

**State of Kansas  
Municipal Investment Pool  
Monthly Review  
October 31, 2019**

|  |                   | <u>Current Month<br/>Oct-19</u> | <u>Last Month<br/>Sep-19</u> | <u>Last Year<br/>Oct-18</u> |
|--|-------------------|---------------------------------|------------------------------|-----------------------------|
| Rate (Last Day)                                | OMIP              | 1.250%                          | 1.500%                       | 1.750%                      |
|  | FX-30             | 1.390%                          | 1.630%                       | 2.060%                      |
|  | FX-90             | 1.390%                          | 1.630%                       | 2.060%                      |
|  | FX-180            | 1.370%                          | 1.640%                       | 2.180%                      |
|  | FX-365            | 1.390%                          | 1.570%                       | 2.440%                      |
|  | FX-550            | 1.390%                          | 1.490%                       | 2.550%                      |
|  | FX-730            | 1.360%                          | 1.400%                       | 2.610%                      |
| <hr/>  |                   |                                 |                              |                             |
| Number of Active Participants*                 | All Pools         | 132                             | 133                          | 126                         |
| <hr/>  |                   |                                 |                              |                             |
| Pool Balance (Last Day)                        | OMIP              | \$811,003,685                   | \$915,710,243                | \$758,398,731               |
|  | FX-30             | \$106,229,774                   | \$21,425,490                 | \$102,161,209               |
|  | FX-90             | \$34,490,801                    | \$28,749,719                 | \$33,795,746                |
|  | FX-180            | \$65,121,140                    | \$70,241,218                 | \$75,098,434                |
|  | FX-365            | \$25,827,322                    | \$28,377,322                 | \$65,985,955                |
|  | FX-550            | \$1,503,596                     | \$1,503,596                  | \$835,970                   |
|  | FX-730            | \$25,000                        | \$25,000                     | \$0                         |
|  | Total - All Pools | <u>\$1,044,201,318</u>          | <u>\$1,066,032,588</u>       | <u>\$1,036,276,045</u>      |
| <hr/>  |                   |                                 |                              |                             |
| Average Daily Balance - All Pools              |                   | <u>\$1,074,668,816</u>          | <u>\$1,185,824,334</u>       | <u>\$1,056,491,539</u>      |
| <hr/>  |                   |                                 |                              |                             |
| Participant Wt Avg Maturity Days<br>(Last Day) | OMIP              | 1                               | 1                            | 1                           |
|  | FX-30             | 9                               | 29                           | 10                          |
|  | FX-90             | 62                              | 72                           | 50                          |
|  | FX-180            | 131                             | 144                          | 88                          |
|  | FX-365            | 247                             | 253                          | 137                         |
|  | FX-550            | 200                             | 231                          | 371                         |
|  | FX-730            | 365                             | 396                          | N/A                         |
|  | Combined          | <u>18</u>                       | <u>20</u>                    | <u>19</u>                   |

(\*) = Active Participants are defined as those Participants with an Account Balance GREATER than \$5,000

STATE OF KANSAS  
Municipal Investment Pool  
Summary Report  
October 31, 2019

| Participant Activity  | OMIP               | FX-30            | FX-90            | FX-180           | FX-365           | FX-550         | FX-730      | All Pools          |
|---|--------------------|------------------|------------------|------------------|------------------|----------------|-------------|--------------------|
| Prior Month Ending Principal Deposits   | \$915,710,243.41   | \$21,425,489.66  | \$28,749,719.15  | \$70,241,218.28  | \$28,377,321.89  | \$1,503,595.50 | \$25,000.00 | \$1,066,032,587.89 |
| Current Month Principal Deposits  | \$155,357,387.86   | \$94,501,665.81  | \$9,553,112.41   | \$2,829,922.15   | \$0.00           | \$0.00         | \$0.00      | \$262,242,088.23   |
| Current Month Principal Withdrawals   | (\$261,134,759.25) | (\$9,697,381.53) | (\$3,812,031.06) | (\$7,950,000.00) | (\$2,550,000.00) | \$0.00         | \$0.00      | (\$285,144,171.84) |
| Current Month Ending Principal  | \$809,932,872.02   | \$106,229,773.94 | \$34,490,800.50  | \$65,121,140.43  | \$25,827,321.89  | \$1,503,595.50 | \$25,000.00 | \$1,043,130,504.28 |
| Current Month Interest Posted   | \$1,070,674.43     |                  |                  |                  |                  |                |             | \$1,070,674.43     |
| Current Month Interest Accrual Withdrawn  | \$138.79           |                  |                  |                  |                  |                |             | \$138.79           |
| Current Month Ending Interest   | \$1,070,813.22     | \$0.00           | \$0.00           | \$0.00           | \$0.00           | \$0.00         | \$0.00      | \$1,070,813.22     |
| Current Month Total Balance ( Ending Princ. / Ending Int. )                       |                    |                  |                  |                  |                  |                |             | \$1,044,201,317.50 |
| FX Rate Interest Paid   |                    | \$16,270.10      | \$21,248.37      | \$89,241.98      | \$61,356.92      | \$0.00         | \$0.00      | \$188,117.37       |
| FX Rate Interest Withdrawn  |                    | (\$16,270.10)    | (\$21,248.37)    | (\$89,241.98)    | (\$61,356.92)    | \$0.00         | \$0.00      | (\$188,117.37)     |
| FX Rate End of Month Interest Accrual   |                    | \$143,536.31     | \$80,267.36      | \$340,640.82     | \$283,000.24     | \$34,360.74    | \$650.71    | \$882,456.18       |
| Current Month Total Balance ( Interest Accrual Included )                         | \$811,003,685.24   | \$106,373,310.25 | \$34,571,067.86  | \$65,461,781.25  | \$26,110,322.13  | \$1,537,956.24 | \$25,650.71 | \$1,045,083,773.68 |
| Potential Early Withdrawal Penalty  | N/A                | \$60,681.94      | \$19,702.28      | \$36,664.09      | \$14,753.42      | \$858.90       | \$13.97     | \$132,674.60       |
| Actual Early Withdrawal Penalties<br>(Paid Since Inception of Fixed Rate Options) | N/A                | \$0.00           | \$41,993.12      | \$4,486.03       | \$560.96         | \$0.00         | \$0.00      | \$47,040.11        |

STATE OF KANSAS  
Pooled Money Investment Portfolio  
Summary Report  
October 31, 2019

| Par Value          | Original Cost      | Amortized Cost     | % of Portfolio | Yield  | Market Value       | Unrealized Gain / Loss | Weighted Avg Maturity (Days) |
|--------------------|--------------------|--------------------|----------------|--------|--------------------|------------------------|------------------------------|
| \$3,458,560,000.00 | \$3,438,612,888.88 | \$3,448,552,076.25 | 100.00%        | 1.946% | \$3,449,476,500.00 | \$924,423.75           | 56.1                         |

POOLED MONEY INVESTMENT BOARD  
MONTHLY AVERAGE RATE COMPARISON

|                                 | FY 05 Avg | FY 06 Avg | FY 07 Avg | FY 08 Avg | FY 09 Avg | FY 10 Avg | FY 11 Avg | FY 12 Avg | FY 13 Avg | FY 14 Avg | FY 15 Avg | FY 16 Avg | FY 17 Avg | FY 18 Avg | FY 19 Avg | Jul-19 | Aug-19 | Sep-19 | Oct-19 |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|
| <b>OVERNIGHT - MIP</b>          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | 1.892%    | 3.914%    | 5.035%    | 3.546%    | 0.554%    | 0.061%    | 0.033%    | 0.016%    | 0.024%    | 0.007%    | 0.014%    | 0.031%    | 0.256%    | 0.960%    | 1.817%    | 2.000% | 1.750% | 1.650% | 1.492% |
| <b>FIXED RATE 30 - MIP</b>      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | 2.005%    | 4.104%    | 5.183%    | 3.582%    | 0.862%    | 0.081%    | 0.038%    | 0.020%    | 0.034%    | 0.012%    | 0.025%    | 0.222%    | 0.591%    | 1.207%    | 2.039%    | 1.853% | 1.772% | 1.681% | 1.490% |
| <b>FIXED RATE 90 - MIP</b>      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | 2.239%    | 4.296%    | 5.233%    | 3.646%    | 1.134%    | 0.091%    | 0.046%    | 0.031%    | 0.049%    | 0.032%    | 0.052%    | 0.262%    | 0.602%    | 1.210%    | 2.039%    | 1.853% | 1.772% | 1.681% | 1.490% |
| <b>FIXED RATE 180 - MIP</b>     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | 2.409%    | 4.449%    | 5.254%    | 3.604%    | 1.286%    | 0.103%    | 0.057%    | 0.051%    | 0.070%    | 0.053%    | 0.073%    | 0.344%    | 0.660%    | 1.331%    | 2.141%    | 1.805% | 1.699% | 1.617% | 1.467% |
| <b>FIXED RATE 365 - MIP</b>     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | 2.729%    | 4.519%    | 5.060%    | 3.344%    | 1.766%    | 0.249%    | 0.068%    | 0.122%    | 0.112%    | 0.078%    | 0.100%    | 0.442%    | 0.840%    | 1.523%    | 2.249%    | 1.711% | 1.585% | 1.533% | 1.440% |
| <b>FIXED RATE 550 - MIP</b>     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | 0.366%    | 0.927%    | 1.588%    | 2.284%    | 1.623% | 1.483% | 1.456% | 1.391% |
| <b>FIXED RATE 730 - MIP</b>     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Rates Offered to Participant    | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | 0.392%    | 1.002%    | 1.652%    | 2.287%    | 1.560% | 1.415% | 1.363% | 1.322% |
| <b>State Investment Rates*</b>  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| 1-89 Days                       | 2.158%    | 4.165%    | 5.245%    | 3.769%    | 0.737%    | 0.150%    | 0.080%    | 0.103%    | 0.143%    | 0.084%    | 0.106%    | 0.251%    | 0.608%    | 1.371%    | 2.227%    | 2.401% | 2.188% | 2.103% | 1.846% |
| 3-Mo                            | 2.199%    | 4.118%    | 4.965%    | 2.912%    | 0.587%    | 0.110%    | 0.055%    | 0.044%    | 0.076%    | 0.040%    | 0.033%    | 0.208%    | 0.561%    | 1.425%    | 2.290%    | 2.103% | 2.022% | 1.931% | 1.738% |
| 6-Mo                            | 2.473%    | 4.332%    | 5.050%    | 3.048%    | 0.854%    | 0.201%    | 0.081%    | 0.087%    | 0.119%    | 0.069%    | 0.078%    | 0.342%    | 0.681%    | 1.561%    | 2.383%    | 2.054% | 1.949% | 1.866% | 1.718% |
| 12-Mo                           | 2.721%    | 4.433%    | 4.977%    | 3.068%    | 1.088%    | 0.408%    | 0.143%    | 0.159%    | 0.178%    | 0.137%    | 0.210%    | 0.554%    | 0.876%    | 1.755%    | 2.499%    | 1.961% | 1.835% | 1.780% | 1.689% |
| <b>Treasury Yields</b>          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| 1-Mo T-Bill                     | 2.010%    | 3.889%    | 4.848%    | 2.753%    | 0.423%    | 0.078%    | 0.045%    | 0.026%    | 0.059%    | 0.028%    | 0.011%    | 0.122%    | 0.443%    | 1.280%    | 2.227%    | 2.146% | 2.045% | 1.968% | 1.716% |
| 3-Mo T-Bill                     | 2.245%    | 4.145%    | 4.994%    | 2.891%    | 0.528%    | 0.106%    | 0.053%    | 0.040%    | 0.083%    | 0.038%    | 0.015%    | 0.167%    | 0.544%    | 1.416%    | 2.286%    | 2.127% | 1.969% | 1.913% | 1.664% |
| 6-Mo T-Bill                     | 2.512%    | 4.383%    | 5.086%    | 3.060%    | 0.808%    | 0.194%    | 0.077%    | 0.083%    | 0.117%    | 0.065%    | 0.068%    | 0.321%    | 0.677%    | 1.573%    | 2.388%    | 2.071% | 1.911% | 1.877% | 1.652% |
| 1-Yr T-Bill                     | 2.734%    | 4.426%    | 5.006%    | 3.081%    | 1.052%    | 0.386%    | 0.127%    | 0.139%    | 0.151%    | 0.113%    | 0.166%    | 0.470%    | 0.810%    | 1.728%    | 2.468%    | 1.956% | 1.768% | 1.790% | 1.598% |
| <b>Other Comparable Rates +</b> |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |        |        |        |
| Fed Funds Eff                   | 2.198%    | 4.201%    | 5.249%    | 3.708%    | 0.702%    | 0.150%    | 0.079%    | 0.104%    | 0.142%    | 0.084%    | 0.107%    | 0.256%    | 0.623%    | 1.386%    | 2.237%    | 2.395% | 2.126% | 2.043% | 1.838% |
| S&P LGIP Index                  | 1.926%    | 3.966%    | 5.093%    | 3.963%    | 1.335%    | 0.219%    | 0.070%    | 0.079%    | 0.085%    | 0.050%    | 0.054%    | 0.212%    | 0.607%    | 1.319%    | 2.248%    | 2.310% | 2.180% | 2.110% | 1.990% |

\*As defined by K.S.A. 12-1675 and based on equivalent yields.

+ Federal Funds Effective Rate : The interest rate at which depository institutions lend balances among each other overnight at a Federal Reserve district bank. This interest rate is managed by the Federal Reserve and set daily by the market.

+ S&P LGIP Index : Standard and Poor's Corporation created a local government investment pool ( LGIP ) index in March 1995. Currently the index is comprised of 50 plus LGIP's rated AAAM or AAm ( Their highest ratings ). The rate shown is the monthly average of the 7- Day yield.