

# County of Cook, IL

## Deferred Compensation Plan

As of March 31, 2023



# Plan Summary

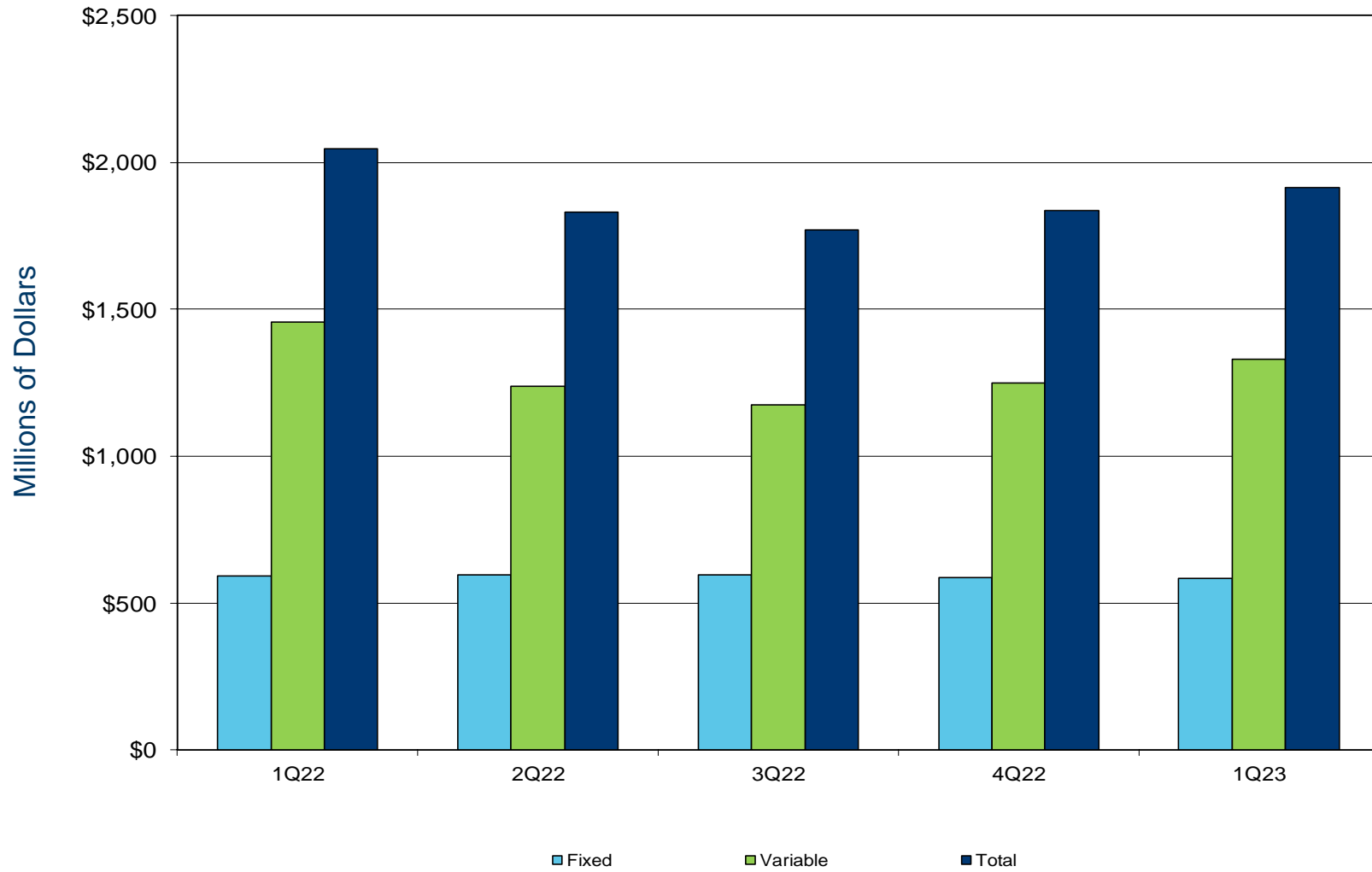
## Plan Summary

<b>Beginning Balance as of 1/1/2023</b>	<b>\$ 1,800,970,564</b>
Contributions	\$ 19,927,125
Transfers In	\$ 6,516,330
Loan Repayments	\$ 3,845,562
Dividends & Interest	\$ 4,026,300
Market Gain/(Loss)	\$ 81,372,557
Charges/Fees	\$ (596,431)
Distributions	\$ (15,149,687)
Transfers out	\$ (20,214,597)
Loan Disbursements	\$ (4,089,301)
<b>Balance on 3/31/23</b>	<b>\$ 1,876,608,421</b>
Schwab PCRA	\$ 6,854,110
Outstanding Loan Balance	\$ 29,686,473
<b>Ending Balance as of 3/31/2023</b>	<b>\$ 1,913,149,005</b>

\*As of March 31, 2023

# Plan Assets

# Asset Growth\*



\*As of March 31, 2023

## Assets by Investment Option\*

<u>Investment Option</u>	<u>Assets</u>	<u>% of Total</u>
<b>Asset Allocation</b>		
T. Rowe Price Retirement 2025 Fund (Investor Class)	\$ 99,641,009.52	5.21%
T. Rowe Price Retirement 2030 Fund (Investor Class)	\$ 94,325,987.73	4.93%
T. Rowe Price Retirement 2035 Fund (Investor Class)	\$ 90,730,963.96	4.74%
T. Rowe Price Retirement 2020 Fund (Investor Class)	\$ 78,198,408.90	4.09%
Vanguard LifeStrategy Growth Fund (Investor Shares)	\$ 56,083,157.50	2.93%
T. Rowe Price Retirement 2010 Fund (Investor Class)	\$ 54,653,892.45	2.86%
T. Rowe Price Retirement 2015 Fund (Investor Class)	\$ 48,652,910.84	2.54%
T. Rowe Price Retirement 2040 Fund (Investor Class)	\$ 46,346,337.39	2.42%
Vanguard LifeStrategy Moderate Growth Fund (Investor Shares)	\$ 45,910,452.38	2.40%
T. Rowe Price Retirement 2045 Fund (Investor Class)	\$ 22,208,767.23	1.16%
Vanguard LifeStrategy Conservative Growth Fund (Investor Shares)	\$ 17,562,304.70	0.92%
T. Rowe Price Retirement 2050 Fund (Investor Class)	\$ 12,339,024.58	0.64%
T. Rowe Price Retirement 2055 Fund (Investor Class)	\$ 4,729,911.16	0.25%
T. Rowe Price Retirement 2060 Fund (Investor Class)	\$ 366,536.84	0.02%
T. Rowe Price Retirement 2065 Fund (Investor Class)	\$ 43,597.79	0.00%
<b>Total</b>	<b>\$ 671,793,262.97</b>	<b>35.11%</b>

\*As of March 31, 2023

## Assets by Investment Option\*

<u>Investment Option</u>	<u>Assets</u>	<u>% of Total</u>
<b>International Stocks</b>		
EuroPacific Growth Fund (Class R5)	\$ 92,249,978.78	4.82%
Capital World Growth & Income Fund (Class R6)	\$ 63,840,327.41	3.34%
<b>Total</b>	<b>\$ 156,090,306.19</b>	<b>8.16%</b>
<b>Small-Cap Stocks</b>		
Vanguard(R) Explorer(TM) Fund - Admiral(TM) Shares	\$ 19,324,845.96	1.01%
<b>Mid-Cap Stocks</b>		
Ariel Fund - Institutional Class	\$ 15,697,057.44	0.82%
Vanguard(R) Extended Market Index Fund - Institutional Shares	\$ 622,093.98	0.03%
<b>Total</b>	<b>\$ 16,319,151.42</b>	<b>0.85%</b>
<b>Large-Cap Stocks</b>		
Vanguard Institutional Index Fund (Institutional Plus Shares)	\$ 290,752,819.24	15.20%

\*As of March 31, 2023

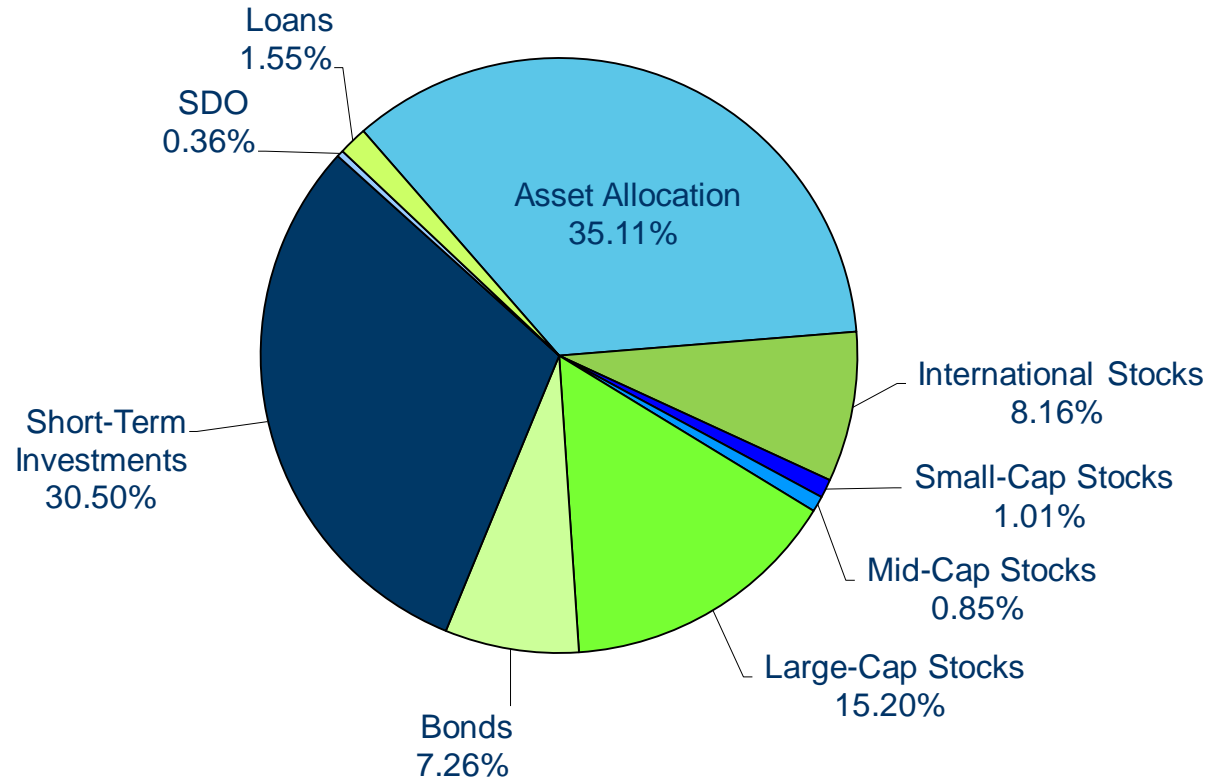
## Assets by Investment Option\*

<u>Investment Option</u>	<u>Assets</u>	<u>% of Total</u>
<b>Bonds</b>		
Dodge & Cox Income Fund	\$ 138,851,369.99	7.26%
<b>Short-Term Investments</b>		
Cook County Blended Fixed Option	\$ 583,476,665.66	30.50%
<b>Self-Directed Option</b>		
Schwab PCRA	\$ 6,854,110.46	0.36%
<b>Loans</b>		
Loan Outstanding Principal	\$ 29,686,472.82	1.55%
<b>Total:</b>	<b>\$ 1,913,149,004.71</b>	<b>100.00%</b>

\*As of March 31, 2023



# Assets by Investment Category\*

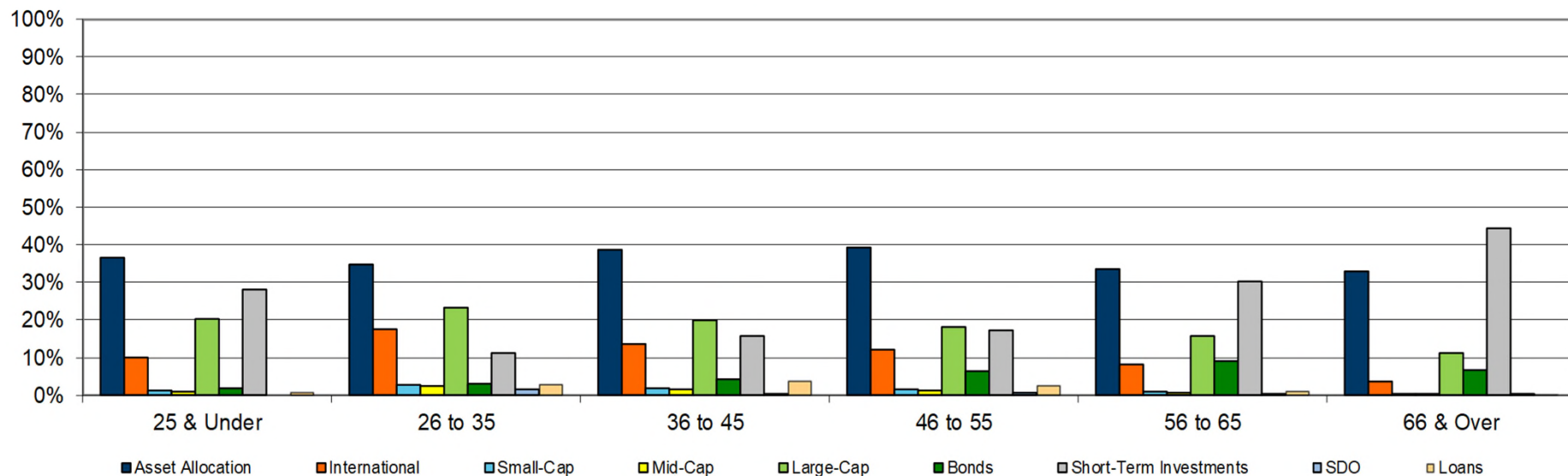


\*As of March 31, 2023

# Assets by Participant Age Group and Asset Class\*

Age Group	Asset Allocation	International	Small-Cap	Mid-Cap	Large-Cap	Bonds	Short-Term Investments	SDO	Loans	Total
25 & Under	\$135,362	\$37,484	\$4,657	\$3,992	\$74,732	\$6,507	\$103,840		\$3,648	\$370,222
26 to 35	\$7,869,213	\$3,954,125	\$627,849	\$537,764	\$5,268,477	\$711,113	\$2,566,544	\$358,302	\$714,679	\$22,608,066
36 to 45	\$52,257,647	\$18,511,272	\$2,507,302	\$2,166,872	\$27,080,765	\$5,652,208	\$21,233,730	\$332,824	\$5,334,317	\$135,076,937
46 to 55	\$179,046,545	\$55,706,670	\$7,021,707	\$5,880,124	\$82,901,347	\$29,829,549	\$79,134,223	\$3,524,169	\$13,120,823	\$456,165,158
56 to 65	\$225,079,122	\$54,782,510	\$6,333,610	\$5,362,792	\$105,590,202	\$60,913,852	\$202,384,210	\$2,048,524	\$8,652,658	\$671,147,478
66 & Over	\$207,405,374	\$23,098,246	\$2,829,721	\$2,367,607	\$69,837,297	\$41,738,141	\$278,054,120	\$590,291	\$1,860,348	\$627,781,144
<b>Total</b>	<b>\$671,793,263</b>	<b>\$156,090,306</b>	<b>\$19,324,846</b>	<b>\$16,319,151</b>	<b>\$290,752,819</b>	<b>\$138,851,370</b>	<b>\$583,476,666</b>	<b>\$6,854,110</b>	<b>\$29,686,473</b>	<b>\$1,913,149,005</b>

Percentage of Assets by Asset Class within Age Group



\*As of March 31, 2023

## Assets by Participant Age Group and Averages\*

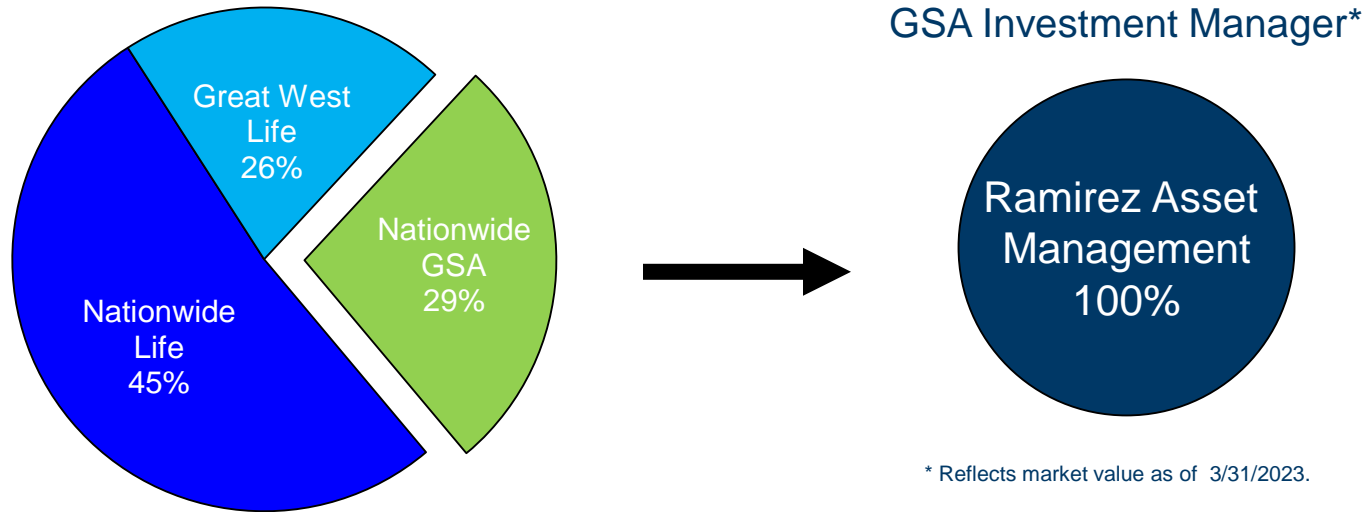
Age	Participants**	Assets	% of Total	Avg Balance
25 & Under	77	\$370,222	0.02%	\$4,808
26 to 35	1,491	\$22,608,066	1.18%	\$15,163
36 to 45	3,421	\$135,076,937	7.06%	\$39,485
46 to 55	5,285	\$456,165,158	23.84%	\$86,313
56 to 65	5,053	\$671,147,478	35.08%	\$132,822
66 & Over	3,725	\$627,781,144	32.81%	\$168,532
<b>Total:</b>	<b>19,052</b>	<b>\$1,913,149,005</b>	<b>100.00%</b>	<b>\$100,417</b>

\* As of March 31, 2023

\*\* Represents the number of open participant accounts with a balance greater than zero on March 31, 2023.

# Blended Fixed Breakdown

# Cook County Blended Fixed Option



Product Provider	2nd Quarter 2023 Interest Yield	3/31/2023 Book Value	3/31/2023 Market Value	Net Purchase Allocation 1Q2023	Net Redemption Allocation 1Q2023
Nationwide GSA	2.43%	\$166,793,498	\$156,148,856	33%	29%
Nationwide Life Insurance Company	2.30%	\$262,583,810	\$262,583,810	34%	45%
Great West Life Insurance Company	3.00%	\$154,098,072	\$154,098,072	33%	26%
Cook County Blended Fixed	2.52%	\$583,476,666	\$572,830,738		

\*\*The Book Value total for the Cook County Blended Fixed does not equal the sum of the Book Values for the underlying contracts. This difference is expected and is a factor in the computation of the next quarterly yield for the Cook County Blended Fixed Option.

Effective on December 31, 2020, Empower Retirement (Empower) acquired the retirement business of MassMutual. Through this transaction, business written by MassMutual, including the GIA, is reinsured by Great-West Life & Annuity Insurance Company (GWLA) and in New York by Great-West Life & Annuity Insurance Company of New York.

# Cook County Blended Fixed Option

## 3-Year Yield History

	2021			
Product	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Nationwide Life (Gen. Acct.)	2.75%	2.65%	2.60%	2.55%
MassMutual Life Insurance Company	3.00%	3.00%	3.00%	3.00%
Nationwide Life (GSA)	2.05%	1.92%	1.83%	1.95%
<b>Blended Rate</b>	<b>2.61%</b>	<b>2.53%</b>	<b>2.49%</b>	<b>2.49%</b>

	2022			
Product	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Nationwide Life (Gen. Acct.)	2.50%	2.40%	2.35%	2.30%
Great West Life Insurance Company	3.00%	3.00%	3.00%	3.00%
Nationwide Life (GSA)	1.96%	2.31%	2.16%	2.13%
<b>Blended Rate</b>	<b>2.48%</b>	<b>2.53%</b>	<b>2.46%</b>	<b>2.44%</b>

	2023			
Product	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Nationwide Life (Gen. Acct.)	2.30%	2.30%		
Great West Life Insurance Company	3.00%	3.00%		
Nationwide Life (GSA)	2.30%	2.43%		
<b>Blended Rate</b>	<b>2.48%</b>	<b>2.52%</b>		

## Self-Directed Option\*

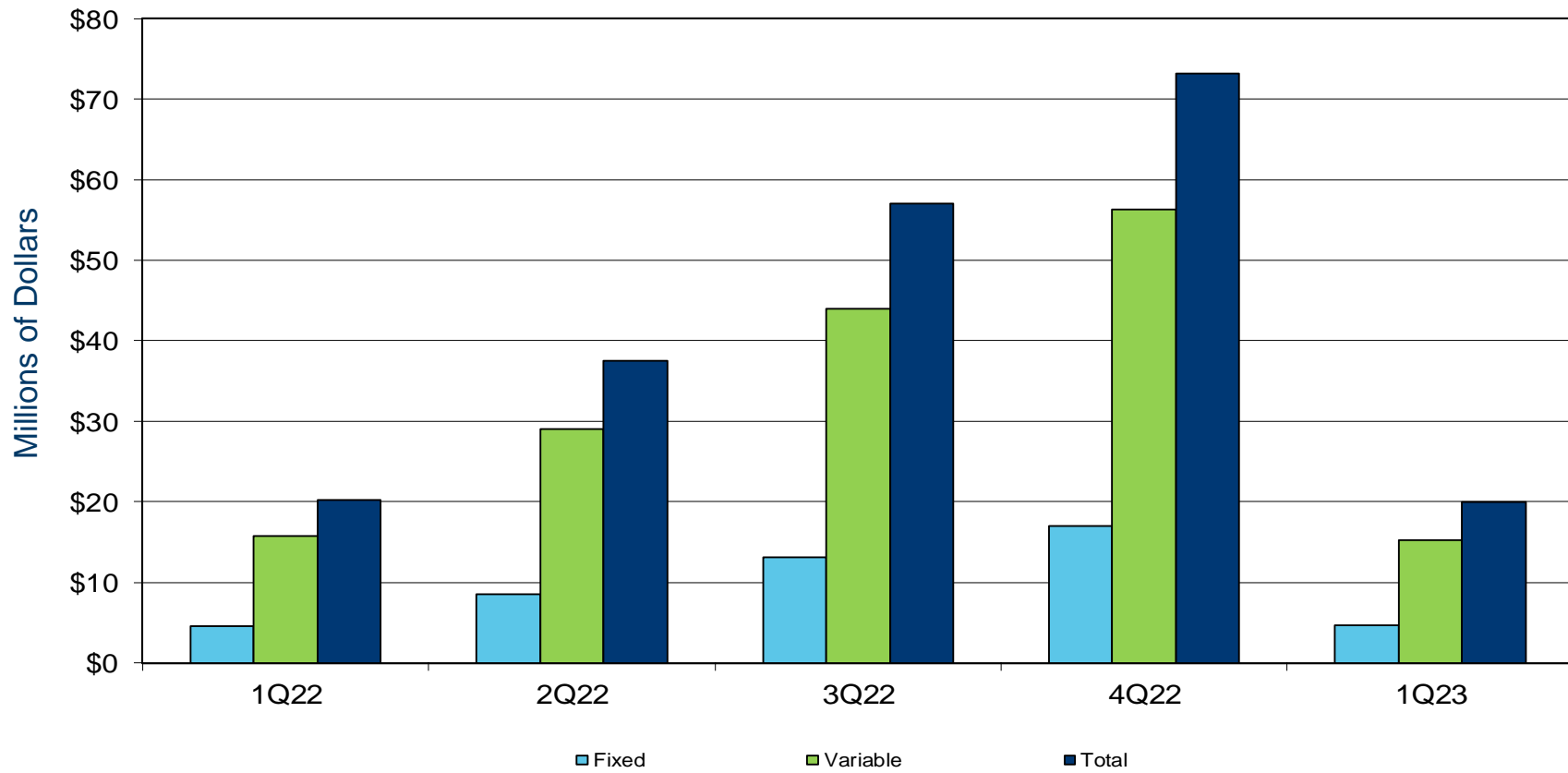
Date	Beginning Balance	Transfers TO Schwab	Transfers FROM Schwab	Ending Balance	Participants
1Q22	\$8,638,592	\$101,962	\$265,785	\$7,678,415	98
2Q22	\$7,678,415	\$5,000	\$121,701	\$5,783,861	97
3Q22	\$5,783,861	\$491,987	\$10	\$6,104,137	94
4Q22	\$6,104,137	\$25,200	\$27,441	\$5,827,847	93
1Q23	\$5,827,847	\$293,052	\$29,561	\$6,854,110	95

\*As of March 31, 2023

# Plan Deferrals



# Deferral Growth\*



\*As of March 31, 2023 YTD

## Deferrals by Investment Option\*

<u>Investment Option</u>	<u>Deferrals</u>	<u>% of Total</u>
<b>Asset Allocation</b>		
Vanguard LifeStrategy Growth Fund (Investor Shares)	\$ 1,224,301.61	6.14%
Vanguard LifeStrategy Moderate Growth Fund (Investor Shares)	\$ 428,009.96	2.15%
T. Rowe Price Retirement 2030 Fund (Investor Class)	\$ 316,390.48	1.59%
T. Rowe Price Retirement 2040 Fund (Investor Class)	\$ 304,001.20	1.53%
T. Rowe Price Retirement 2045 Fund (Investor Class)	\$ 279,726.17	1.40%
T. Rowe Price Retirement 2050 Fund (Investor Class)	\$ 276,010.45	1.39%
T. Rowe Price Retirement 2035 Fund (Investor Class)	\$ 214,947.68	1.08%
T. Rowe Price Retirement 2055 Fund (Investor Class)	\$ 183,142.60	0.92%
T. Rowe Price Retirement 2025 Fund (Investor Class)	\$ 182,008.18	0.91%
Vanguard LifeStrategy Conservative Growth Fund (Investor Shares)	\$ 152,173.93	0.76%
T. Rowe Price Retirement 2020 Fund (Investor Class)	\$ 34,569.85	0.17%
T. Rowe Price Retirement 2010 Fund (Investor Class)	\$ 10,252.35	0.05%
T. Rowe Price Retirement 2015 Fund (Investor Class)	\$ 3,713.50	0.02%
<b>Total</b>	<b>\$ 3,609,247.96</b>	<b>18.11%</b>
<b>International Stocks</b>		
EuroPacific Growth Fund (Class R5)	\$ 1,595,743.59	8.01%
Capital World Growth & Income Fund (Class R6)	\$ 971,068.12	4.87%
<b>Total</b>	<b>\$ 2,566,811.71</b>	<b>12.88%</b>

\*As of March 31, 2023 YTD

## Deferrals by Investment Option\*

<u>Investment Option</u>	<u>Deferrals</u>	<u>% of Total</u>
<b>Small-Cap Stocks</b>		
Vanguard Small-Cap Index Fund (Institutional Shares)	\$ 371,853.14	1.87%
Neuberger Berman Genesis Fund (Institutional Class)	\$ 238,904.28	1.20%
William Blair Small Cap Growth Fund (Class I)	\$ 187,811.85	0.94%
Victory Sycamore Small Company Opportunity Fund (Class I)	\$ 174,851.30	0.88%
Vanguard(R) Explorer(TM) Fund - Admiral(TM) Shares	\$ 133.87	0.00%
<b>Total</b>	<b>\$ 973,554.44</b>	<b>4.89%</b>
<b>Mid-Cap Stocks</b>		
Vanguard Mid-Cap Index Fund (Institutional Shares)	\$ 661,137.93	3.32%
JP Morgan Mid Cap Value Fund (Class L)	\$ 509,624.22	2.56%
Vanguard(R) Extended Market Index Fund - Institutional Shares	\$ 173.00	0.00%
Ariel Fund - Institutional Class	\$ 68.34	0.00%
<b>Total</b>	<b>\$ 1,171,003.49</b>	<b>5.88%</b>

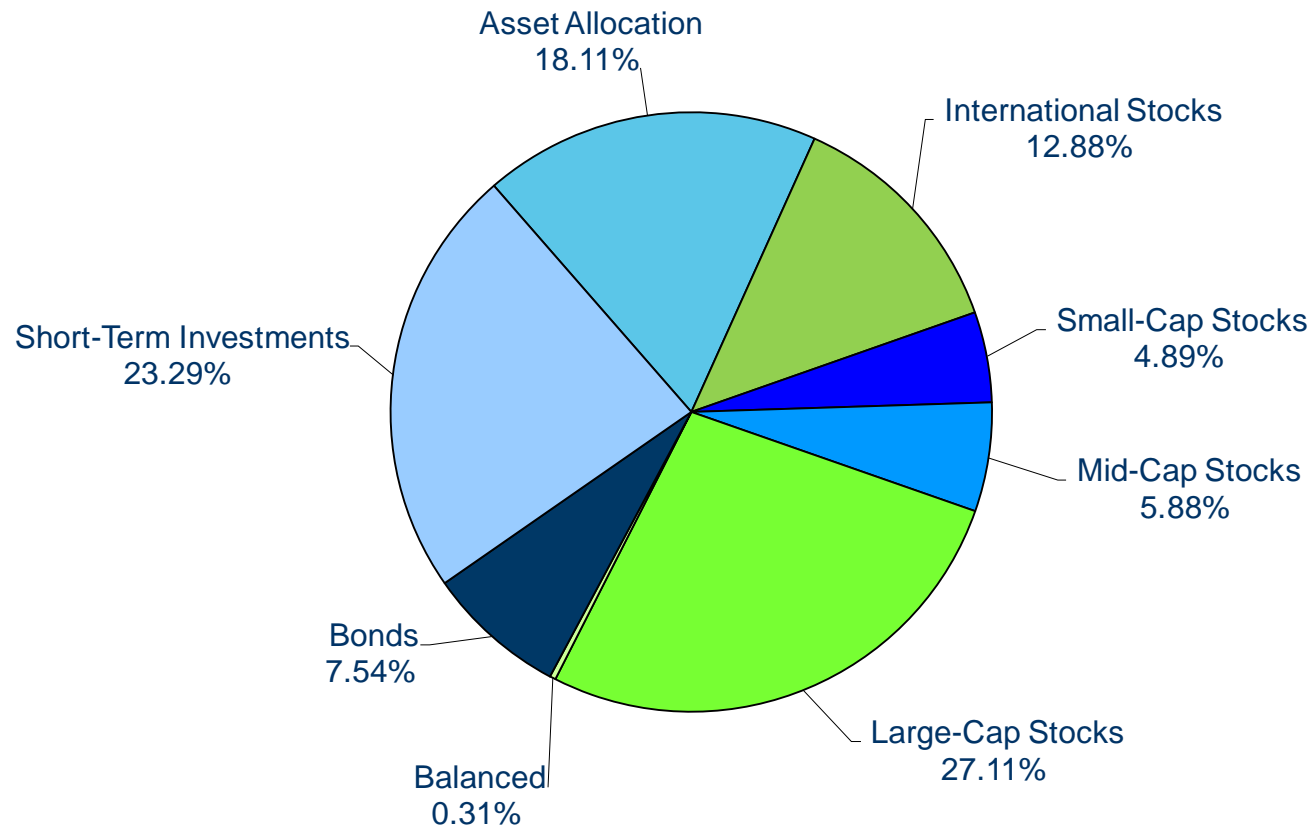
\*As of March 31, 2023 YTD

## Deferrals by Investment Option\*

<u>Investment Option</u>	<u>Deferrals</u>	<u>% of Total</u>
<b>Large-Cap Stocks</b>		
Vanguard Institutional Index Fund (Institutional Shares)	\$ 1,720,813.88	8.64%
Fidelity Contrafund (Class K6)	\$ 1,163,191.56	5.84%
The Growth Fund of America (Class R6)	\$ 858,465.38	4.31%
T. Rowe Price U.S. Equity Research Fund (I Class)	\$ 626,107.09	3.14%
American Century Focused Large Cap Value Fund (Class R6)	\$ 603,104.56	3.03%
Invesco Growth and Income Fund (Class Y)	\$ 428,306.61	2.15%
Vanguard Institutional Index Fund (Institutional Plus Shares)	\$ 1,396.00	0.01%
<b>Total</b>	<b>\$ 5,401,385.08</b>	<b>27.11%</b>
<b>Balanced</b>		
T. Rowe Price Retirement Balanced Fund (Investor Class)	\$ 62,035.46	0.31%
<b>Bonds</b>		
Dodge & Cox Income Fund	\$ 1,502,153.43	7.54%
<b>Short-Term Investments</b>		
Cook County Blended Fixed Option	\$ 4,640,933.80	23.29%
<b>Total:</b>	<b>\$ 19,927,125.37</b>	<b>100.00%</b>

\*As of March 31, 2023 YTD

# Deferrals by Investment Category\*

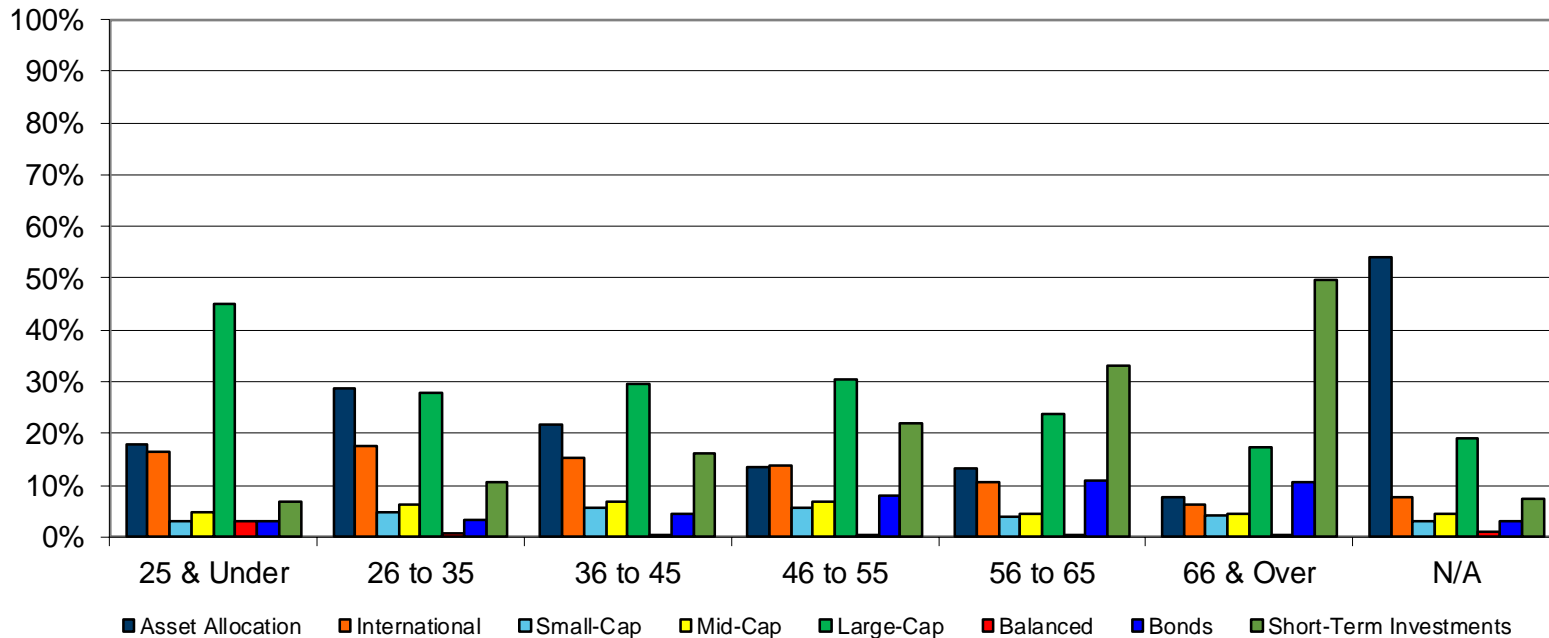


\*As of March 31, 2023 YTD

# Deferrals by Participant Age Group and Asset Class\*

Age Group	Asset Allocation	International	Small-Cap	Mid-Cap	Large-Cap	Balanced	Bonds	Short-Term Investments	Total
25 & Under	\$4,774	\$4,436	\$808	\$1,281	\$12,073	\$788	\$788	\$1,793	\$26,739
26 to 35	\$402,554	\$245,696	\$68,170	\$87,866	\$391,297	\$8,412	\$48,469	\$147,246	\$1,399,710
36 to 45	\$891,234	\$629,725	\$230,589	\$274,367	\$1,206,773	\$6,542	\$188,059	\$654,448	\$4,081,737
46 to 55	\$970,534	\$1,003,906	\$400,288	\$484,926	\$2,203,194	\$17,301	\$572,069	\$1,580,325	\$7,232,542
56 to 65	\$674,465	\$538,682	\$202,453	\$230,383	\$1,214,464	\$16,133	\$559,913	\$1,701,165	\$5,137,658
66 & Over	\$72,223	\$58,798	\$38,857	\$43,732	\$164,705	\$1,045	\$99,900	\$473,980	\$953,240
N/A	\$593,465	\$85,569	\$32,391	\$48,449	\$208,879	\$11,815	\$32,955	\$81,977	\$1,095,500
<b>Total</b>	<b>\$3,609,248</b>	<b>\$2,566,812</b>	<b>\$973,554</b>	<b>\$1,171,003</b>	<b>\$5,401,385</b>	<b>\$62,035</b>	<b>\$1,502,153</b>	<b>\$4,640,934</b>	<b>\$19,927,125</b>

Percentage of Deferrals by Asset Class within Age Group



\*As of March 31, 2023 YTD

## Deferrals by Participant Age and Averages\*

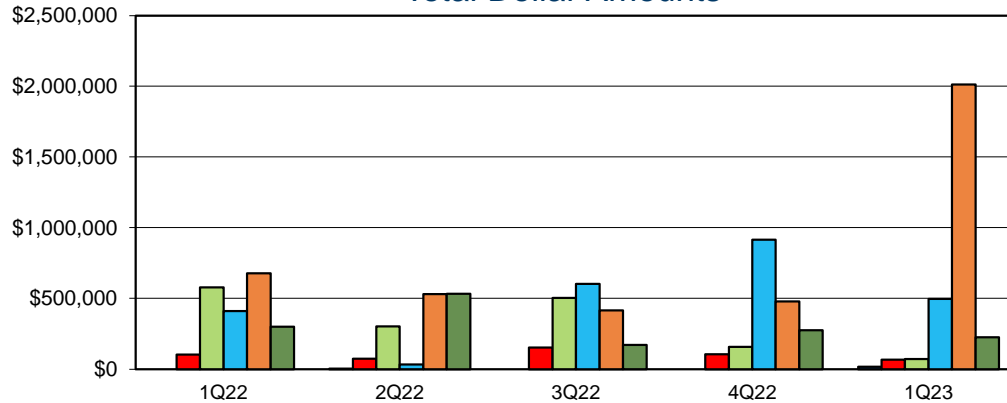
Age	Participants**	Deferrals	% of Total	Avg Def (YTD)
25 & Under	56	\$26,739	0.13%	\$477
26 to 35	1,280	\$1,399,710	7.02%	\$1,094
36 to 45	2,880	\$4,081,737	20.48%	\$1,417
46 to 55	4,311	\$7,232,542	36.29%	\$1,678
56 to 65	2,951	\$5,137,658	25.78%	\$1,741
66 & Over	625	\$953,240	4.78%	\$1,525
N/A	83	\$1,095,500	5.50%	\$13,199
<b>Total:</b>	<b>12,186</b>	<b>\$19,927,125</b>	<b>100.00%</b>	<b>\$1,635</b>

\* As of March 31, 2023 YTD

\*\* Represents the number of participants who have deferred between January 1 March 31, 2023.

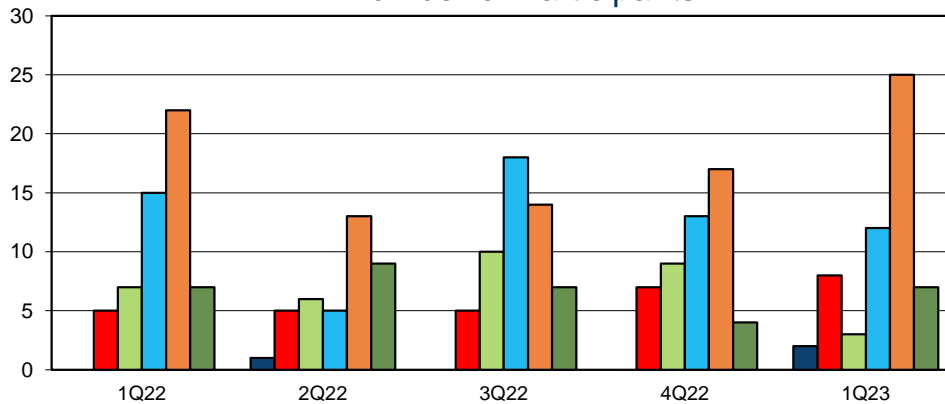
# Transfers/Rollovers In by Age Group\*

### Total Dollar Amounts



Age Group	1Q22	2Q22	3Q22	4Q22	1Q23
25 & Under	\$0	\$3,120	\$0	\$0	\$15,866
26-35	\$102,099	\$73,483	\$152,836	\$103,605	\$65,756
36-45	\$578,478	\$300,458	\$502,879	\$156,925	\$70,855
46-55	\$409,642	\$31,538	\$602,441	\$913,536	\$495,869
56-65	\$677,040	\$530,444	\$414,063	\$478,087	\$2,012,932
66 & Older	\$299,534	\$533,314	\$169,499	\$273,662	\$225,608
<b>Total</b>	<b>\$2,066,794</b>	<b>\$1,472,357</b>	<b>\$1,841,719</b>	<b>\$1,925,815</b>	<b>\$2,886,887</b>

### Number of Participants



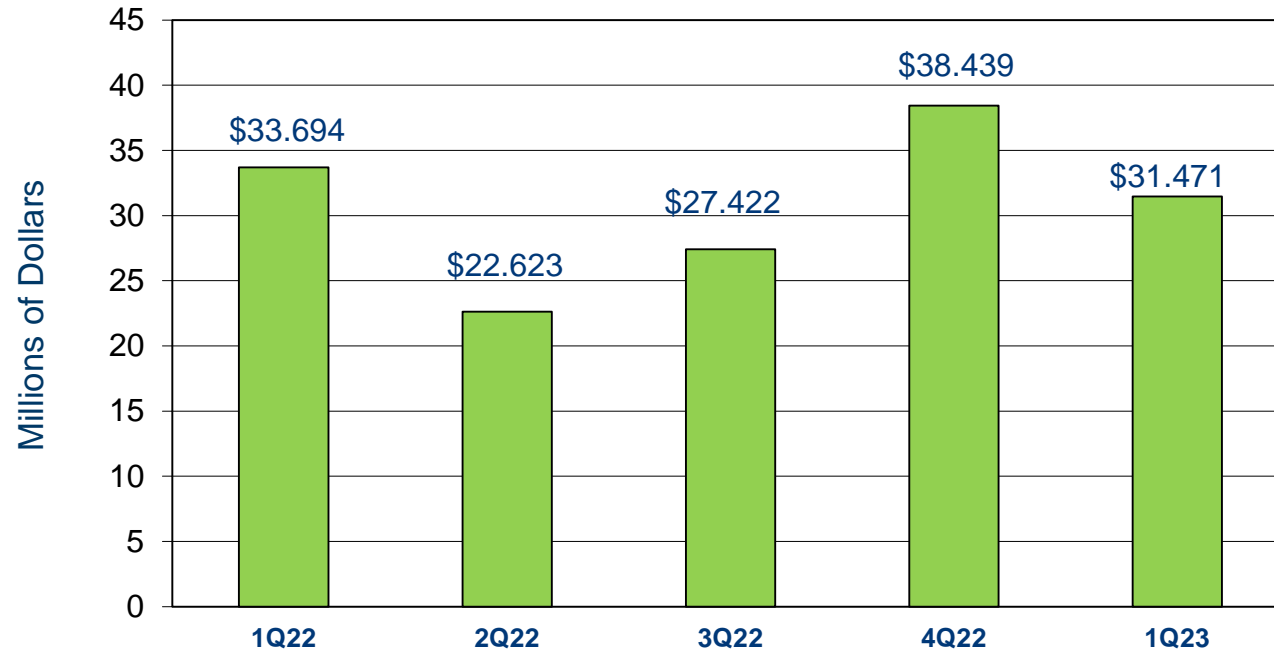
Age Group	1Q22	2Q22	3Q22	4Q22	1Q23
25 & Under	0	1	0	0	2
26-35	5	5	5	7	8
36-45	7	6	10	9	3
46-55	15	5	18	13	12
56-65	22	13	14	17	25
66 & Older	7	9	7	4	7
<b>Total</b>	<b>56</b>	<b>39</b>	<b>54</b>	<b>50</b>	<b>57</b>

\*As of March 31, 2023



# Distributions

## Withdrawals\*

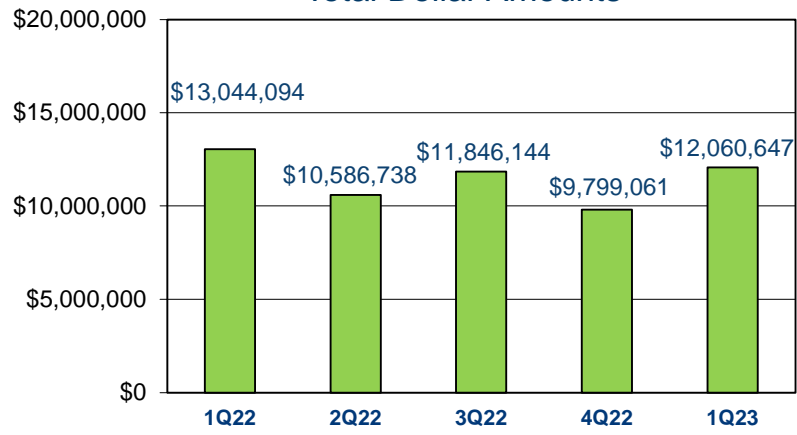


	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Distributed</b>	<b>\$33,694,151</b>	<b>\$22,622,794</b>	<b>\$27,421,500</b>	<b>\$38,438,539</b>	<b>\$31,471,350</b>
<b>Total Withdrawals</b>	<b>2,462</b>	<b>2,462</b>	<b>2,694</b>	<b>2,972</b>	<b>2,623</b>
<b>Total Participants</b>	<b>1,390</b>	<b>1,369</b>	<b>1,477</b>	<b>2,043</b>	<b>1,438</b>

\*As of March 31, 2023

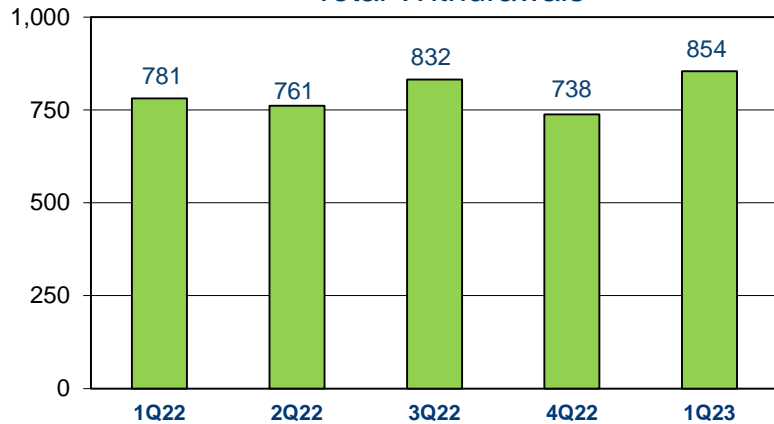
# Partial/Lump Sum Distribution Activity\*

Total Dollar Amounts



	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Distributed</b>	<b>\$13,044,094</b>	<b>\$10,586,738</b>	<b>\$11,846,144</b>	<b>\$9,799,061</b>	<b>\$12,060,647</b>

Total Withdrawals

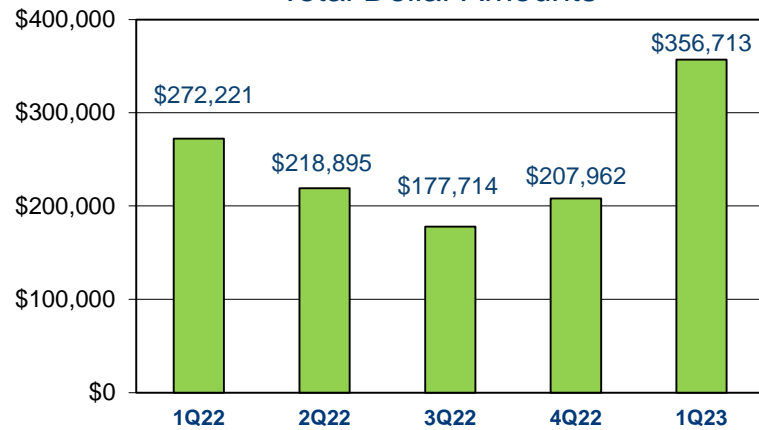


	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Withdrawals</b>	<b>781</b>	<b>761</b>	<b>832</b>	<b>738</b>	<b>854</b>
<b>Total Participants</b>	<b>598</b>	<b>541</b>	<b>600</b>	<b>565</b>	<b>644</b>

\*As of March 31, 2023

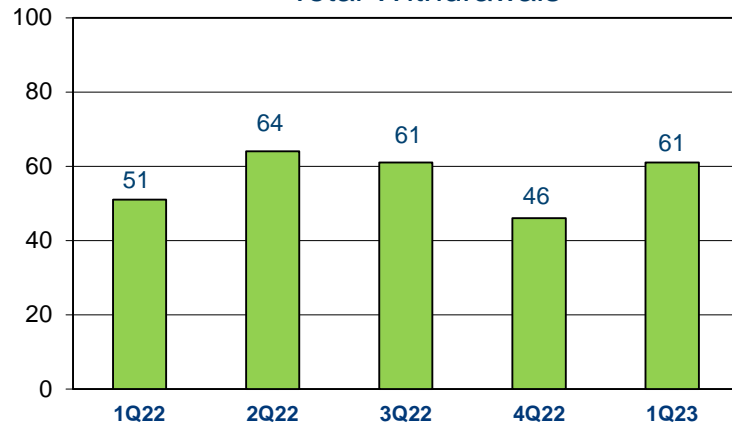
# Unforeseeable Emergency Distribution Activity\*

Total Dollar Amounts



	1Q22	2Q22	3Q22	4Q22	1Q23
Total Distributed	\$272,221	\$218,895	\$177,714	\$207,962	\$356,713

Total Withdrawals

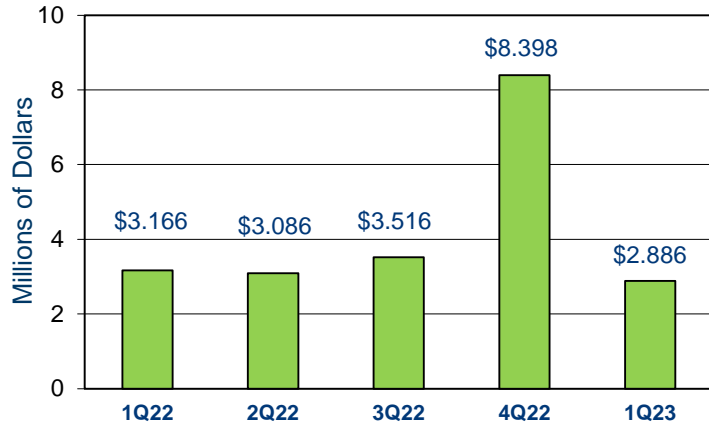


	1Q22	2Q22	3Q22	4Q22	1Q23
Total Withdrawals	51	64	61	46	61
Total Participants	47	57	58	42	51

\*As of March 31, 2023

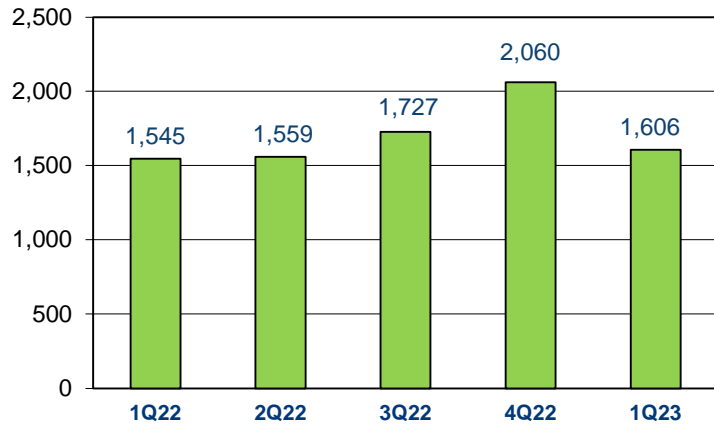
# Systematic Withdrawal Activity\*

Total Dollar Amounts



	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Distributed</b>	<b>\$3,166,490</b>	<b>\$3,085,547</b>	<b>\$3,515,872</b>	<b>\$8,398,239</b>	<b>\$2,885,754</b>

Total Withdrawals

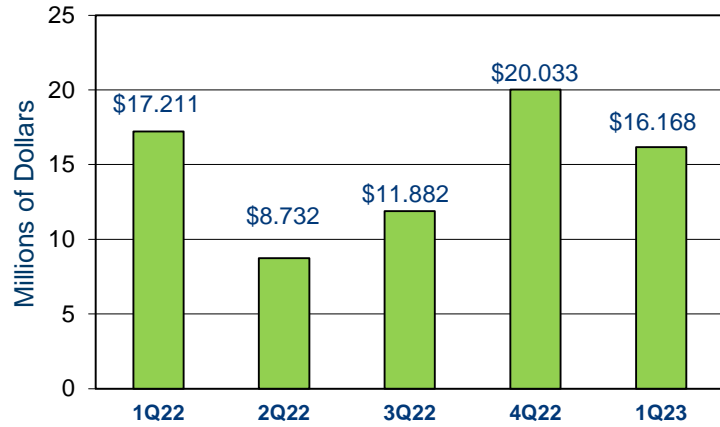


	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Withdrawals</b>	<b>1,545</b>	<b>1,559</b>	<b>1,727</b>	<b>2,060</b>	<b>1,606</b>
<b>Total Participants</b>	<b>662</b>	<b>693</b>	<b>743</b>	<b>1,319</b>	<b>642</b>

\*As of March 31, 2023

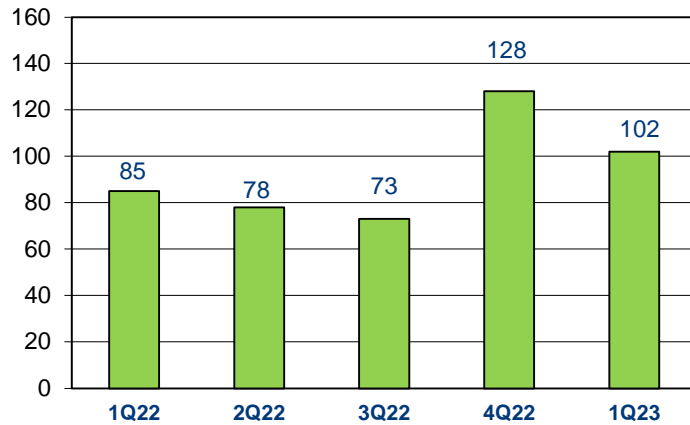
# Transfers/Rollovers Out Activity\*

Total Dollar Amounts



	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Distributed</b>	\$17,211,346	\$8,731,614	\$11,881,770	\$20,033,277	\$16,168,236

Total Withdrawals



	1Q22	2Q22	3Q22	4Q22	1Q23
<b>Total Withdrawals</b>	85	78	73	128	102
<b>Total Participants</b>	83	78	69	117	101

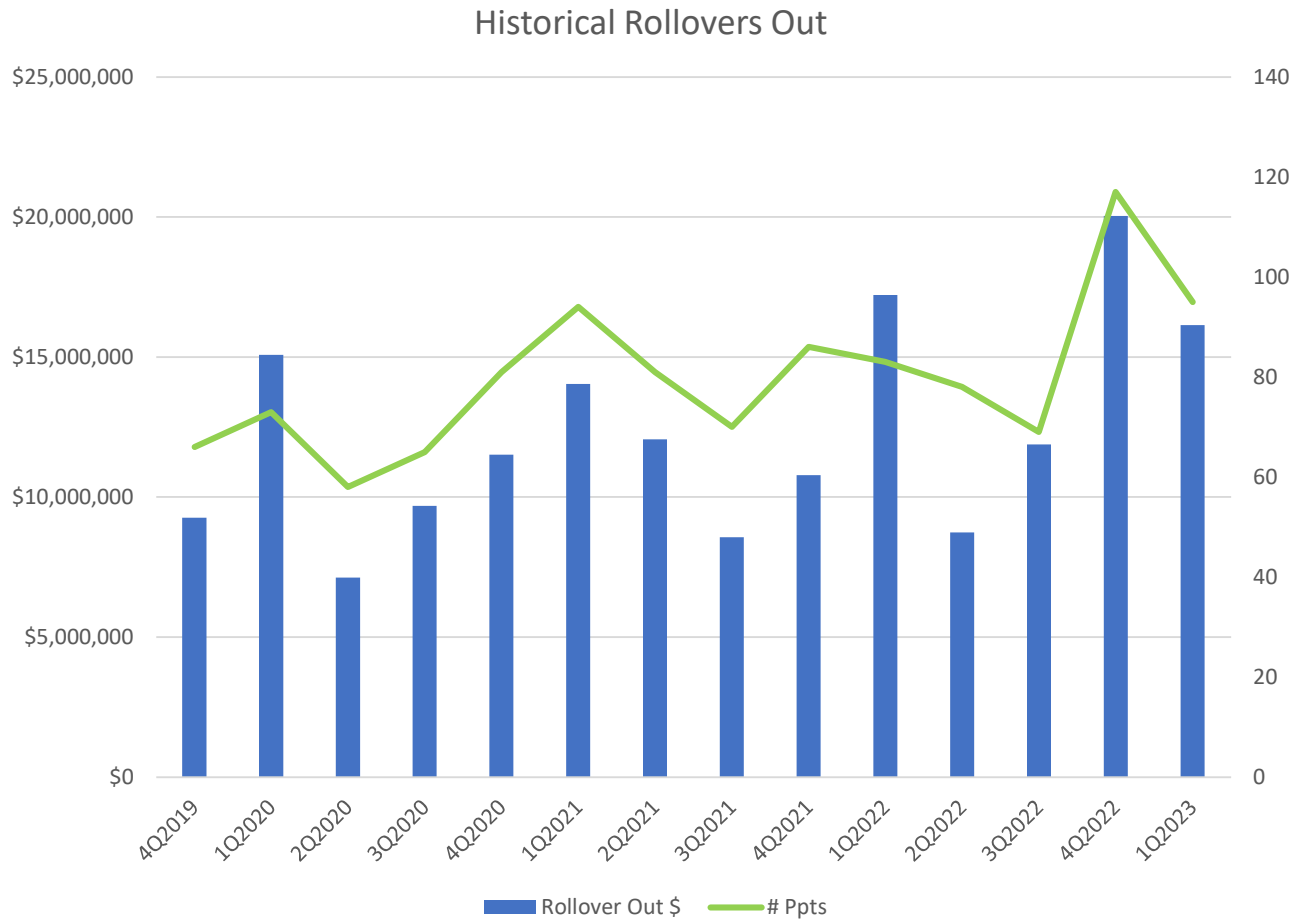
\*As of March 31, 2023

## Transfers/Rollovers Out Activity\*

Receiving Institution	1Q23 Number	1Q23 Amount
ALLY BANK RETIREMENT SERVICES	1	\$25,111.43
AMERICAN EQUITY INVESTMENT LIFE INS CO	1	\$390,561.53
AMERIPRISE FINANCIAL SERVICES INC	5	\$569,053.51
BANK FINANCIAL NA	1	\$21,466.54
CETERA INVESTMENT SERVICES	1	\$438,533.70
CHARLES SCHWAB & CO INC	8	\$1,836,708.74
EDWARD JONES INVESTMENTS	7	\$763,447.81
EQUITABLE	1	\$139,703.94
FEDERAL THRIFT SAVINGS PLAN	2	\$12,811.58
FIDELITY MANAGEMENT TRUST COMPANY	14	\$3,002,829.15
FIFTH THIRD SECURITIES	1	\$186,663.88
FOLIO INVESTMENTS INC	1	\$128,243.33
GCU	1	\$100,000.00
HILLTOP SECURITIES INC	1	\$269,813.68
JP MORGAN SECURITIES LLC	8	\$1,108,910.45
LPL FINANCIAL LLC	2	\$297,199.59
MERRILL LYNCH PIERCE FENNER & SMITH INC	3	\$1,095,780.93
MORGAN STANLEY SMITH BARNEY LLC	1	\$421,882.87
NATIONAL FINANCIAL SERVICES	4	\$890,129.26
NATIONWIDE LIFE INSURANCE	1	\$10,161.02
NATIONWIDE RETIREMENT SOLUTIONS	6	\$46,021.38
NAVY FEDERAL CREDIT UNION	1	\$2,476.98
NYLIAC	2	\$186,497.23
PACIFIC LIFE INSURANCE CO	1	\$127,823.97
PEOPLES BANK	1	\$21,301.37
PERSHING LLC	4	\$667,196.45
PNC INVESTMENTS	1	\$117,125.29
PRUDENTIAL RETIREMENT	2	\$252,247.45
STRATA TRUST COMPANY	1	\$35,000.00
TD AMERITRADE INSTITUTIONAL	6	\$1,008,832.15
THRIFT SAVINGS PLAN	1	\$34,896.88
TIAA	1	\$226,953.32
TRANSAMERICA RETIREMENT SOLUTIONS	1	\$2,761.68
UBS FINANCIAL SERVICES INC	2	\$476,168.85
UNKNOWN	5	\$144,921.90
VANGUARD FIDUCIARY TRUST COMPANY	5	\$772,310.35
WELLS FARGO CLEARING SERVICES LLC	1	\$336,688.06
<b>Total</b>	<b>105</b>	<b>\$16,168,236.25</b>

\*As of March 31, 2023

# Transfers/Rollovers Out Activity\*



\*As of March 31, 2023



## Loans\*

Quarter	Total Outstanding (Active)	Total Amount Outstanding (Active)	Average Amount Outstanding (Active)	Newly Defaulted	Amount Defaulted	Total Defaulted	Total Default Principal Amount
1Q2022	5,106	\$28,890,820	\$5,658	95	\$577,148	2,004	\$11,732,444
2Q2022	5,117	\$30,056,785	\$5,874	75	\$341,597	2,022	\$11,733,422
3Q2022	5,057	\$30,057,913	\$5,944	118	\$593,133	2,078	\$12,009,429
4Q2022	4,954	\$29,722,634	\$6,000	134	\$600,359	2,155	\$12,227,657
1Q2023	4,909	\$29,686,473	\$6,047	88	\$488,442	2,165	\$12,348,258

\*As of March 31, 2023

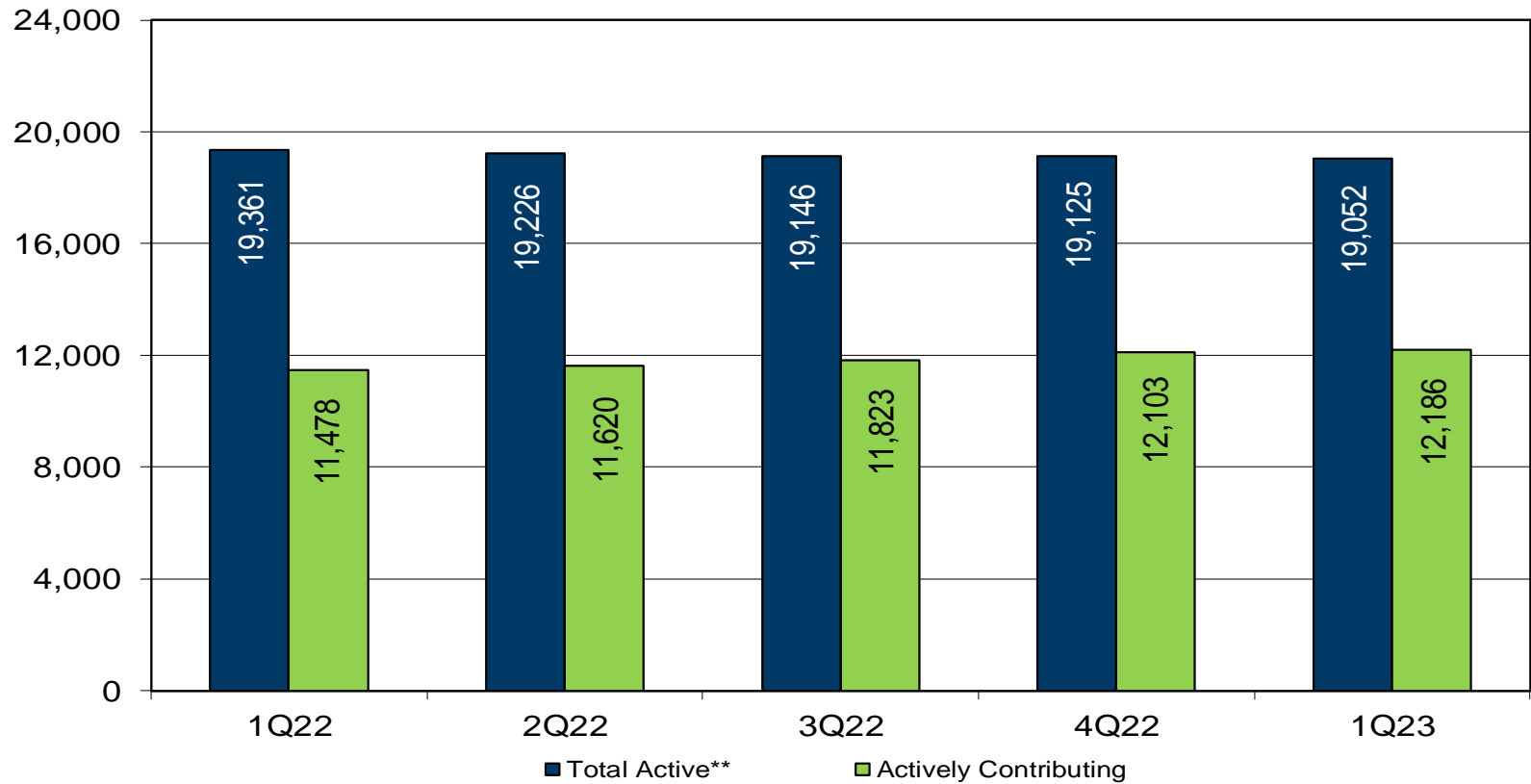
## Loans\*

Quarter	Loans Initiated	Loan Amount	Avg Loan Amount	Amount<5,000	Amount >= \$5,000	General Purpose	Primary Residence
1Q2022	431	\$4,049,584	\$9,396	169	262	423	8
2Q2022	530	\$4,850,112	\$9,151	233	297	520	10
3Q2022	523	\$4,048,862	\$7,742	253	270	518	5
4Q2022	463	\$3,716,188	\$8,026	235	228	460	3
1Q2023	446	\$4,089,301	\$9,169	207	239	440	6

\*As of March 31, 2023

# Participation

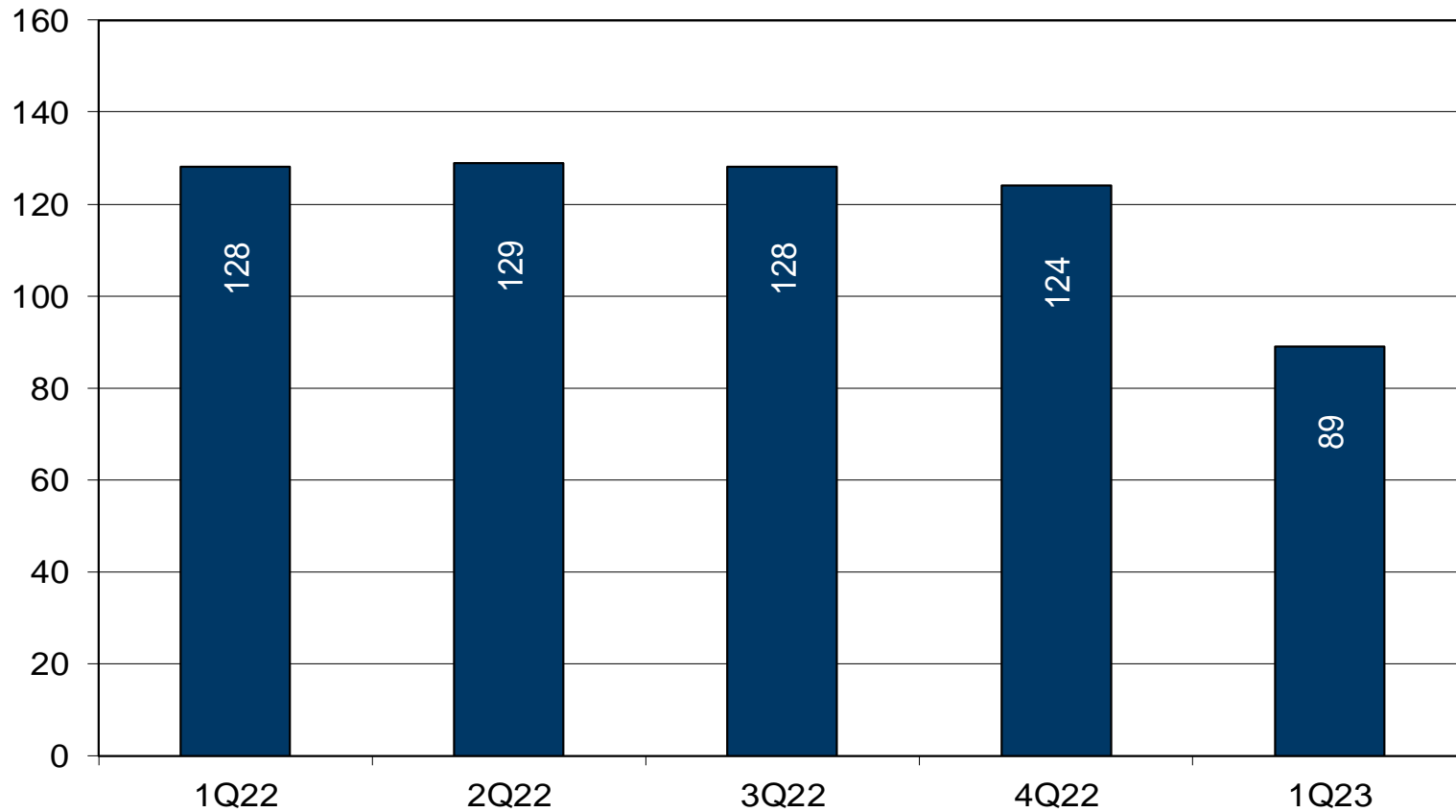
# Participant Growth Information\*



\*\*Total Active is defined as the number of participants who have an account balance greater than \$0.  
*Actively Contributing* represents the number of participants who deferred during the year.

\*As of March 31, 2023

## Lost and Dormant Participants\*



\*Lost is defined as participant's address on file is not good. Dormant is defined as no activity in the preceding 12 months.

\*As of March 31, 2023

# Service Statistics

## Service Statistics\*

Contact	2022	2023 YTD
Work-place visits	61**	17
New enrollments	630	219
Contribution elections	4,745	1,320
Calls to Retirement Resource Group	953	392
Walk-in visits to local office	212	82
Voice response unit calls	4,519	993
Web-site hits (www.CookCountyDC.com)	525,576	123,860
My Investment Planner Advice	318	110

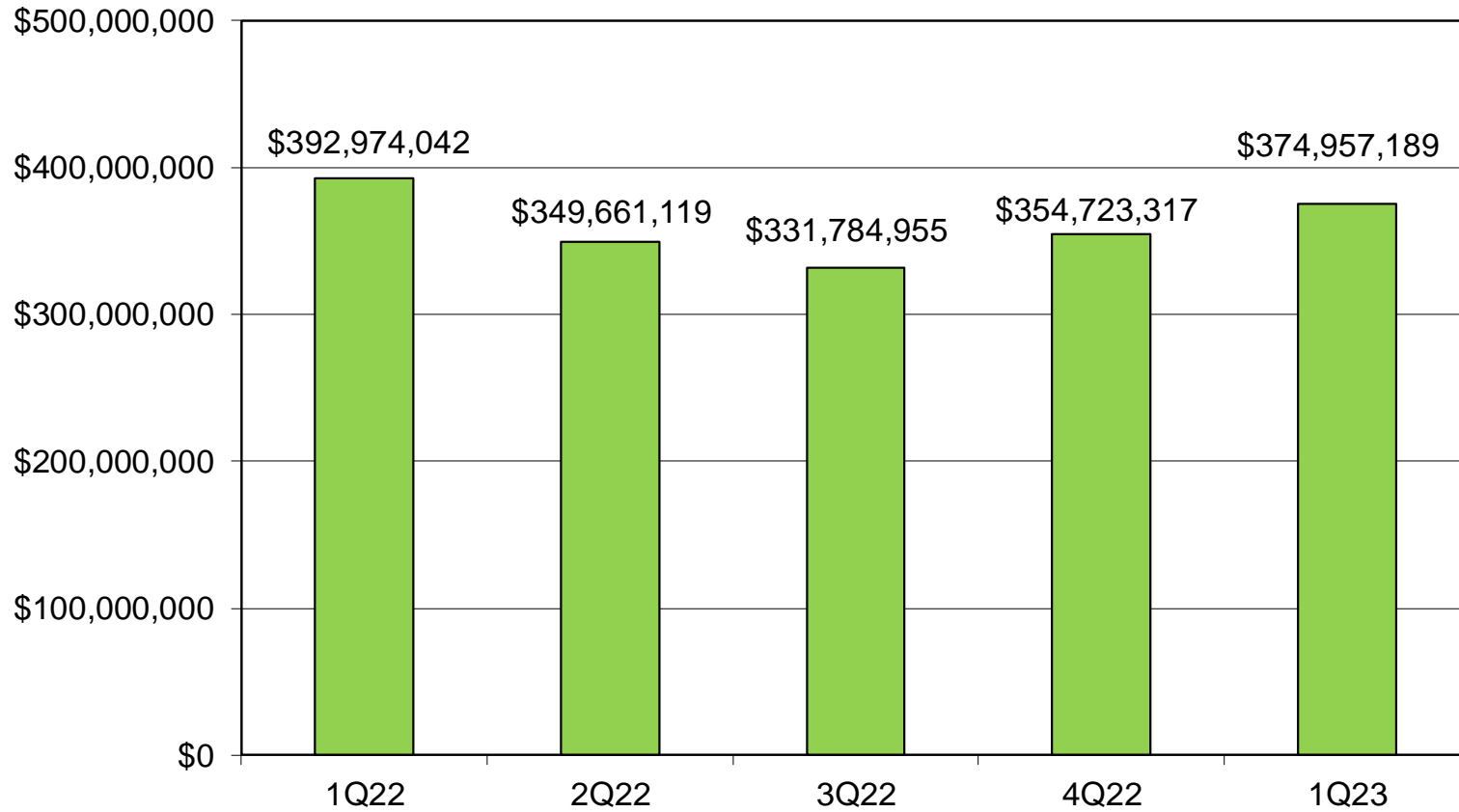
\*As of March 31, 2023

# ProAccount Managed Account Activity



# ProAccount Managed Account Activity\*

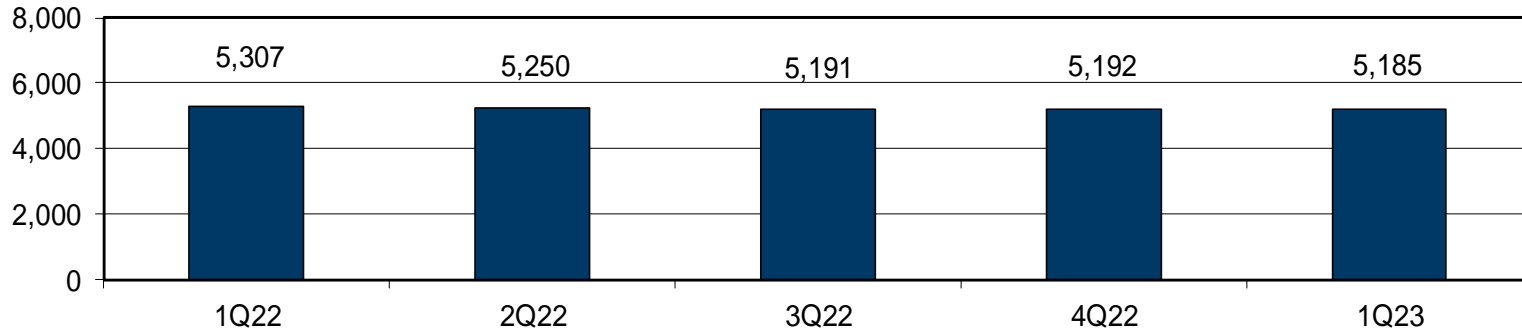
## Assets Under Management



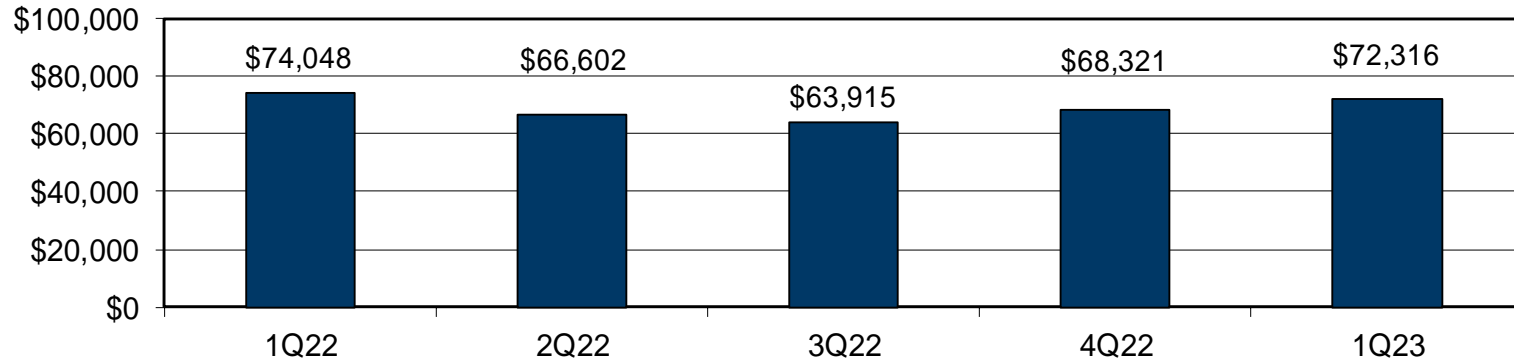
\*As of March 31, 2023

# ProAccount Managed Account Activity\*

## Number of Participants



## Average Assets per Participant



\*As of March 31, 2023

# Reserve Account Activity

# 1st Quarter 2023 Revenue Calculation\*

Investment Option	Gross Expense Ratio	Annual Fund Reimbursement Rate	1/31/2023 Account Value	2/28/2023 Account Value	3/31/2023 Account Value	1Q2023 Fund Reimbursement Revenue
American Century Focused Large Cap Value Fund - Class R6	0.48%	0.00%	46,268,011	44,348,691	-	-
Ariel Fund - Institutional Class	0.67%	0.00%	-	-	15,697,057	-
Capital World Growth and Income Fund(SM) - Class R6	0.42%	0.00%	69,461,486	62,370,065	63,840,327	-
Cook County Blended Fixed Option	N/A	0.00%	586,882,641	583,167,016	583,476,666	-
Dodge & Cox Income Fund - Class I	0.41%	0.08%	132,102,610	136,992,478	138,851,370	26,817
EuroPacific Growth Fund(R) - Class R5	0.51%	0.05%	97,388,863	89,877,982	92,249,979	11,501
Fidelity Contrafund K6	0.45%	0.00%	245,997,109	236,730,546	-	-
Invesco Growth and Income Fund - Class Y	0.53%	0.25%	37,552,350	34,852,651	-	14,658
JPMorgan Mid Cap Value Fund - Class L	0.83%	0.10%	46,052,017	43,594,099	-	7,255
Loan Outstanding Principal Balance	N/A	0.00%	29,580,110	29,797,456	29,683,833	-
Neuberger Berman Genesis Fund - Institutional Class	0.84%	0.10%	17,182,941	20,319,088	-	3,018
Schwab Personal Choice Retirement Account	N/A	0.00%	6,512,058	6,558,788	6,854,110	-
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2010 Fund	0.49%	0.15%	885,966	865,575	54,653,892	7,175
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2015 Fund	0.51%	0.15%	517,358	496,679	48,652,911	6,321
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2020 Fund	0.53%	0.15%	3,920,759	4,163,976	78,198,409	10,941
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2025 Fund	0.55%	0.15%	9,367,661	9,197,355	99,641,010	14,946
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2030 Fund	0.58%	0.15%	7,796,342	8,751,413	94,325,988	14,017
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2035 Fund	0.59%	0.15%	6,007,456	5,826,570	90,730,964	12,995
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2040 Fund	0.60%	0.15%	7,188,476	6,888,259	46,346,337	7,613
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2045 Fund	0.62%	0.15%	5,837,321	5,761,504	22,208,767	4,236
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2050 Fund	0.63%	0.15%	5,045,304	4,967,591	12,339,025	2,786
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2055 Fund	0.64%	0.15%	2,674,378	2,654,040	4,729,911	1,249
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2060 Fund	0.64%	0.15%	-	-	366,537	47
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2065 Fund	0.64%	0.15%	-	-	43,598	6
T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement Balanced Fund	0.49%	0.15%	3,249,239	3,227,815	-	785
T. Rowe Price U.S. Equity Research Fund - I Class	0.34%	0.00%	42,094,898	45,106,995	-	-
The Growth Fund of America(R) - Class R6	0.30%	0.00%	85,180,594	81,071,370	-	-
Vanguard(R) Explorer(TM) Fund - Admiral(TM) Shares	0.34%	0.00%	-	-	19,324,846	-
Vanguard(R) Extended Market Index Fund - Institutional Shares	0.05%	0.00%	-	-	622,094	-
Vanguard(R) Institutional Index Fund - Institutional Plus Shares	0.02%	0.00%	-	-	290,752,819	-
Vanguard(R) Institutional Index Fund - Institutional Shares	0.035%	0.00%	185,928,304	186,695,104	-	-
Vanguard(R) LifeStrategy(R) Conservative Growth Fund - Investor Shares	0.12%	0.00%	17,299,498	16,900,656	17,562,305	-
Vanguard(R) LifeStrategy(R) Growth Fund - Investor Shares	0.14%	0.00%	55,138,172	54,052,138	56,083,158	-
Vanguard(R) LifeStrategy(R) Moderate Growth Fund - Investor Shares	0.13%	0.00%	46,897,746	45,293,457	45,910,452	-
Vanguard(R) Mid-Cap Index Fund - Institutional Shares	0.04%	0.00%	52,492,933	50,106,372	-	-
Vanguard(R) Small-Cap Index Fund - Institutional Shares	0.04%	0.00%	32,260,591	31,383,172	-	-
Victory Sycamore Small Company Opportunity Fund - Class I	0.89%	0.10%	13,682,409	13,388,551	-	2,189
William Blair Small Cap Growth Fund - Class I	1.25%	0.15%	20,620,129	20,224,648	-	4,954
<b>Total</b>			<b>1,919,065,730</b>	<b>1,885,632,098</b>	<b>1,913,146,365</b>	<b>153,508</b>

Note: Monthly fund values are rounded; monthly totals are based on actual fund amount.

\*As of March 31, 2023

## 1st Quarter 2023 Reserve Account Activity\*

Activity	Date	Amount
Beginning Balance	1/1/2023	\$612,459
December Reserve Account Deposit	1/4/2023	\$11,461
Callan LLC Invoice # SI-2212267	1/12/2023	(\$9,163)
Morgan, Lewis & Brockius LLP - Invoice # 5101931	1/12/2023	(\$240)
January Reserve Account Deposit	2/3/2023	\$11,991
Callan LLC Invoice # SI-2212318	2/9/2023	(\$27,913)
Morgan, Lewis & Brockius LLP - Invoice # 5119723	2/9/2023	(\$1,536)
Administrative Coordinator Salary FY22	2/9/2023	(\$38,720)
February Reserve Account Deposit	3/3/2023	\$10,649
Morgan, Lewis & Brockius LLP - Invoice # 5139629	3/8/2023	(\$240)
February Reserve Account Deposit Overage Recovery	3/28/2023	(\$25)
Investment Performance (Vanguard Treasury Money Market Fund)	3/31/2023	\$6,423
<b>Ending Balance</b>	<b>3/31/2023</b>	<b>\$575,147</b>

\*As of March 31, 2023

# Performance Guarantees

## Performance Guarantees\*

Service	Service Standard	Reimbursement Amount	Current Status - YTD as of 3/31/2023
<b>Voice Response System/Participant and Plan Sponsor Website Availability</b>	The Voice Response System/Participant and Plan Sponsor websites will be available 24 hours/day, 7-days per week 99% of the time.	\$5,000 annually	Voice Response System and Website availability was 100.00% for 1Q2023.
<b>Participant Services Phone Availability and Response Time</b>	For the Live Operator Call Center, 70% of calls will be answered within 30 seconds for a live operator, and an abandonment rate of less than 4%.	\$2,500 per calendar year	99.29% of calls were answered within 30 seconds during 1Q2023.  0.11% of calls were abandoned during 1Q2023.
<b>Quarterly Participant Statement Delivery</b>	99% in compliance with the Standard below.  Dependency: Receipt of all necessary information (example, message approval) from the Plan Sponsor prior to the end of the quarter for which the statement period is applicable. 100% accuracy rate on statements mailed.  Standard: Mailed within 30 days of the close of the quarter.	\$5,000 per calendar quarter plus \$1,000 for each additional day that statements are delayed	1Q: Mailed 4/12/2023
<b>Participant Transaction Confirmation Statements</b>	100% in compliance with the Standard below.  <b>Standard:</b> Paper or (if applicable) electronic statement mailed or otherwise made available within 2 Business Days of the transaction request. Exchanges, allocation changes and beneficiary changes, name/address changes and enrollment confirmations are included.	\$25 for each confirmation statement delayed	All confirmations mailed within 2 business days of transaction.
<b>Fund Balance Exchanges</b>	Processed same day if initiated prior to the close of the New York Stock Exchange.	\$25 for each occurrence delayed	100% of exchanges were processed the same day for 1Q2023.
<b>Termination/In Service Withdrawals/Rollover Distributions</b>	99% of withdrawals processed within 1 Business Day of the receipt of the request provided the request is received in good order by 4pm ET; processed the next Business Day if received after 4pm ET.  Payment issued within 3 Business Days of processing.	\$1,500 per month plus \$50 per day for each check outstanding	100.00% of withdrawals processed within 1 business day of receipt in good order.

\*Nationwide is willing to place \$50,000 annual at risk.

## Performance Guarantees (Continued)

Service	Service Standard	Reimbursement Amount	Current Status - YTD as of 3/31/2023
<b>Contributions Processed and Posted to Investments</b>	100% processed in compliance with the standard below.  <b>Standard:</b> Contributions (with complete and accurate Payroll data) received by close of business on the NYSE (4pm ET) will be processed that Business Day; processed the next Business Day if received after 4pm ET.	Nationwide will correct as of the original effective date, at its expense, any errors it commits in processing contributions sent by the Plan Sponsor as provided in the Agreement.  \$2,500 for each payroll submission that is not posted in accordance with the Standard.	All contributions processed in accordance with the Standard
<b>Plan Performance Reviews</b>	Fund and Plan Performance Reviews and Reports will be provided quarterly within thirty (30) days of quarter close to the Committee and its advisors.	\$5,000 per occurrence	Reporting was posted to the Plan's website within 30 business days of quarter end. All applicable data for the Plan's Consultant was provided within 30 business days of quarter end.
<b>Participant Educational Services / Communications Group Meetings</b>	As provided in the Agreement and except as otherwise mutually agreed to in writing with the Committee, Nationwide will conduct 9,000 individual consultations, two hundred thirty-six (236) Countywide site visits, webinars and group workshops annually (virtually/in-person). Nationwide will document the number of Participants, physical location utilized or virtual format, and topics covered as part of the Plan Performance Review.	\$5,000 annually	3,470 individual meetings were held 1Q2023.  62 participant group workshops/meetings were held 1Q2023.
<b>Participant Satisfaction</b>	A mutually agreed rating of <b>Satisfied to Very Satisfied</b> on a 5-point scale for Overall Plan Satisfaction, with the Annual Participant Satisfaction Survey after surveying (receiving a survey response), at a minimum, from a statistically significant sample of Plan Participants. The Scale is as follows: 1 – Very Dissatisfied; 2 – Dissatisfied; 3 – Neutral; 4 – Satisfied; 5 – Very Satisfied, or "N/A – No basis to provide an opinion".	\$15,000 annually	The 2023 survey will be completed in September/October.



## Performance Guarantees (Continued)

Service	Service Standard	Reimbursement Amount	Current Status - YTD as of 3/31/2023
<b>Client Satisfaction</b>	Nationwide will administer transactional satisfaction surveys with Participants following individual consultations and attendance at group workshops and/or webinars as conducted by the local Chicago service staff. The survey will be developed jointly with the Committee, fielded monthly, and the results will be shared with the Committee and considered when developing educational plans and while providing Plan Services. Further, Nationwide will provide quarterly results of the call center transactional survey on an aggregate level for the Committee's review.	\$15,000 annually	The consultation and webinar surveys have been developed and are being fielded on a monthly basis for those participants who meet with a retirement specialist or attend a group meeting/webinar. Results will be shared with the Committee as soon as they are available.
<b>Implementation of all New Fund Changes</b>	If a requested investment option is not added within seventy (70) calendar days, after a trading agreement with the investment provider has been established by NATIONWIDE and direction to add has been provided by the Plan in good order, a non-performance fee of \$5,000 will be paid to the plan, per occurrence.	\$5,000 per event	Fund changes occurred on March 31, 2023, in accordance with agreed upon implementation date.
<b>Written Replies and Resolution to Escalated</b>	Acknowledgment issued in writing or via e-mail within 5 Business Days from the receipt of a mailed written or e-mailed inquiry. 90% resolved within 10 Business Days.	\$150 per transaction	All acknowledgements issued within 5 business days of receipt of inquiry.  100% of formal complaints were resolved within 10 business days.