# Plan Cost Benchmarking

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# **Plan Cost Benchmarking**

Inv. Data as of 12/31/21. Holdings as of 12/31/21. Proposed Remove WWatch

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#### **STATE OF AFFAIRS**

0.64 %

4/100

**INVESTMENTS** TO WATCH/REMOVE **WEIGHTED AVERAGE NET EXP RATIO** 

**WEIGHTED AVERAGE** Fi360 FIDUCIARY SCORE® **IPS ALIGNMENT WARNINGS** 

# **ASSET ALLOCATION**



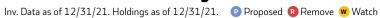
BROAD ASSET CLASS	# INVESTMENTS	\$ ASSETS	% OF TOTAL ASSETS
U.S. Equity	7	6,563,161	70.06
International Equity	2	56,420	0.60
Allocation	9	2,214,667	23.64
Taxable Bond	2	534,306	5.70
Stable Value	1	-	-
TOTAL	21	9,368,554	100

#### **INVESTMENTS TO WATCH**

The Fi360 Fiduciary Score® is a peer percentile ranking of an investment against a set of quantitative due diligence criteria selected to reflect prudent fiduciary management. All Scores are color coded based on the quartile they fall in (1st - Green; 2nd - Light Green; 3rd - Yellow; 4th - Red).

Otrs on watch includes the number of quarters the fund has been labeled with a status of Watch or Remove.

		Fi360	QTRS (	ON WATCH	\$ ASSET	's
INVESTMENTS NAME	PEER GROUP	SCORE® (PEERS)	IN A ROW	LAST 3 YEARS	THIS FUND	% OF TOTAL
American Funds 2020 Trgt Date Retire R6 W	Target-Date 2020	<b>0</b> (167)	2	2	5,766	0.06
American Funds 2040 Trgt Date Retire R6 W	Target-Date 2040	<b>0</b> (210)	2	2	84,663	0.90
American Funds 2045 Trgt Date Retire R6 W	Target-Date 2045	<b>0</b> (208)	2	3	89,648	0.96
American Funds 2050 Trgt Date Retire R6 W	Target-Date 2050	<b>0</b> (210)	2	2	410,880	4.39
American Funds 2055 Trgt Date Retire R6 W	Target-Date 2055	<b>0</b> (208)	2	2	8,446	0.09
American Funds 2060 Trgt Date Retire R6 W	Target-Date 2060	<b>9</b> (196)	2	2	8,448	0.09
Invesco American Value R W	Mid-Cap Value	<b>94</b> (406)	6	8	34,530	0.37



# STATE OF AFFAIRS

# **INVESTMENT CHANGES**

		Fi360	QTRS (	ON WATCH	\$ ASSET	ΓS
INVESTMENTS NAME	PEER GROUP	SCORE® (PEERS)	IN A ROW	LAST 3 YEARS	THIS FUND	% OF TOTAL
American Century Sustainable Equity I	Large Blend	<b>0</b> (1290)				
Invesco QQQ Trust <sup>D</sup>	Large Growth	<b>0</b> (1162)				
Ariel Fund Institutional P	Mid-Cap Value	<b>13</b> (406)				

## ANNUAL COST SUMMARY

\$ 9,368,554

250

\$60,172

64 BPS

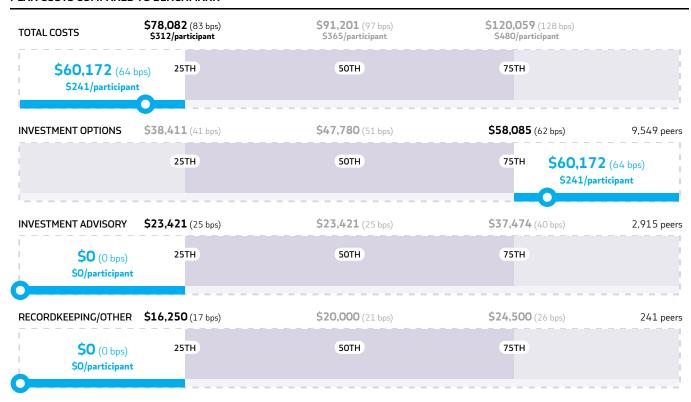
**TOTAL ASSETS** 

NUMBER OF PARTICIPANTS

**TOTAL COSTS** 

**TOTAL COSTS IN BASIS POINTS** 

#### PLAN COSTS COMPARED TO BENCHMARK

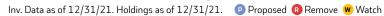


Fi360 separately evaluates the three core cost components of a plan (investment option fees, investment advisory fees and recordkeeping/other fees) and then adds these together to arrive at a total plan benchmark. To determine your peer group, Fi360 utilizes your plan assets for both investment option and investment advisory fees. For recordkeeping/other, Fi360 utilizes your plan assets and the number of participants as there is a direct correlation between the number of participants and cost within this service category in particular. The total plan benchmark is shown in the chart below and the underlying category details are shown in the following table including the 25th, 50th and 75th percentiles and the number of peers included in each of the category calculations. Fi360 always recommends that you review the specific services being provided, in addition to the costs, as plans are not created equal and the cheapest plan is not necessarily the best plan. Please reference the Statement of Additional Disclosures for more details. Benchmark statistics were last updated with 12/07/2021 data.

#### **PAYMENT SOURCE**









# ANNUAL COST BREAKDOWN

	PLAN PARTICIPANTS/CLIENT
Total Cost - In Dollars	\$ 60,172
Total Cost - In Basis Points	64 BPS
Average Cost Per Active Participant (250)	\$ 241

# **FUND / ASSET MANAGERS**

**INVESTMENT OPTIONS** 

	PLAN PARTICIPANTS/CLIENT
Total Investment Option Costs	60,345
Revenue Sharing	173
Effective Management Fee	\$ 60,172

#### **ANNUAL INVESTMENT OPTION COSTS**

\$ 60,345

0.64 %

\$173

\$60,172

TOTAL INVESTMENT **OPTION COSTS** 

**WEIGHTED AVG NET EXP RATIO** 

**TOTAL REVENUE SHARING** 

**TOTAL EFFECTIVE MGMT FEE** 

Each investment option is listed below. In many cases, especially in 401k plans, part of the expense ratio may be directed via 'revenue sharing' to other service providers such the advisor, recordkeeper or custodian. 12B-1 fees are commonly sent to the advisor while Sub-TA and Shareholder Service (SHR SVC) fees are commonly sent to the recordkeeper and/or custodian. Revenue sharing can be offset against other costs charged by a provider or additive to other costs they charge (see the Annual Cost Breakdown section for additional information). Fi360 calculates the MGMT FEE by subtracting any of these revenue sharing elements from the net expense ratio.

#### NET EXP RATIO \* \$ ASSETS = \$ COSTS

# **U.S. EQUITY**

	% NET	% NET EXPENSE RATIO COMPONENTS EXPENSE RATIO						
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET (RANK)	GROSS	\$ ASSETS	\$ COSTS
American Century Sustainable Equity I	-	-	-	0.59	0.59 (34)	0.59	-	-
Ariel Fund Institutional <sup>D</sup>	-	-	-	0.72	0.72 (22)	0.72	-	-
Baron Discovery R6	-	-	-	1.08	1.08 (46)	1.08	984,685	10,635
BlackRock Advantage Small Cap Core Instl	-	-	-	0.50	0.50 (18)	0.60	897,820	4,489
BlackRock Mid-Cap Growth Equity Instl	-	-	-	0.80	0.80 (26)	0.80	4,516,515	36,132
Fidelity® NASDAQ Composite Index®	-	-	-	0.29	0.29 (6)	0.35	68,484	199
Invesco American Value R W	0.50	-	-	0.93	1.43 (86)	1.43	34,530	494
Invesco QQQ Trust   O	-	-	-	0.20	0.20 (5)	0.20	-	-
TIAA-CREF Equity Index W	-	-	-	-	- (1)	0.05	27,692	-
Vanguard Total Stock Mkt ldx Instl Pls	-	-	-	0.02	0.02(3)	0.02	33,435	7

## INTERNATIONAL EQUITY

	% NET	% NET EXPENSE RATIO COMPONENTS				RATIO		
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET (RANK)	GROSS	\$ ASSETS	\$ COSTS
Baillie Gifford Global Alpha Equities 3	-	-	-	0.58	0.58 (8)	0.58	28,210	164
Vanguard Global Equity Inv	-	-	-	0.45	0.45 (11)	0.45	28,210	127



#### **ANNUAL INVESTMENT OPTION COSTS**

#### **ALLOCATION**

	% NET	% NET EXPENSE RATIO COMPONENTS				RATIO		
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET (RANK)	GROSS	\$ ASSETS	\$ COSTS
American Funds 2020 Trgt Date Retire R6 W	-	-	-	0.31	0.31 (17)	0.31	5,766	18
American Funds 2025 Trgt Date Retire R6	-	-	-	0.33	0.33 (15)	0.33	456,654	1,507
American Funds 2030 Trgt Date Retire R6	-	-	-	0.35	0.35 (16)	0.35	797,864	2,793
American Funds 2035 Trgt Date Retire R6	-	-	-	0.37	0.37 (18)	0.37	352,298	1,304
American Funds 2040 Trgt Date Retire R6 W	-	-	-	0.38	0.38 (18)	0.38	84,663	322
American Funds 2045 Trgt Date Retire R6 W	-	-	-	0.39	0.39 (19)	0.39	89,648	350
American Funds 2050 Trgt Date Retire R6 W	-	-	-	0.39	0.39 (18)	0.39	410,880	1,602
American Funds 2055 Trgt Date Retire R6 W	-	-	-	0.39	0.39 (19)	0.39	8,446	33
American Funds 2060 Trgt Date Retire R6 W	-	-	-	0.40	0.40 (20)	0.40	8,448	34

#### **TAXABLE BOND**

	% NET EXPENSE RATIO COMPONENTS				EXPENSE I	RATIO		
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET (RANK)	GROSS	\$ ASSETS	\$ COSTS
Fidelity® Series Investment Grade Bond	-	-	-	-	- (1)	-	493,756	-
Hartford Total Return Bond F	-	-	-	0.34	0.34(7)	0.34	40,550	138

# **STABLE VALUE**

	% NET	EXPENSE	XPENSE RATIO COMPONENTS EXPENSE RATIO					
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET (RANK)	GROSS	\$ ASSETS	\$ COSTS
Principal Stable Value Z	-	-	-	0.33	0.33 (-)	0.33	-	-

## TOTAL INVESTMENT OPTION COSTS TABLE

	% NET	EXPENSE	RATIO COM	IPONENTS	EXPENS	E RATIO		
NAME	12B-1	SUB-TA	SHR SVC	MGMT FEE	NET	GROSS	\$ ASSETS	\$ COSTS
In Dollars (\$)	173	-	-	60,172	60,345	61,297	9,368,554	60,345
In Basis Points (BPS)	-	-	-	64	64	65	-	64

# **FEE WAIVERS**

BlackRock Advantage Small Cap Core Inst! BlackRock has contractually agreed to waive the management fee with respect to any portion of the Fund's assets estimated to be attributable to investments in other equity and fixed-income mutual funds and exchange-traded funds managed by BlackRock or its affiliates that have a contractual management fee, through June 30, 2023. In addition, BlackRock has contractually agreed to waive its management fees by the amount of investment advisory fees the Fund pays to BlackRock indirectly through its investment in money market funds managed by BlackRock or its affiliates, through June 30, 2023. BlackRock has contractually agreed to waive and/or reimburse fees or expenses in order to limit Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements to 0.75% (for Investor A Shares), 1.50% (for Investor C Shares) and 0.50% (for Institutional Shares) of average daily net assets through June 30, 2023.

Fidelity® NASDAQ Composite Index® Fidelity Management & Research Company LLC (FMR) has contractually agreed to reimburse the fund to the extent that total operating expenses (excluding interest, certain taxes, fees and expenses of the Independent Trustees, proxy and shareholder meeting expenses, extraordinary expenses, and acquired fund fees and expenses, if any, as well as non-operating expenses such as brokerage



## ANNUAL INVESTMENT OPTION COSTS

commissions and fees and expenses associated with the fund's securities lending program, if applicable), as a percentage of its average net assets, exceed 0.29% (the Expense Cap). If at any time during the current fiscal year expenses for the fund fall below the Expense Cap. FMR reserves the right to recoup through the end of the fiscal year any expenses that were reimbursed during the current fiscal year up to, but not in excess of, the Expense Cap. This arrangement will remain in effect through March 31, 2022

TIAA-CREF Equity Index W Teachers Advisors, LLC has contractually agreed to waive and/or reimburse Class W's Management fees and Other expenses (excluding interest, taxes, brokerage commissions or other transactional expenses, Acquired fund fees and expenses, Trustee expenses and extraordinary expenses) in their entirety. Teachers Advisors, LLC expects these waiver and/or reimbursement arrangements to remain in effect indefinitely, unless changed or terminated with approval of the Board of Trustees.

