



# CITY OF ST. LOUIS - QUARTERLY REPORT - COMBINED

## **Investment Performance Review For the Quarter Ended March 31, 2020**

Client Management Team

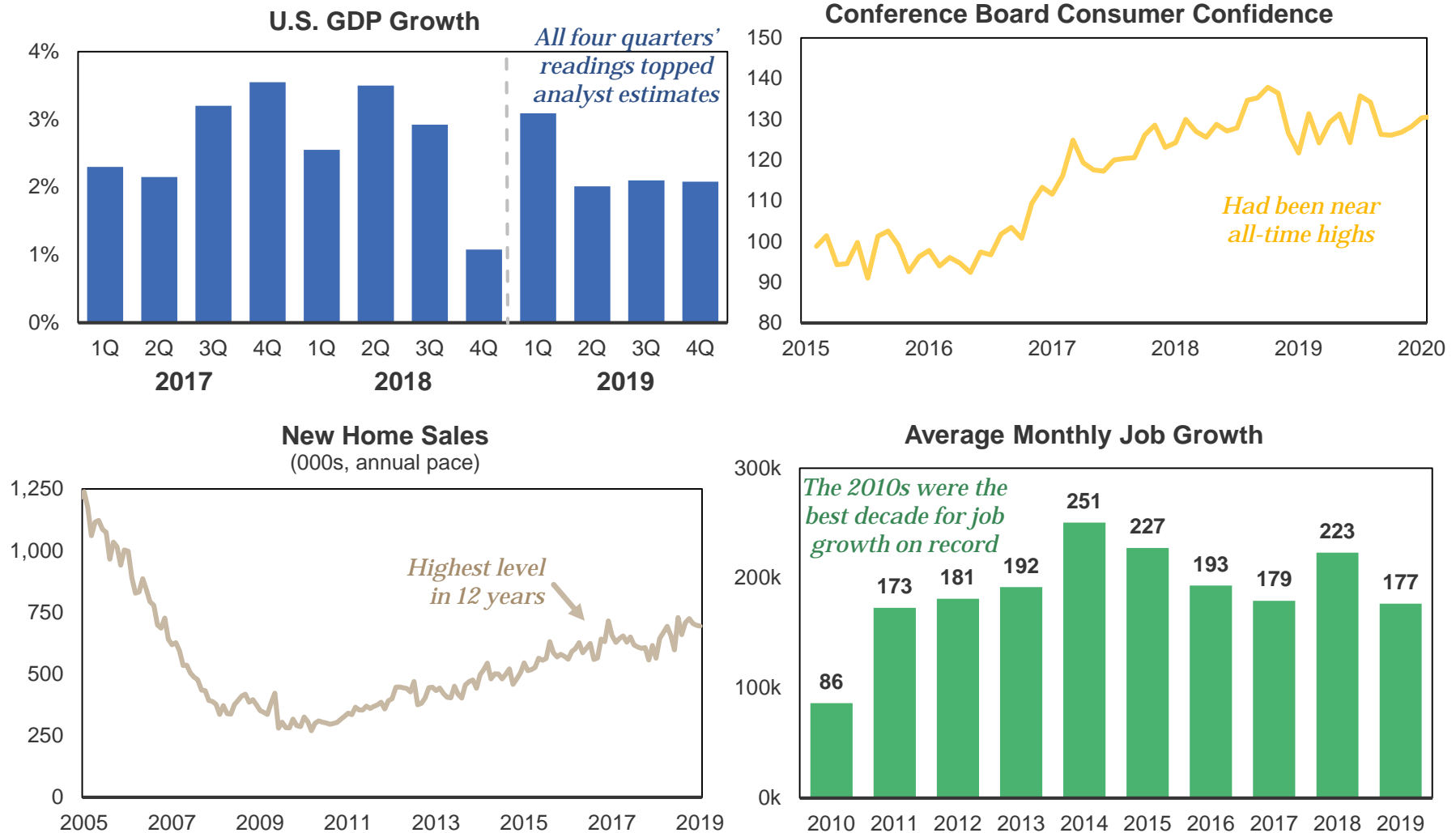
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## Domestic Data Was Strong Prior to Coronavirus Outbreak



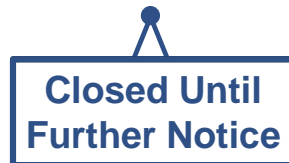
Source: Bloomberg, latest data available as of 2/29/2020.

## COVID-19: A Three-Pronged Crisis



### ***Health Crisis Pandemic***

*The rapidly spreading coronavirus is overwhelming healthcare facilities around the world as the number of cases and deaths related to the virus continue to grow.*



### ***Effects on the Economy***

*With businesses forced to close their doors and consumers stuck at home “social distancing,” the economy has come to a near standstill over a very short period of time.*

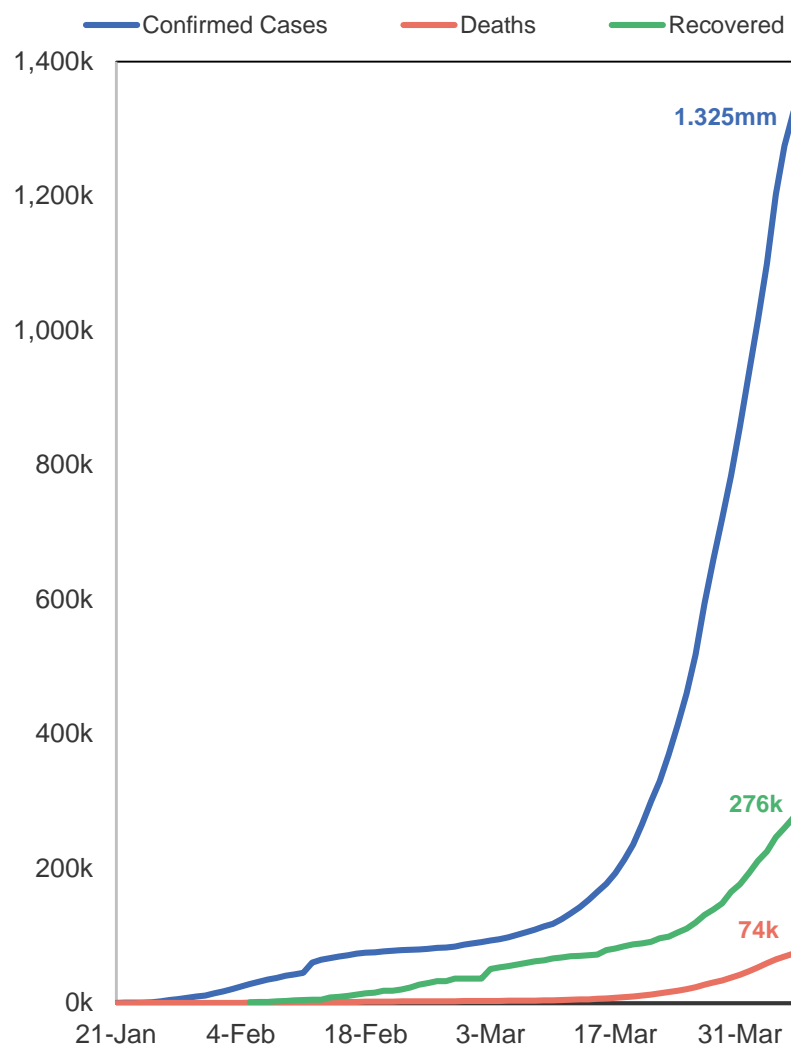


### ***Effects on Financial Markets***

*Treasury yields and stock prices have plummeted while credit spreads and volatility have soared in reaction to the uncertainty created by the pandemic.*

## COVID-19 Pandemic Spans the Globe and Is Still Growing

### Coronavirus Cases

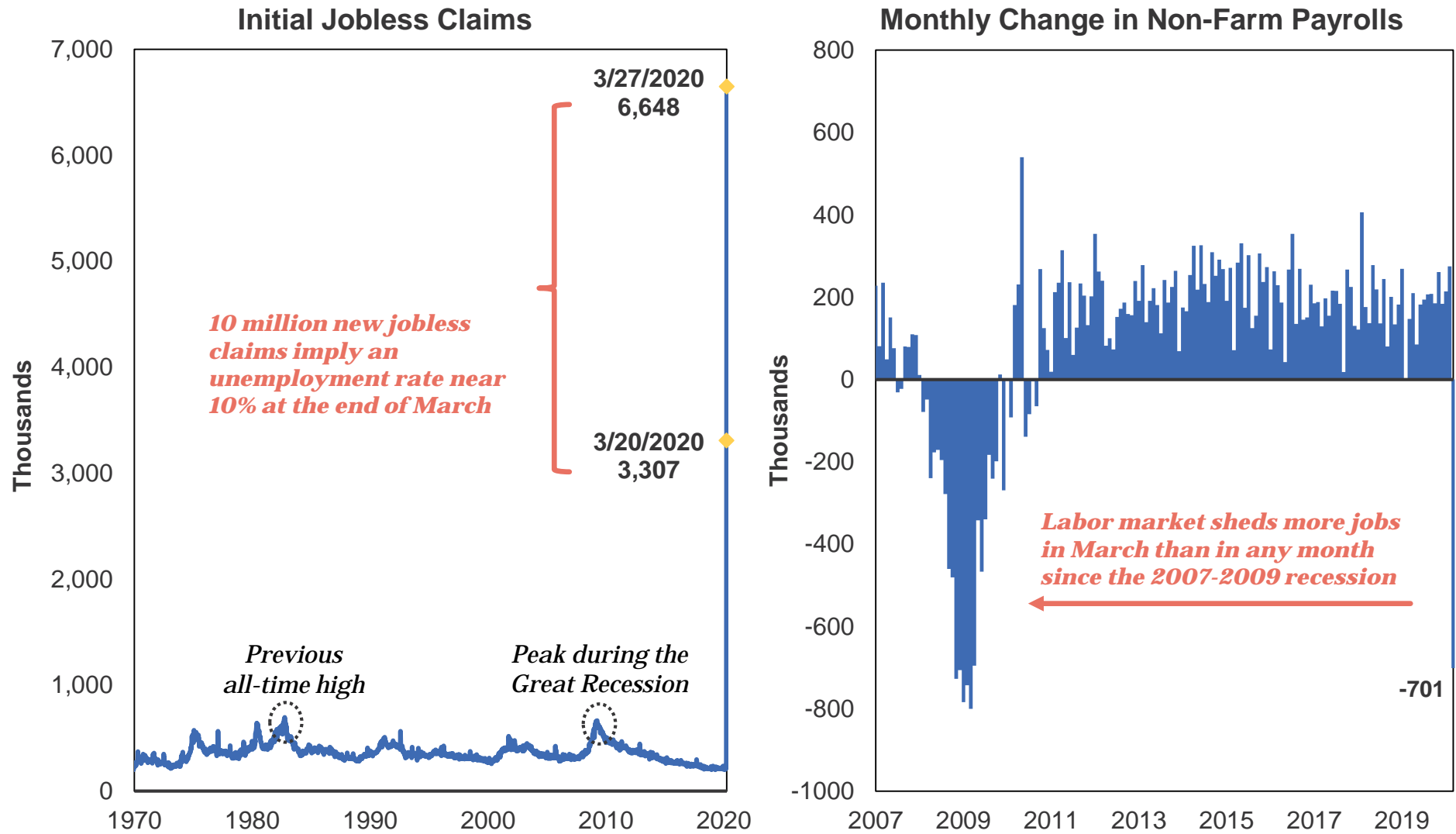


| Rank* | Country        | # Cases | # Deaths | Death Rate |
|-------|----------------|---------|----------|------------|
| 1     | United States  | 352,546 | 10,389   | 2.9%       |
| 2     | China          | 82,665  | 3,335    | 4.0%       |
| 3     | Japan          | 3,654   | 85       | 2.3%       |
| 4     | Germany        | 101,558 | 1,662    | 1.6%       |
| 5     | India          | 4,778   | 136      | 2.8%       |
| 6     | United Kingdom | 52,274  | 5,383    | 10.3%      |
| 7     | France         | 98,956  | 8,926    | 9.0%       |
| 8     | Italy          | 132,547 | 16,523   | 12.5%      |
| 10    | Canada         | 15,940  | 294      | 1.8%       |
| 12    | South Korea    | 10,284  | 186      | 1.8%       |
| 13    | Spain          | 135,032 | 13,169   | 9.8%       |
| 14    | Australia      | 5,797   | 40       | 0.7%       |
| 15    | Mexico         | 2,143   | 94       | 4.4%       |
| 20    | Switzerland    | 21,652  | 762      | 3.5%       |
| 25    | Iran           | 60,500  | 3,739    | 6.2%       |

Source: Bloomberg data compiled from Johns Hopkins University, the World Health Organization, and other sources.

\*By size of economy, estimates by IMF for 2019. Data as of 4/6/2020.

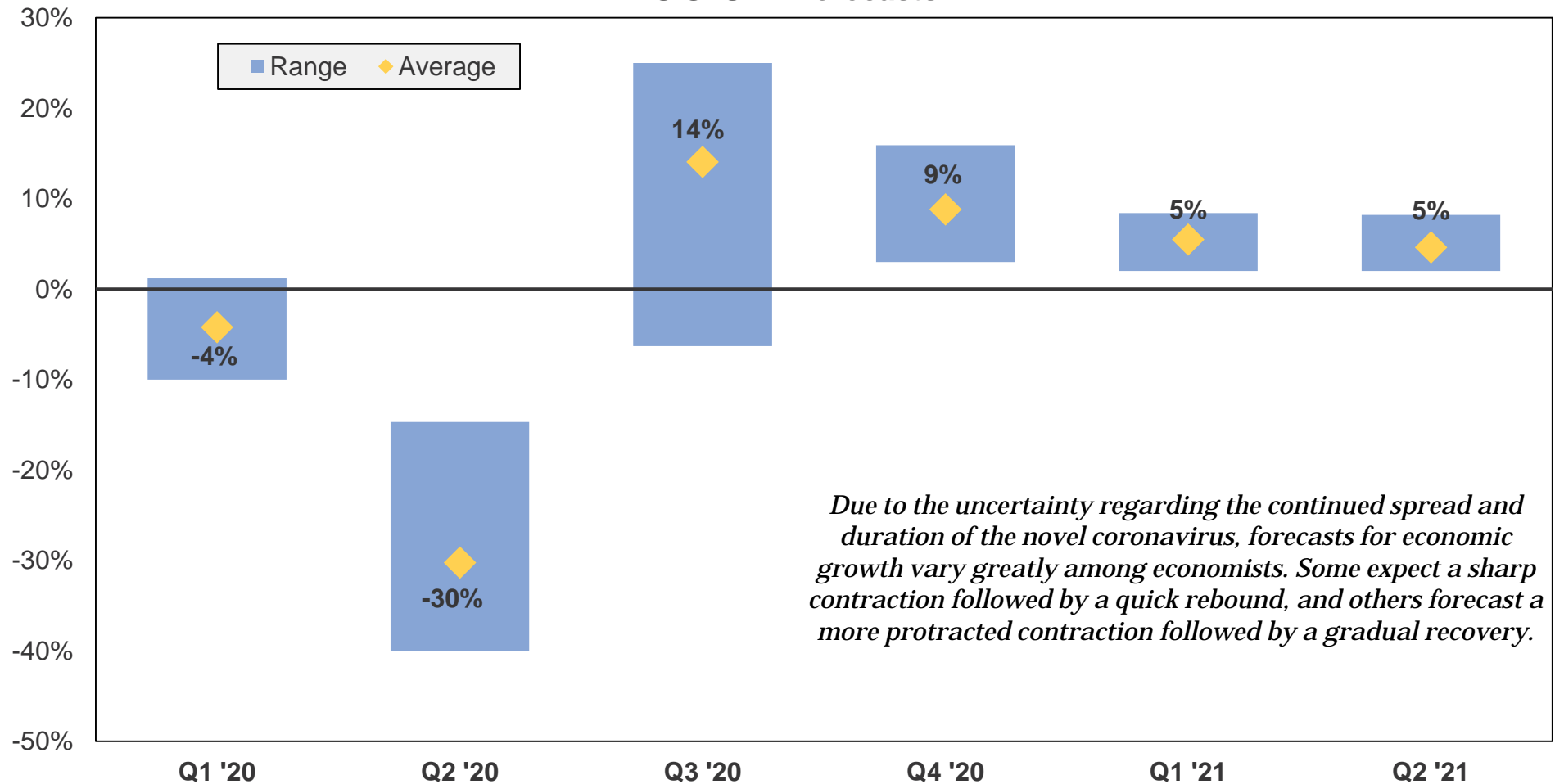
## U.S. Economy Posts Massive Job Losses in March



Source: Bloomberg, as of 4/3/2020. Data is seasonally adjusted.

## Economists Expect a Significant, Immediate Downturn in the U.S. Economy

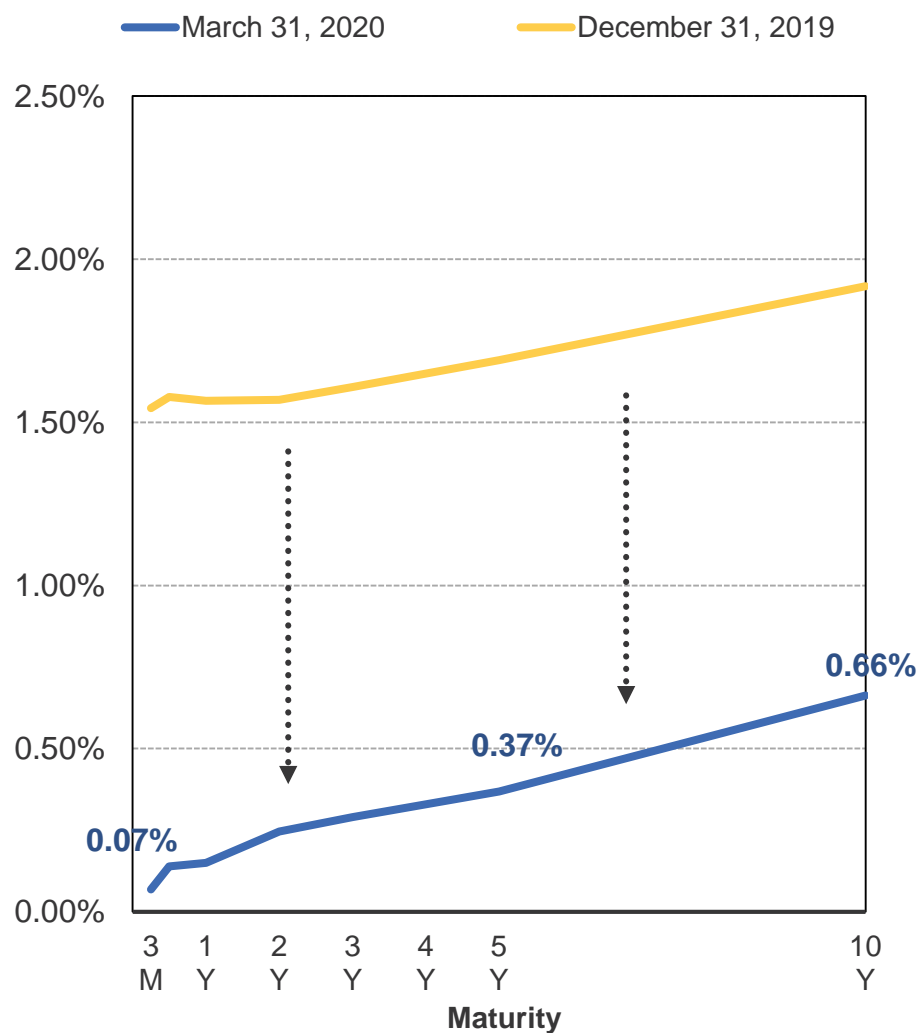
### U.S. GDP Forecasts



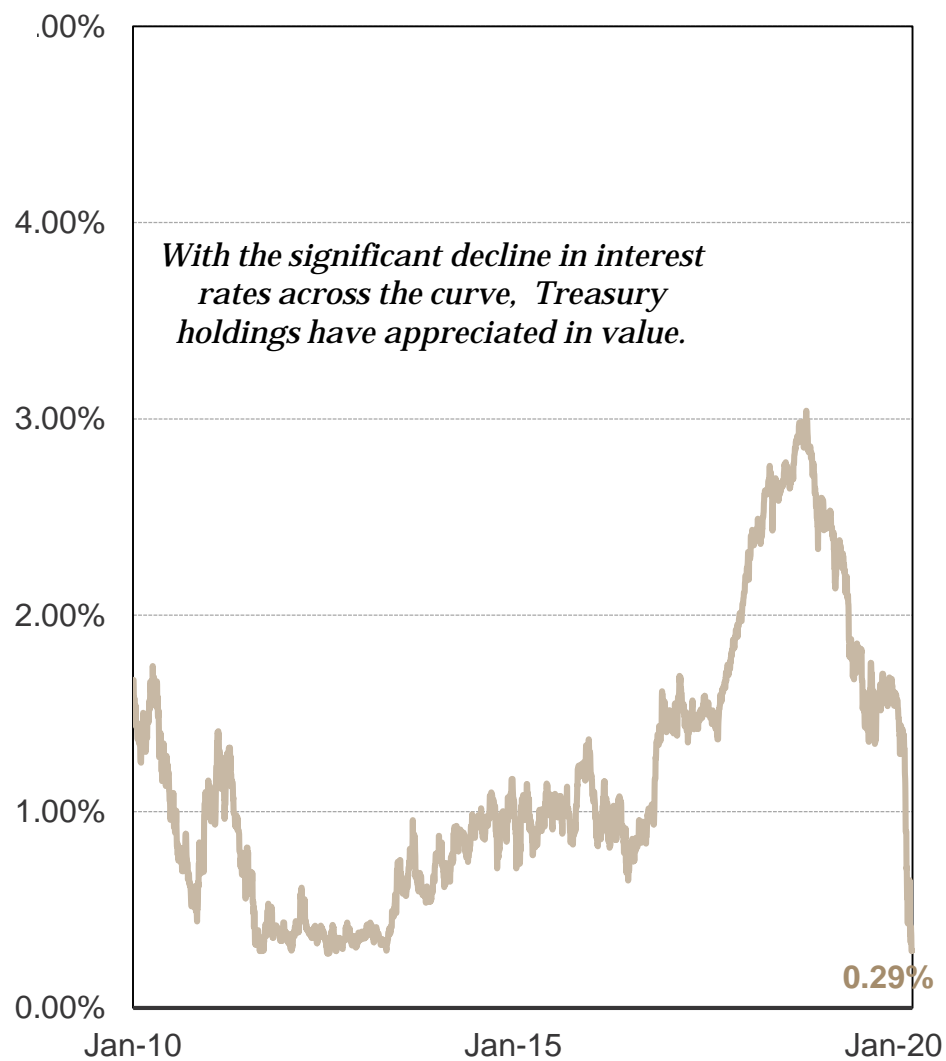
Source: Bloomberg. Forecasts made from 3/25/2020 through 4/3/2020 by ING Group, Morgan Stanley, Deutsche Bank, Goldman Sachs Group, Barclays, JPMorgan Chase, UBS, TD Bank, and Wells Fargo.

## Interest Rates Plunge; Likely to Stay Ultra-Low Through the Crisis

### US Treasury Yield Curve

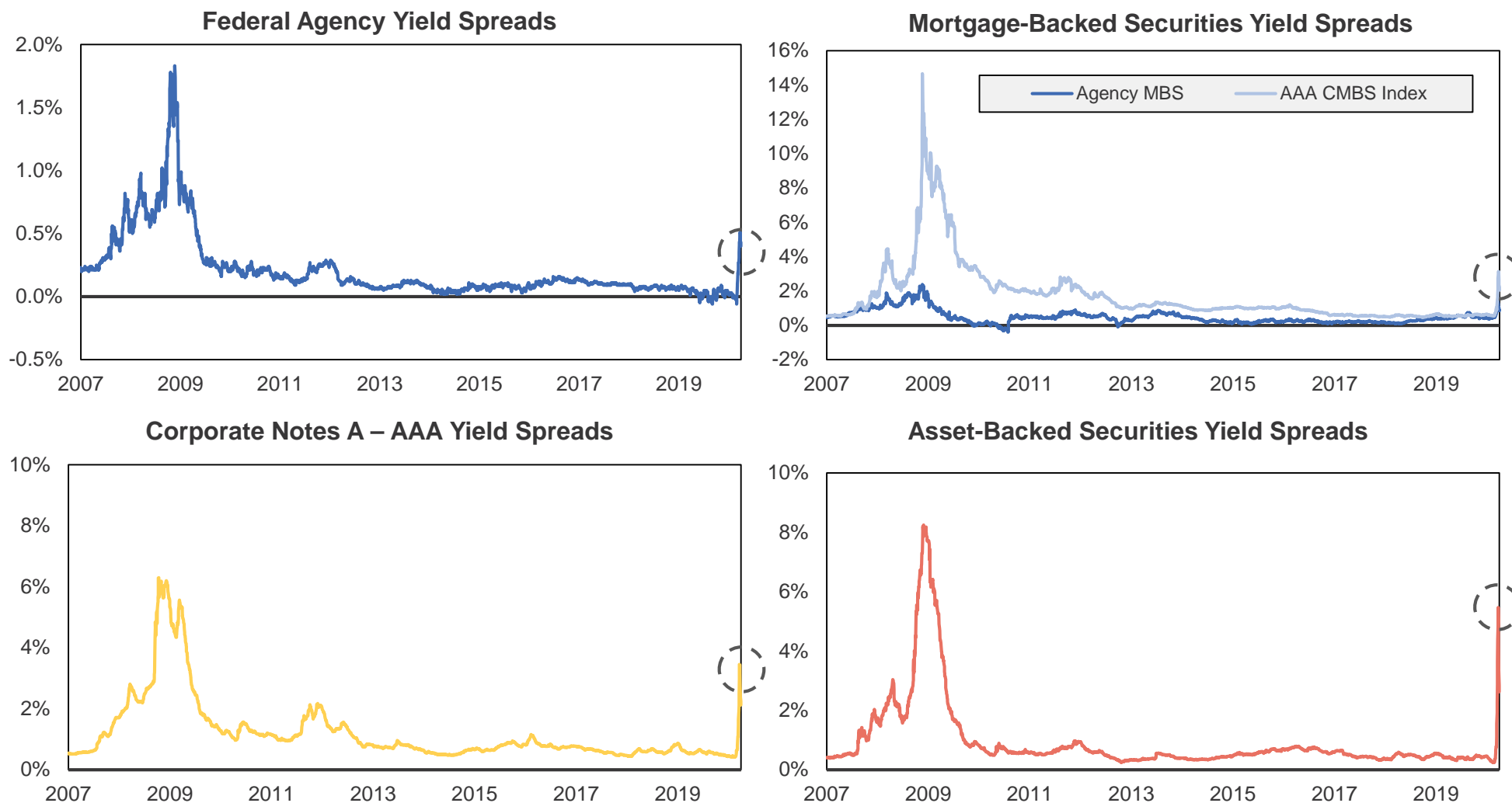


### 3-Year Treasury Yield



Source: Bloomberg as of 3/31/2020.

## Sector Spreads Spike to Levels Not Seen Since the Great Recession

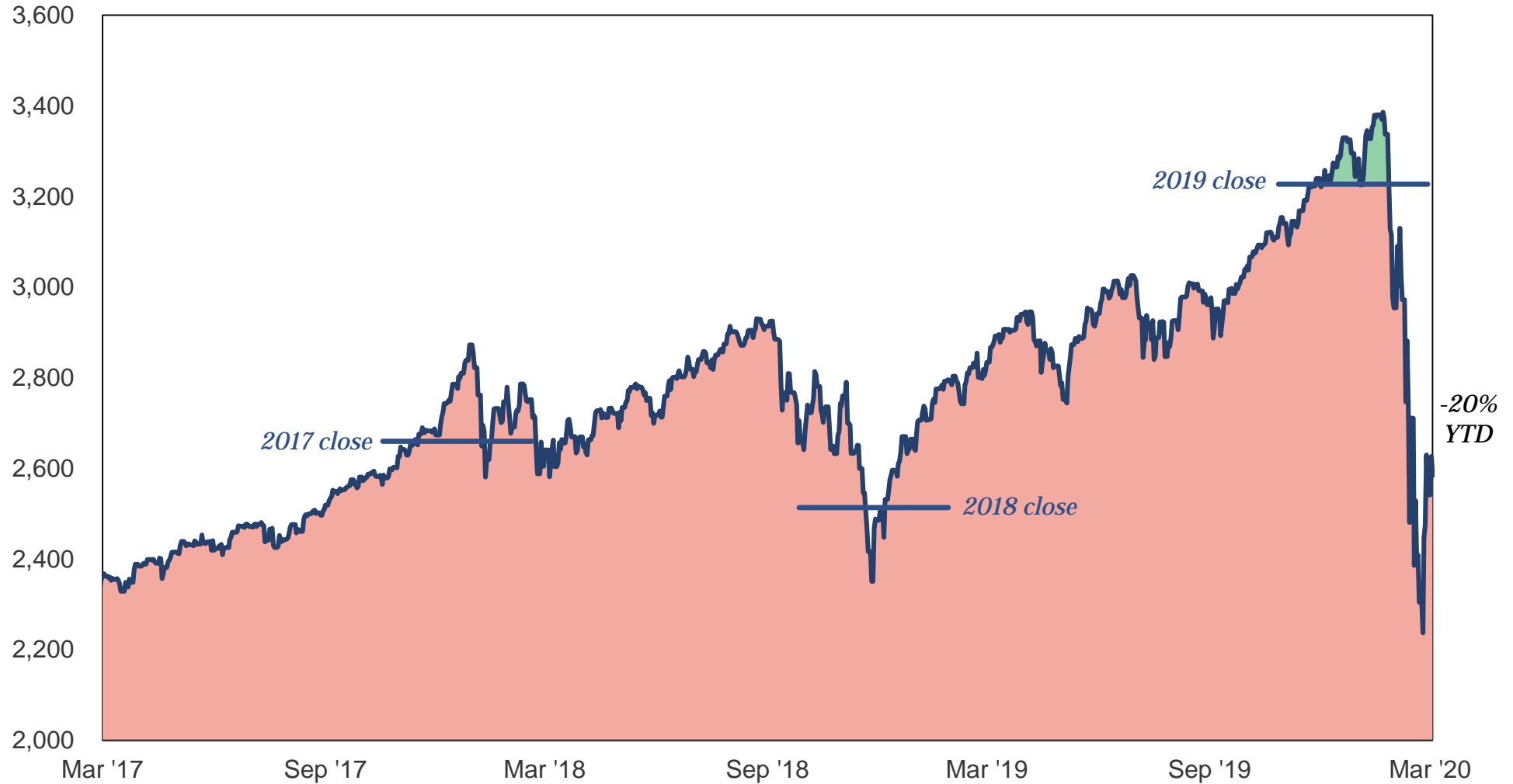


Source: ICE BofAML 1-5 year Indices via Bloomberg, MarketAxess and PFM as of 3/31/20. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable-maturity Treasuries. CMBS is Commercial Mortgage-Backed Securities.



## Stocks Plummet From All-Time Highs During a Volatile Quarter

### S&P Price Change



Source: Bloomberg as of 3/31/2020.

## Federal Reserve Broadens Tool Kit to Support Markets

### Zero Interest Rates

*Cut rates by 150 bps at two emergency meetings in March*

### Asset Purchase Programs

*Treasury and Agency MBS purchase program*

### U.S. Dollar Swap Lines

*Expanded swap lines with additional foreign central banks*

### Liquidity Support

*Funding for CP, corporate bonds, ABS, MMF, & primary dealers*

### Discount Window

*Decreased rate charged and extended term of loans*

### Repurchase Agreements

*Increased the amount offered in repurchase operations*

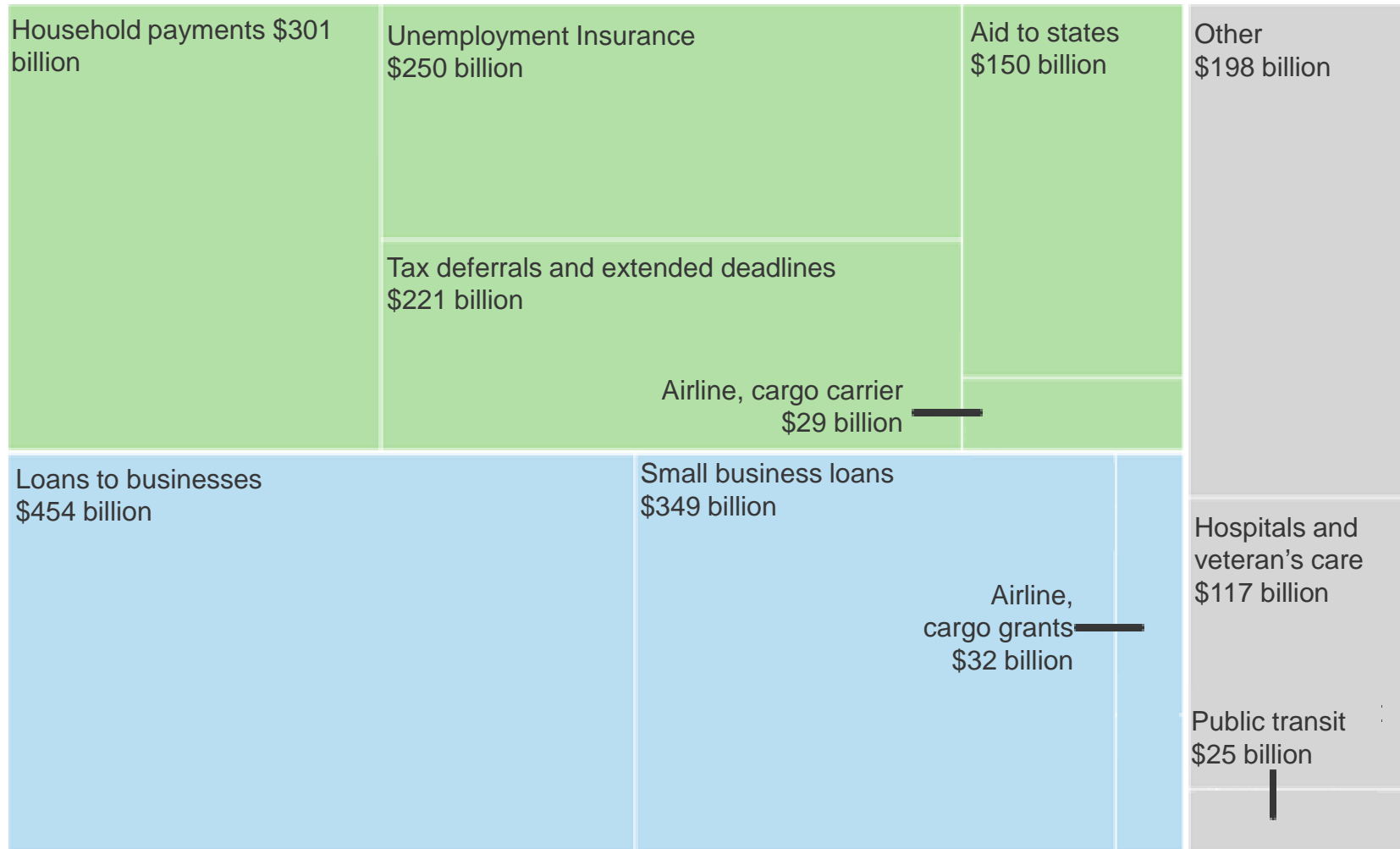
### Regulatory Relief

*Moved reserve requirement to 0, extended the filing deadline for 3/31 financial statements, and eased capital liquidity restraints*

## Congress Passes \$2 Trillion Stimulus Package

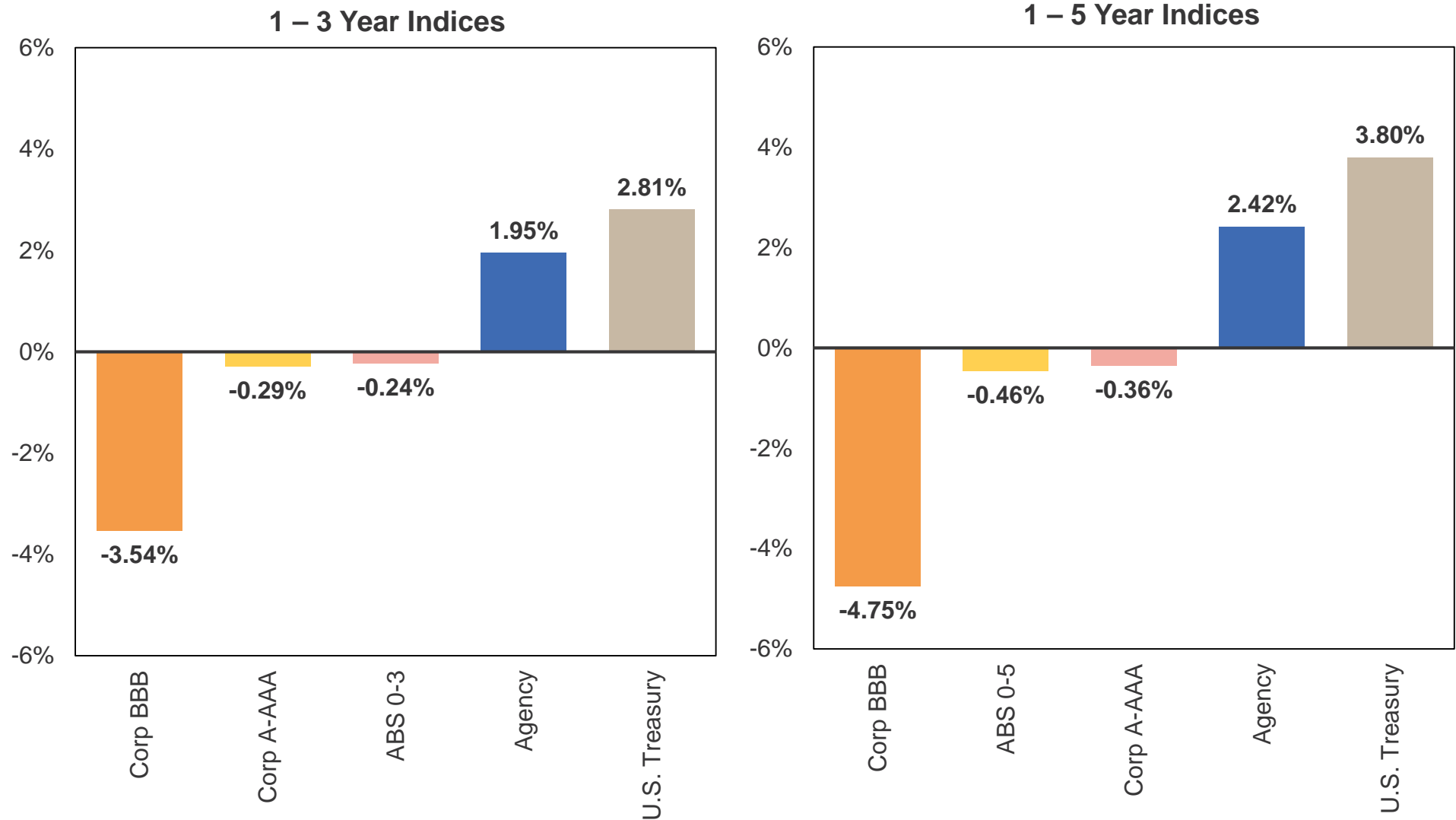
### Coronavirus Aid, Relief, and Economic Security (CARES) Act

■ Direct Relief ■ Loans ■ Supplemental



Source: NPR, as of 3/31/2020.

## Government Sectors Outperform in the First Quarter



Source: Bloomberg, as of 3/31/2020.

## Fixed-Income Sector Outlook – April 2020

| Sector   | Our Investment Preferences | Comments  |
|--|----------------------------|---|
| <b>COMMERCIAL PAPER / CD</b>   |                            | <ul style="list-style-type: none"> <li>Money market credit spreads have come in but are still wide from a historic perspective; Fed action has gradually improved liquidity but varies by issuer</li> </ul>   |
| <b>TREASURIES</b><br><b>T-Bill</b><br><b>T-Note</b>  |                            | <ul style="list-style-type: none"> <li>T-Bills are attractive in the near term with overnight repo trading near zero and scarce Agency discount note supply; issuance is expected to increase</li> <li>During times of extreme volatility, Treasuries typically have value as a safe haven, and recent market turmoil has strained the sector's liquidity as seen in wider bid / ask spreads; Fed facilities have improved the sector's functioning and liquidity is expected to further improve</li> </ul>   |
| <b>FEDERAL AGENCIES</b><br><b>Bullets</b><br><b>Callables</b>                                    |                            | <ul style="list-style-type: none"> <li>Federal Agency bullet spreads have gapped tighter by 3 – 15 bps across the curve from the move wider two weeks ago; bullets still offer relative value versus Treasuries and should be considered for reinvestment of cash or UST</li> <li>Callable spreads to like-maturity Treasuries have widened over the week; value is available on a structure by structure basis</li> </ul>  |
| <b>SUPRANATIONALS</b>  |                            | <ul style="list-style-type: none"> <li>Supranational spreads are at their widest levels since 2016, and despite the move wider, secondary offerings are still in line with similar maturity GSEs; accounts should favor GSEs over secondary SSA's to enhance liquidity</li> <li>New issues may benefit from their concession to existing supply</li> </ul>  |
| <b>CORPORATES</b><br><b>Financials</b><br><b>Industrials</b>                                     |                            | <ul style="list-style-type: none"> <li>Fed actions helped calm credit markets, allowing companies to bring a record month of bond issuance to shore up liquidity; the fiscal stimulus package should also help blunt the negative impact of the pandemic on the economy</li> <li>We still remain cautious given an uncertain timeline to contain the virus, making it difficult to assess the potential damage to corporate balance sheets</li> </ul>   |
| <b>SECURITIZED</b><br><b>Asset-Backed</b><br><b>Agency Mortgage-Backed</b><br><b>Agency CMBS</b> |                            | <ul style="list-style-type: none"> <li>ABS yield spreads widened significantly; there is a high level of uncertainty regarding the consumer's ability and / or willingness to make payments</li> <li>Lower volatility and the Fed's ability to buy an unlimited amount of MBS has reduced the sector's spreads, and recent Fed action has also supported liquidity; prepayment risk should be reduced in the near term</li> <li>Agency CMBS spreads widened; the sector was added in the MBS purchase program which should provide support but renters' ability to pay is a question</li> </ul> |
| <b>MUNICIPALS</b>  |                            | <ul style="list-style-type: none"> <li>Taxable, tax-exempt, and pre-refunded bonds offer relative value; we remain cautious on certain sub-sectors given potential risks from Covid-19</li> </ul>   |

● Current outlook

○ Outlook one month ago

Negative

Slightly  
Negative

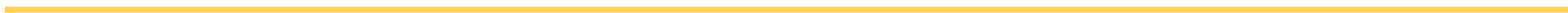
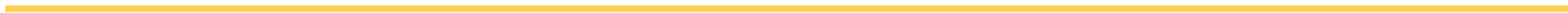
Neutral

Slightly  
Positive

Positive



## CITY OF ST. LOUIS - AIRPORT PORTFOLIO

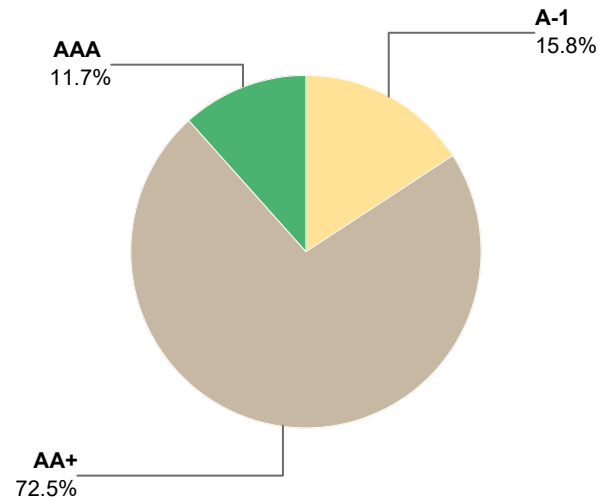


## Portfolio Statistics

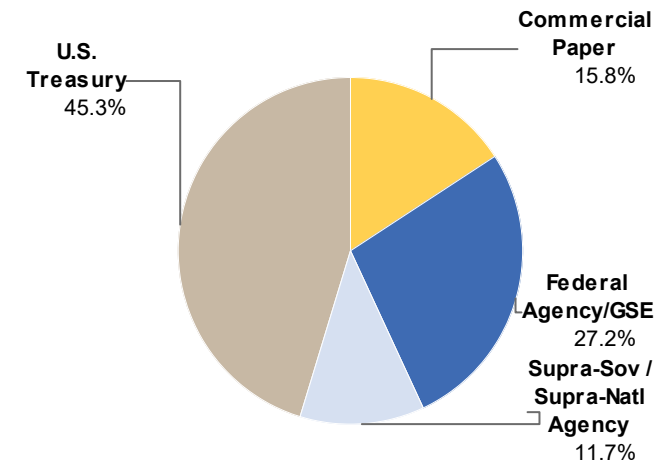
As of March 31, 2020

|                        |               |
|------------------------|---------------|
| Par Value:             | \$115,305,000 |
| Total Market Value:    | \$118,124,175 |
| Security Market Value: | \$117,603,048 |
| Accrued Interest:      | \$400,826     |
| Cash:                  | \$120,301     |
| Amortized Cost:        | \$115,270,278 |
| Yield at Market:       | 0.55%         |
| Yield at Cost:         | 1.96%         |
| Effective Duration:    | 1.40 Years    |
| Duration to Worst:     | 1.43 Years    |
| Average Maturity:      | 1.46 Years    |
| Average Credit: *      | AA            |

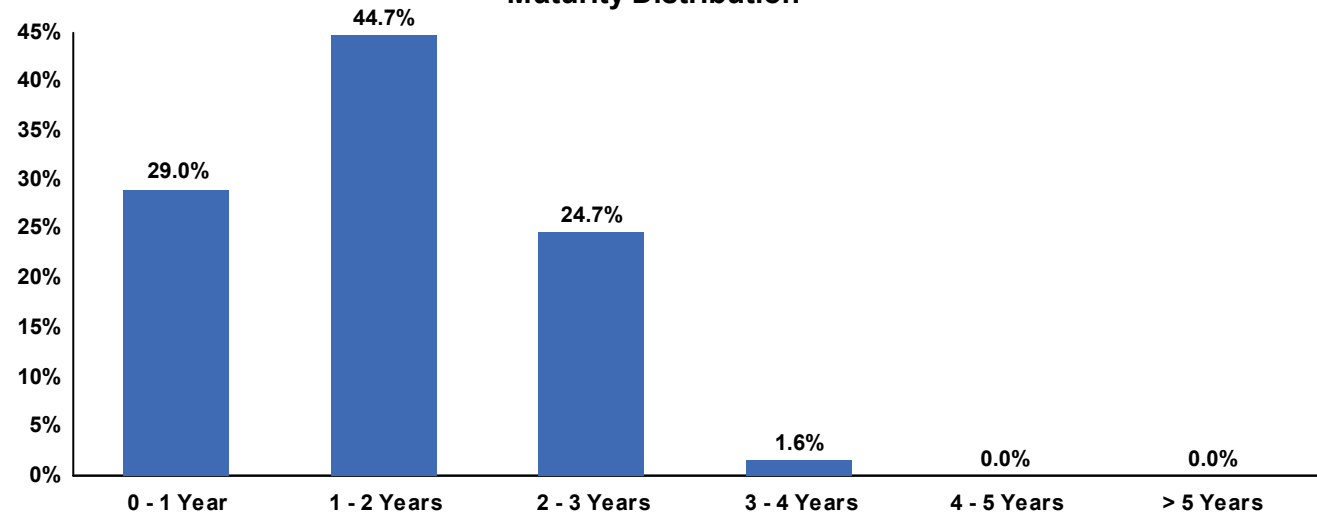
## Credit Quality (S&amp;P Ratings)



## Sector Allocation



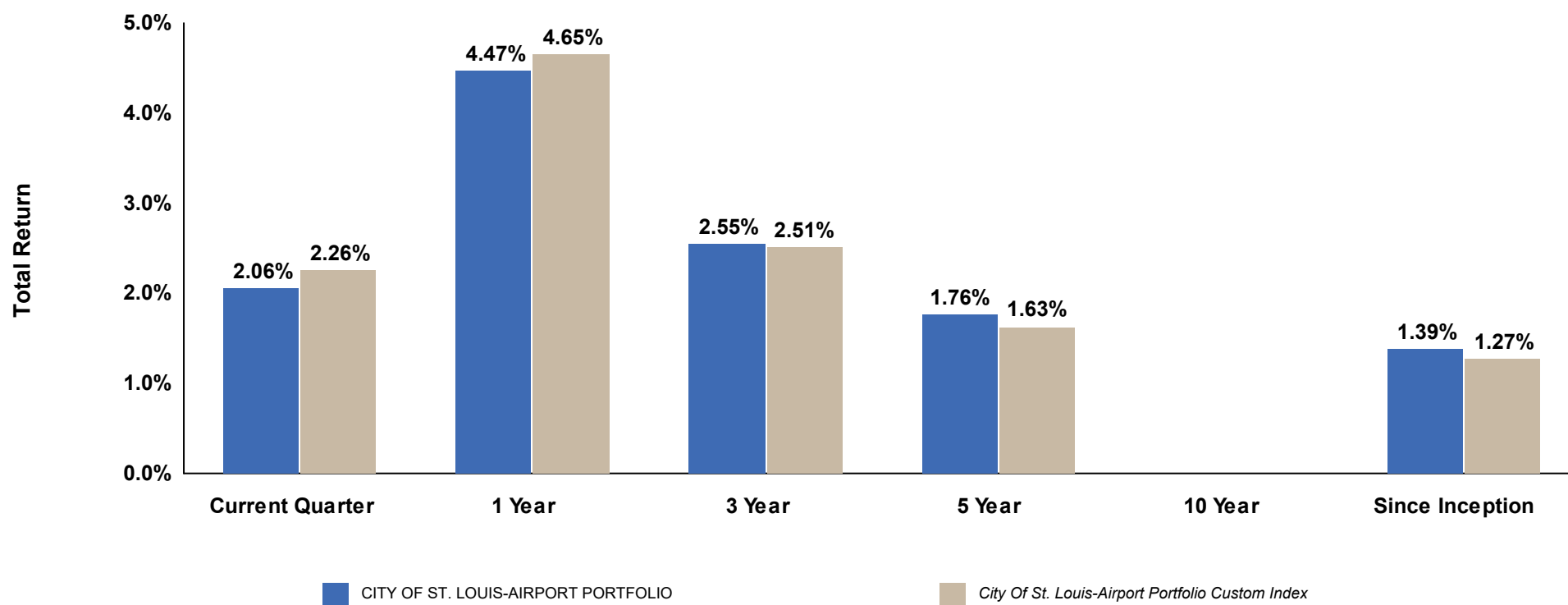
## Maturity Distribution



\* An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

## Portfolio Performance (Total Return)

| Portfolio/Benchmark                              | Effective Duration | Current Quarter | Annualized Return |        |        |         |                               |
|--|--------------------|-----------------|-------------------|--------|--------|---------|-------------------------------|
|  |                    |                 | 1 Year            | 3 Year | 5 Year | 10 Year | Since Inception<br>(06/30/13) |
|  |                    |                 |                   |        |        |         |                               |
| CITY OF ST. LOUIS-AIRPORT PORTFOLIO              | 1.40               | 2.06%           | 4.47%             | 2.55%  | 1.76%  | -       | 1.39%                         |
| City Of St. Louis-Airport Portfolio Custom Index | 1.38               | 2.26%           | 4.65%             | 2.51%  | 1.63%  | -       | 1.27%                         |
| Difference                                       |                    | -0.20%          | -0.18%            | 0.04%  | 0.13%  | -       | 0.12%                         |

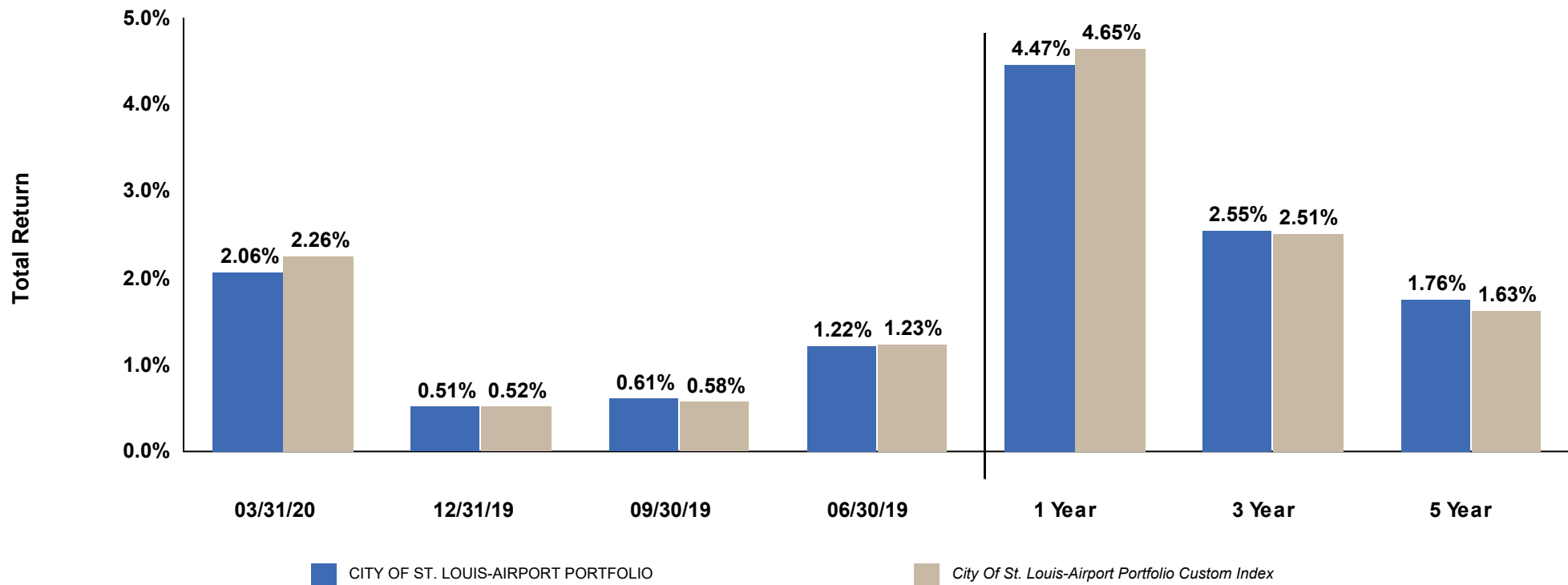


Portfolio performance is gross of fees unless otherwise indicated.



## Portfolio Performance (Total Return)

| Portfolio/Benchmark                              | Effective Duration | Quarter Ended |          |          |          | 1 Year | Annualized Return |        |
|--|--------------------|---------------|----------|----------|----------|--------|-------------------|--------|
|  |                    | 03/31/20      | 12/31/19 | 09/30/19 | 06/30/19 |        | 3 Year            | 5 Year |
| CITY OF ST. LOUIS-AIRPORT PORTFOLIO              | 1.40               | 2.06%         | 0.51%    | 0.61%    | 1.22%    | 4.47%  | 2.55%             | 1.76%  |
| City Of St. Louis-Airport Portfolio Custom Index | 1.38               | 2.26%         | 0.52%    | 0.58%    | 1.23%    | 4.65%  | 2.51%             | 1.63%  |
| Difference                                       |                    | -0.20%        | -0.01%   | 0.03%    | -0.01%   | -0.18% | 0.04%             | 0.13%  |



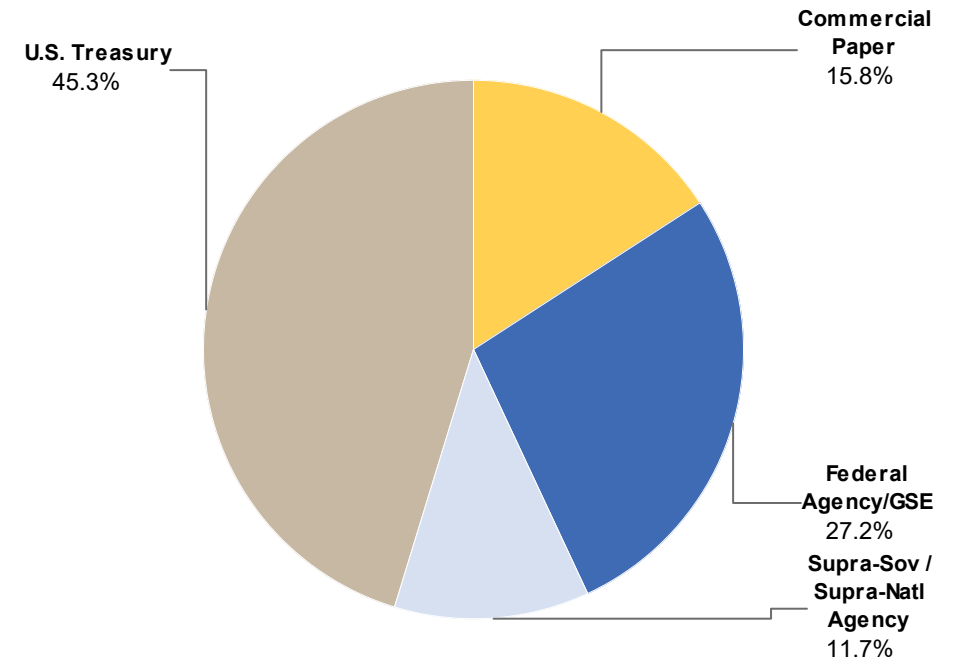
Portfolio performance is gross of fees unless otherwise indicated.

**Portfolio Earnings****Quarter-Ended March 31, 2020**

|                                     | <b>Market Value Basis</b> | <b>Accrual (Amortized Cost) Basis</b> |
|-------------------------------------|---------------------------|---------------------------------------|
| <b>Beginning Value (12/31/2019)</b> | \$115,073,181.17          | \$114,297,377.36                      |
| <b>Net Purchases/Sales</b>          | \$626,877.76              | \$626,877.76                          |
| <b>Change in Value</b>              | \$1,902,988.99            | \$346,022.83                          |
| <b>Ending Value (03/31/2020)</b>    | \$117,603,047.92          | \$115,270,277.95                      |
| <b>Interest Earned</b>              | \$476,673.03              | \$476,673.03                          |
| <b>Portfolio Earnings</b>           | \$2,379,662.02            | \$822,695.86                          |

**Sector Allocation***As of March 31, 2020*

| Sector                        | Market Value (\$)    | % of Portfolio |
|-------------------------------|----------------------|----------------|
| U.S. Treasury                 | 53,370,465           | 45.3%          |
| Federal Agency/GSE            | 31,927,327           | 27.2%          |
| Commercial Paper              | 18,571,427           | 15.8%          |
| Supra-Sov / Supra-Natl Agency | 13,733,829           | 11.7%          |
| <b>Total</b>                  | <b>\$117,603,048</b> | <b>100.0%</b>  |

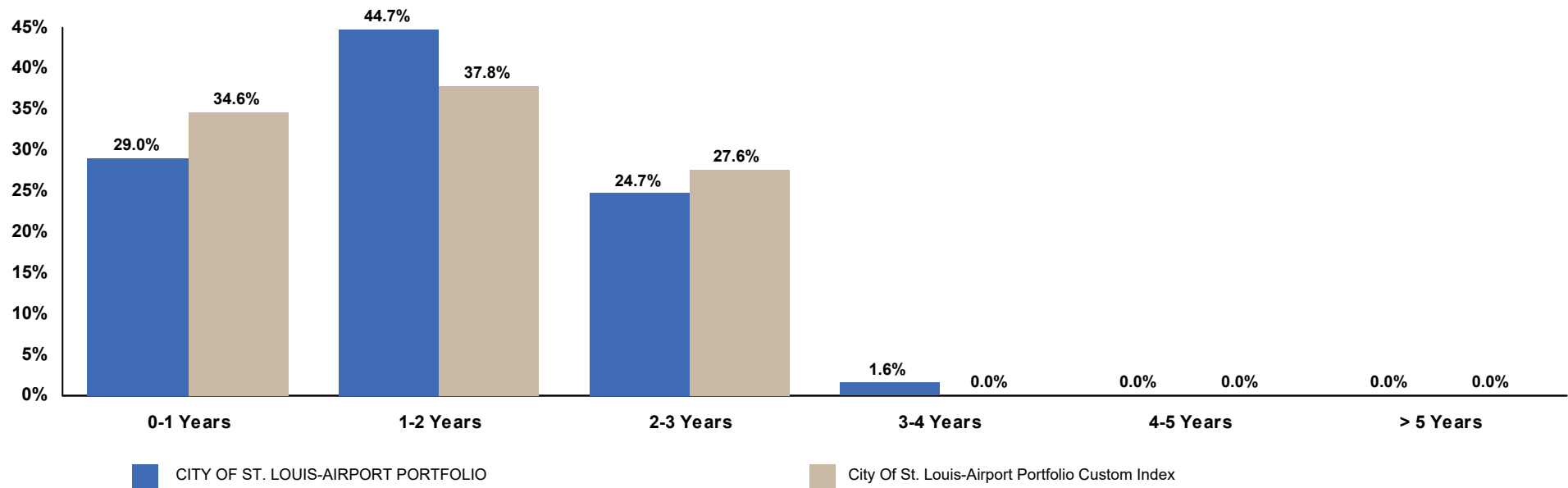


Detail may not add to total due to rounding.

## Maturity Distribution

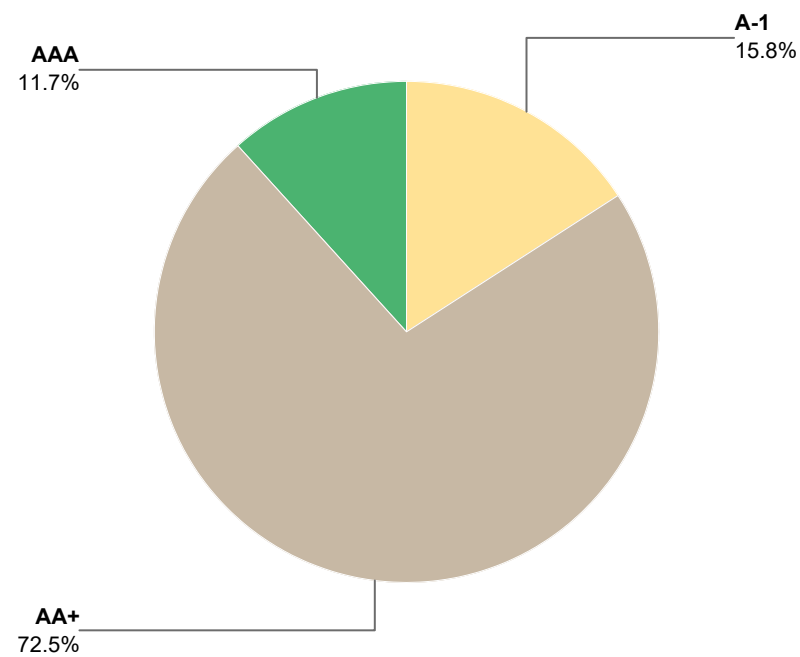
As of March 31, 2020

| Portfolio/Benchmark                              | Yield<br>at Market | Average<br>Maturity | 0-1<br>Years | 1-2<br>Years | 2-3<br>Years | 3-4<br>Years | 4-5<br>Years | >5<br>Years |
|--|--------------------|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| CITY OF ST. LOUIS-AIRPORT PORTFOLIO              | 0.55%              | 1.46 yrs            | 29.0%        | 44.7%        | 24.7%        | 1.6%         | 0.0%         | 0.0%        |
| City Of St. Louis-Airport Portfolio Custom Index | 0.16%              | 1.44 yrs            | 34.6%        | 37.8%        | 27.6%        | 0.0%         | 0.0%         | 0.0%        |



**Credit Quality***As of March 31, 2020*

| S&P Rating    | Market Value (\$)    | % of Portfolio |
|---------------|----------------------|----------------|
| AA+           | \$85,297,791         | 72.5%          |
| A-1           | \$18,571,427         | 15.8%          |
| AAA           | \$13,733,829         | 11.7%          |
| <b>Totals</b> | <b>\$117,603,048</b> | <b>100.0%</b>  |



Detail may not add to total due to rounding.

## Issuer Distribution

As of March 31, 2020

| Issuer                              | Market Value (\$)  | % of Portfolio | Top 5 = 74.1% | Top 10 = 87.3% |
|-------------------------------------|--------------------|----------------|---------------|----------------|
| UNITED STATES TREASURY              | 53,370,465         | 45.4%          |               |                |
| FEDERAL HOME LOAN BANKS             | 14,618,985         | 12.4%          |               |                |
| FANNIE MAE                          | 8,741,499          | 7.4%           |               |                |
| FEDERAL FARM CREDIT BANKS           | 5,998,723          | 5.1%           |               |                |
| ASIAN DEVELOPMENT BANK              | 4,456,569          | 3.8%           |               |                |
| INTL BANK OF RECONSTRUCTION AND DEV | 3,127,810          | 2.7%           |               |                |
| ING BANK NV                         | 3,098,286          | 2.6%           |               |                |
| JP MORGAN CHASE & CO                | 3,098,019          | 2.6%           |               |                |
| MITSUBISHI UFJ FINANCIAL GROUP INC  | 3,096,993          | 2.6%           |               |                |
| CANADIAN IMPERIAL BANK OF COMMERCE  | 3,095,127          | 2.6%           |               |                |
| BANK OF MONTREAL                    | 3,093,248          | 2.6%           |               |                |
| BNP PARIBAS                         | 3,089,755          | 2.6%           |               |                |
| AFRICAN DEVELOPMENT BANK            | 2,758,504          | 2.4%           |               |                |
| FREDDIE MAC                         | 2,568,119          | 2.2%           |               |                |
| INTERNATIONAL FINANCE CORPORATION   | 1,914,263          | 1.6%           |               |                |
| INTER-AMERICAN DEVELOPMENT BANK     | 1,476,685          | 1.3%           |               |                |
| <b>Grand Total:</b>                 | <b>117,603,048</b> | <b>100.0%</b>  |               |                |



## CITY OF ST. LOUIS - AIRPORT PFC PORTFOLIO

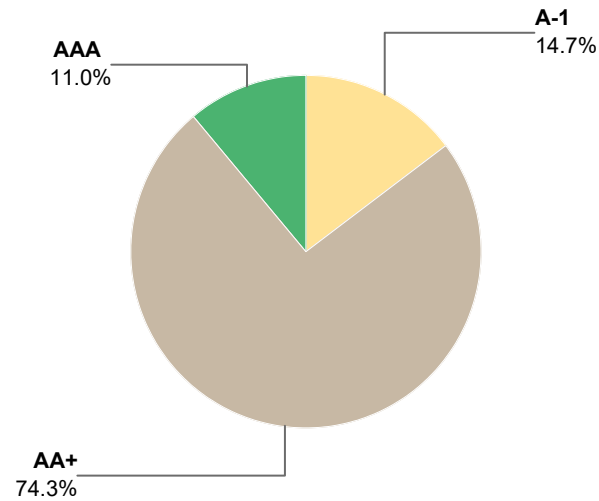


## Portfolio Statistics

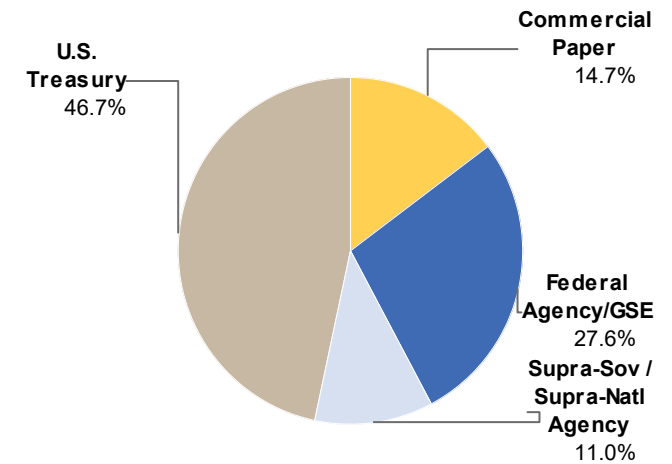
As of March 31, 2020

|                        |              |
|------------------------|--------------|
| Par Value:             | \$14,945,000 |
| Total Market Value:    | \$15,310,349 |
| Security Market Value: | \$15,238,480 |
| Accrued Interest:      | \$53,919     |
| Cash:                  | \$17,950     |
| Amortized Cost:        | \$14,937,805 |
| Yield at Market:       | 0.54%        |
| Yield at Cost:         | 1.96%        |
| Effective Duration:    | 1.39 Years   |
| Duration to Worst:     | 1.42 Years   |
| Average Maturity:      | 1.45 Years   |
| Average Credit: *      | AA           |

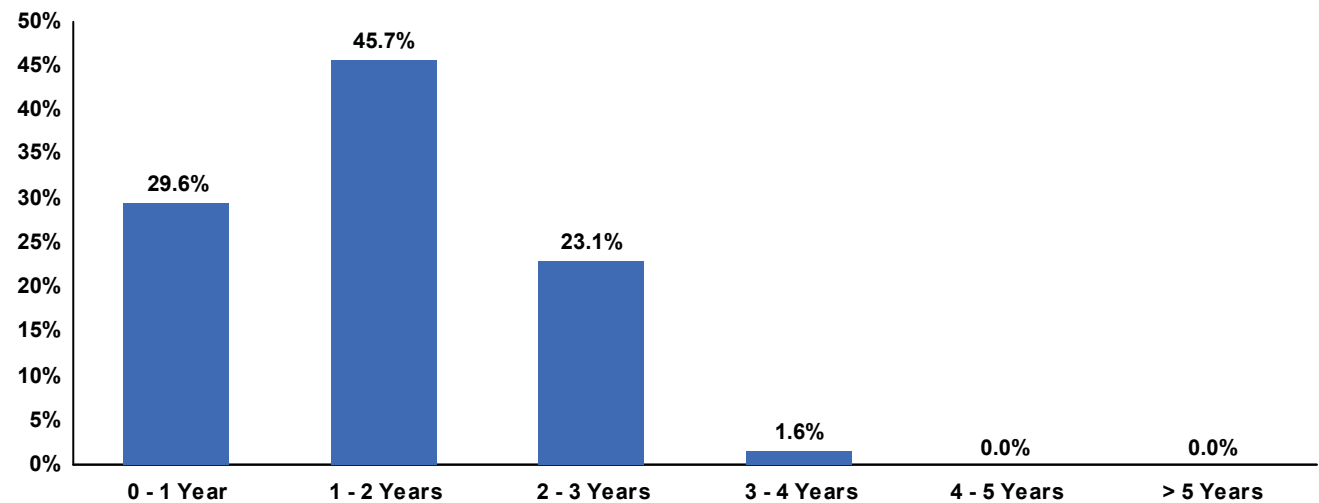
## Credit Quality (S&amp;P Ratings)



## Sector Allocation



## Maturity Distribution

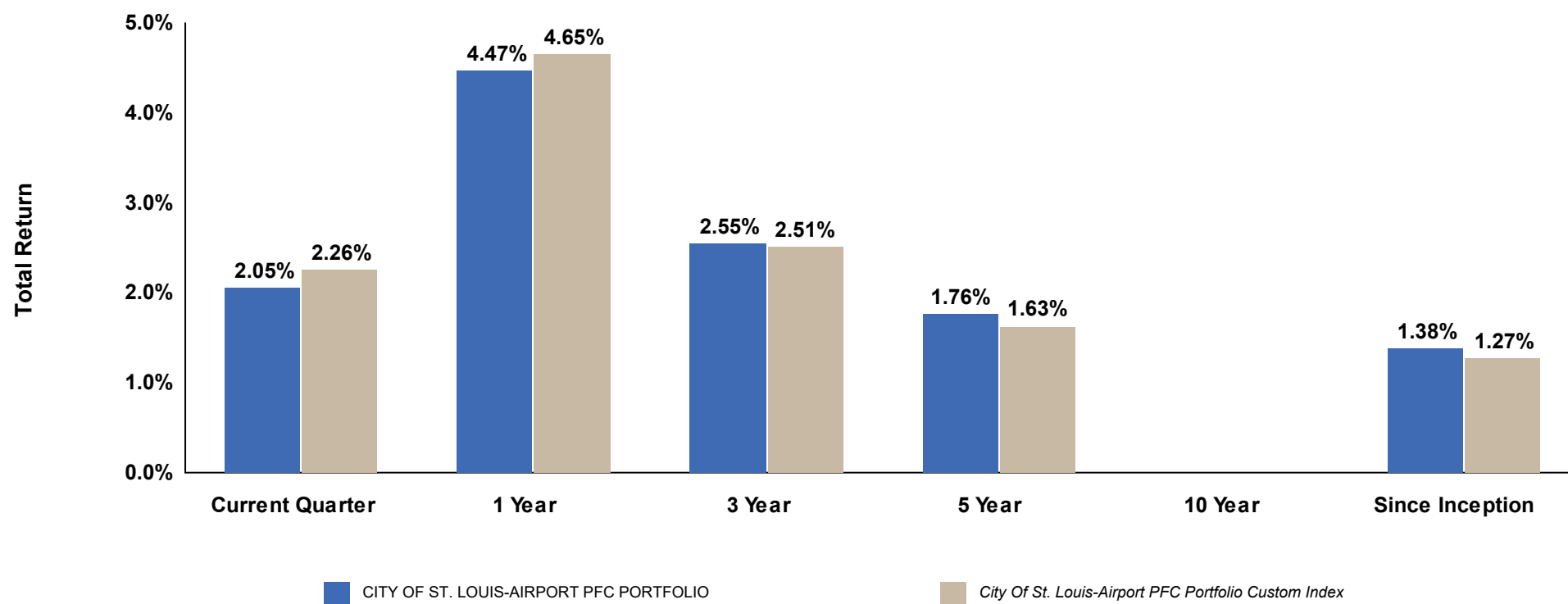


\* An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.



## Portfolio Performance (Total Return)

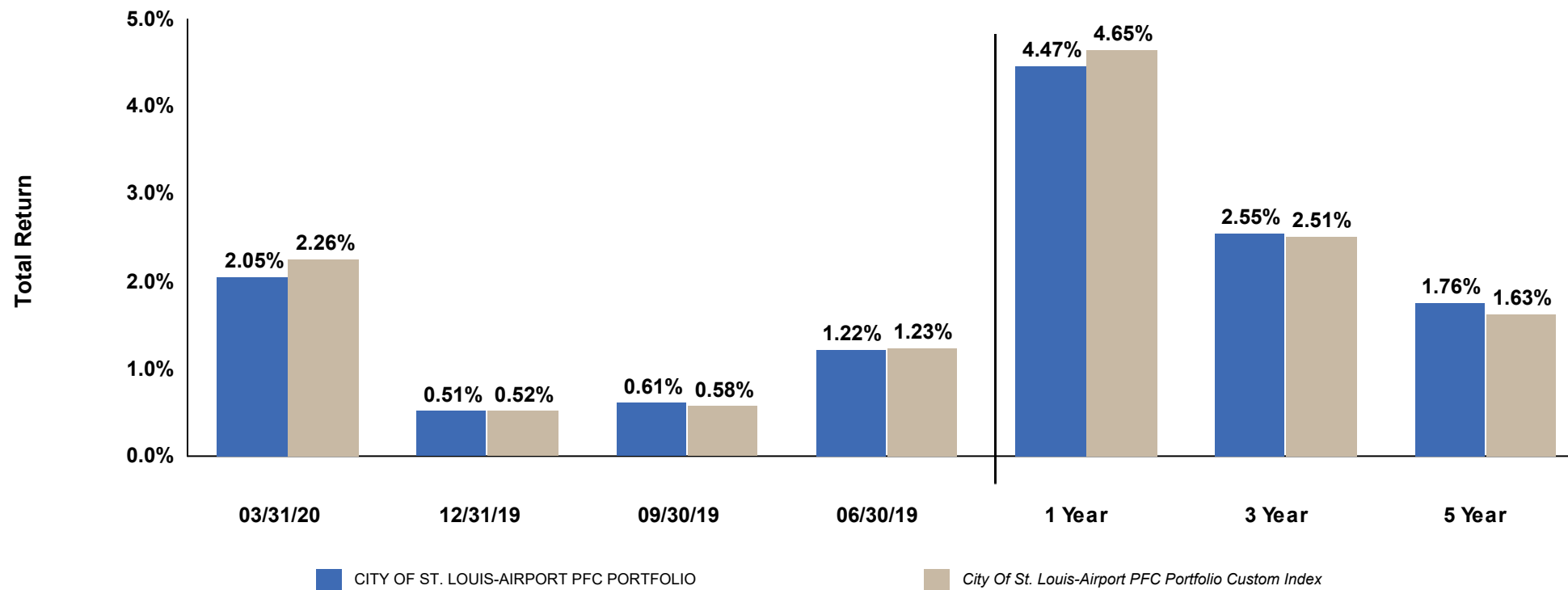
| Portfolio/Benchmark                                  | Effective Duration | Current Quarter | Annualized Return |        |        |         |                                  |
|--|--------------------|-----------------|-------------------|--------|--------|---------|----------------------------------|
|  |                    |                 | 1 Year            | 3 Year | 5 Year | 10 Year | Since Inception<br>(06/30/13) ** |
|  |                    |                 |                   |        |        |         |                                  |
| CITY OF ST. LOUIS-AIRPORT PFC PORTFOLIO              | 1.39               | 2.05%           | 4.47%             | 2.55%  | 1.76%  | -       | 1.38%                            |
| City Of St. Louis-Airport PFC Portfolio Custom Index | 1.38               | 2.26%           | 4.65%             | 2.51%  | 1.63%  | -       | 1.27%                            |
| Difference   |                    | -0.21%          | -0.18%            | 0.04%  | 0.13%  | -       | 0.11%                            |



Portfolio performance is gross of fees unless otherwise indicated. \*\*Since Inception performance is not shown for periods less than one year.

## Portfolio Performance (Total Return)

| Portfolio/Benchmark                                  | Effective Duration | Quarter Ended |          |          |          | 1 Year | Annualized Return |        |
|--|--------------------|---------------|----------|----------|----------|--------|-------------------|--------|
|  |                    | 03/31/20      | 12/31/19 | 09/30/19 | 06/30/19 |        | 3 Year            | 5 Year |
| CITY OF ST. LOUIS-AIRPORT PFC PORTFOLIO              | 1.39               | 2.05%         | 0.51%    | 0.61%    | 1.22%    | 4.47%  | 2.55%             | 1.76%  |
| City Of St. Louis-Airport PFC Portfolio Custom Index | 1.38               | 2.26%         | 0.52%    | 0.58%    | 1.23%    | 4.65%  | 2.51%             | 1.63%  |
| Difference   |                    | -0.21%        | -0.01%   | 0.03%    | -0.01%   | -0.18% | 0.04%             | 0.13%  |



Portfolio performance is gross of fees unless otherwise indicated.

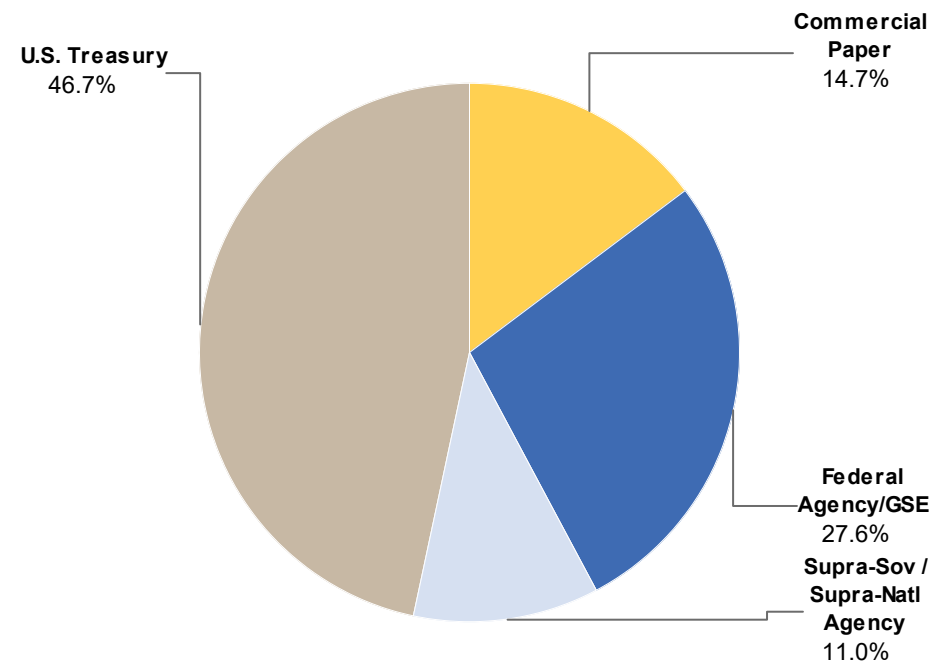
**Portfolio Earnings****Quarter-Ended March 31, 2020**

|                                     | <b>Market Value Basis</b> | <b>Accrual (Amortized Cost) Basis</b> |
|-------------------------------------|---------------------------|---------------------------------------|
| <b>Beginning Value (12/31/2019)</b> | \$14,892,977.25           | \$14,794,883.52                       |
| <b>Net Purchases/Sales</b>          | \$99,748.33               | \$99,748.33                           |
| <b>Change in Value</b>              | \$245,754.19              | \$43,172.85                           |
| <b>Ending Value (03/31/2020)</b>    | \$15,238,479.77           | \$14,937,804.70                       |
| <b>Interest Earned</b>              | \$62,235.37               | \$62,235.37                           |
| <b>Portfolio Earnings</b>           | \$307,989.56              | \$105,408.22                          |

## Sector Allocation

As of March 31, 2020

| Sector                        | Market Value (\$)   | % of Portfolio |
|-------------------------------|---------------------|----------------|
| U.S. Treasury                 | 7,118,373           | 46.7%          |
| Federal Agency/GSE            | 4,199,771           | 27.6%          |
| Commercial Paper              | 2,246,544           | 14.7%          |
| Supra-Sov / Supra-Natl Agency | 1,673,793           | 11.0%          |
| <b>Total</b>                  | <b>\$15,238,480</b> | <b>100.0%</b>  |

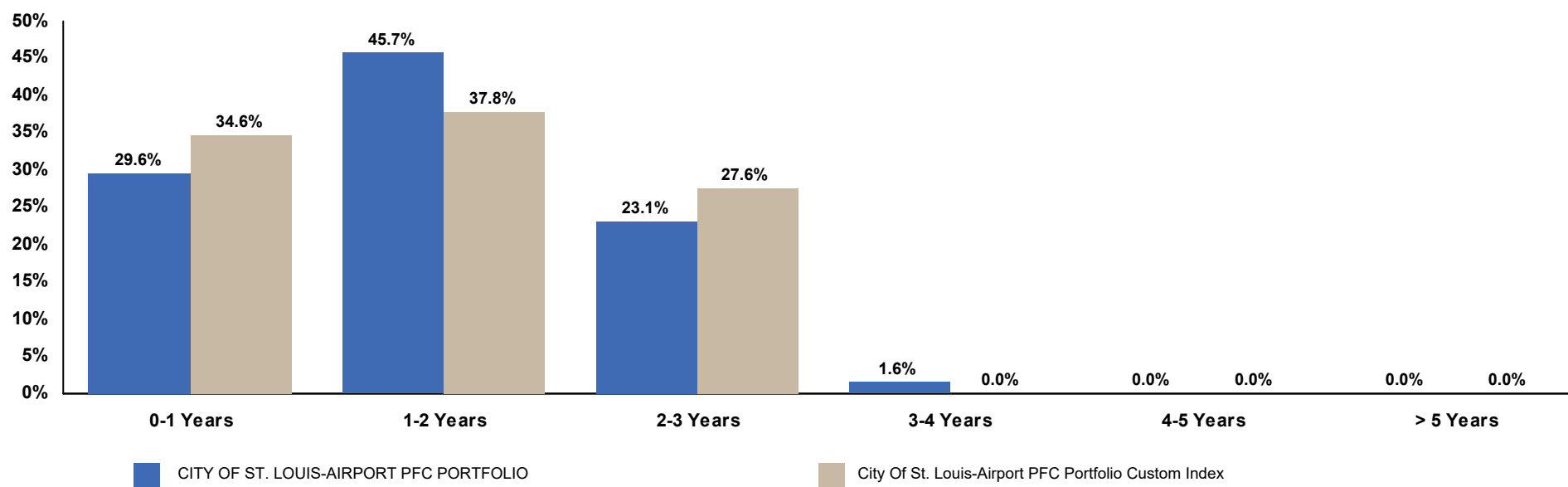


Detail may not add to total due to rounding.

## Maturity Distribution

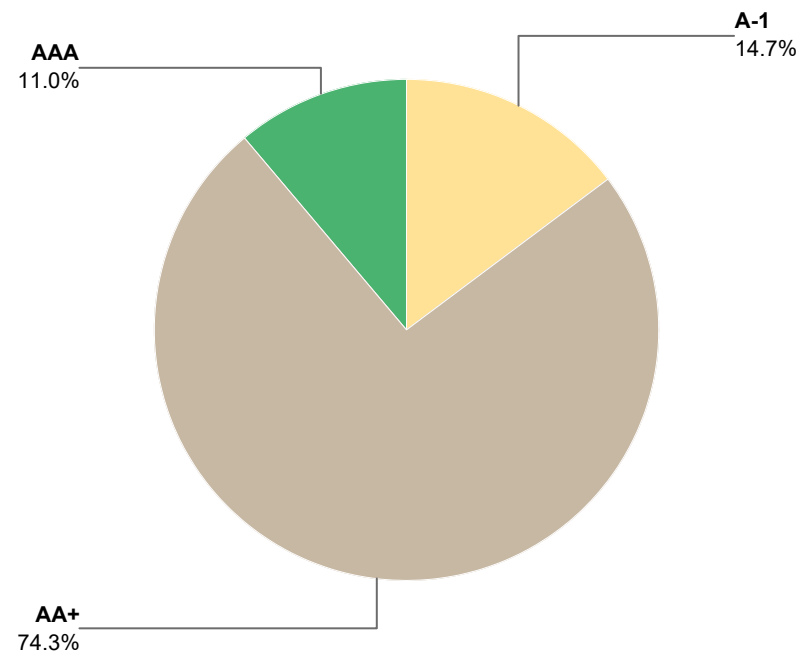
As of March 31, 2020

| Portfolio/Benchmark                                  | Yield<br>at Market | Average<br>Maturity | 0-1<br>Years | 1-2<br>Years | 2-3<br>Years | 3-4<br>Years | 4-5<br>Years | >5<br>Years |
|--|--------------------|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| CITY OF ST. LOUIS-AIRPORT PFC PORTFOLIO              | 0.54%              | 1.45 yrs            | 29.6%        | 45.7%        | 23.1%        | 1.6%         | 0.0%         | 0.0%        |
| City Of St. Louis-Airport PFC Portfolio Custom Index | 0.16%              | 1.44 yrs            | 34.6%        | 37.8%        | 27.6%        | 0.0%         | 0.0%         | 0.0%        |



**Credit Quality***As of March 31, 2020*

| <b>S&amp;P Rating</b> | <b>Market Value (\$)</b> | <b>% of Portfolio</b> |
|-----------------------|--------------------------|-----------------------|
| <b>AA+</b>            | \$11,318,143             | 74.3%                 |
| <b>A-1</b>            | \$2,246,544              | 14.7%                 |
| <b>AAA</b>            | \$1,673,793              | 11.0%                 |
| <b>Totals</b>         | <b>\$15,238,480</b>      | <b>100.0%</b>         |



Detail may not add to total due to rounding.

## Issuer Distribution

As of March 31, 2020

| Issuer                              | Market Value (\$) | % of Portfolio | Top 5 = 76.0% | Top 10 = 88.4% |
|-------------------------------------|-------------------|----------------|---------------|----------------|
| UNITED STATES TREASURY              | 7,118,373         | 46.7%          |               |                |
| FEDERAL HOME LOAN BANKS             | 1,804,960         | 11.8%          |               |                |
| FANNIE MAE                          | 1,384,663         | 9.1%           |               |                |
| FEDERAL FARM CREDIT BANKS           | 730,452           | 4.8%           |               |                |
| ASIAN DEVELOPMENT BANK              | 545,429           | 3.6%           |               |                |
| INTL BANK OF RECONSTRUCTION AND DEV | 387,275           | 2.5%           |               |                |
| ING BANK NV                         | 374,793           | 2.5%           |               |                |
| JP MORGAN CHASE & CO                | 374,760           | 2.5%           |               |                |
| MITSUBISHI UFJ FINANCIAL GROUP INC  | 374,636           | 2.5%           |               |                |
| CANADIAN IMPERIAL BANK OF COMMERCE  | 374,411           | 2.5%           |               |                |
| BANK OF MONTREAL                    | 374,183           | 2.5%           |               |                |
| BNP PARIBAS                         | 373,761           | 2.5%           |               |                |
| AFRICAN DEVELOPMENT BANK            | 347,869           | 2.3%           |               |                |
| FREDDIE MAC                         | 279,696           | 1.8%           |               |                |
| INTERNATIONAL FINANCE CORPORATION   | 229,712           | 1.5%           |               |                |
| INTER-AMERICAN DEVELOPMENT BANK     | 163,508           | 1.1%           |               |                |
| <b>Grand Total:</b>                 | <b>15,238,480</b> | <b>100.0%</b>  |               |                |



## CITY OF ST. LOUIS - GENERAL POOL PORTFOLIO



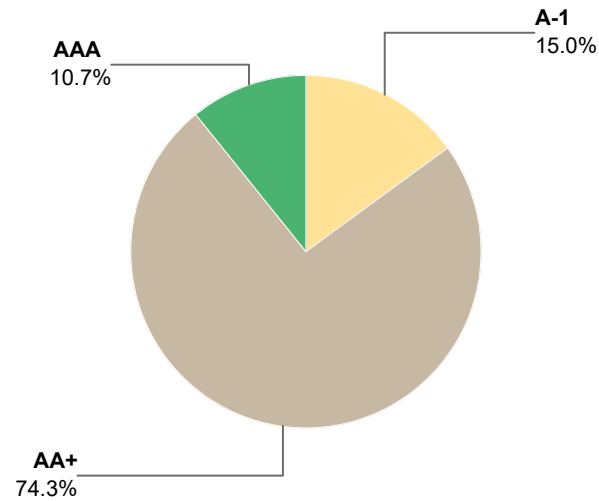


## Portfolio Statistics

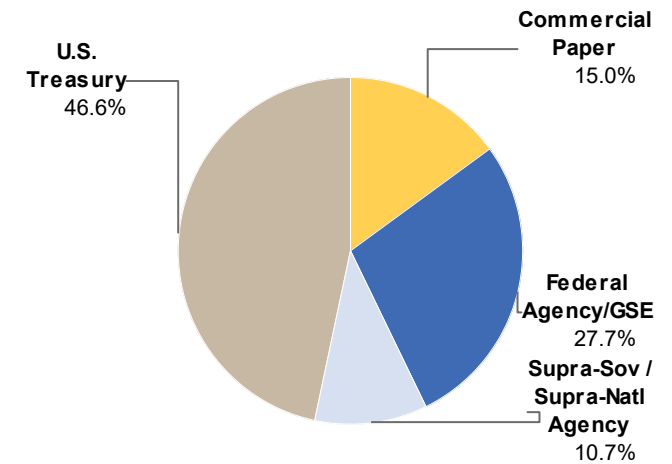
As of March 31, 2020

|                        |              |
|------------------------|--------------|
| Par Value:             | \$34,305,000 |
| Total Market Value:    | \$35,131,298 |
| Security Market Value: | \$34,975,936 |
| Accrued Interest:      | \$123,561    |
| Cash:                  | \$31,802     |
| Amortized Cost:        | \$34,286,693 |
| Yield at Market:       | 0.54%        |
| Yield at Cost:         | 1.96%        |
| Effective Duration:    | 1.38 Years   |
| Duration to Worst:     | 1.42 Years   |
| Average Maturity:      | 1.44 Years   |
| Average Credit: *      | AA           |

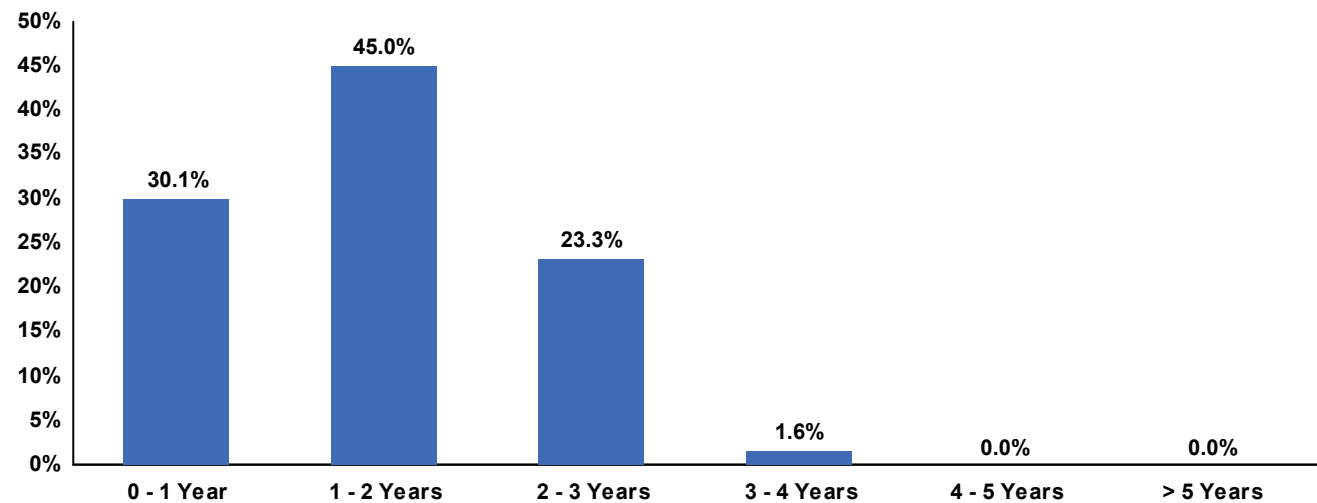
## Credit Quality (S&amp;P Ratings)



## Sector Allocation



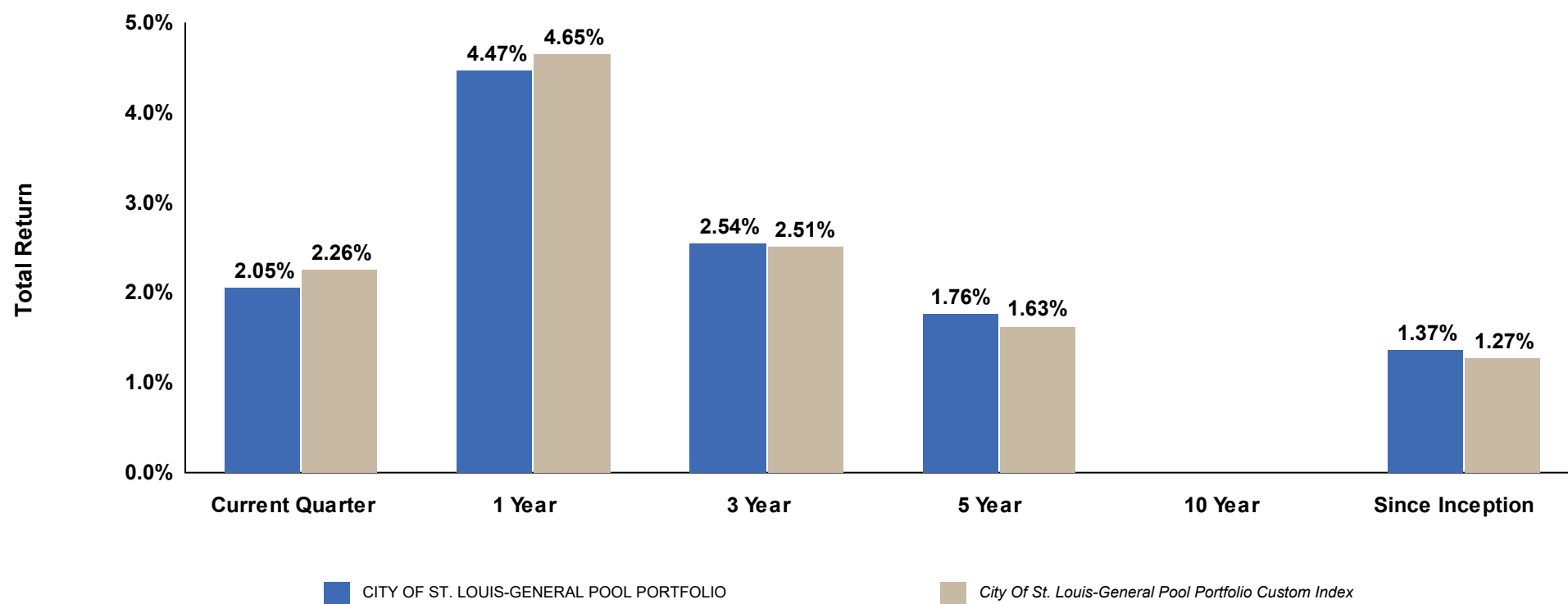
## Maturity Distribution



\* An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

## Portfolio Performance (Total Return)

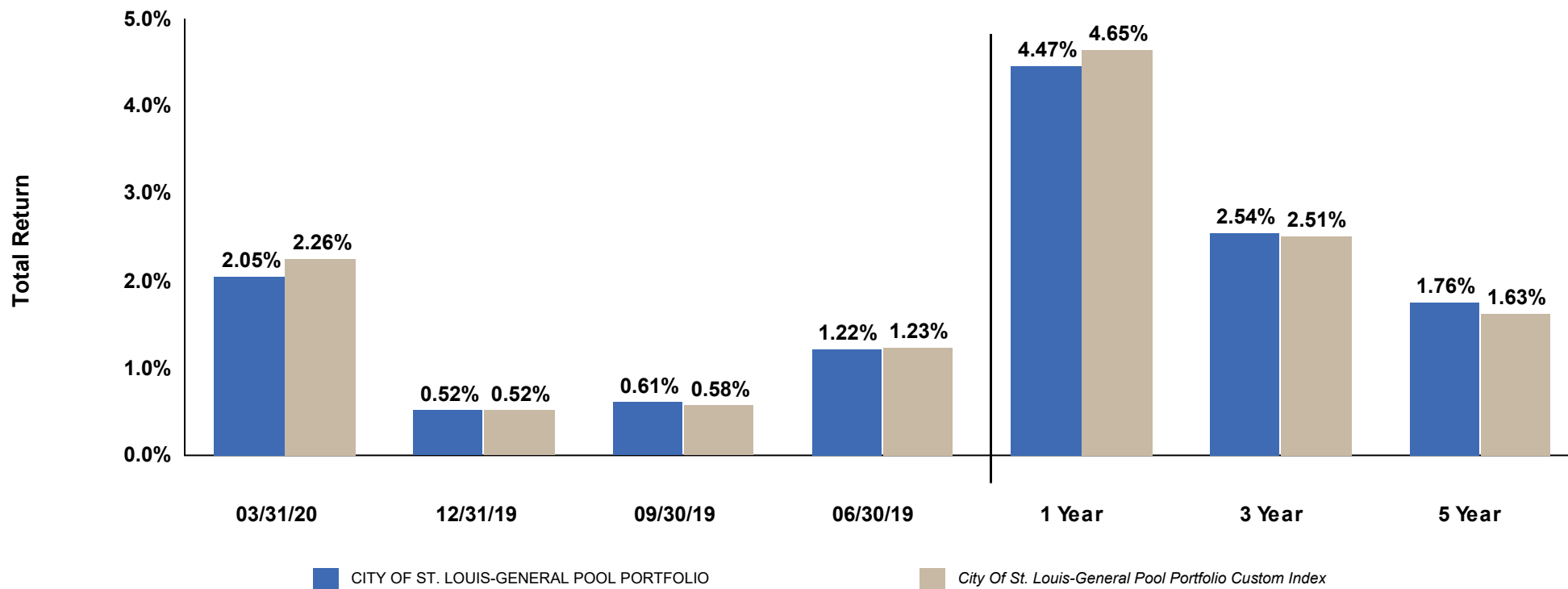
| Portfolio/Benchmark                                   | Effective Duration | Current Quarter | Annualized Return |        |        |         |                               |
|---|--------------------|-----------------|-------------------|--------|--------|---------|-------------------------------|
|   |                    |                 | 1 Year            | 3 Year | 5 Year | 10 Year | Since Inception (06/30/13) ** |
|   |                    |                 |                   |        |        |         |                               |
| CITY OF ST. LOUIS-GENERAL POOL PORTFOLIO              | 1.38               | 2.05%           | 4.47%             | 2.54%  | 1.76%  | -       | 1.37%                         |
| City Of St. Louis-General Pool Portfolio Custom Index | 1.38               | 2.26%           | 4.65%             | 2.51%  | 1.63%  | -       | 1.27%                         |
| Difference  |                    | -0.21%          | -0.18%            | 0.03%  | 0.13%  | -       | 0.10%                         |



Portfolio performance is gross of fees unless otherwise indicated. \*\*Since Inception performance is not shown for periods less than one year.

## Portfolio Performance (Total Return)

| Portfolio/Benchmark                                   | Effective Duration | Quarter Ended |          |          |          | 1 Year | Annualized Return |        |
|---|--------------------|---------------|----------|----------|----------|--------|-------------------|--------|
|   |                    | 03/31/20      | 12/31/19 | 09/30/19 | 06/30/19 |        | 3 Year            | 5 Year |
| CITY OF ST. LOUIS-GENERAL POOL PORTFOLIO              | 1.38               | 2.05%         | 0.52%    | 0.61%    | 1.22%    | 4.47%  | 2.54%             | 1.76%  |
| City Of St. Louis-General Pool Portfolio Custom Index | 1.38               | 2.26%         | 0.52%    | 0.58%    | 1.23%    | 4.65%  | 2.51%             | 1.63%  |
| Difference  |                    | -0.21%        | 0.00%    | 0.03%    | -0.01%   | -0.18% | 0.03%             | 0.13%  |



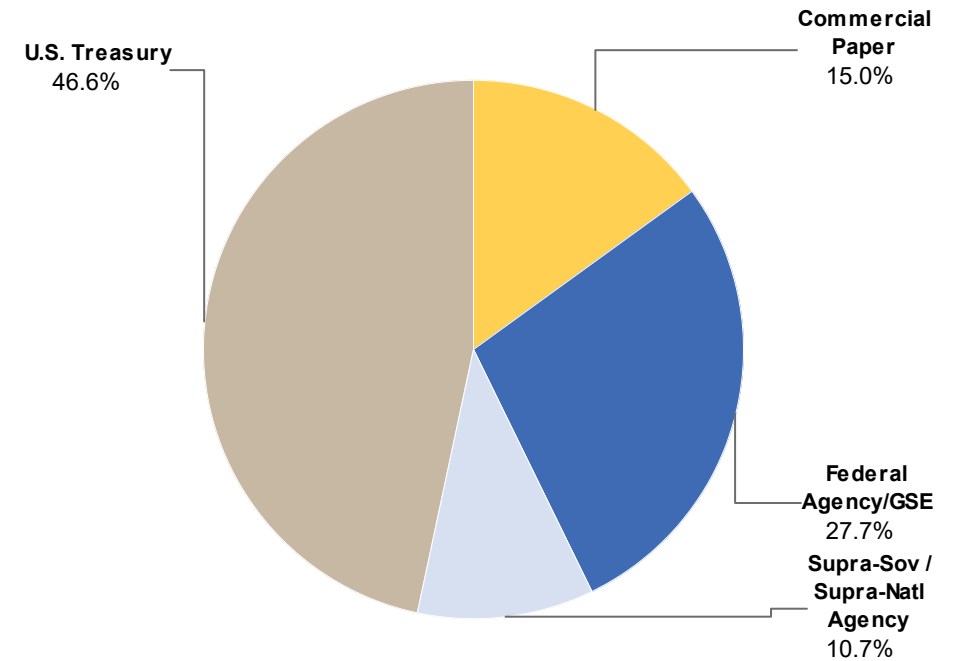
Portfolio performance is gross of fees unless otherwise indicated.

**Portfolio Earnings****Quarter-Ended March 31, 2020**

|                                     | <b>Market Value Basis</b> | <b>Accrual (Amortized Cost) Basis</b> |
|-------------------------------------|---------------------------|---------------------------------------|
| <b>Beginning Value (12/31/2019)</b> | \$34,235,956.42           | \$34,007,525.31                       |
| <b>Net Purchases/Sales</b>          | \$178,323.58              | \$178,323.58                          |
| <b>Change in Value</b>              | \$561,655.61              | \$100,844.39                          |
| <b>Ending Value (03/31/2020)</b>    | \$34,975,935.61           | \$34,286,693.28                       |
| <b>Interest Earned</b>              | \$142,449.67              | \$142,449.67                          |
| <b>Portfolio Earnings</b>           | \$704,105.28              | \$243,294.06                          |

**Sector Allocation***As of March 31, 2020*

| Sector                        | Market Value (\$)   | % of Portfolio |
|-------------------------------|---------------------|----------------|
| U.S. Treasury                 | 16,308,287          | 46.6%          |
| Federal Agency/GSE            | 9,678,088           | 27.7%          |
| Commercial Paper              | 5,241,935           | 15.0%          |
| Supra-Sov / Supra-Natl Agency | 3,747,626           | 10.7%          |
| <b>Total</b>                  | <b>\$34,975,936</b> | <b>100.0%</b>  |

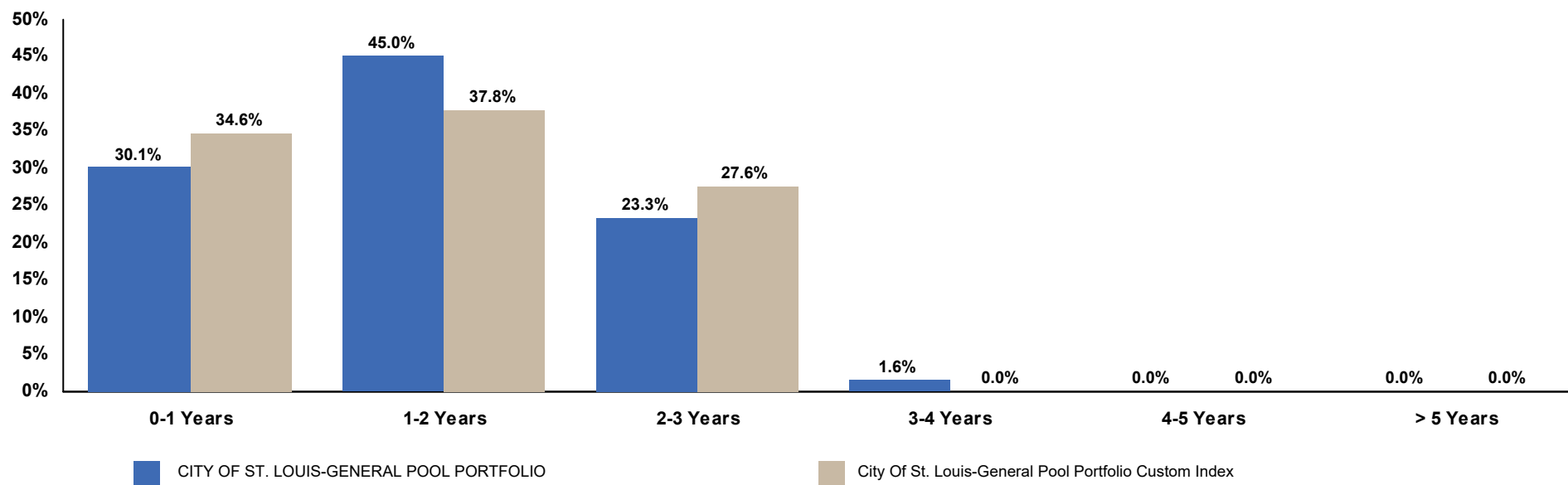


Detail may not add to total due to rounding.

## Maturity Distribution

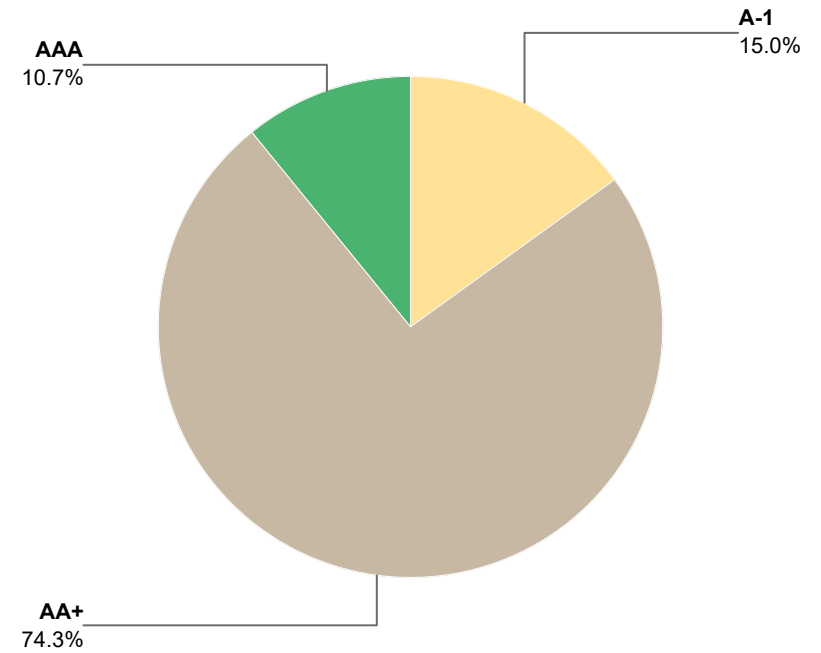
As of March 31, 2020

| Portfolio/Benchmark                                   | Yield<br>at Market | Average<br>Maturity | 0-1<br>Years | 1-2<br>Years | 2-3<br>Years | 3-4<br>Years | 4-5<br>Years | >5<br>Years |
|---|--------------------|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| CITY OF ST. LOUIS-GENERAL POOL PORTFOLIO              | 0.54%              | 1.44 yrs            | 30.1%        | 45.0%        | 23.3%        | 1.6%         | 0.0%         | 0.0%        |
| City Of St. Louis-General Pool Portfolio Custom Index | 0.16%              | 1.44 yrs            | 34.6%        | 37.8%        | 27.6%        | 0.0%         | 0.0%         | 0.0%        |



**Credit Quality***As of March 31, 2020*

| S&P Rating    | Market Value (\$)   | % of Portfolio |
|---------------|---------------------|----------------|
| AA+           | \$25,986,375        | 74.3%          |
| A-1           | \$5,241,935         | 15.0%          |
| AAA           | \$3,747,626         | 10.7%          |
| <b>Totals</b> | <b>\$34,975,936</b> | <b>100.0%</b>  |



Detail may not add to total due to rounding.

## Issuer Distribution

As of March 31, 2020

| Issuer                              | Market Value (\$) | % of Portfolio | Top 5 = 76.0% | Top 10 = 88.5% |
|-------------------------------------|-------------------|----------------|---------------|----------------|
| UNITED STATES TREASURY              | 16,308,287        | 46.6%          |               |                |
| FEDERAL HOME LOAN BANKS             | 4,203,353         | 12.0%          |               |                |
| FANNIE MAE                          | 3,127,592         | 8.9%           |               |                |
| FEDERAL FARM CREDIT BANKS           | 1,686,044         | 4.8%           |               |                |
| ASIAN DEVELOPMENT BANK              | 1,247,361         | 3.6%           |               |                |
| ING BANK NV                         | 874,516           | 2.5%           |               |                |
| JP MORGAN CHASE & CO                | 874,441           | 2.5%           |               |                |
| MITSUBISHI UFJ FINANCIAL GROUP INC  | 874,151           | 2.5%           |               |                |
| CANADIAN IMPERIAL BANK OF COMMERCE  | 873,625           | 2.5%           |               |                |
| BANK OF MONTREAL                    | 873,094           | 2.5%           |               |                |
| BNP PARIBAS                         | 872,108           | 2.5%           |               |                |
| INTL BANK OF RECONSTRUCTION AND DEV | 825,375           | 2.4%           |               |                |
| AFRICAN DEVELOPMENT BANK            | 786,307           | 2.3%           |               |                |
| FREDDIE MAC                         | 661,100           | 1.9%           |               |                |
| INTERNATIONAL FINANCE CORPORATION   | 510,470           | 1.5%           |               |                |
| INTER-AMERICAN DEVELOPMENT BANK     | 378,113           | 1.1%           |               |                |
| <b>Grand Total:</b>                 | <b>34,975,936</b> | <b>100.0%</b>  |               |                |





# CITY OF ST. LOUIS - WATER REVENUE PORTFOLIO

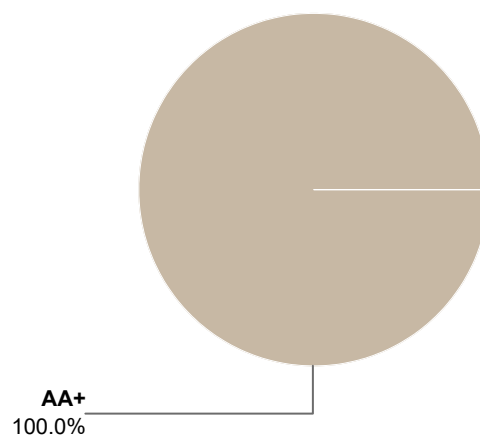


## Portfolio Statistics

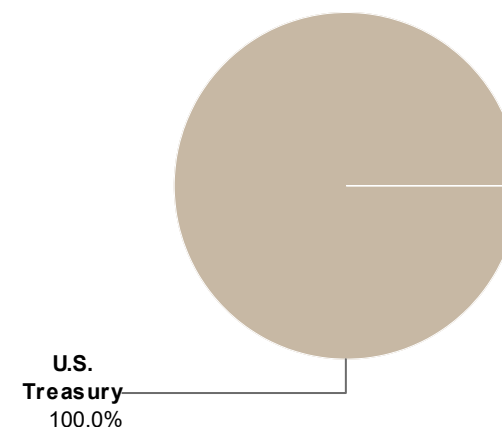
As of March 31, 2020

|                        |             |
|------------------------|-------------|
| Par Value:             | \$1,350,000 |
| Total Market Value:    | \$1,374,113 |
| Security Market Value: | \$1,356,328 |
| Accrued Interest:      | \$2,559     |
| Cash:                  | \$15,226    |
| Amortized Cost:        | \$1,348,809 |
| Yield at Market:       | 0.25%       |
| Yield at Cost:         | 1.74%       |
| Effective Duration:    | 0.38 Years  |
| Duration to Worst:     | 0.38 Years  |
| Average Maturity:      | 0.38 Years  |
| Average Credit: *      | AA          |

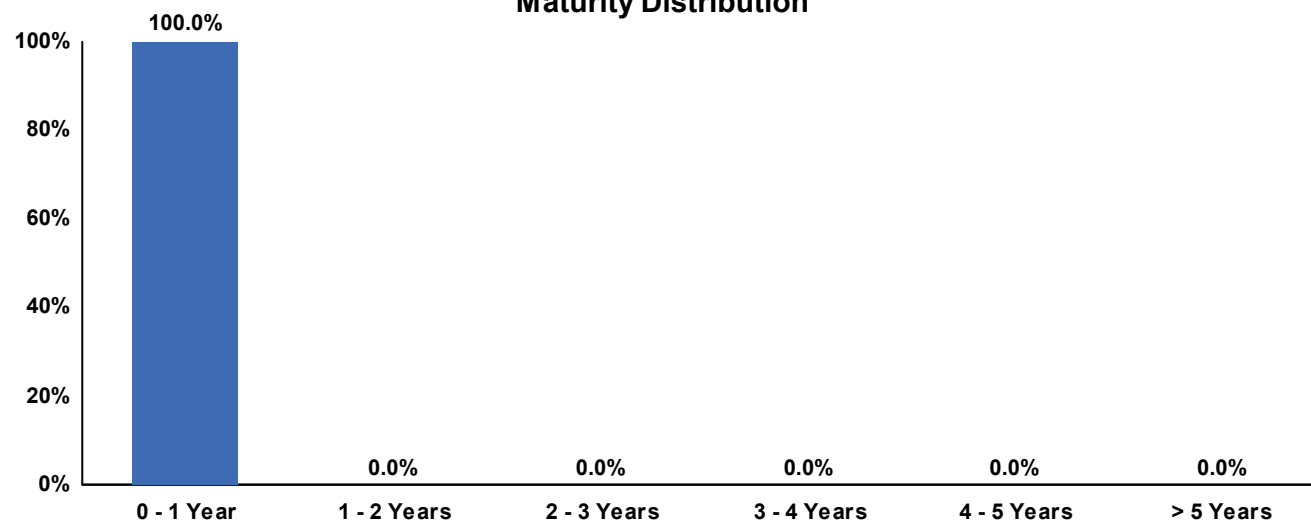
## Credit Quality (S&amp;P Ratings)



## Sector Allocation



## Maturity Distribution



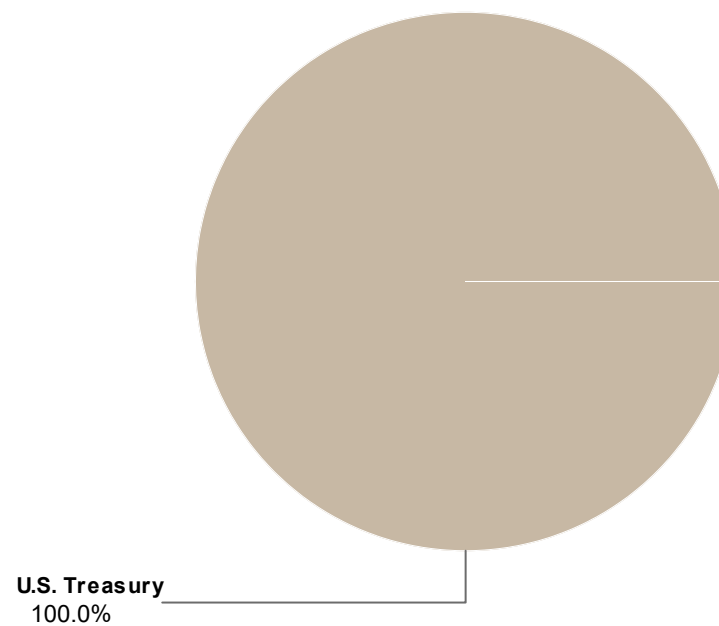
\* An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

**Portfolio Earnings****Quarter-Ended March 31, 2020**

|                                     | <b>Market Value Basis</b> | <b>Accrual (Amortized Cost) Basis</b> |
|-------------------------------------|---------------------------|---------------------------------------|
| <b>Beginning Value (12/31/2019)</b> | \$1,348,945.65            | \$1,348,019.20                        |
| <b>Net Purchases/Sales</b>          | \$0.00                    | \$0.00                                |
| <b>Change in Value</b>              | \$7,382.48                | \$790.29                              |
| <b>Ending Value (03/31/2020)</b>    | \$1,356,328.13            | \$1,348,809.49                        |
| <b>Interest Earned</b>              | \$5,040.10                | \$5,040.10                            |
| <b>Portfolio Earnings</b>           | \$12,422.58               | \$5,830.39                            |

**Sector Allocation***As of March 31, 2020*

| Sector        | Market Value (\$)  | % of Portfolio |
|---------------|--------------------|----------------|
| U.S. Treasury | 1,356,328          | 100.0%         |
| <b>Total</b>  | <b>\$1,356,328</b> | <b>100.0%</b>  |

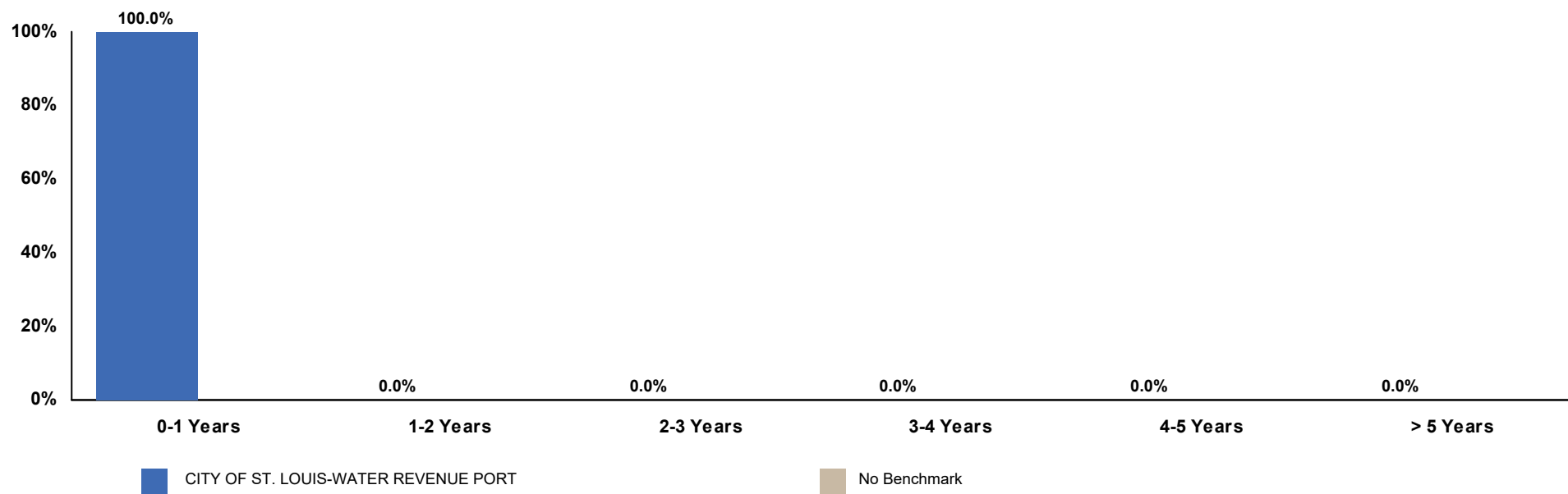


Detail may not add to total due to rounding.

## Maturity Distribution

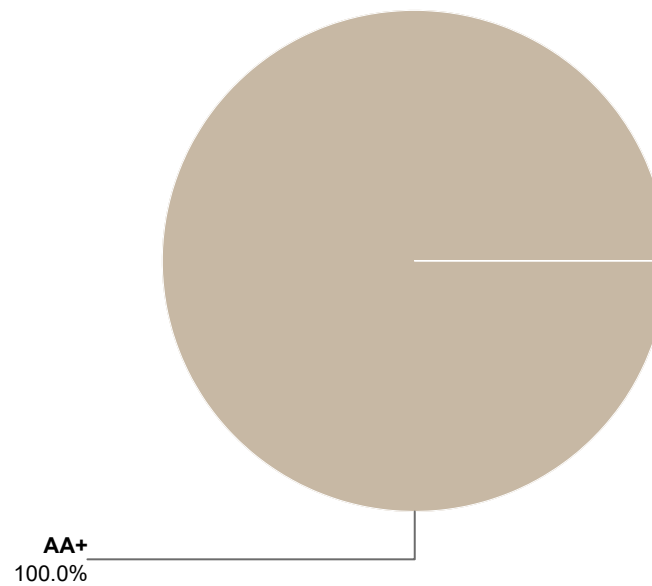
As of March 31, 2020

| Portfolio/Benchmark                  | Yield<br>at Market | Average<br>Maturity | 0-1<br>Years | 1-2<br>Years | 2-3<br>Years | 3-4<br>Years | 4-5<br>Years | >5<br>Years |
|--------------------------------------|--------------------|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|
| CITY OF ST. LOUIS-WATER REVENUE PORT | 0.25%              | 0.38 yrs            | 100.0%       | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%        |
| No Benchmark                         |                    |                     |              |              |              |              |              |             |



**Credit Quality*****As of March 31, 2020***

| <b>S&amp;P Rating</b> | <b>Market Value (\$)</b> | <b>% of Portfolio</b> |
|-----------------------|--------------------------|-----------------------|
| <b>AA+</b>            | \$1,356,328              | 100.0%                |
| <b>Totals</b>         | <b>\$1,356,328</b>       | <b>100.0%</b>         |



Detail may not add to total due to rounding.

**Issuer Distribution*****As of March 31, 2020***

| <b>Issuer</b>          | <b>Market Value (\$)</b> | <b>% of Portfolio</b> |
|------------------------|--------------------------|-----------------------|
| UNITED STATES TREASURY | 1,356,328                | 100.0%                |
| <b>Grand Total:</b>    | <b>1,356,328</b>         | <b>100.0%</b>         |

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# **Portfolio Summary and Statistics**

## City of St. Louis - PFM Managed Accounts



Account Summary Report for: CITY OF ST LOUIS

As of 3/31/2020

| Portfolio Number | Portfolio Description                    | Par Value             | Market Value          | Accrued Interest  | Total Value           | Yield at Cost | Yield to Maturity | Duration to Worst |
|------------------|--|-----------------------|-----------------------|-------------------|-----------------------|---------------|-------------------|-------------------|
| 81670100         | CITY OF ST. LOUIS-AIRPORT PORTFOLIO      | 115,305,000.00        | 117,603,047.92        | 408,909.17        | 118,011,957.09        | 1.96          | 0.55              | 1.43              |
| 81670200         | CITY OF ST. LOUIS-AIRPORT PFC PORTFOLIO  | 14,945,000.00         | 15,238,479.77         | 54,471.83         | 15,292,951.60         | 1.96          | 0.54              | 1.42              |
| 81670300         | CITY OF ST. LOUIS-GENERAL POOL PORTFOLIO | 34,305,000.00         | 34,975,935.59         | 125,764.13        | 35,101,699.72         | 1.96          | 0.54              | 1.42              |
| 81670400         | CITY OF ST. LOUIS-WATER REVENUE PORT     | 1,350,000.00          | 1,356,328.13          | 2,559.07          | 1,358,887.20          | 1.74          | 0.25              | 0.38              |
| <b>Total</b>     |  | <b>165,905,000.00</b> | <b>169,173,791.41</b> | <b>591,704.20</b> | <b>169,765,495.61</b> |               |                   |                   |

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# **Portfolio Summary and Statistics**

## City of St. Louis - CCG Managed Accounts

Account Summary Report for: CITY OF ST LOUIS- UMB MANAGED

As of 3/31/2020

| Portfolio Number | Portfolio Description                    | Par Value            | Market Value         | Accrued Interest  | Total Value          | Yield at Cost | Yield to Maturity | Duration to Worst |
|------------------|--|----------------------|----------------------|-------------------|----------------------|---------------|-------------------|-------------------|
| 81680002         | ST LOUIS LAMBERT FIELD 2005A DSR         | 1,810,000.00         | 1,839,129.78         | 10,864.97         | 1,849,994.75         | 2.84          | 0.23              | 0.74              |
| 81680009         | STL LAMBERT FLD-ARPT REV BND SERIES 2012 | 908,000.00           | 909,346.73           | 3,833.84          | 913,180.57           | 5.41          | 0.39              | 0.13              |
| 81680015         | ST LOUIS LAMBERT FIELD 2012 DSR          | 2,785,000.00         | 2,826,473.51         | 15,160.09         | 2,841,633.60         | 2.48          | 0.23              | 0.83              |
| 81680016         | ST LOUIS LAMBERT FIELD 2015 DSR          | 1,970,000.00         | 2,001,704.79         | 11,825.41         | 2,013,530.20         | 2.84          | 0.23              | 0.74              |
| 81680017         | ST LOUIS LAMBERT FLD 2015 DEBT SERVICE   | 3,977,000.00         | 3,982,001.53         | 16,846.94         | 3,998,848.47         | 5.42          | 0.38              | 0.11              |
| 81680018         | ST LOUIS LAMBERT FIELD 2017 C & D DSR    | 5,010,000.00         | 5,082,712.50         | 23,363.33         | 5,106,075.83         | 2.04          | 0.23              | 0.99              |
| 81680019         | ST LOUIS LAMBERT FLD 17C CONSTRUCTION BD | 24,795,000.00        | 25,098,565.90        | 119,013.95        | 25,217,579.85        | 1.83          | 0.23              | 0.74              |
| 81680020         | ST LOUIS LAMBERT FLD 17D CONSTRUCTION BD | 19,925,000.00        | 20,170,703.34        | 95,999.72         | 20,266,703.06        | 1.85          | 0.23              | 0.75              |
| 81680022         | ST LOUIS LAMBERT FIELD SER 2019A CONS FD | 3,500,000.00         | 3,540,850.07         | 15,408.10         | 3,556,258.17         | 1.53          | 0.22              | 0.72              |
| 81680023         | ST LOUIS LAMBERT FIELD SER 2019B CONS FD | 2,220,000.00         | 2,245,875.04         | 9,771.84          | 2,255,646.88         | 1.53          | 0.22              | 0.71              |
| 81680100         | CITY OF ST LOUIS FIRE DEBT ACCOUNT       | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680112         | ST LOUIS AIRPORT 2005 REFUNDED           | 2,012,000.00         | 2,013,034.17         | 5,204.71          | 2,018,238.88         | 5.43          | 0.31              | 0.09              |
| 81680113         | ST LOUIS AIRPORT 2007A                   | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680121         | ST LOUIS CARNAHAN COURTHOUSE 2016A DSR   | 2,046,000.00         | 2,044,666.01         | 0.00              | 2,044,666.01         | 5.88          | 0.15              | 0.38              |
| 81680205         | STL MFC REC CENTER BONDS SERIES 2016 DSR | 3,015,000.00         | 3,059,230.47         | 14,461.89         | 3,073,692.36         | 1.81          | 0.24              | 0.91              |
| 81680300         | STL PARKING TRUST PARKING                | 1,910,000.00         | 1,940,739.16         | 11,465.25         | 1,952,204.41         | 2.84          | 0.23              | 0.74              |
| 81680301         | STL PARKING TRUST GENERAL                | 1,480,000.00         | 1,503,818.82         | 8,884.07          | 1,512,702.89         | 2.84          | 0.23              | 0.74              |
| 81680302         | STL PARKING REPAIR AND REPLACE           | 2,085,000.00         | 2,111,093.78         | 10,242.58         | 2,121,336.36         | 1.88          | 0.22              | 0.73              |
| 81680308         | STL PARKING REVENUE- 2015 PROJECT        | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680309         | STL PARKING REVENUE BONDS 2015 DSR       | 495,000.00           | 500,984.39           | 2,664.90          | 503,649.29           | 2.39          | 0.22              | 0.64              |
| 81680310         | STL PARKING REV BONDS 2013 DEBT SERVICE  | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680311         | STL PARKING REV BONDS 2015 DEBT SERVICE  | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680351         | FOREST PK CAP LEASEHOLD IMPROVE BONDS 13 | 7,585,000.00         | 7,674,517.27         | 38,912.02         | 7,713,429.29         | 1.96          | 0.23              | 0.67              |
| 81680352         | STL FOREST PK CAP LEASE IMPROVE 2015 DSR | 825,000.00           | 838,333.63           | 4,876.45          | 843,210.08           | 2.79          | 0.23              | 0.77              |
| 81680405         | STL MLK PLAZA REDEVELOPMENT PRJ 2004 DSR | 0.00                 | 0.00                 | 0.00              | 0.00                 | n/a           | n/a               | n/a               |
| 81680407         | STL GRAND CTR REDEVELOP PROJ 2011B DSR   | 1,620,000.00         | 1,646,071.96         | 9,724.45          | 1,655,796.41         | 2.84          | 0.23              | 0.74              |
| <b>Total</b>     |  | <b>89,973,000.00</b> | <b>91,029,852.85</b> | <b>428,524.51</b> | <b>91,458,377.36</b> |               |                   |                   |

Account Summary Report for: CITY OF ST LOUIS-BNY

As of 3/31/2020

| Portfolio Number | Portfolio Description                  | Par Value           | Market Value        | Accrued Interest | Total Value         | Yield at Cost | Yield to Maturity | Duration to Worst |
|------------------|--|---------------------|---------------------|------------------|---------------------|---------------|-------------------|-------------------|
| 81690100         | MFC CCC IMPROVEMENT PROJECT 2009A DSR  | 750,000.00          | 762,323.44          | 3,123.01         | 765,446.45          | 1.99          | 0.22              | 1.15              |
| 81690105         | MFC CCC IMPROVE PRJ 2010A BOND RESERVE | 2,450,000.00        | 2,492,875.00        | 10,062.50        | 2,502,937.50        | 1.88          | 0.22              | 1.24              |
| 81690110         | MFC CCC IMPROVEMENT 2015 DSR           | 2,365,000.00        | 2,400,746.88        | 10,013.53        | 2,410,760.41        | 2.12          | 0.22              | 1.04              |
| <b>Total</b>     |  | <b>5,565,000.00</b> | <b>5,655,945.32</b> | <b>23,199.04</b> | <b>5,679,144.36</b> |               |                   |                   |

Account Summary Report for: CITY OF ST. LOUIS- COMER MANAGED

As of 3/31/2020

| Portfolio Number | Portfolio Description                   | Par Value           | Market Value        | Accrued Interest | Total Value         | Yield at Cost | Yield to Maturity | Duration to Worst |
|------------------|---|---------------------|---------------------|------------------|---------------------|---------------|-------------------|-------------------|
| 81700500         | STL CITY PARKS SERIES 2014 PROJECT FUND | 595,000.00          | 604,046.88          | 2,516.42         | 606,563.30          | 2.11          | 0.22              | 1.05              |
| 81700510         | STL CITY PARKS SERIES 2014 DSR          | 780,000.00          | 791,334.38          | 3,326.79         | 794,661.17          | 2.18          | 0.21              | 0.99              |
| <b>Total</b>     |   | <b>1,375,000.00</b> | <b>1,395,381.26</b> | <b>5,843.21</b>  | <b>1,401,224.47</b> |               |                   |                   |

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# **Portfolio Summary and Statistics**

## City of St. Louis - MOSIP Accounts

**Consolidated Summary Statement**

City of St. Louis

**Portfolio Summary**

| Portfolio Holdings | Cash Dividends<br>and Income | Closing<br>Market Value | Current<br>Yield |
|--------------------|------------------------------|-------------------------|------------------|
| MOSIP              | 36,484.88                    | 46,236,858.04           | 1.00 %           |
| MOSIP TERM         | 0.00                         | 27,914,000.00           | * N/A            |
| <b>Total</b>       | <b>\$36,484.88</b>           | <b>\$74,150,858.04</b>  |                  |

\* Not Applicable

**Investment Allocation**

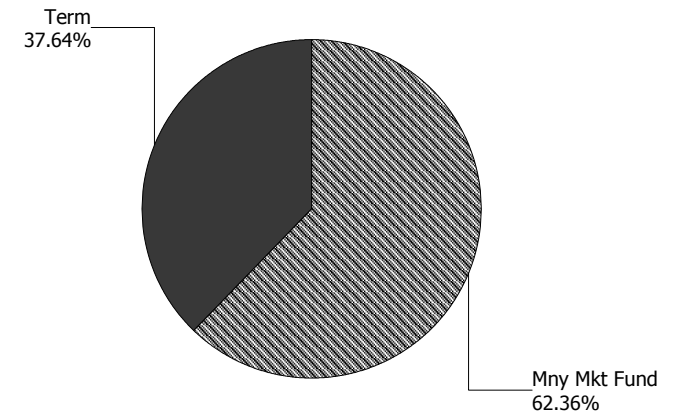
| Investment Type          | Closing Market Value   | Percent        |
|--------------------------|------------------------|----------------|
| Money Market Mutual Fund | 46,236,858.04          | 62.36          |
| Term Investment          | 27,914,000.00          | 37.64          |
| <b>Total</b>             | <b>\$74,150,858.04</b> | <b>100.00%</b> |

**Maturity Distribution (Fixed Income Holdings)**

| Portfolio Holdings | Closing Market Value   | Percent        |
|--------------------|------------------------|----------------|
| Under 30 days      | 46,236,858.04          | 62.36          |
| 31 to 60 days      | 0.00                   | 0.00           |
| 61 to 90 days      | 6,000,000.00           | 8.09           |
| 91 to 180 days     | 21,914,000.00          | 29.55          |
| 181 days to 1 year | 0.00                   | 0.00           |
| 1 to 2 years       | 0.00                   | 0.00           |
| 2 to 3 years       | 0.00                   | 0.00           |
| 3 to 4 years       | 0.00                   | 0.00           |
| 4 to 5 years       | 0.00                   | 0.00           |
| Over 5 years       | 0.00                   | 0.00           |
| <b>Total</b>       | <b>\$74,150,858.04</b> | <b>100.00%</b> |

**Weighted Average Days to Maturity**      **33**

**Sector Allocation**



## Account Statement

For the Month Ending **March 31, 2020**

### Consolidated Summary Statement

City of St. Louis

| Account Number | Account Name     | Opening Market Value   | Purchases / Deposits   | Redemptions / Sales / Maturities | Unsettled Trades | Change in Value | Closing Market Value   | Cash Dividends and Income |
|----------------|------------------|------------------------|------------------------|----------------------------------|------------------|-----------------|------------------------|---------------------------|
| 8500162        | General Fund     | 40,101,989.63          | 20,029,906.72          | 0.00                             | 0.00             | 0.00            | 60,131,896.35          | 29,906.72                 |
| 8500181        | Water - ORD #1   | 957,229.88             | 0.25                   | 0.00                             | 0.00             | 0.00            | 957,230.13             | 0.25                      |
| 8500182        | Water - ORD #2   | 957,142.54             | 0.15                   | 0.00                             | 0.00             | 0.00            | 957,142.69             | 0.15                      |
| 8500230        | Parking Division | 6,098,011.11           | 6,577.76               | 0.00                             | 0.00             | 0.00            | 6,104,588.87           | 6,577.76                  |
| 8500414        | Water - General  | 6,000,000.00           | 0.00                   | 0.00                             | 0.00             | 0.00            | 6,000,000.00           | 0.00                      |
| <b>Total</b>   |                  | <b>\$54,114,373.16</b> | <b>\$20,036,484.88</b> | <b>\$0.00</b>                    | <b>\$0.00</b>    | <b>\$0.00</b>   | <b>\$74,150,858.04</b> | <b>\$36,484.88</b>        |



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**IMPORTANT DISCLOSURES**

This material is based on information obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness or suitability. This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some, but not all of which, are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities.

- Market values that include accrued interest are derived from closing bid prices as of the last business day of the month as supplied by Refinitiv, Bloomberg, or Telerate. Where prices are not available from generally recognized sources, the securities are priced using a yield based matrix system to arrive at an estimated market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

## GLOSSARY

- **ACCRUED INTEREST:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **AGENCIES:** Federal agency securities and/or Government-sponsored enterprises.
- **AMORTIZED COST:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **BANKERS' ACCEPTANCE:** A draft or bill of exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **COMMERCIAL PAPER:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **CONTRIBUTION TO DURATION:** Represents each sector or maturity range's relative contribution to the overall duration of the portfolio measured as a percentage weighting. Since duration is a key measure of interest rate sensitivity, the contribution to duration measures the relative amount or contribution of that sector or maturity range to the total rate sensitivity of the portfolio.
- **DURATION TO WORST:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years, computed from cash flows to the maturity date or to the put date, whichever results in the highest yield to the investor.
- **EFFECTIVE DURATION:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **EFFECTIVE YIELD:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **INTEREST RATE:** Interest per year divided by principal amount and expressed as a percentage.
- **MARKET VALUE:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **MATURITY:** The date upon which the principal or stated value of an investment becomes due and payable.
- **NEGOTIABLE CERTIFICATES OF DEPOSIT:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **PAR VALUE:** The nominal dollar face amount of a security.

## GLOSSARY

- **PASS THROUGH SECURITY:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.
- **REPURCHASE AGREEMENTS:** A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- **SETTLE DATE:** The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- **TRADE DATE:** The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- **UNSETTLED TRADE:** A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- **U.S. TREASURY:** The department of the U.S. government that issues Treasury securities.
- **YIELD:** The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- **YTM AT COST:** The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- **YTM AT MARKET:** The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.