## County of Cook, IL

Deferred Compensation Plan
As of June 30, 2020


Nationwide ${ }^{\circ}$
is on your side

## Plan Assets

## Asset Growth*


*As of June 30, 2020

## Assets by Investment Option*

Investment Option $\quad$ Assets $\quad$ of Total

| Asset Allocation |  |  |  |
| :--- | :--- | ---: | :--- |
| Vanguard LifeStrategy Moderate Growth Fund (Investor Shares) | $\$$ | $44,595,691.67$ | $2.59 \%$ |
| Vanguard LifeStrategy Growth Fund (Investor Shares) | $\$$ | $41,072,898.69$ | $2.39 \%$ |
| Vanguard LifeStrategy Conservative Growth Fund (Investor Shares) | $\$$ | $16,039,289.13$ | $0.93 \%$ |
| T. Rowe Price Retirement 2025 Fund (Investor Class) | $\$$ | $8,179,242.50$ | $0.48 \%$ |
| T. Rowe Price Retirement 2030 Fund (Investor Class) | $\$$ | $4,565,522.73$ | $0.27 \%$ |
| T. Rowe Price Retirement 2035 Fund (Investor Class) | $\$$ | $3,617,035.65$ | $0.21 \%$ |
| T. Rowe Price Retirement 2040 Fund (Investor Class) | $\$$ | $3,453,096.30$ | $0.20 \%$ |
| T. Rowe Price Retirement 2020 Fund (Investor Class) | $\$$ | $3,420,372.41$ | $0.20 \%$ |
| T. Rowe Price Retirement 2045 Fund (Investor Class) | $\$$ | $2,963,474.43$ | $0.17 \%$ |
| T. Rowe Price Retirement 2050 Fund (Investor Class) | $\$$ | $2,475,781.45$ | $0.14 \%$ |
| T. Rowe Price Retirement 2055 Fund (Investor Class) | $\$$ | $1,314,953.31$ | $0.08 \%$ |
| T. Rowe Price Retirement 2015 Fund (Investor Class) | $\$$ | $873,356.93$ | $0.05 \%$ |
| T. Rowe Price Retirement 2010 Fund (Investor Class) | $\$$ | $240,386.56$ | $0.01 \%$ |
| Total | $\mathbf{\$}$ | $\mathbf{1 3 2 , 8 1 1 , 1 0 1 . 7 6}$ | $\mathbf{7 . 7 2 \%}$ |
|  |  |  |  |
| International Stocks | $\$$ | $72,371,359.19$ | $4.21 \%$ |
| EuroPacific Growth Fund (Class R5) | $\$$ | $57,139,142.78$ | $3.32 \%$ |
| Capital World Growth \& Income Fund (Class R6) | $\$$ | $\mathbf{1 2 9 , 5 1 0 , 5 0 1 . 9 7}$ | $\mathbf{7 . 5 3 \%}$ |

*As of June 30, 2020

## Assets by Investment Option*

| Investment Option |  | Assets | \% of Total |
| :--- | ---: | ---: | :---: |
| Small-Cap Stocks |  |  |  |
| Vanguard Small-Cap Index Fund (Institutional Shares) | $\$$ | $23,115,380.52$ | $1.34 \%$ |
| Neuberger Berman Genesis Fund (Institutional Class) | $20,929,596.35$ | $1.22 \%$ |  |
| William Blair Small Cap Growth Fund (Class I) | $\$$ | $17,198,963.56$ | $1.00 \%$ |
| Victory Sycamore Small Company Opportunity Fund (Class I) | $\$$ | $7,306,917.87$ | $0.42 \%$ |
| Total | $\$$ | $68,550,858.30$ | $3.98 \%$ |
|  |  |  |  |
| Mid-Cap Stocks | $\$$ | $32,857,367.38$ | $1.91 \%$ |
| Vanguard Mid-Cap Index Fund (Institutional Shares) | $\$$ | $23,818,405.24$ | $1.38 \%$ |
| JP Morgan Mid Cap Value Fund (Class L) | $\$$ | $56,675,772.62$ | $3.29 \%$ |
| Total |  |  |  |
| Large-Cap Stocks | $\$$ | $251,053,897.38$ | $14.59 \%$ |
| Fidelity Contrafund (Class K6) | $\$$ | $154,311,997.82$ | $8.97 \%$ |
| Vanguard Institutional Index Fund (Institutional Shares) | $\$$ | $80,704,582.03$ | $4.69 \%$ |
| Growth Fund of America (Class R6) | $\$$ | $42,280,930.09$ | $2.46 \%$ |
| T. Rowe Price U.S. Equity Research Fund (I Class) | $\$$ | $38,123,594.60$ | $2.22 \%$ |
| American Century Large Company Value Fund (Class R6) | $\$$ | $29,555,385.95$ | $1.72 \%$ |
| Invesco Growth and Income Fund (Class Y) | $\$$ | $596,030,387.87$ | $34.64 \%$ |

## Assets by Investment Option*

|  | Investment Option | Assets | \% of Total |
| :--- | :---: | :---: | :---: |
| Balanced | $\$$ | $2,615,914.28$ | $0.15 \%$ |
| T. Rowe Price Retirement Balanced Fund (Investor Class) | $\$$ | $110,734,328.14$ | $6.44 \%$ |
| Bonds | $\$$ | $586,718,078.83$ | $34.10 \%$ |
| Dodge \& Cox Income Fund | $\$$ | $4,751,995.07$ | $0.28 \%$ |
| Short-Term Investments | $\$$ |  |  |
| Cook County Blended Fixed Option | $\mathbf{3 2 , 2 3 8 , 9 6 1 . 1 4}$ | $1.87 \%$ |  |
| Self-Directed Option | $\mathbf{\$ 1 , 7 2 0 , 6 3 7 , 8 9 9 . 9 8}$ | $\mathbf{1 0 0 . 0 0 \%}$ |  |
| Loans |  |  |  |
| Loan Outstanding Principal |  |  |  |

## Assets by Investment Category*


*As of June 30, 2020

## Assets by Participant Age Group and Asset Class*

| Age Group | Asset Allocation | International | Small-Cap | Mid-Cap | Large-Cap | Balanced | Bonds | Short-Term Investments | SDO | Loans | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | \$43,544 | \$72,207 | \$18,333 | \$10,974 | \$217,848 | \$107 | \$47,063 | \$221,229 | \$0 | \$8,692 | \$639,997 |
| 26 to 35 | \$4,539,090 | \$3,664,082 | \$1,461,171 | \$804,744 | \$7,371,461 | \$142,817 | \$725,277 | \$4,063,291 | \$390,067 | \$974,555 | \$24,136,554 |
| 36 to 45 | \$17,948,159 | \$17,007,476 | \$8,363,316 | \$6,812,687 | \$40,048,575 | \$40,940 | \$5,169,907 | \$23,639,240 | \$427,529 | \$5,997,439 | \$125,455,269 |
| 46 to 55 | \$38,198,341 | \$49,258,166 | \$26,748,772 | \$18,411,652 | \$179,674,813 | \$1,350,214 | \$28,227,902 | \$90,997,888 | \$1,723,298 | \$14,520,988 | \$449,112,033 |
| 56 to 65 | \$46,029,250 | \$43,577,071 | \$22,279,693 | \$19,974,064 | \$219,012,636 | \$785,291 | \$49,592,414 | \$216,920,668 | \$1,875,586 | \$8,940,074 | \$628,986,748 |
| 66 \& Over | \$26,028,035 | \$15,835,080 | \$9,655,075 | \$10,661,651 | \$149,535,527 | \$296,545 | \$26,900,839 | \$250,838,376 | \$335,515 | \$1,797,213 | \$491,883,856 |
| N/A | \$24,683 | \$96,421 | \$24,498 | \$0 | \$169,528 | \$0 | \$70,925 | \$37,387 | \$0 | \$0 | \$423,442 |
| Total | \$132,811,102 | \$129,510,502 | \$68,550,858 | \$56,675,773 | \$596,030,388 | \$2,615,914 | \$110,734,328 | \$586,718,079 | \$4,751,995 | \$32,238,961 | \$1,720,637,900 |

## Percentage of Assets by Asset Class within Age Group


*As of June 30, 2020

## Assets by Participant Age Group and Averages*

| Age | Participants** | Assets | $\%$ of Total | Avg Balance |
| :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | 113 | $\$ 639,997$ | $0.04 \%$ | $\$ 5,664$ |
| 26 to 35 | 1,937 | $\$ 24,136,554$ | $1.40 \%$ | $\$ 12,461$ |
| 36 to 45 | 3,819 | $\$ 125,455,269$ | $7.29 \%$ | $\$ 32,850$ |
| 46 to 55 | 5,944 | $\$ 449,112,033$ | $26.10 \%$ | $\$ 75,557$ |
| 56 to 65 | 5,347 | $\$ 628,986,748$ | $36.56 \%$ | $\$ 117,634$ |
| 66 \& Over | 3,346 | $\$ 491,883,856$ | $28.59 \%$ | $\$ 147,007$ |
| N/A | 2 | $\$ 423,442$ | $0.02 \%$ | $\$ 211,721$ |
| Total: | $\mathbf{2 0 , 5 0 8}$ | $\mathbf{\$ 1 , 7 2 0 , 6 3 7}, 899$ | $\mathbf{1 0 0 . 0 0 \%}$ | $\$ 83,901$ |

* Represents the number of participants with a balance on June 30, 2020.

Blended Fixed Breakdown

## Cook County Blended Fixed Option



GSA Investment Manager*
Ramirez Asset
Management
$100 \%$

| Product Provider | 3rd Quarter <br> 2020 Interest <br> Yield | $6 / 30 / 2020$ Book <br> Value | $6 / 30 / 2020$ Market <br> Value | Net Purchase <br> Allocation <br> 3Q2020 | Net Redemption <br> Allocation <br> 3Q2020 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Nationwide GSA | $2.46 \%$ | $\$ 165,116,821$ | $\$ 173,999,875$ | $33 \%$ | $28 \%$ |
| Nationwide Life Insurance Company | $2.90 \%$ | $\$ 276,169,317$ | $\$ 276,169,317$ | $34 \%$ | $47 \%$ |
| MassMutual Life Insurance Company | $3.00 \%$ | $\$ 145,470,221$ | $\$ 145,470,221$ | $33 \%$ | $25 \%$ |
| Cook County Blended Fixed \# | $2.83 \%$ | $\$ 586,718,079$ | $\$ 595,639,413$ |  |  |

[^0]
## Cook County Blended Fixed Option <br> 3-Year Yield History

|  | 2018 |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Product | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
| Nationwide Life (Gen. Acct.) | $3.15 \%$ | $3.15 \%$ | $3.10 \%$ | $3.05 \%$ |
| MassMutual Life Insurance Company | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |
| Nationwide Life (GSA) | $2.72 \%$ | $2.81 \%$ | $2.94 \%$ | $2.89 \%$ |
| Blended Rate | $\mathbf{3 . 0 0 \%}$ | $\mathbf{3 . 0 2 \%}$ | $\mathbf{3 . 0 3 \%}$ | $\mathbf{3 . 0 0 \%}$ |


|  | 2019 |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Product | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
| Nationwide Life (Gen. Acct.) | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |
| MassMutual Life Insurance Company | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |
| Nationwide Life (GSA) | $2.93 \%$ | $2.92 \%$ | $2.97 \%$ | $2.95 \%$ |
| Blended Rate | $\mathbf{3 . 0 0 \%}$ | $\mathbf{2 . 9 8 \%}$ | $\mathbf{2 . 9 9 \%}$ | $\mathbf{2 . 9 9 \%}$ |


|  | 2020 |  |  |
| :--- | ---: | ---: | ---: |
| Product | 1st Quarter | 2nd Quarter | 3rd Quarter |
| 4th Quarter |  |  |  |
| Mationwide Life (Gen. Acct.) | $3.00 \%$ | $2.95 \%$ | $2.90 \%$ |
|  |  |  |  |
| MassMutual Life Insurance Company | $3.00 \%$ | $3.00 \%$ | $3.00 \%$ |
| Nationwide Life (GSA) | $2.75 \%$ | $2.75 \%$ | $2.46 \%$ |
| Blended Rate | $\mathbf{2 . 9 3} \%$ | $\mathbf{2 . 9 1 \%}$ | $\mathbf{2 . 8 3 \%}$ |

## Self-Directed Option*

| Date | Beginning Balance | Transfers TO <br> Schwab | Transfers <br> FROM Schwab | Ending Balance | Participants |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2Q19 | $\$ 3,812,984$ | $\$ 36,218$ | $\$ 87,067$ | $\$ 4,605,145$ | 75 |
| 3Q19 | $\$ 4,605,145$ | $\$ 5,000$ | $\$ 72,860$ | $\$ 3,989,757$ | 75 |
| 4Q19 | $\$ 3,989,757$ | $\$ 62,974$ | $\$ 31,884$ | $\$ 4,125,518$ | 77 |
| 1Q20 | $\$ 4,125,518$ | $\$ 107,391$ | $\$ 191,810$ | $\$ 3,125,221$ | 75 |
| 2Q20 | $\$ 3,125,221$ | $\$ 133,098$ | $\$ 26,566$ | $\$ 4,718,302$ | 79 |

## Plan Deferrals

## Deferral Growth*


*As of June 30, 2020 YTD

## Deferrals by Investment Option*

## Investment Option Deferrals \% of Total

| Asset Allocation |  |  |  |
| :--- | ---: | ---: | :---: |
| Vanguard LifeStrategy Growth Fund (Investor Shares) | $\$$ | $1,853,397.68$ | $5.06 \%$ |
| Vanguard LifeStrategy Moderate Growth Fund (Investor Shares) | $\$$ | $831,386.36$ | $2.27 \%$ |
| Vanguard LifeStrategy Conservative Growth Fund (Investor Shares) | $\$$ | $389,249.92$ | $1.06 \%$ |
| T. Rowe Price Retirement 2040 Fund (Investor Class) | $\$$ | $376,281.17$ | $1.03 \%$ |
| T. Rowe Price Retirement 2030 Fund (Investor Class) | $\$$ | $312,701.48$ | $0.85 \%$ |
| T. Rowe Price Retirement 2050 Fund (Investor Class) | $\$$ | $281,363.46$ | $0.77 \%$ |
| T. Rowe Price Retirement 2035 Fund (Investor Class) | $\$$ | $264,210.62$ | $0.72 \%$ |
| T. Rowe Price Retirement 2045 Fund (Investor Class) | $\$$ | $249,920.18$ | $0.68 \%$ |
| T. Rowe Price Retirement 2025 Fund (Investor Class) | $\$$ | $211,245.68$ | $0.58 \%$ |
| T. Rowe Price Retirement 2055 Fund (Investor Class) | $\$$ | $147,049.22$ | $0.40 \%$ |
| T. Rowe Price Retirement 2020 Fund (Investor Class) | $\$$ | $116,808.45$ | $0.32 \%$ |
| T. Rowe Price Retirement 2010 Fund (Investor Class) | $\$$ | $27,480.75$ | $0.08 \%$ |
| T. Rowe Price Retirement 2015 Fund (Investor Class) | $\$$ | $22,827.40$ | $0.06 \%$ |
| Total | $\mathbf{\$}$ | $\mathbf{5 , 0 8 3 , 9 2 2 . 3 7}$ | $\mathbf{1 3 . 8 8 \%}$ |
|  |  |  |  |
| International Stocks | $\$$ | $2,706,137.41$ | $7.39 \%$ |
| EuroPacific Growth Fund (Class R5) | $\$$ | $1,948,513.34$ | $5.32 \%$ |
| Capital World Growth \& Income Fund (Class R6) | $\$$ | $\mathbf{4 , 6 5 4 , 6 5 0 . 7 5}$ | $\mathbf{1 2 . 7 1 \%}$ |

*As of June 30, 2020 YTD

## Deferrals by Investment Option*

| Investment Option | Deferrals |  | \% of Total |
| :---: | :---: | :---: | :---: |
| Small-Cap Stocks |  |  |  |
| Vanguard Small-Cap Index Fund (Institutional Shares) | \$ | 735,749.03 | 2.01\% |
| Neuberger Berman Genesis Fund (Institutional Class) | \$ | 694,939.17 | 1.90\% |
| William Blair Small Cap Growth Fund (Class I) | \$ | 419,002.36 | 1.14\% |
| Victory Sycamore Small Company Opportunity Fund (Class I) | \$ | 373,632.90 | 1.02\% |
| Total | \$ | 2,223,323.46 | 6.07\% |
| Mid-Cap Stocks |  |  |  |
| Vanguard Mid-Cap Index Fund (Institutional Shares) | \$ | 955,397.88 | 2.61\% |
| JP Morgan Mid Cap Value Fund (Class L) | \$ | 605,116.71 | 1.65\% |
| Total | \$ | 1,560,514.59 | 4.26\% |
| Large-Cap Stocks |  |  |  |
| Fidelity Contrafund (Class K6) | \$ | 2,433,604.10 | 6.64\% |
| Vanguard Institutional Index Fund (Institutional Shares) | \$ | 3,100,044.42 | 8.46\% |
| The Growth Fund of America (Class R6) | \$ | 1,581,937.92 | 4.32\% |
| T. Rowe Price U.S. Equity Research Fund (I Class) | \$ | 1,361,292.26 | 3.72\% |
| American Century Large Company Value Fund (Class R6) | \$ | 1,215,678.94 | 3.32\% |
| Invesco Growth and Income Fund (Class Y) | \$ | 863,753.26 | 2.36\% |
| Total | \$ | 10,556,310.90 | 28.82\% |

*As of June 30, 2020 YTD

## Deferrals by Investment Option*

|  | Investment Option | Deferrals |
| :--- | :---: | :---: |
| \% of Total |  |  |
| Balanced | $\$$ |  |
| T. Rowe Price Retirement Balanced Fund (Investor Class) |  |  |
| Bonds | $\$ 07,486.66$ | $0.29 \%$ |
| Dodge \& Cox Income Fund | $2,698,763.69$ | $7.37 \%$ |
| Short-Term Investments | $\$$ | $9,744,579.91$ |
| Cook County Blended Fixed Option | $\$$ | $\mathbf{3 6 , 6 2 9 , 5 5 2 . 3 3}$ |
| Total: | $\mathbf{1 0 0 . 0 0 \%}$ |  |

## Deferrals by Investment Category*


*As of June 30, 2020 YTD

## Deferrals by Participant Age Group and Asset Class*

| Age <br> Group | Asset <br> Allocation | Int'l | Small-Cap | Mid-Cap | Large-Cap | Balanced | Bonds |  |  |  |  |  | Short-Term <br> Investments | Total |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | $\$ 12,564$ | $\$ 22,123$ | $\$ 6,657$ | $\$ 1,917$ | $\$ 34,275$ | $\$ 65$ | $\$ 5,066$ | $\$ 6,370$ | $\$ 89,036$ |  |  |  |  |  |
| 26 to 35 | $\$ 660,833$ | $\$ 533,663$ | $\$ 195,565$ | $\$ 102,855$ | $\$ 933,632$ | $\$ 28,324$ | $\$ 88,936$ | $\$ 388,600$ | $\$ 2,932,408$ |  |  |  |  |  |
| 36 to 45 | $\$ 1,312,862$ | $\$ 1,077,346$ | $\$ 484,454$ | $\$ 326,679$ | $\$ 2,156,192$ | $\$ 8,048$ | $\$ 315,195$ | $\$ 1,322,453$ | $\$ 7,003,229$ |  |  |  |  |  |
| 46 to 55 | $\$ 1,678,749$ | $\$ 1,754,420$ | $\$ 919,925$ | $\$ 656,130$ | $\$ 4,203,770$ | $\$ 40,579$ | $\$ 955,243$ | $\$ 3,108,268$ | $\$ 13,317,084$ |  |  |  |  |  |
| 56 to 65 | $\$ 1,187,065$ | $\$ 1,116,780$ | $\$ 535,961$ | $\$ 387,377$ | $\$ 2,750,663$ | $\$ 19,260$ | $\$ 1,082,825$ | $\$ 3,767,789$ | $\$ 10,847,722$ |  |  |  |  |  |
| 66 \& Over | $\$ 231,850$ | $\$ 150,318$ | $\$ 80,761$ | $\$ 85,558$ | $\$ 477,779$ | $\$ 11,211$ | $\$ 251,498$ | $\$ 1,151,099$ | $\$ 2,440,074$ |  |  |  |  |  |
| Total | $\$ 5,083,922$ | $\$ 4,654,651$ | $\$ 2,223,323$ | $\$ 1,560,515$ | $\$ 10,556,311$ | $\$ 107,487$ | $\$ 2,698,764$ | $\$ 9,744,580$ | $\$ 36,629,552$ |  |  |  |  |  |

Percentage of Deferrals by Asset Class within Age Group

*As of June 30, 2020 YTD

## Deferrals by Participant Age and Averages*

| Age | Participants $^{* *}$ | Deferrals | \% of Total | Avg Def (YTD) |
| :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | 87 | $\$ 89,036$ | $0.24 \%$ | $\$ 1,023$ |
| 26 to 35 | 1,581 | $\$ 2,932,408$ | $8.01 \%$ | $\$ 1,855$ |
| 36 to 45 | 3,106 | $\$ 7,003,229$ | $19.12 \%$ | $\$ 2,255$ |
| 46 to 55 | 4,665 | $\$ 13,317,084$ | $36.36 \%$ | $\$ 2,855$ |
| 56 to 65 | 2,989 | $\$ 10,847,722$ | $29.61 \%$ | $\$ 3,629$ |
| 66 \& Over | 562 | $\$ 2,440,074$ | $6.66 \%$ | $\$ 4,342$ |
| Total: | $\mathbf{1 2 , 9 9 0}$ | $\$ 36,629,553$ | $\mathbf{1 0 0 . 0 0 \%}$ | $\$ 2,820$ |

## Transfers/Rollovers In by Age Group*

Total Dollar Amounts


| Age Group | 2Q19 | 3Q19 | 4Q19 | $\mathbf{1 Q 2 0}$ | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | $\$ 2,133$ | $\$ 2,841$ | $\$ 9,030$ | $\$ 14,817$ | $\$ 0$ |
| $26-35$ | $\$ 84,043$ | $\$ 149,077$ | $\$ 105,963$ | $\$ 128,138$ | $\$ 32,844$ |
| $36-45$ | $\$ 203,936$ | $\$ 207,224$ | $\$ 166,792$ | $\$ 135,612$ | $\$ 13,362$ |
| $46-55$ | $\$ 597,914$ | $\$ 660,067$ | $\$ 700,533$ | $\$ 714,257$ | $\$ 263,347$ |
| $56-65$ | $\$ 666,169$ | $\$ 554,102$ | $\$ 1,448,647$ | $\$ 704,678$ | $\$ 449,839$ |
| 66 \& Older | $\$ 161,596$ | $\$ 160,552$ | $\$ 341,344$ | $\$ 314,593$ | $\$ 295,054$ |
| Total | $\$ 1,715,791$ | $\$ 1,733,861$ | $\$ 2,772,309$ | $\$ 2,012,095$ | $\$ 1,054,446$ |



| Age Group | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 25 \& Under | 4 | 1 | 3 | 1 | 0 |
| $26-35$ | 10 | 10 | 10 | 11 | 3 |
| $36-45$ | 10 | 12 | 11 | 8 | 2 |
| $46-55$ | 11 | 23 | 21 | 20 | 14 |
| $56-65$ | 27 | 31 | 32 | 27 | 19 |
| 66 \& Older | 7 | 8 | 8 | 13 | 15 |
| Total | 69 | 85 | 85 | 80 | 53 |

*As of June 30, 2020

## Distributions

## Withdrawals*



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Distributed | $\$ 20,436,928$ | $\$ 21,496,248$ | $\$ 23,535,450$ | $\$ 29,672,643$ | $\$ 26,200,455$ |
| Total Withdrawals | 2,312 | 2,464 | 3,054 | 2,437 | 2,604 |
| Total Participants | 1,299 | 1,419 | 1,998 | 1,393 | $\mathbf{1 , 5 9 7}$ |

*As of June 30, 2020

## Partial/Lump Sum Distribution Activity*



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Distributed | $\$ 7,394,993$ | $\$ 8,578,436$ | $\$ 7,119,040$ | $\$ 10,744,072$ | TBD |

*As of June 30, 2020

## Unforeseeable Emergency Distribution Activity*



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Distributed | $\$ 350,461$ | $\$ 296,236$ | $\$ 373,205$ | $\$ 415,109$ | TBD |



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Total Withdrawals | 91 | 134 | 112 | 88 | TBD |
| Total Participants | 73 | 106 | 82 | 65 | TBD |

*As of June 30, 2020

## Systematic Withdrawal Activity*

Total Dollar Amounts


|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Distributed | $\$ 2,430,738$ | $\$ 2,620,190$ | $\$ 6,936,081$ | $\$ 2,802,364$ | TBD |



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Total Withdrawals | 1,549 | 1,604 | 2,261 | 1,587 | TBD |
| Total Participants | 653 | 714 | 1,353 | 672 | TBD |

*As of June 30, 2020

## Transfers/Rollovers Out Activity*



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2 Q20 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Total Distributed | $\$ 9,846,960$ | $\$ 9,917,347$ | $\$ 9,255,823$ | $\$ 15,081,304$ | $\$ 7,125,434$ |



|  | 2Q19 | 3Q19 | 4Q19 | 1Q20 | 2Q20 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Total Withdrawals | 83 | 73 | 71 | 75 | 59 |
| Total Participants | 79 | 71 | 66 | 73 | 58 |

*As of June 30, 2020

## Transfers/Rollovers Out Activity*

| Receiving Institution | 1 Q20 |
| :--- | :---: | ---: |
| Number |  | 1Q20 Amount

## Loans*

| Quarter | Total <br> Outstanding <br> (Active) | Total Amount <br> Outstanding <br> (Active) | Average Amount <br> Outstanding <br> (Active) | Newly Defaulted | Amount Defaulted | Total Defaulted | Total Default <br> Principal Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2Q2019 | 5,444 | $\$ 32,921,234$ | $\$ 6,047$ | 117 | $\$ 630,625$ | 1,455 | $\$ 8,149,649$ |
| 3Q2019 | 5,666 | $\$ 33,906,824$ | $\$ 5,984$ | 149 | $\$ 780,491$ | 1,574 | $\$ 8,724,413$ |
| 4Q2019 | 5,890 | $\$ 34,193,352$ | $\$ 5,805$ | 181 | $\$ 835,922$ | 1,799 | $\$ 9,684,791$ |
| 1Q2020 | 5,868 | $\$ 33,703,238$ | $\$ 5,744$ | 141 | $\$ 663,705$ | 1,893 | $\$ 10,096,519$ |
| 2Q2020 | 5,786 | $\$ 32,238,866$ | $\$ 5,572$ | 85 | $\$ 462,548$ | 1,922 | $\$ 10,159,843$ |

*As of June 30, 2020

## Loans*

| Quarter | Loans Initiated | Loan Amount | Avg Loan Amount | Amount $<5,000$ | Amount $>=\$ 5,000$ | General Purpose | Primary Residence |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2Q2019 | 627 | $\$ 4,231,689$ | $\$ 6,749$ | 357 | 270 | 622 | 5 |
| 3Q2019 | 768 | $\$ 5,214,280$ | $\$ 6,789$ | 429 | 339 | 760 | 8 |
| 4Q2019 | 626 | $\$ 4,507,377$ | $\$ 7,200$ | 366 | 260 | 619 | 7 |
| 1Q2020 | 480 | $\$ 3,741,970$ | $\$ 7,796$ | 237 | 243 | 477 | 3 |
| 2Q2020 | 291 | $\$ 2,944,358$ | $\$ 10,118$ | 118 | 173 | 285 | 6 |

*As of June 30, 2020

## Participation

## Participant Growth Information*


**Total Active is defined as the total of the following account statuses: Unrestricted + Administrative Hold + Awaiting 1st Deferral + Statement Maintenance + Systematic Withdrawal.
Actively Contributing represents the number of participants who deferred during the year.
*As of June 30, 2020

## Service Statistics

## Service Statistics

| Contact | 2019 | YTD 2Q20 |
| :--- | :---: | :---: |
| Work-place visits | 568 | 102 |
| New enrollments | 1,093 | 356 |
| Contribution elections | 5,157 | 2,598 |
| Calls to Retirement Resource Group | 1,422 | 671 |
| Walk-in visits to local office | 639 | 137 |
| Voice response unit calls | 7,437 | 3,529 |
| Web-site hits (www.CookCountyDC.com) | 669,124 | 452,878 |
| My Investment Planner Advice | 307 | 307 |

## ProAccount Managed Account Activity

## ProAccount Managed Account Activity*


*As of June 30, 2020

## ProAccount Managed Account Activity*



Average Assets per Participant

*As of June 30, 2020

Reserve Account Activity

## 2nd Quarter 2020 Revenue Calculation*

| Investment Option | Gross Expense Ratio | Annual Fund Reimbursement Rate | $4 / 30 / 2020$ Account Value | $\begin{gathered} 5 / 31 / 2020 \\ \text { Account Value } \end{gathered}$ | $\begin{gathered} 6 / 30 / 2020 \\ \text { Account Value } \end{gathered}$ | 2Q2020 Fund Reimbursement Revenue | Plan Compensation $(0.0075 \%)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| American Century Large Company Value Fund - Class R6 | 0.49\% | 0.00\% | 34,199,338 | 38,419,290 | 38,123,595 |  | (680) |
| American Funds Capital World Growth \& Income - Class R6 | 0.42\% | 0.00\% | 54,852,900 | 55,445,847 | 57,139,142 |  | $(1,034)$ |
| Cook County Blended Fixed Option | N/A | 0.00\% | 584,283,067 | 582,560,972 | 586,718,079 | - | $(10,920)$ |
| Dodge \& Cox Income Fund | 0.42\% | 0.08\% | 107,586,643 | 108,956,047 | 110,734,329 | 21,699 | $(2,027)$ |
| EuroPacific Growth Fund(R) - Class R5 | 0.51\% | 0.05\% | 67,990,369 | 68,880,053 | 72,371,359 | 8,670 | $(1,297)$ |
| Fidelity Contrafund K6 | 0.45\% | 0.00\% | 230,367,709 | 245,726,479 | 251,053,898 |  | $(4,517)$ |
| Invesco Growth and Income Fund - Class Y | 0.57\% | 0.25\% | 25,982,662 | 29,826,595 | 29,555,386 | 17,697 | (521) |
| JPMorgan Mid Cap Value Fund - Class L | 0.86\% | 0.10\% | 22,815,799 | 23,773,599 | 23,818,405 | 5,836 | (437) |
| Loan | N/A | 0.00\% | 33,296,437 | 32,780,340 | 32,238,867 | - |  |
| Neuberger Berman Genesis Fund - Institutional Class | 0.85\% | 0.10\% | 21,554,062 | 20,776,296 | 20,929,596 | 5,242 | (381) |
| Schwab Personal Choice Retirement Account | N/A | 0.00\% | 3,993,069 | 4,311,325 | 4,751,995 |  |  |
| T. Rowe Price Retirement Balanced Fund | 0.51\% | 0.15\% | 2,363,122 | 2,572,664 | 2,615,914 | 939 | (47) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2010 Fund | 0.53\% | 0.15\% | 238,751 | 250,695 | 240,387 | 91 | (5) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2015 Fund | 0.56\% | 0.15\% | 830,721 | 860,839 | 873,357 | 319 | (16) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2020 Fund | 0.59\% | 0.15\% | 3,032,974 | 3,127,387 | 3,420,373 | 1,191 | (59) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2025 Fund | 0.63\% | 0.15\% | 7,369,350 | 7,603,945 | 8,179,242 | 2,878 | (144) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2030 Fund | 0.66\% | 0.15\% | 4,172,478 | 4,425,998 | 4,565,523 | 1,637 | (82) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2035 Fund | 0.68\% | 0.15\% | 3,285,420 | 3,483,022 | 3,617,036 | 1,291 | (64) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2040 Fund | 0.70\% | 0.15\% | 3,117,857 | 3,316,467 | 3,453,096 | 1,229 | (61) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2045 Fund | 0.71\% | 0.15\% | 2,663,346 | 2,842,127 | 2,963,474 | 1,053 | (53) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2050 Fund | 0.71\% | 0.15\% | 2,208,204 | 2,367,813 | 2,475,781 | 877 | (44) |
| T. Rowe Price Retirement Funds, Inc. - T. Rowe Price Retirement 2055 Fund | 0.72\% | 0.15\% | 1,186,866 | 1,277,244 | 1,314,953 | 470 | (23) |
| T. Rowe Price U.S. Equity Research Fund - I Class | 0.38\% | 0.00\% | 38,266,067 | 41,602,825 | 42,280,930 |  | (753) |
| The Growth Fund of America(R) - Class R6 | 0.31\% | 0.00\% | 71,424,107 | 77,959,332 | 80,704,582 | - | $(1,422)$ |
| Vanguard(R) Institutional Index Fund - Institutional Shares | 0.035\% | 0.00\% | 145,877,409 | 152,354,626 | 154,311,998 | - | $(2,828)$ |
| Vanguard(R) LifeStrategy(R) Conservative Growth Fund | 0.12\% | 0.00\% | 15,542,032 | 15,932,496 | 16,039,289 | - | (295) |
| Vanguard(R) LifeStrategy(R) Growth Fund | 0.14\% | 0.00\% | 38,809,351 | 40,231,088 | 41,072,899 |  | (748) |
| Vanguard(R) LifeStrategy(R) Moderate Growth Fund | 0.13\% | 0.00\% | 42,408,103 | 43,882,187 | 44,595,692 | - | (813) |
| Vanguard(R) Mid-Cap Index Fund - Institutional Shares | 0.04\% | 0.00\% | 31,076,902 | 33,084,709 | 32,857,367 | - | (603) |
| Vanguard(R) Small-Cap Index Fund - Institutional Shares | 0.04\% | 0.00\% | 21,292,317 | 22,817,947 | 23,115,380 | - | (418) |
| Victory Sycamore Small Company Opportunity Fund - Class I | 0.92\% | 0.10\% | 9,458,667 | 7,449,772 | 7,306,918 | 2,005 | (140) |
| William Blair Small Cap Growth Fund - Class I | 1.27\% | 0.15\% | 15,535,524 | 16,871,012 | 17,198,963 | 6,168 | (309) |
| Total |  |  | 1,647,081,627 | 1,695,771,040 | 1,720,637,805 | 79,290 | $(30,741)$ |

[^1]
## 2nd Quarter 2020 Reserve Account Activity*

| Activity | Date | Amount |
| :--- | ---: | ---: |
| Beginning Balance | $4 / 1 / 2020$ | $\$ 821,913$ |
| 1Q20 Reserve Account Deposit | $4 / 3 / 2020$ | $\$ 29,956$ |
| Morgan, Lewis, \& Bockius LLP - Invoice \# 4412392 | $4 / 28 / 2020$ | $(\$ 6,560)$ |
| Callan LLC Invoice \# SI-2004029 | $5 / 14 / 2020$ | $(\$ 30,000)$ |
| Morgan, Lewis, \& Bockius LLP - Invoice \# 4440701 | $6 / 22 / 2020$ | $(\$ 1,248)$ |
| Investment Performance (Vanguard Treasury Money Market Fund) | $6 / 30 / 2020$ | $\$ 696$ |
| Ending Balance | $6 / 30 / 2020$ | $\$ 814,757$ |

## Performance Guarantees

## Performance Guarantees

| Service | Standard | \$ at Risk | Current Status - YTD as of 6/30/2020 |
| :---: | :---: | :---: | :---: |
| Voice Response <br> System/Participant and Plan <br> Sponsor Website Availability | 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 2Q2020. |
| Participant Services Phone Availability and Response Time | 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 $4 \%$. <br> For the Voice Response System during hours outside of the Live Operator Call Center hours, $70 \%$ of calls will be immediately transferred to a menu after the ring, and an abandonment rate of less than $4 \%$. | $\$ 2,500$ per calendar year <br> $\$ 2,500$ per calendar year | $89.00 \%$ of calls were answered within 30 seconds during 2Q2020. 72.04\% of calls have been answered within 30 seconds YTD2020. <br> $0.99 \%$ of calls were abandoned during 2Q2020. $6.86 \%$ of calls have been abandoned YTD2020. |
| Quality Standard for Voice Response System monthly down time | No more than 4 hours per month | \$2,500 per calendar year | The Voice Response System availability was $100.00 \%$ for 2Q2020. |
| Quarterly Participant Statement Delivery | $99 \%$ in compliance with the Standard below. <br> Dependency: Receipt of all necessary information (example, message approval) from the PlanSponsor prior to the end of the quarter for which the statement period is applicable. $100 \%$ accuracy rate on statements mailed. <br> Standard: Mailed within 30 business days of the close of the quarter. | $\$ 5,000$ per calendar quarter plus $\$ 1,000$ for each additional day that statements are delayed | 2Q: Mailed 7/15/2020 |
| Participant Transaction Confirmation Statements | $99 \%$ in compliance with the Standard below. <br> Standard: Mailed within 2-3 business days of the transaction request. Exchanges, allocation changes, and deferral changes. | $\$ 25$ for each confirmation statement delayed | All confirmations mailed within 3 business days of transaction |

## Performance Guarantees (continued)

| Service | Standard | \$ at Risk | Current Status - YTD as of 6/30/2020 |
| :---: | :---: | :---: | :---: |
| Fund Balance Transfers | Mailed within three business days. <br> Processed same day if initiated prior to the close of the New York Stock Exchange. | \$25 for each participant confirmation statement | All confirmations mailed within 3 business days of transaction for 2Q2020. <br> $100 \%$ of exchanges were processed the same day for 2Q2020. |
| Investment <br> Transaction/Election <br> Requests; and Exchanges <br> Executed | Written verifications mailed within three business days. <br> Processed upon receipt of the request if initiated by 4 pm ET ; processed the next business day if received after 4pm ET. | \$25 for each participant confirmation statement | All confirmations mailed within 3 business days of transaction for 2Q2020. |
| Termination/In service Withdrawals/Distributions | $99 \%$ of withdrawals processed within 1 business day of the receipt of the request provided the request is received in good order by $4 \mathrm{pm} E T$; processed the next business day if received after $4 \mathrm{pm} E T$. <br> Distribution checks mailed within 3-5 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. |
| Contributions processed and posted to Investments | $100 \%$ processed in compliance with the standard below. <br> Standard: 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. <br> $\$ 2,500$ for each payroll submission that is not posted in accordance with the Standard. | All contributions processed in accordance with the Standard |
| Rollovers Out | $99 \%$ processed within $3-5$ business days provided the approved request is received in good order by 4 pm ET. | \$1,500 per calendar quarter | All good order Rollover Out requests processed within 5 business days of receipt |

## Performance Guarantees (continued)

| Service | Standard | \$ at Risk | Current Status - YTD as of 6/30/2020 |
| :---: | :---: | :---: | :---: |
| DRO processing | If the Plan recognizes DROs, confirm paperwork is complete and confirm required signatures according to procedures of Plan Sponsor and process segregation within 5-7 business days of receipt of completed paperwork. | \$100 per day for each day delayed | All DROs have been processed in accordance with the Standard |
| Plan Sponsor reports | Reporting for the preceding quarter is available on 30 business days after quarter end. | \$2,500 per calendar quarter | All reports available by 30th business day after quarter end |
| Plan Performance Reviews | Fund and Plan Performance Reviews will be provided quarterly within thirty (30) days of quarter close to the Plan Sponsors 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. |
| Participant Group Meetings | Nationwide will meet annually with the Plan Sponsor to discuss and mutually agree in writing upon the number of Participant group meetings that will be provided in 2012 and in each year thereafter. <br> Nationwide will document the number of group meetings to be held and will include the number of group meetings held, their locations and topics covered as part of the Plan Performance Review. | \$5,000 annually | 7 participant group meetings were held 2Q2020. 23 participant group meetings have been held YTD2020. |
| Participant Individual Meetings | Nationwide will meet annually with the Plan Sponsor to discuss and mutually agree in writing upon the number of Participant individual meetings that will be provided in 2012 and in each year thereafter. <br> Nationwide will document the number of individual meetings to be held and will include the number of individual meetings held, their locations and topics covered as part of the Plan Performance Review. | \$5,000 annually | 1,612 individual meetings were held 2Q2020. 3,601 individual meetings have been held TYD2020. |

## Performance Guarantees (continued)

| Service | Standard | \$ at Risk | Current Status - YTD as of 6/30/2020 |
| :---: | :---: | :---: | :---: |
| Participant Satisfaction | 90\% rating of Satisfied to Highly Satisfied on a 4-point scale, with the scale as follows: <br> 1 - Unsatisfied <br> 2 - Somewhat Satisfied <br> 3 - Satisfied <br> 4 - Highly Satisfied | \$15,000 annually | 2020 survey will be completed later this year. |
| Implementation of all new fund changes | Service provider will have all new funds up by; To be determined | \$5,000 per event | There were no fund changes in 2Q2020. |
| Beneficiary Services | Confirm designated beneficiaries within five business days of receipt of inquiry or transaction. | \$10 per transaction | All confirmations sent within 5 business days of inquiry or transaction |
| Written replies to inquiries | Acknowledgement issued in writing or via e-mail within 5 business days from the receipt of a mailed written or e-mailed inquiry. | \$150 per transaction | All acknowledgements issued within 5 business days of receipt of inquiry. |
| Quality standard for amount of time to handle issue resolution | 90\% resolved within 10 business days. | \$150 per transaction | $100 \%$ of formal complaints were resolved within 10 business days. |


[^0]:    \# 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.

[^1]:    ote: Monthly fund values are rounded; monthly totals are based on actual fund amount

