. Portfolio transaction fees, or brokerage costs, as well as front-end or deferred sales charges are not included in the expense ratio. The expense ratio, which is deducted from the fund’s average net assets, is accrued on a daily basis. The gross expense ratio, in contrast to the net expense ratio, does not reflect any fee waivers in effect during the time period.

Front-end Load %

The initial sales charge or front-end load is a deduction made from each investment in the fund and is generally based on the amount of the investment.

Geometric Average Market Capitalization

Geometric Average Market Capitalization is a measure of the size of the companies in which a portfolio invests.

Growth of 10,000

For funds, this graph compares the growth of an investment of 10,000 (in the base currency of the fund) with that of an index and/or with that of the average for all funds in its Morningstar Category. The total returns are not adjusted to reflect sales charges or the effects of taxation but are adjusted to reflect actual ongoing fund expenses, and they assume reinvestment of dividends and capital gains. If adjusted, effects of sales charges and taxation would reduce the performance quoted. If pre-inception data is included in the analysis, it will be graphed.

The index in the Growth of 10,000 graph is an unmanaged portfolio of specified securities and cannot be invested in directly. The index does not reflect any initial or ongoing expenses. A fund’s portfolio may differ significantly from the securities in the index. The index is chosen by Morningstar.

Management Fees %

The management fee includes the management and administrative fees listed in the Management Fees section of a fund’s prospectus. Typically, these fees represent the costs shareholders paid for management and administrative services over the fund’s prior fiscal year.

Maximum Redemption Fee %

The Maximum Redemption Fee is the maximum amount a fund may charge if redeemed in a specific time period after the fund’s purchase (for example, 30, 180, or 365 days).

Mean

Mean is the annualized geometric return for the period shown.

Morningstar Analyst Rating™

Effective October 31, 2019, Morningstar updated its Morningstar Analyst Rating™ methodology. For any Morningstar Analyst Rating published on or prior to October 31, 2019, the following disclosure applies:

The Morningstar Analyst Rating™ is not a credit or risk rating. It is a subjective evaluation performed by Morningstar’s manager research group, which consists of various Morningstar, Inc. subsidiaries (“Manager Research Group”). In the United States, that subsidiary is Morningstar Research Services LLC, which is registered with and governed by the U.S. Securities and Exchange Commission. The Manager Research Group evaluates funds based on five key pillars, which are process, performance, people, parent, and price. The Manager Research Group uses this five pillar evaluation to determine how they believe funds are likely to perform relative to a benchmark, or in the case of exchange-traded funds and index mutual funds, a relevant peer group, over the long term on a risk-adjusted basis. They consider quantitative and qualitative factors in their research, and the weight of each pillar may vary. The Analyst Rating scale is Gold, Silver, Bronze, Neutral, and Negative. A Morningstar Analyst Rating of Gold, Silver, or Bronze reflects the Manager Research Group’s conviction in a fund’s prospects for outperformance. Analyst Ratings ultimately reflect the Manager Research Group’s overall assessment, are overseen by an Analyst Rating Committee, and are continuously monitored and reevaluated at least every 14 months. For more detailed information about Morningstar’s Analyst Rating, including its methodology, please go to global.morningstar.com/managerdisclosures/.

The Morningstar Analyst Rating (i) should not be used as the sole basis in evaluating a fund, (ii) involves unknown risks and uncertainties which may cause the Manager Research Group’s expectations not to occur or to differ significantly from what they expected, and (iii) should not be considered an offer or solicitation to buy or sell the fund.

For any Morningstar Analyst Rating published after October 31, 2019, the following disclosure applies:

The Morningstar Analyst Rating™ is not a credit or risk rating. It is a subjective evaluation performed by Morningstar’s manager research group, which consists of various Morningstar, Inc. subsidiaries (“Manager Research Group”). In the United States, that subsidiary is Morningstar Research Services LLC, which is registered with and governed by the U.S. Securities and Exchange Commission. The Manager Research Group evaluates funds based on five key pillars, which are process, performance, people, parent, and price. The Manager Research Group uses this five-pillar evaluation to determine how they believe funds are likely to perform relative to a benchmark over the long term on a risk adjusted basis. They consider quantitative and qualitative factors in their research. For actively managed strategies, people and process each receive a 45% weighting in their analysis, while parent receives a 10% weighting. For passive strategies, process receives an 80% weighting, while people and parent each receive a

10% weighting. For both active and passive strategies, performance has no explicit weight as it is incorporated into the analysis of people and process; price at the share-class level (where applicable) is directly subtracted from an expected gross alpha estimate derived from the analysis of the other pillars. The impact of the weighted pillar scores for people, process and parent on the final Analyst Rating is further modified by a measure of the dispersion of historical alphas among relevant peers. For certain peer groups where standard benchmarking is not applicable, primarily peer groups of funds using alternative investment strategies, the modification by alpha dispersion is not used.

For active funds, a Morningstar Analyst Rating of Gold, Silver, or Bronze reflects the Manager Research Group's expectation that an active fund will be able to deliver positive alpha net of fees relative to the standard benchmark index assigned to the Morningstar category. The level of the rating relates to the level of expected positive net alpha relative to Morningstar category peers for active funds. For passive funds, a Morningstar Analyst Rating of Gold, Silver, or Bronze reflects the Manager Research Group's expectation that a fund will be able to deliver a higher alpha net of fees than the lesser of the relevant Morningstar category median or 0. The level of the rating relates to the level of expected net alpha relative to Morningstar category peers for passive funds. For certain peer groups where standard benchmarking is not applicable, primarily peer groups of funds using alternative investment strategies, a Morningstar Analyst Rating of Gold, Silver, or Bronze reflects the Manager Research Group's expectation that a fund will deliver a weighted pillar score above a predetermined threshold within its peer group. Analyst Ratings ultimately reflect the Manager Research Group's overall assessment, are overseen by an Analyst Rating Committee, and are continuously monitored and reevaluated at least every 14 months.

For more detailed information about Morningstar's Analyst Rating, including its methodology, please go to <https://shareholders.morningstar.com/investor-relations/governance/Compliance--Disclosure/default.aspx>

The Morningstar Analyst Rating (i) should not be used as the sole basis in evaluating a fund, (ii) involves unknown risks and uncertainties which may cause the Manager Research Group's expectations not to occur or to differ significantly from what they expected, and (iii) should not be considered an offer or solicitation to buy or sell the fund.

Morningstar Quantitative Rating™

Morningstar's quantitative fund ratings consist of: (i) Morningstar Quantitative Rating (overall score), (ii) Quantitative Parent pillar, (iii) Quantitative People pillar, and (iv) Quantitative Process pillar (collectively the "Quantitative Fund Ratings"). The Quantitative Fund Ratings are calculated monthly and derived from the analyst-driven ratings of a fund's peers as determined by statistical algorithms. Morningstar, Inc. calculates Quantitative Fund Ratings for funds when an analyst rating does not exist as part of its qualitative coverage.

- **Morningstar Quantitative Rating:** Intended to be comparable to Morningstar's Analyst Ratings for open-end funds and ETFs, which is the summary expression of Morningstar's forward-looking analysis of a fund. The Morningstar Analyst Rating is based on the analyst's conviction in the fund's ability to outperform its peer group and/or relevant benchmark on a risk-adjusted basis over a full market cycle of at least 5 years. Ratings are assigned on a five-tier scale with three positive ratings of Gold, Silver, and Bronze, a Neutral rating, and a Negative rating. Morningstar calculates the Morningstar Quantitative Rating using a statistical model derived from the Morningstar Analyst Rating our fund analysts assign to open-end funds and ETFs. Please go to <https://shareholders.morningstar.com/investor-relations/governance/Compliance--Disclosure/default.aspx> for information about Morningstar Analyst Rating Morningstar's fund analysts assign to funds.

- **Quantitative Parent pillar:** Intended to be comparable to

Morningstar's Parent pillar scores, which provides Morningstar's analyst opinion on the stewardship quality of a firm. Morningstar calculates the Quantitative Parent pillar using an algorithm designed to predict the Parent Pillar score our fund analysts would assign to the fund. The quantitative pillar rating is expressed in both a rating and a numerical value as High (5), Above Average (4), Average (3), Below Average (2), Low (1).

- **Quantitative People pillar:** Morningstar's People pillar scores, which provides Morningstar's analyst opinion on the fund manager's talent, tenure, and resources. Morningstar calculates the Quantitative People pillar using an algorithm designed to predict the People pillar score our fund analysts would assign to the fund. The quantitative pillar rating is expressed in both a rating and a numerical value as High (5), Above Average (4), Average (3), Below Average (2), Low (1).

- **Quantitative Process Pillar:** Intended to be comparable to Morningstar's Process pillar scores, which provides Morningstar's analyst opinion on the fund's strategy and whether the management has a competitive advantage enabling it to execute the process and consistently over time. Morningstar calculates the Quantitative Process pillar using an algorithm designed to predict the Process pillar score our fund analysts would assign to the fund. The quantitative pillar rating is expressed in both a rating and a numerical value as High (5), Above Average (4), Average (3), Below Average (2), and Low (1).

Morningstar Quantitative Ratings **have not been made available** to the issuer of the security prior to publication.

Risk Warning

The quantitative fund ratings are not statements of fact. Morningstar does not guarantee the completeness or accuracy of the assumptions or models used in determining the quantitative fund ratings. In addition, there is the risk that the return target will not be met due to such things as unforeseen changes in changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, and tax rate. For investments in foreign markets there are further risks, generally based on exchange rate changes or changes in political and social conditions. A change in the fundamental factors underlying the quantitative fund ratings can mean that the recommendation is subsequently no longer accurate.

For more information about Morningstar's quantitative methodology, please visit <https://shareholders.morningstar.com/investor-relations/governance/Compliance--Disclosure/default.aspx>

Morningstar Category

Morningstar Category is assigned by placing funds into peer groups based on their underlying holdings. The underlying securities in each portfolio are the primary factor in our analysis as the investment objective and investment strategy stated in a fund's prospectus may not be sufficiently detailed for our proprietary classification methodology. Funds are placed in a category based on their portfolio statistics and compositions over the past three years. Analysis of performance and other indicative facts are also considered. If the fund is new and has no portfolio history, Morningstar estimates where it will fall before giving it a permanent category assignment. Categories may be changed based on recent changes to the portfolio.

Morningstar Rank

Morningstar Rank is the total return percentile rank within each Morningstar Category. The highest (or most favorable) percentile rank is zero and the lowest (or least favorable) percentile rank is 100. Historical percentile ranks are based on a snapshot of a fund at the time of calculation.

Morningstar Rating™

The Morningstar Rating™ for funds, or "star rating", is calculated for 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 Morningstar Rating does not include any adjustment for sales loads. 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. For more information about the Morningstar Rating for funds, including its methodology, please go to global.morningstar.com/managerdisclosures

The Morningstar Return rates a fund's performance relative to other managed products in its Morningstar Category. It is an assessment of a product's excess return over a risk-free rate (the return of the 90-day Treasury Bill) in comparison with the products in its Morningstar category. In each Morningstar category, the top 10% of products earn a High Morningstar Return (High), the next 22.5% Above Average (+Avg), the middle 35% Average (Avg), the next 22.5% Below Average (-Avg), and the bottom 10% Low (Low). Morningstar Return is measured for up to three time periods (three, five, and 10 years). These separate measures are then weighted and averaged to produce an overall measure for the product. Products with less than three years of performance history are not rated.

Morningstar Risk

Morningstar Risk evaluates a fund's downside volatility relative to that of other products in its Morningstar Category. It is an assessment of the variations in monthly returns, with an emphasis on downside variations, in comparison with the products in its Morningstar category. In each Morningstar category, the 10% of products with the lowest measured risk are described as Low Risk (Low), the next 22.5% Below Average (-Avg), the middle 35% Average (Avg), the next 22.5% Above Average (+Avg), and the top 10% High (High). Morningstar Risk is measured for up to three time periods (three, five, and 10 years). These separate measures are then weighted and averaged to produce an overall measure for the product. Products with less than three years of performance history are not rated.

Morningstar Style Box™

The Morningstar Style Box™ reveals a fund's investment strategy as of the date noted on this report.

For equity funds, the vertical axis shows the market capitalization of the long stocks owned, and the horizontal axis shows the investment style (value, blend, or growth.) A darkened square in the style box indicates the weighted average style of the portfolio.

For fixed-income funds, the vertical axis shows the credit quality of the long bonds owned and the horizontal axis shows interest-rate sensitivity as measured by a bond's effective duration. Morningstar seeks credit rating information from fund companies on a periodic basis (for example, quarterly). In compiling credit rating information, Morningstar accepts credit ratings reported by fund companies that have been issued by all Nationally Recognized Statistical Rating Organizations. For a list of all NRSROs, please visit <http://www.sec.gov/divisions/marketreg/ratingagency.htm>. Additionally, Morningstar accepts foreign credit ratings from widely recognized or registered rating agencies. If two rating organizations/agencies have rated a security, fund companies are to report the lower rating; if three or more

organizations/agencies have rated a security, fund companies are to report the median rating; and in cases where there are more than two organization/agency ratings and a median rating does not exist, fund companies are to use the lower of the two middle ratings.

Please Note: Morningstar, Inc. is not an NRSRO nor does it issue a credit rating on the fund. NRSRO or rating agency ratings can change from time to time.

For credit quality, Morningstar combines the credit rating information provided by the fund companies with an average default rate calculation to come up with a weighted-average credit quality. The weighted-average credit quality is currently a letter that roughly corresponds to the scale used by a leading NRSRO. Bond funds are assigned a style box placement of "low," "medium," or "high" based on their average credit quality. Funds with a "low" credit quality are those whose weighted-average credit quality is determined to be less than "BBB-"; "medium" are those less than "AA-", but greater or equal to "BBB-"; and "high" are those with a weighted-average credit quality of "AA-" or higher. When classifying a bond portfolio, Morningstar first maps the NRSRO credit ratings of the underlying holdings to their respective default rates (as determined by Morningstar's analysis of actual historical default rates). Morningstar then averages these default rates to determine the average default rate for the entire bond fund. Finally, Morningstar maps this average default rate to its corresponding credit rating along a convex curve.

For interest-rate sensitivity, Morningstar obtains from fund companies the average effective duration. Generally, Morningstar classifies a fixed-income fund's interest-rate sensitivity based on the effective duration of the Morningstar Core Bond Index, which is currently three years. The classification of Limited will be assigned to those funds whose average effective duration is between 25% to 75% of MCBI's average effective duration; funds whose average effective duration is between 75% to 125% of the MCBI will be classified as Moderate; and those that are at 125% or greater of the average effective duration of the MCBI will be classified as Extensive.

For municipal-bond funds, Morningstar also obtains from fund companies the average effective duration. In these cases, static breakpoints are used. These breakpoints are as follows: (i) Limited: 4.5 years or less; (ii) Moderate: more than 4.5 years but less than 7 years; and (iii) Extensive: more than 7 years. In addition, for non-U.S. taxable and non-U.S. domiciled fixed-income funds, static duration breakpoints are used: (i) Limited: less than or equal to 3.5 years; (ii) Moderate: more than 3.5 years but less than or equal to 6 years; (iii) Extensive: more than 6 years.

Interest-rate sensitivity for non-U.S. domiciled funds (excluding funds in convertible categories) may be measured with modified duration when effective duration is not available.

P/B Ratio TTM

The Price/Book Ratio (or P/B Ratio) for a fund is the weighted average of the P/B Ratio of the stocks in its portfolio. Book value is the total assets of a company, less total liabilities. The P/B ratio of a company is calculated by dividing the market price of its outstanding stock by the company's book value, and then adjusting for the number of shares outstanding. Stocks with negative book values are excluded from this calculation. It shows approximately how much an investor is paying for a company's assets based on historical valuations.

P/C Ratio TTM

The Price/Cash Flow Ratio (or P/C Ratio) for a fund is the weighted average of the P/C Ratio of the stocks in its portfolio. The P/C Ratio of a stock represents the amount an investor is willing to pay for a dollar generated from a company's operations. It shows the ability of a company to generate cash and acts as a gauge of liquidity and solvency.

P/E Ratio TTM

The Price/Earnings Ratio (or P/E Ratio) for a fund is the weighted average of the P/E Ratios of the stocks in its portfolio. The P/E Ratio of a stock is the stock's current price divided by the company's trailing 12-month earnings per share. A high P/E Ratio usually indicates the market will pay more to obtain the company's earnings because it believes in the company's abilities to increase their earnings. A low P/E Ratio indicates the market has less confidence that the company's earnings will increase, however value investors may believe such stocks have an overlooked or undervalued potential for appreciation.

Percentile Rank in Category

Percentile Rank is a standardized way of ranking items within a peer group, in this case, funds within the same Morningstar Category. The observation with the largest numerical value is ranked zero the observation with the smallest numerical value is ranked 100. The remaining observations are placed equal distance from one another on the rating scale. Note that lower percentile ranks are generally more favorable for returns (high returns), while higher percentile ranks are generally more favorable for risk measures (low risk).

Performance Quartile

Performance Quartile reflects a fund's Morningstar Rank.

Potential Capital Gains Exposure

Potential Capital Gains Exposure is an estimate of the percent of a fund's assets that represent gains. It measures how much the fund's assets have appreciated, and it can be an indicator of possible future capital gains distributions. A positive potential capital gains exposure value means that the fund's holdings have generally increased in value while a negative value means that the fund has reported losses on its book.

Quarterly Returns

Quarterly Return is calculated applying the same methodology as Total Return except it represents return through each quarter-end.

R-Squared

R-squared is the percentage of a security or portfolio's return movements that are explained by movements in its benchmark index, showing the degree of correlation between the security or portfolio and the benchmark. This figure is helpful in assessing how likely it is that beta and alpha are statistically significant. A value of 1 indicates perfect correlation between the security or portfolio and its benchmark. The lower the R-squared value, the lower the correlation.

Regional Exposure

The regional exposure is a display of the portfolio's assets invested in the regions shown on the report.

Sector Weightings

Super Sectors represent Morningstar's broadest classification of equity sectors by assigning the 11 equity sectors into three classifications. The Cyclical Super Sector includes industries significantly impacted by economic shifts, and the stocks included in these sectors generally have betas greater than 1. The Defensive Super Sector generally includes industries that are relatively immune to economic cycles, and the stocks in these industries generally have betas less than 1. The Sensitive Super Sector includes industries that ebb and flow with the overall economy, but not severely so. Stocks in the Sensitive Super Sector generally have betas that are close to 1.

Share Change

Shares Change represents the number of shares of a stock bought or sold by a fund since the previously reported portfolio of the fund.

Sharpe Ratio

Sharpe Ratio uses standard deviation and excess return (a measure of a security or portfolio's return in excess of the U.S. Treasury three-month Treasury Bill) to determine the reward per unit of risk.

Standard Deviation

Standard deviation is a statistical measure of the volatility of the security or portfolio's returns. The larger the standard deviation, the greater the volatility of return.

Standardized Returns

Standardized Return applies the methodology described in the Standardized Returns page of this report. Standardized Return is calculated through the most recent calendar-quarter end for one-year, five-year, 10-year, and/or since-inception periods, and it demonstrates the impact of sales charges (if applicable) and ongoing fund expenses. Standardized Return reflects the return an investor may have experienced if the security was purchased at the beginning of the period and sold at the end, incurring transaction charges.

Total Return

Total Return, or "Non Load-Adjusted Return", reflects performance without adjusting for sales charges (if applicable) or the effects of taxation, but it is adjusted to reflect all actual ongoing security expenses and assumes reinvestment of dividends and capital gains. It is the return an investor would have experienced if the fund was held throughout the period. If adjusted for sales charges and the effects of taxation, the performance quoted would be significantly reduced.

Total Return +/- indicates how a fund has performed relative to its peers (as measure by its Standard Index and/or Morningstar Category Index) over the time periods shown.

Trailing Returns

Standardized Return applies the methodology described in the Standardized Returns page of this report. Standardized Return is calculated through the most recent calendar-quarter end for one-year, five-year, 10-year, and/or since-inception periods, and it demonstrates the impact of sales charges (if applicable) and ongoing fund expenses. Standardized Return reflects the return an investor may have experienced if the fund was purchased at the beginning of the period and sold at the end, incurring transaction charges.

Load-Adjusted Monthly Return is calculated applying the same methodology as Standardized Return, except that it represents return through month-end. As with Standardized Return, it reflects the impact of sales charges and ongoing fund expenses, but not taxation. If adjusted for the effects of taxation, the performance quoted would be significantly different.

Trailing Return +/- indicates how a fund has performed relative to its peers (as measure by its Standard Index and/or Morningstar Category Index) over the time periods shown.

Investment Risks

International/Emerging Market Equities: Investing in international securities involves special additional risks. These risks include, but are not limited to, currency risk, political risk, and risk associated with varying accounting standards. Investing in emerging markets may accentuate these risks.

Sector Strategies: Portfolios that invest exclusively in one sector or industry involve additional risks. The lack of industry diversification subjects the investor

to increased industry-specific risks.

Non-Diversified Strategies: Portfolios that invest a significant percentage of assets in a single issuer involve additional risks, including share price fluctuations, because of the increased concentration of investments.

Small Cap Equities: Portfolios that invest in stocks of small companies involve additional risks. Smaller companies typically have a higher risk of failure, and are not as well established as larger blue-chip companies. Historically, smaller-company stocks have experienced a greater degree of market volatility than the overall market average.

Mid Cap Equities: Portfolios that invest in companies with market capitalization below \$10 billion involve additional risks. The securities of these companies may be more volatile and less liquid than the securities of larger companies.

High-Yield Bonds: Portfolios that invest in lower-rated debt securities (commonly referred to as junk bonds) involve additional risks because of the lower credit quality of the securities in the portfolio. The investor should be aware of the possible higher level of volatility, and increased risk of default.

Tax-Free Municipal Bonds: The investor should note that the income from tax-free municipal bond funds may be subject to state and local taxation and the Alternative Minimum Tax.

Bonds: Bonds are subject to interest rate risk. As the prevailing level of bond interest rates rise, the value of bonds already held in a portfolio declines. Portfolios that hold bonds are subject to declines and increases in value due to general changes in interest rates.

HOLDERS: The investor should note that these are narrow industry-focused products that, if the industry is hit by hard times, will lack diversification and possible loss of investment would be likely. These securities can trade at a discount to market price, ownership is of a fractional share interest, the underlying investments may not be representative of the particular industry, the HOLDER might be delisted from the AMEX if the number of underlying companies drops below nine, and the investor may experience trading halts.

Hedge Funds: The investor should note that hedge fund investing involves specialized risks that are dependent upon the type of strategies undertaken by the manager. This can include distressed or event-driven strategies, long/short strategies, using arbitrage (exploiting price inefficiencies), international investing, and use of leverage, options and/or derivatives. Although the goal of hedge fund managers may be to reduce volatility and produce positive absolute return under a variety of market conditions, hedge funds may involve a high degree of risk and are suitable only for investors of substantial financial means who could bear the entire loss of their investment.

Bank Loan/Senior Debt: Bank loans and senior loans are impacted by the risks associated with fixed income in general, including interest rate risk and default risk. They are often non-investment grade; therefore, the risk of default is high. These securities are also relatively illiquid. Managed products that invest in bank loans/senior debt are often highly leveraged, producing a high risk of return volatility.

Exchange Traded Notes (ETNs): ETNs are unsecured debt obligations. Any repayment of notes is subject to the issuer's ability to repay its obligations. ETNs do not typically pay interest.

Leveraged ETFs: Leveraged investments are designed to meet multiples of the return performance of the index they track and seek to meet their fund objectives on a daily basis (or other time period stated within the prospectus

objective). The leverage/gearing ratio is the amount of excess return that a leveraged investment is designed to achieve in comparison to its index performance (i.e. 200%, 300%, -200%, or -300% or 2X, 3X, -2X, -3X). Compounding has the ability to affect the performance of the fund to be either greater or less than the index performance multiplied by the multiple stated within the funds objective over a stated time period.

Short Positions: When a short position moves in an unfavorable way, the losses are theoretically unlimited. The broker may demand more collateral and a manager might have to close out a short position at an inopportune time to limit further losses.

Long-Short: Due to the strategies used by long-short funds, which may include but are not limited to leverage, short selling, short-term trading, and investing in derivatives, these funds may have greater risk, volatility, and expenses than those focusing on traditional investment strategies.

Liquidity Risk: Closed-end fund, ETF, and HOLDER trading may be halted due to market conditions, impacting an investor's ability to sell a fund.

Market Price Risk: The market price of ETFs, HOLDERS, and closed-end funds traded on the secondary market is subject to the forces of supply and demand and thus independent of the NAV. This can result in the market price trading at a premium or discount to the NAV, which will affect an investor's value.

Market Risk: The market prices of ETFs and HOLDERS can fluctuate as a result of several factors, such as security-specific factors or general investor sentiment. Therefore, investors should be aware of the prospect of market fluctuations and the impact it may have on the market price.

Target-Date Funds: Target-date funds typically invest in other mutual funds and are designed for investors who are planning to retire during the target date year. The fund's target date is the approximate date when investors expect to begin withdrawing their money. A target-date fund's investment objective/strategy typically becomes more conservative over time, primarily by reducing its allocation to equity mutual funds and increasing its allocations in fixed-income mutual funds. An investor's principal value in a target-date fund is not guaranteed at any time, including at the fund's target date.

High double- and triple-digit returns: High double- and triple-digit returns were the result of extremely favorable market conditions, which may not continue to be the case. High returns for short time periods must not be a major factor when making investment decisions.

Benchmark Disclosure

BBgBarc Global Aggregate TR USD

The BarCap Global Aggregate Index is composed of the U.S. Aggregate Index, the Pan-European Index and the Japanese component of the Global Treasury Index. All issues must be fixed rate, nonconvertible and have at least one year remaining to maturity. Securities from countries classified as emerging markets are excluded. The index is weighted according to each country's market capitalization, except for Japan, which is weighted by the market capitalization of the 40 largest Japanese government bonds. The constituents displayed for this index are from the following proxy: iShares Global Bond Index.

BBgBarc US Agg Bond TR USD

This index is composed of the BarCap Government/Credit Index, the Mortgage-Backed Securities Index, and the Asset-Backed Securities Index. The returns we

publish for the index are total returns, which includes the daily reinvestment of dividends. The constituents displayed for this index are from the following proxy: iShares Core US Aggregate Bond ETF.

ICE BofA USD 3M Dep OR CM TR USD

The BofA Merrill Lynch USD LIBOR 3 Month Constant Maturity Index represents the London intrabank offered rate (LIBOR) with a constant 3-month average maturity. LIBOR is a composite of the rates of interest at which banks borrow from one another in the London market.

JPM EMBI Global Diversified TR USD

Description unavailable.

MSCI EAFE NR USD

This Europe, Australasia, and Far East index is a market-capitalization-weighted index of 21 non-U.S., industrialized country indexes.

This disclosure applies to all MSCI indices: Certain information included herein is derived by Morningstar in part from MSCI's Index Constituents (the "Index Data"). However, MSCI has not reviewed any information contained herein and does not endorse or express any opinion such information or analysis. MSCI does not make any express or implied warranties, representations or guarantees concerning the Index Data or any information or data derived therefrom, and in no event will MSCI have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) relating to any use of this information.

MSCI EM Latin America NR USD

Description unavailable. The constituents displayed for this index are from the following proxy: iShares MSCI EM Latin Amer ETF.

S&P 500 TR USD

A market capitalization-weighted index composed of the 500 most widely held stocks whose assets and/or revenues are based in the US; it's often used as a proxy for the U.S. stock market. TR (Total Return) indexes include daily reinvestment of dividends. The constituents displayed for this index are from the following proxy: SPDR® S&P 500 ETF Trust.

USTREAS T-Bill Auction Ave 3 Mon

Three-month T-bills are government-backed, short-term investments considered to be risk-free and as good as cash because the maturity is only three months. Morningstar collects yields on the T-bill on a weekly basis from the Wall Street Journal.