



# **FINANCIAL REPORT OF INVESTMENTS**

**July 31, 2022**

**PREPARED BY:**

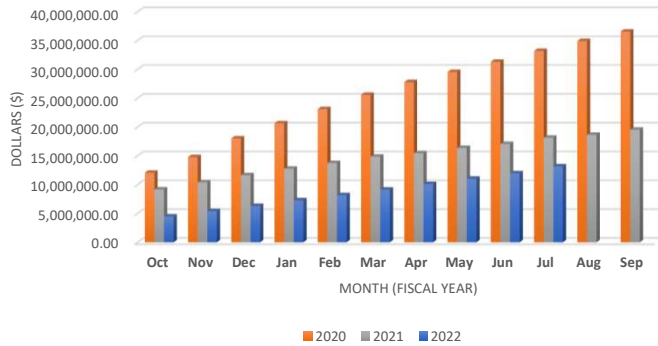
**ROBERT WITTENBERG, COUNTY TREASURER**

# Robert Wittenberg, Oakland County Treasurer

## Investment Report Summary

### Investment Portfolio

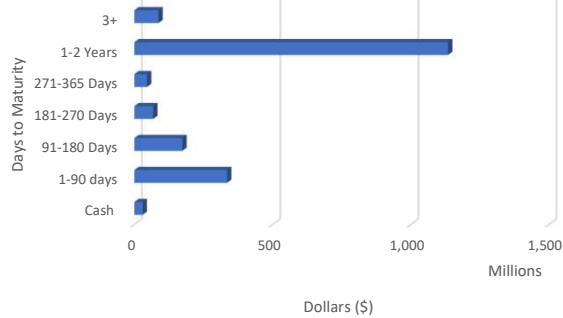
#### INTEREST EARNED



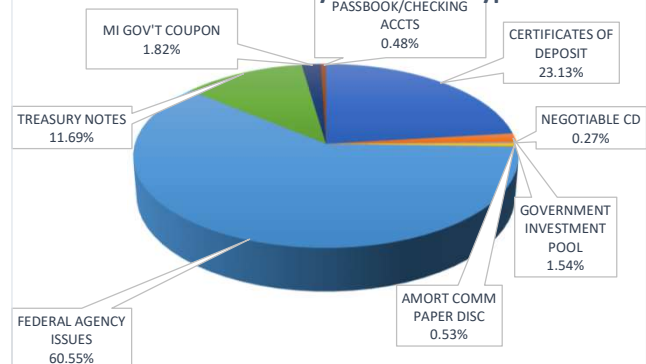
| Type                              | Current Original Cost   |
|-----------------------------------|-------------------------|
| Certificates of Deposit - Bank    | 432,665,684.59          |
| Federal Agency Issues - Coupon    | 1,132,761,006.89        |
| Governmental Investment Pool      | 28,727,919.06           |
| MI Gov't Coupon                   | 34,000,000.00           |
| Negotiable CDs                    | 4,995,000.00            |
| Passbook/Checking Accounts        | 9,034,204.13            |
| Treasury Notes                    | 218,674,312.50          |
| Amortizing Commercial Paper Disc. | 9,969,500.00            |
| <b>GRAND TOTALS:</b>              | <b>1,870,827,627.17</b> |

### Diversification

#### Diversification by Maturity Date

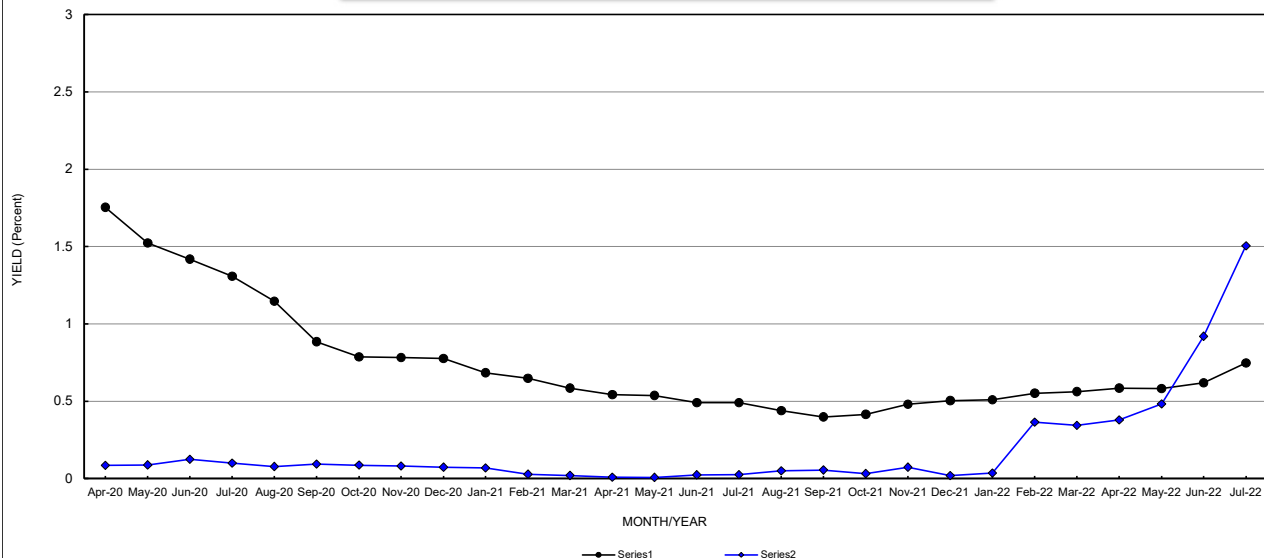


#### Diversification by Investment Type



### Yield

#### Robert Wittenberg, Oakland County Treasurer Investment Pool Yield Comparisons





**Oakland County Treasurer  
GASB 40 Credit & Interest Rate Risk  
Sorted by InvestmentType  
Through 07/01/2022**

| Security ID                           | Investment # | Issuer                         | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|---------------------------------------|--------------|--------------------------------|---------------|---------------|---------------|----------------|-------------|----------------|---------------|-------------------|--------------------|--------------------|
| <b>Certificates of Deposit - Bank</b> |              |                                |               |               |               |                |             |                |               |                   |                    |                    |
| 2272S0050                             | 127051       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.55           | 0.750         | 3                 | 07/05/2022         | 0.008 ↑            |
| 2272S0046-1                           | 127207       | Michigan First Credit Union    | 10,078,157.52 | 10,078,157.52 | 10,078,157.52 | 10,078,157.52  |             | 0.55           | 0.150         | 6                 | 07/08/2022         | 0.016 ↑            |
| 6946354/2                             | 127210       | CIBC                           | 14,597,649.27 | 14,597,649.27 | 14,597,649.27 | 14,597,649.27  |             | 0.80           | 0.200         | 9                 | 07/11/2022         | 0.024 ↑            |
| 826693-1                              | 127211       | Waterford Bank, N.A.           | 10,045,075.99 | 10,045,075.99 | 10,045,075.99 | 10,045,075.99  |             | 0.55           | 0.250         | 11                | 07/13/2022         | 0.030 ↑            |
| 2272S0043-1                           | 127212       | Michigan First Credit Union    | 10,241,101.52 | 10,241,101.52 | 10,241,101.52 | 10,241,101.52  |             | 0.56           | 0.150         | 12                | 07/14/2022         | 0.032 ↑            |
| 2272S0047-1                           | 127213       | Michigan First Credit Union    | 10,079,399.83 | 10,079,399.83 | 10,079,399.83 | 10,079,399.83  |             | 0.55           | 0.150         | 13                | 07/15/2022         | 0.035 ↑            |
| 2272S0049                             | 127052       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.55           | 0.750         | 17                | 07/19/2022         | 0.046 ↑            |
| 2272S0048-1                           | 127215       | Michigan First Credit Union    | 10,081,056.24 | 10,081,056.24 | 10,081,056.24 | 10,081,056.24  |             | 0.55           | 0.150         | 20                | 07/22/2022         | 0.054 ↑            |
| 6918935-1                             | 127216       | CIBC                           | 10,041,285.93 | 10,041,285.93 | 10,041,285.93 | 10,041,285.93  |             | 0.55           | 0.200         | 27                | 07/29/2022         | 0.073 ↑            |
| 191978                                | 127217       | Horizon Bank                   | 13,200,000.00 | 13,200,000.00 | 13,200,000.00 | 13,200,000.00  |             | 0.73           | 0.100         | 31                | 08/02/2022         | 0.084 ↑            |
| 293450-580                            | 127120       | Diversified Members Credit Uni | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.82           | 1.090         | 32                | 08/03/2022         | 0.087 ↑            |
| 2272S0041-1                           | 127218       | Michigan First Credit Union    | 10,488,413.33 | 10,488,413.33 | 10,488,413.33 | 10,488,413.33  |             | 0.58           | 0.150         | 38                | 08/09/2022         | 0.104 ↑            |
| 6893616-1                             | 127222       | CIBC                           | 10,517,517.00 | 10,517,517.00 | 10,517,517.00 | 10,517,517.00  |             | 0.58           | 0.200         | 41                | 08/12/2022         | 0.112 ↑            |
| 6938588-2                             | 127223       | CIBC                           | 10,042,848.48 | 10,042,848.48 | 10,042,848.48 | 10,042,848.48  |             | 0.55           | 0.200         | 41                | 08/12/2022         | 0.112 ↑            |
| 07368625036                           | 127122       | The Huntington National Bank   | 10,202,809.25 | 10,202,809.25 | 10,202,809.25 | 10,202,809.25  |             | 0.56           | 0.200         | 44                | 08/15/2022         | 0.120 ↑            |
| 6987764-1                             | 127224       | CIBC                           | 10,043,183.17 | 10,043,183.17 | 10,043,183.17 | 10,043,183.17  |             | 0.55           | 0.200         | 45                | 08/16/2022         | 0.123 ↑            |
| 012220653-1                           | 127228       | Superior National Bank         | 10,125,782.35 | 10,125,782.35 | 10,125,782.35 | 10,125,782.35  |             | 0.56           | 0.150         | 49                | 08/20/2022         | 0.134 ↑            |
| 6857250-1                             | 127229       | CIBC                           | 10,041,063.02 | 10,041,063.02 | 10,041,063.02 | 10,041,063.02  |             | 0.55           | 0.200         | 61                | 09/01/2022         | 0.167 ↑            |
| 12213112-6                            | 127230       | Superior National Bank         | 11,095,724.32 | 11,095,724.32 | 11,095,724.32 | 11,095,724.32  |             | 0.61           | 0.150         | 61                | 09/01/2022         | 0.167 ↑            |
| 196210                                | 127245       | Horizon Bank                   | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.82           | 0.100         | 72                | 09/12/2022         | 0.197 ↑            |
| 40000903-1                            | 127242       | Mi Bank                        | 3,073,038.35  | 3,073,038.35  | 3,073,038.35  | 3,073,038.35   |             | 0.17           | 0.250         | 74                | 09/14/2022         | 0.202 ↑            |
| 4300142348                            | 126866       | Mercantile Bank of Michigan    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.55           | 2.070         | 80                | 09/20/2022         | 0.219 ↑            |
| 50-400                                | 127079       | Diversified Members Credit Uni | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.55           | 0.900         | 88                | 09/28/2022         | 0.241 ↑            |
| 827048                                | 127081       | Waterford Bank, N.A.           | 5,000,000.00  | 5,000,000.00  | 5,000,000.00  | 5,000,000.00   |             | 0.28           | 0.400         | 89                | 09/29/2022         | 0.243 ↑            |
| 6966034-2                             | 127272       | CIBC                           | 10,210,889.27 | 10,210,889.27 | 10,210,889.27 | 10,210,889.27  |             | 0.56           | 0.200         | 90                | 09/30/2022         | 0.246 ↑            |
| 141251728                             | 127249       | Flagstar Bank                  | 16,000,000.00 | 16,000,000.00 | 16,000,000.00 | 16,000,000.00  |             | 0.88           | 0.200         | 90                | 09/30/2022         | 0.246 ↑            |
| 29202606301                           | 127254       | Independent Bank               | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.82           | 0.170         | 90                | 09/30/2022         | 0.246 ↑            |
| 2272S0057                             | 127076       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.55           | 0.550         | 90                | 09/30/2022         | 0.246 ↑            |
| 196226                                | 127258       | Horizon Bank                   | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.82           | 0.100         | 90                | 09/30/2022         | 0.246 ↑            |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                           | Investment # | Issuer                         | Par Value             | Book Value            | Market Value          | Reported Value        | Moody's S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|---------------------------------------|--------------|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|----------------|---------------|-------------------|--------------------|--------------------|
| <b>Certificates of Deposit - Bank</b> |              |                                |                       |                       |                       |                       |             |                |               |                   |                    |                    |
| 6923283-1                             | 127199       | CIBC                           | 10,077,231.81         | 10,077,231.81         | 10,077,231.81         | 10,077,231.81         |             | 0.55           | 0.200         | 93                | 10/03/2022         | 0.254 ↑            |
| 141251744                             | 127250       | Flagstar Bank                  | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.200         | 104               | 10/14/2022         | 0.284 ↑            |
| 29202606560                           | 127255       | Independent Bank               | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.82           | 0.170         | 104               | 10/14/2022         | 0.284 ↑            |
| 196227                                | 127259       | Horizon Bank                   | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.82           | 0.100         | 104               | 10/14/2022         | 0.284 ↑            |
| 2272S0056                             | 127077       | Michigan First Credit Union    | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.82           | 0.550         | 105               | 10/15/2022         | 0.287 ↑            |
| 141251786                             | 127251       | Flagstar Bank                  | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.200         | 118               | 10/28/2022         | 0.323 ↑            |
| 29202606579                           | 127256       | Independent Bank               | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.170         | 121               | 10/31/2022         | 0.331 ↑            |
| 141251819                             | 127252       | Flagstar Bank                  | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.200         | 132               | 11/11/2022         | 0.361 ↑            |
| 500023338                             | 127319       | Huron Valley State Bank        | 1,089,199.58          | 1,089,199.58          | 1,089,199.58          | 1,089,199.58          |             | 0.06           | 0.200         | 145               | 11/24/2022         | 0.397 ↑            |
| 196228                                | 127260       | Horizon Bank                   | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.100         | 146               | 11/25/2022         | 0.400 ↑            |
| 501026603-2                           | 127322       | Huron Valley State Bank        | 1,021,095.25          | 1,021,095.25          | 1,021,095.25          | 1,021,095.25          |             | 0.06           | 0.200         | 164               | 12/13/2022         | 0.449 ↑            |
| 12218038                              | 127110       | Superior National Bank         | 6,380,566.85          | 6,380,566.85          | 6,380,566.85          | 6,380,566.85          |             | 0.35           | 0.550         | 174               | 12/23/2022         | 0.476 ↑            |
| 196259                                | 127268       | Horizon Bank                   | 13,000,000.00         | 13,000,000.00         | 13,000,000.00         | 13,000,000.00         |             | 0.71           | 0.100         | 188               | 01/06/2023         | 0.515 ↑            |
| 6919491-2                             | 127328       | CIBC                           | 10,220,612.35         | 10,220,612.35         | 10,220,612.35         | 10,220,612.35         |             | 0.56           | 0.330         | 192               | 01/10/2023         | 0.526 ↑            |
| 196260                                | 127269       | Horizon Bank                   | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.100         | 202               | 01/20/2023         | 0.553 ↑            |
| 196211                                | 127246       | Horizon Bank                   | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.82           | 0.140         | 257               | 03/16/2023         | 0.704 ↑            |
| 293450-426                            | 127348       | Diversified Members Credit Uni | 10,254,187.00         | 10,254,187.00         | 10,254,187.00         | 10,254,187.00         |             | 0.56           | 0.850         | 280               | 04/08/2023         | 0.767 ↑            |
| 196263                                | 127271       | Horizon Bank                   | 7,000,000.00          | 7,000,000.00          | 7,000,000.00          | 7,000,000.00          |             | 0.39           | 0.200         | 295               | 04/23/2023         | 0.808 ↑            |
| 828103                                | 127293       | Waterford Bank, N.A.           | 1,095,669.76          | 1,095,669.76          | 1,095,669.76          | 1,095,669.76          |             | 0.06           | 0.150         | 296               | 04/24/2023         | 0.810 ↑            |
| 828111                                | 127295       | Waterford Bank, N.A.           | 2,159,167.44          | 2,159,167.44          | 2,159,167.44          | 2,159,167.44          |             | 0.12           | 0.150         | 300               | 04/28/2023         | 0.821 ↑            |
| 196261                                | 127270       | Horizon Bank                   | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.55           | 0.200         | 342               | 06/09/2023         | 0.936 ↑            |
| <b>Subtotal</b>                       |              |                                | <b>507,502,724.88</b> | <b>507,502,724.88</b> | <b>507,502,724.88</b> | <b>507,502,724.88</b> |             | <b>27.85</b>   | <b>0.310</b>  | <b>95</b>         |                    | <b>0.260</b>       |
| <b>Governmental Investment Pool</b>   |              |                                |                       |                       |                       |                       |             |                |               |                   |                    |                    |
| MI 01 0047 E001                       | 127350       | MI Class                       | 25,000,000.00         | 25,000,000.00         | 25,000,000.00         | 25,000,000.00         |             | 1.37           | 1.030         | 1                 |                    | 0.000              |
| MI 01 0047 0003                       | 111745       | MI Class                       | 949,898.01            | 949,898.01            | 949,898.01            | 949,898.01            |             | 0.05           | 1.370         | 1                 |                    | 0.000              |
| <b>Subtotal</b>                       |              |                                | <b>25,949,898.01</b>  | <b>25,949,898.01</b>  | <b>25,949,898.01</b>  | <b>25,949,898.01</b>  |             | <b>1.42</b>    | <b>1.042</b>  | <b>1</b>          |                    | <b>0.000</b>       |
| <b>Negotiable CDs</b>                 |              |                                |                       |                       |                       |                       |             |                |               |                   |                    |                    |
| 32110YVG7                             | 127339       | First Natl Bk of America       | 5,000,000.00          | 4,995,000.00          | 4,816,596.55          | 4,995,000.00          | P-1 A-1     | 0.27           | 46.420        | 19                | 07/21/2022 c       | 0.052              |
| <b>Subtotal</b>                       |              |                                | <b>5,000,000.00</b>   | <b>4,995,000.00</b>   | <b>4,816,596.55</b>   | <b>4,995,000.00</b>   |             | <b>0.27</b>    | <b>46.420</b> | <b>19</b>         |                    | <b>0.052</b>       |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                              | Investment # | Issuer                     | Par Value            | Book Value          | Market Value        | Reported Value      | Moody's | S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|------------------------------------------|--------------|----------------------------|----------------------|---------------------|---------------------|---------------------|---------|-----|----------------|---------------|-------------------|--------------------|--------------------|
| <b>Amortizing Commercial Paper Disc.</b> |              |                            |                      |                     |                     |                     |         |     |                |               |                   |                    |                    |
| 17327BJF3                                | 127334       | Citigroup Commercial Paper | 10,000,000.00        | 9,969,500.00        | 9,952,473.90        | 9,969,500.00        | P-1     | A-1 | 0.55           | 2.292         | 75                | 09/15/2022         | 0.204              |
| <b>Subtotal</b>                          |              |                            | <b>10,000,000.00</b> | <b>9,969,500.00</b> | <b>9,952,473.90</b> | <b>9,969,500.00</b> |         |     | <b>0.55</b>    | <b>2.292</b>  | <b>75</b>         |                    | <b>0.204</b>       |
| <b>Federal Agency Issues - Coupon</b>    |              |                            |                      |                     |                     |                     |         |     |                |               |                   |                    |                    |
| 3130ALTJ3                                | 127154       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,584,069.60        | 9,584,069.60        |         |     | 0.53           | 9.071         | 6                 | 07/08/2022         | c 0.000            |
| 3130ALTJ3                                | 127155       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,584,069.60        | 9,584,069.60        |         |     | 0.53           | 9.071         | 6                 | 07/08/2022         | c 0.000            |
| 3130AMMC3                                | 127196       | Federal Home Loan Bank     | 6,000,000.00         | 6,000,000.00        | 5,618,027.04        | 5,618,027.04        | Aaa     | AA  | 0.31           | 14.453        | 7                 | 07/09/2022         | c 0.000            |
| 3130ALJ70                                | 127134       | Federal Home Loan Bank     | 20,000,000.00        | 20,000,000.00       | 19,120,743.20       | 19,120,743.20       |         |     | 1.05           | 9.615         | 10                | 07/12/2022         | c 0.000            |
| 3130ALRH9                                | 127156       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,586,230.00        | 9,586,230.00        |         |     | 0.53           | 9.050         | 10                | 07/12/2022         | c 0.000            |
| 3130ALWM2                                | 127158       | Federal Home Loan Bank     | 5,000,000.00         | 5,000,000.00        | 4,739,502.00        | 4,739,502.00        | Aaa     | AA  | 0.26           | 11.626        | 13                | 07/15/2022         | c 0.000            |
| 3130APAH8                                | 127281       | Federal Home Loan Bank     | 15,000,000.00        | 15,000,000.00       | 14,199,106.35       | 14,199,106.35       | Aaa     | AA  | 0.78           | 11.862        | 13                | 07/15/2022         | c 0.000            |
| 3130ALWE0                                | 127157       | Federal Home Loan Bank     | 15,000,000.00        | 15,000,000.00       | 14,376,401.25       | 14,376,401.25       |         |     | 0.79           | 9.093         | 13                | 07/15/2022         | c 0.000            |
| 3130APBN4                                | 127292       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,484,741.40        | 9,484,741.40        | Aaa     | AA  | 0.52           | 11.524        | 19                | 07/21/2022         | c 0.000            |
| 3130APCW3                                | 127291       | Federal Home Loan Bank     | 5,000,000.00         | 5,000,000.00        | 4,761,561.85        | 4,761,561.85        | Aaa     | AA  | 0.26           | 10.540        | 19                | 07/21/2022         | c 0.000            |
| 3130APQ73                                | 127318       | Federal Home Loan Bank     | 5,000,000.00         | 5,000,000.00        | 4,780,546.75        | 4,780,546.75        | Aaa     | AA  | 0.26           | 10.227        | 20                | 07/22/2022         | c 0.000            |
| 3130ALXB5                                | 127165       | Federal Home Loan Bank     | 15,000,000.00        | 15,000,000.00       | 14,382,779.25       | 14,382,779.25       | Aaa     | AA  | 0.79           | 9.052         | 20                | 07/22/2022         | c 0.000            |
| 3134GXXM9                                | 127349       | Freddie Mac Coupon         | 10,000,000.00        | 10,000,000.00       | 9,740,800.60        | 9,740,800.60        |         |     | 0.54           | 7.580         | 23                | 07/25/2022         | c 0.000            |
| 3136G46A6                                | 127091       | Fannie Mae                 | 10,000,000.00        | 10,000,000.00       | 9,642,854.50        | 9,642,854.50        |         |     | 0.53           | 7.719         | 25                | 07/27/2022         | c 0.000            |
| 3130APJ22                                | 127296       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,456,259.20        | 9,456,259.20        | Aaa     | AA  | 0.52           | 12.198        | 26                | 07/28/2022         | c 0.000            |
| 3130APK79                                | 127298       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,500,937.20        | 9,500,937.20        | Aaa     | AA  | 0.52           | 11.242        | 26                | 07/28/2022         | c 0.000            |
| 3130APF59                                | 127297       | Federal Home Loan Bank     | 5,000,000.00         | 5,000,000.00        | 4,754,512.20        | 4,754,512.20        | Aaa     | AA  | 0.26           | 10.642        | 26                | 07/28/2022         | c 0.000            |
| 3130APF59                                | 127301       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,509,024.40        | 9,509,024.40        | Aaa     | AA  | 0.52           | 10.642        | 26                | 07/28/2022         | c 0.000            |
| 3130AM2N1                                | 127172       | Federal Home Loan Bank     | 5,000,000.00         | 5,000,000.00        | 4,745,630.00        | 4,745,630.00        | Aaa     | AA  | 0.26           | 11.247        | 27                | 07/29/2022         | c 0.000            |
| 3130AM3C4                                | 127168       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,627,454.80        | 9,627,454.80        |         |     | 0.53           | 8.103         | 27                | 07/29/2022         | c 0.073            |
| 3130ALXQ2                                | 127167       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,551,456.20        | 9,551,456.20        | Aaa     | AA  | 0.53           | 9.916         | 27                | 07/29/2022         | c 0.000            |
| 3130AM3D2                                | 127169       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,575,078.80        | 9,575,078.80        |         |     | 0.53           | 9.293         | 27                | 07/29/2022         | c 0.000            |
| 31422XPP1                                | 127302       | Farmer Mac Coupon          | 10,000,000.00        | 10,000,000.00       | 9,694,992.80        | 9,694,992.80        |         |     | 0.53           | 6.859         | 31                | 08/02/2022         | c 0.000            |
| 31422XPP1                                | 127304       | Farmer Mac Coupon          | 5,000,000.00         | 5,000,000.00        | 4,847,496.40        | 4,847,496.40        |         |     | 0.27           | 6.859         | 31                | 08/02/2022         | c 0.000            |
| 3130AM5C2                                | 127177       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,574,246.30        | 9,574,246.30        | Aaa     | AA  | 0.53           | 9.332         | 35                | 08/06/2022         | c 0.000            |
| 31422B2K5                                | 127097       | Farmer Mac Coupon          | 4,000,000.00         | 4,000,000.00        | 3,863,836.92        | 3,863,836.92        |         |     | 0.21           | 7.379         | 35                | 08/06/2022         | c 0.000            |
| 3130AM6N7                                | 127181       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,563,710.10        | 9,563,710.10        | Aaa     | AA  | 0.53           | 9.516         | 39                | 08/10/2022         | c 0.000            |
| 3130AMBZ4                                | 127183       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,562,037.70        | 9,562,037.70        | Aaa     | AA  | 0.53           | 9.568         | 46                | 08/17/2022         | c 0.000            |
| 3130APNB7                                | 127316       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,528,663.00        | 9,528,663.00        | Aaa     | AA  | 0.52           | 10.838        | 47                | 08/18/2022         | c 0.000            |
| 3130APMP7                                | 127315       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,534,862.30        | 9,534,862.30        | Aaa     | AA  | 0.52           | 10.617        | 47                | 08/18/2022         | c 0.000            |

Portfolio OAK  
CP

Run Date: 09/26/2022 - 11:52

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                    | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P |     | % of Current Portfolio | Yield  | Days to Mat./Call | Maturity/ Call Date | Effective Duration |
|--------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|-------------|-----|------------------------|--------|-------------------|---------------------|--------------------|
| Federal Agency Issues - Coupon |              |                          |               |               |               |                |             |     |                        |        |                   |                     |                    |
| 3135G05U3                      | 127282       | Fannie Mae               | 7,750,000.00  | 7,746,590.00  | 7,513,051.97  | 7,513,051.97   |             |     | 0.41                   | 6.669  | 47                | 08/18/2022          | c 0.128            |
| 3135G05T6                      | 127198       | Fannie Mae               | 9,435,000.00  | 9,462,927.60  | 9,167,588.42  | 9,167,588.42   |             |     | 0.50                   | 6.194  | 47                | 08/18/2022          | c 0.128            |
| 3133EM2X9                      | 127227       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,751,838.90  | 4,751,838.90   | Aaa         | AA  | 0.26                   | 10.929 | 48                | 08/19/2022          | c 0.131            |
| 3130AMCL4                      | 127184       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,619,064.35  | 4,619,064.35   | Aaa         | AA  | 0.25                   | 17.598 | 48                | 08/19/2022          | c 0.000            |
| 3130AMDT6                      | 127185       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,758,510.70  | 4,758,510.70   | Aaa         | AA  | 0.26                   | 10.649 | 48                | 08/19/2022          | c 0.000            |
| 3130AMBW1                      | 127186       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,565,133.20  | 9,565,133.20   | Aaa         | AA  | 0.53                   | 9.532  | 49                | 08/20/2022          | c 0.000            |
| 3130AMDM1                      | 127187       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,552,969.10  | 9,552,969.10   | Aaa         | AA  | 0.53                   | 9.809  | 53                | 08/24/2022          | c 0.000            |
| 3134GXCA0                      | 127102       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,811,971.50  | 4,811,971.50   |             |     | 0.26                   | 8.148  | 53                | 08/24/2022          | c 0.000            |
| 3130AMCN0                      | 127189       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,516,702.50  | 9,516,702.50   | Aaa         | AA  | 0.52                   | 10.682 | 55                | 08/26/2022          | c 0.000            |
| 3130AL3F9                      | 127127       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,233,297.10  | 9,233,297.10   | Aaa         | AA  | 0.51                   | 17.095 | 63                | 09/03/2022          | c 0.172            |
| 3130AMQR6                      | 127193       | Federal Home Loan Bank   | 7,555,000.00  | 7,555,000.00  | 7,207,620.27  | 7,207,620.27   | Aaa         | AA  | 0.40                   | 10.006 | 67                | 09/07/2022          | c 0.000            |
| 3133EM4K5                      | 127238       | Federal Farm Credit Bank | 7,725,000.00  | 7,725,000.00  | 7,301,769.65  | 7,301,769.65   | Aaa         | AA  | 0.40                   | 12.058 | 69                | 09/09/2022          | c 0.189            |
| 3130ANVA5                      | 127239       | Federal Home Loan Bank   | 5,925,000.00  | 5,925,000.00  | 5,607,056.21  | 5,607,056.21   | Aaa         | AA  | 0.31                   | 11.869 | 70                | 09/10/2022          | c 0.191            |
| 3130AMJ52                      | 127197       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,773,146.05  | 4,773,146.05   | Aaa         | AA  | 0.26                   | 9.924  | 70                | 09/10/2022          | c 0.000            |
| 3130ALKS2                      | 127136       | Federal Home Loan Bank   | 10,000,000.00 | 9,990,000.00  | 9,550,303.40  | 9,550,303.40   |             |     | 0.53                   | 9.810  | 75                | 09/15/2022          | c 0.205            |
| 3130AMND0                      | 127200       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,775,335.90  | 4,775,335.90   | Aaa         | AA  | 0.26                   | 9.860  | 77                | 09/17/2022          | c 0.000            |
| 3133EMAM4                      | 127277       | Federal Farm Credit Bank | 5,000,000.00  | 4,995,050.00  | 4,830,361.50  | 4,830,361.50   |             |     | 0.27                   | 7.283  | 81                | 09/21/2022          | c 0.221            |
| 3130ALLM4                      | 127144       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,796,212.30  | 4,796,212.30   |             |     | 0.26                   | 8.863  | 88                | 09/28/2022          | c 0.241            |
| 3130ALU77                      | 127147       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,588,128.70  | 9,588,128.70   |             |     | 0.53                   | 8.956  | 88                | 09/28/2022          | c 0.241            |
| 3133EM6P2                      | 127267       | Federal Farm Credit Bank | 10,000,000.00 | 9,993,000.00  | 9,267,938.50  | 9,267,938.50   | Aaa         | AA  | 0.51                   | 16.553 | 89                | 09/29/2022          | c 0.243            |
| 3130ALPQ1                      | 127149       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,700,520.50  | 4,700,520.50   | Aaa         | AA  | 0.26                   | 13.540 | 90                | 09/30/2022          | c 0.246            |
| 3130ALTT1                      | 127146       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,317,718.50  | 9,317,718.50   | Aaa         | AA  | 0.51                   | 15.729 | 90                | 09/30/2022          | c 0.246            |
| 31422XMV1                      | 127273       | Farmer Mac Coupon        | 15,000,000.00 | 15,000,000.00 | 14,118,014.70 | 14,118,014.70  | Aaa         | AA  | 0.78                   | 13.026 | 94                | 10/04/2022          | c 0.257            |
| 3133ENAU4                      | 127278       | Federal Farm Credit Bank | 10,000,000.00 | 9,994,000.00  | 9,671,045.30  | 9,671,045.30   |             |     | 0.53                   | 7.082  | 102               | 10/12/2022          | c 0.279            |
| 3133ENBM1                      | 127290       | Federal Farm Credit Bank | 15,000,000.00 | 14,985,937.50 | 14,219,004.60 | 14,219,004.60  | Aaa         | AA  | 0.78                   | 11.650 | 111               | 10/21/2022          | c 0.304            |
| 3133ENBM1                      | 127289       | Federal Farm Credit Bank | 10,000,000.00 | 9,972,500.00  | 9,479,336.40  | 9,479,336.40   | Aaa         | AA  | 0.52                   | 11.650 | 111               | 10/21/2022          | c 0.304            |
| 3130APJT3                      | 127300       | Federal Home Loan Bank   | 7,000,000.00  | 7,000,000.00  | 6,639,111.22  | 6,639,111.22   | Aaa         | AA  | 0.37                   | 11.135 | 118               | 10/28/2022          | c 0.323            |
| 3135GA2A8                      | 127241       | Fannie Mae               | 3,200,000.00  | 3,185,600.00  | 2,948,950.69  | 2,948,950.69   | Aaa         | AA  | 0.16                   | 17.656 | 118               | 10/28/2022          | c 0.323            |
| 31422XGD8                      | 127180       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,529,321.40  | 9,529,321.40   | Aaa         | AAA | 0.52                   | 10.267 | 128               | 11/07/2022          | c 0.350            |
| 3130APLV5                      | 127309       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,767,906.05  | 4,767,906.05   | Aaa         | AA  | 0.26                   | 10.129 | 129               | 11/08/2022          | c 0.353            |
| 3130APLF0                      | 127308       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,512,570.40  | 9,512,570.40   | Aaa         | AA  | 0.52                   | 11.079 | 129               | 11/08/2022          | c 0.353            |
| 3133ENDU1                      | 127314       | Federal Farm Credit Bank | 5,000,000.00  | 4,997,500.00  | 4,750,529.50  | 4,750,529.50   | Aaa         | AA  | 0.26                   | 11.282 | 136               | 11/15/2022          | c 0.372            |
| 313381BR5                      | 126943       | Federal Home Loan Bank   | 5,000,000.00  | 5,031,504.85  | 4,990,737.65  | 4,990,737.65   |             |     | 0.27                   | 2.250  | 160               | 12/09/2022          | 0.438              |
| 3130ASEV7                      | 127357       | Federal Home Loan Bank   | 20,000,000.00 | 20,000,000.00 | 19,984,484.60 | 20,000,000.00  | Aaa         | AAA | 1.10                   | 2.007  | 180               | 12/29/2022          | 0.493              |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                           | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's | S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|---------|-----|----------------|---------------|-------------------|--------------------|--------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |         |     |                |               |                   |                    |                    |
| 3133ENKR0                             | 127329       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,877,330.70  | 9,877,330.70   | Aaa     | AAA | 0.54           | 2.790         | 193               | 01/11/2023         | 0.516              |
| 3133ENKQ2                             | 127330       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,789,880.20  | 4,789,880.20   | Aaa     | AA  | 0.26           | 9.375         | 195               | 01/13/2023         | c 0.503            |
| 3133ENLB4                             | 127335       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,888,935.60  | 9,888,935.60   |         |     | 0.54           | 2.527         | 200               | 01/18/2023         | 0.536              |
| 31422XUA8                             | 127344       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,874,510.10  | 4,874,510.10   |         |     | 0.27           | 5.402         | 235               | 02/22/2023         | c 0.618            |
| 31422XUT7                             | 127347       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,742,930.40  | 9,742,930.40   |         |     | 0.54           | 5.914         | 248               | 03/07/2023         | c 0.656            |
| 3137EAEQ8                             | 127341       | Freddie Mac Coupon       | 5,000,000.00  | 4,948,989.27  | 4,900,635.40  | 4,900,635.40   |         |     | 0.27           | 2.907         | 292               | 04/20/2023         | 0.788              |
| 3137EAEQ8                             | 127340       | Freddie Mac Coupon       | 5,420,000.00  | 5,364,704.37  | 5,312,288.77  | 5,312,288.77   |         |     | 0.29           | 2.907         | 292               | 04/20/2023         | 0.788              |
| 31422XQE5                             | 127317       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,890,668.95  | 4,890,668.95   |         |     | 0.27           | 2.920         | 324               | 05/22/2023         | 0.874              |
| 3130ASFU8                             | 127354       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 10,004,832.60 | 10,000,000.00  | Aaa     | AAA | 0.55           | 2.675         | 391               | 07/28/2023         | 1.049              |
| 31422XUX8                             | 127345       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,838,374.10  | 9,838,374.10   |         |     | 0.54           | 2.923         | 391               | 07/28/2023         | 1.047              |
| 3133EEG79                             | 127342       | Federal Farm Credit Bank | 4,000,000.00  | 4,046,000.00  | 3,964,379.20  | 3,964,379.20   |         |     | 0.22           | 2.924         | 432               | 09/07/2023         | 1.147              |
| 3137EAEW5                             | 127306       | Freddie Mac Coupon       | 3,913,000.00  | 3,904,587.05  | 3,791,558.32  | 3,791,558.32   |         |     | 0.21           | 2.938         | 433               | 09/08/2023         | 1.164              |
| 3130ASFT1                             | 127355       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 10,006,020.20 | 10,000,000.00  | Aaa     | AAA | 0.55           | 2.852         | 453               | 09/28/2023         | 1.207              |
| 3137EAEY1                             | 127311       | Freddie Mac Coupon       | 5,000,000.00  | 4,965,900.00  | 4,822,852.75  | 4,822,852.75   |         |     | 0.27           | 2.947         | 471               | 10/16/2023         | 1.268              |
| 3133ENBN9                             | 127288       | Federal Farm Credit Bank | 15,000,000.00 | 14,988,000.00 | 14,544,535.95 | 14,544,535.95  |         |     | 0.80           | 2.734         | 475               | 10/20/2023         | 1.280              |
| 3133EMFB3                             | 127096       | Federal Farm Credit Bank | 5,000,000.00  | 4,997,500.00  | 4,817,660.35  | 4,817,660.35   |         |     | 0.27           | 3.103         | 488               | 11/02/2023         | 1.311              |
| 3134GW6E1                             | 127095       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 9,658,094.30  | 9,658,094.30   | Aaa     | AA  | 0.53           | 2.954         | 488               | 11/02/2023         | 1.311              |
| 3133ENDR8                             | 127312       | Federal Farm Credit Bank | 5,000,000.00  | 4,991,000.00  | 4,835,579.80  | 4,835,579.80   |         |     | 0.27           | 2.897         | 495               | 11/09/2023         | 1.330              |
| 3134GXAY0                             | 127098       | Freddie Mac Coupon       | 5,000,000.00  | 5,000,000.00  | 4,816,432.20  | 4,816,432.20   | Aaa     | AA  | 0.27           | 3.069         | 499               | 11/13/2023         | 1.340              |
| 31422B3E8                             | 127236       | Farmer Mac Coupon        | 4,000,000.00  | 4,000,000.00  | 3,859,425.12  | 3,859,425.12   |         |     | 0.21           | 2.921         | 506               | 11/20/2023         | 1.360              |
| 31422B3E8                             | 127101       | Farmer Mac Coupon        | 2,350,000.00  | 2,348,825.00  | 2,267,412.26  | 2,267,412.26   |         |     | 0.13           | 2.921         | 506               | 11/20/2023         | 1.360              |
| 31422XQD7                             | 127320       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,837,142.00  | 4,837,142.00   | Aaa     | AAA | 0.27           | 2.959         | 515               | 11/29/2023         | 1.383              |
| 3137EAF2                              | 127305       | Freddie Mac Coupon       | 4,025,000.00  | 4,009,906.25  | 3,872,814.83  | 3,872,814.83   |         |     | 0.21           | 2.985         | 520               | 12/04/2023         | 1.399              |
| 3130ASFS3                             | 127356       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 10,007,419.90 | 10,000,000.00  | Aaa     | AAA | 0.55           | 2.999         | 544               | 12/28/2023         | 1.444              |
| 31422XJA1                             | 127206       | Farmer Mac Coupon        | 6,000,000.00  | 6,000,000.00  | 5,769,475.32  | 5,769,475.32   | Aaa     | AAA | 0.32           | 4.472         | 549               | 01/02/2024         | 1.464              |
| 3133ENNE6                             | 127343       | Federal Farm Credit Bank | 5,000,000.00  | 4,965,000.00  | 4,862,971.00  | 4,862,971.00   |         |     | 0.27           | 2.994         | 587               | 02/09/2024         | 1.561              |
| 3133EMSD5                             | 127126       | Federal Farm Credit Bank | 10,000,000.00 | 9,990,000.00  | 9,542,403.50  | 9,542,403.50   |         |     | 0.52           | 3.093         | 608               | 03/01/2024         | 1.635              |
| 31422XCD2                             | 127131       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,609,272.10  | 9,609,272.10   |         |     | 0.53           | 2.792         | 615               | 03/08/2024         | 1.654              |
| 3133EMTD4                             | 127135       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,777,501.90  | 4,777,501.90   |         |     | 0.26           | 3.073         | 622               | 03/15/2024         | 1.671              |
| 3134GXYZ1                             | 127358       | Freddie Mac Coupon       | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  | Aaa     | AA  | 0.55           | 3.002         | 635               | 03/28/2024         | 1.681              |
| 31422XNR9                             | 127274       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,783,406.25  | 4,783,406.25   |         |     | 0.26           | 2.992         | 642               | 04/04/2024         | 1.722              |
| 3133EMXB3                             | 127166       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,524,456.00  | 9,524,456.00   | Aaa     | AA  | 0.52           | 3.068         | 660               | 04/22/2024         | 1.773              |
| 3130AM5Q1                             | 127170       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,540,532.60  | 9,540,532.60   | Aaa     | AA  | 0.52           | 3.048         | 667               | 04/29/2024         | 1.791              |
| 3133ENCV0                             | 127303       | Federal Farm Credit Bank | 10,000,000.00 | 9,995,000.00  | 9,615,556.20  | 9,615,556.20   | Aaa     | AA  | 0.53           | 2.837         | 670               | 05/02/2024         | 1.798              |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                           | Investment # | Issuer                   | Par Value               | Book Value              | Market Value            | Reported Value          | Moody's | S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|---------------------------------------|--------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|-----|----------------|---------------|-------------------|--------------------|--------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |                         |                         |                         |                         |         |     |                |               |                   |                    |                    |
| 31422XEG3                             | 127175       | Farmer Mac Coupon        | 6,000,000.00            | 6,000,000.00            | 5,727,675.42            | 5,727,675.42            | Aaa     | AA  | 0.32           | 2.958         | 671               | 05/03/2024         | 1.802              |
| 3133EMYR7                             | 127178       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,534,630.90            | 9,534,630.90            | Aaa     | AA  | 0.52           | 2.987         | 674               | 05/06/2024         | 1.811              |
| 31422XPQ9                             | 127307       | Farmer Mac Coupon        | 10,000,000.00           | 10,000,000.00           | 9,599,208.60            | 9,599,208.60            | Aaa     | AA  | 0.53           | 2.963         | 676               | 05/08/2024         | 1.811              |
| 31422XGP1                             | 127188       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,760,278.35            | 4,760,278.35            | Aaa     | AA  | 0.26           | 2.964         | 694               | 05/26/2024         | 1.866              |
| 31422XQC9                             | 127321       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,798,495.80            | 4,798,495.80            | Aaa     | AA  | 0.26           | 2.968         | 697               | 05/29/2024         | 1.868              |
| 31422XHZ8                             | 127202       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,772,821.35            | 4,772,821.35            | Aaa     | AA  | 0.26           | 2.815         | 727               | 06/28/2024         | 1.954              |
| 31422XJB9                             | 127201       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,762,694.25            | 4,762,694.25            | Aaa     | AA  | 0.26           | 2.975         | 727               | 06/28/2024         | 1.952              |
| 3133ELQ56                             | 127310       | Federal Farm Credit Bank | 10,000,000.00           | 9,984,000.00            | 9,505,341.20            | 9,505,341.20            | Aaa     | AA  | 0.52           | 4.205         | 731               | 07/02/2024         | 1.950              |
| 3133EMT51                             | 127214       | Federal Farm Credit Bank | 10,000,000.00           | 9,990,000.00            | 9,477,477.50            | 9,477,477.50            | Aaa     | AA  | 0.52           | 3.073         | 748               | 07/19/2024         | 2.005              |
| 3133EMT51                             | 127237       | Federal Farm Credit Bank | 5,000,000.00            | 5,000,000.00            | 4,738,738.75            | 4,738,738.75            | Aaa     | AA  | 0.26           | 3.073         | 748               | 07/19/2024         | 2.005              |
| 3133EMV25                             | 127220       | Federal Farm Credit Bank | 5,000,000.00            | 5,011,000.00            | 4,745,160.20            | 4,745,160.20            | Aaa     | AA  | 0.26           | 3.023         | 752               | 07/23/2024         | 2.016              |
| 3133EM2U5                             | 127234       | Federal Farm Credit Bank | 5,794,000.00            | 5,794,000.00            | 5,500,659.40            | 5,500,659.40            | Aaa     | AA  | 0.30           | 2.929         | 779               | 08/19/2024         | 2.087              |
| 3133EM2U5                             | 127226       | Federal Farm Credit Bank | 25,000,000.00           | 24,987,500.00           | 23,734,291.50           | 23,734,291.50           | Aaa     | AA  | 1.30           | 2.929         | 779               | 08/19/2024         | 2.087              |
| 3133EL5S9                             | 127233       | Federal Farm Credit Bank | 15,000,000.00           | 15,000,000.00           | 14,127,897.30           | 14,127,897.30           | Aaa     | AA  | 0.78           | 3.278         | 794               | 09/03/2024         | 2.121              |
| 3133ENQC7                             | 127346       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,748,920.40            | 9,748,920.40            |         |     | 0.54           | 3.147         | 794               | 09/03/2024         | 2.088              |
| 31422XMH2                             | 127231       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,729,059.20            | 4,729,059.20            | Aaa     | AA  | 0.26           | 2.999         | 794               | 09/03/2024         | 2.127              |
| 31422XMH2                             | 127232       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,729,059.20            | 4,729,059.20            | Aaa     | AA  | 0.26           | 2.999         | 794               | 09/03/2024         | 2.127              |
| 3130ANU65                             | 127240       | Federal Home Loan Bank   | 10,000,000.00           | 10,000,000.00           | 9,473,131.50            | 9,473,131.50            | Aaa     | AA  | 0.52           | 2.975         | 804               | 09/13/2024         | 2.152              |
| 880591ER9                             | 127221       | Tenn Valley Authority    | 2,598,000.00            | 2,794,798.50            | 2,586,332.88            | 2,586,332.88            | Aaa     | AA  | 0.14           | 3.089         | 806               | 09/15/2024         | 2.100              |
| 3133EM5X6                             | 127257       | Federal Farm Credit Bank | 6,000,000.00            | 6,000,000.00            | 5,676,522.36            | 5,676,522.36            | Aaa     | AA  | 0.31           | 2.951         | 814               | 09/23/2024         | 2.181              |
| 31422XMJ8                             | 127261       | Farmer Mac Coupon        | 15,000,000.00           | 15,000,000.00           | 14,177,128.05           | 14,177,128.05           | Aaa     | AA  | 0.78           | 3.067         | 815               | 09/24/2024         | 2.181              |
| 31422XMU3                             | 127264       | Farmer Mac Coupon        | 10,000,000.00           | 10,000,000.00           | 9,452,956.00            | 9,452,956.00            | Aaa     | AA  | 0.52           | 3.008         | 818               | 09/27/2024         | 2.191              |
| 31422XNQ1                             | 127275       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,734,787.40            | 4,734,787.40            | Aaa     | AA  | 0.26           | 3.010         | 825               | 10/04/2024         | 2.208              |
| 31422XNT5                             | 127283       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,723,367.60            | 4,723,367.60            | Aaa     | AA  | 0.26           | 3.014         | 839               | 10/18/2024         | 2.247              |
| 31422XPC0                             | 127299       | Farmer Mac Coupon        | 6,000,000.00            | 6,000,000.00            | 5,698,476.12            | 5,698,476.12            | Aaa     | AA  | 0.31           | 3.017         | 849               | 10/28/2024         | 2.268              |
| 31422XSU7                             | 127333       | Farmer Mac Coupon        | 5,000,000.00            | 5,000,000.00            | 4,776,820.40            | 4,776,820.40            | Aaa     | AA  | 0.26           | 3.044         | 927               | 01/14/2025         | 2.450              |
| 3133EMSC7                             | 127235       | Federal Farm Credit Bank | 14,750,000.00           | 14,713,125.00           | 13,751,541.82           | 13,751,541.82           | Aaa     | AA  | 0.76           | 3.144         | 975               | 03/03/2025         | 2.609              |
| 3133EM5V0                             | 127253       | Federal Farm Credit Bank | 5,000,000.00            | 4,996,250.00            | 4,663,797.60            | 4,663,797.60            | Aaa     | AA  | 0.26           | 3.160         | 993               | 03/21/2025         | 2.655              |
| 3133EMUP5                             | 127151       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,356,920.40            | 9,356,920.40            | Aaa     | AA  | 0.51           | 3.173         | 1,004             | 04/01/2025         | 2.677              |
| 3133EMUP5                             | 127150       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,356,920.40            | 9,356,920.40            | Aaa     | AA  | 0.51           | 3.173         | 1,004             | 04/01/2025         | 2.677              |
| 3133EMWH1                             | 127163       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,335,512.30            | 9,335,512.30            | Aaa     | AA  | 0.51           | 3.208         | 1,024             | 04/21/2025         | 2.731              |
| 3133EMXS6                             | 127171       | Federal Farm Credit Bank | 5,000,000.00            | 4,997,750.00            | 4,686,727.00            | 4,686,727.00            | Aaa     | AA  | 0.26           | 3.054         | 1,031             | 04/28/2025         | 2.752              |
| 3133EMUQ3                             | 127148       | Federal Farm Credit Bank | 10,000,000.00           | 10,000,000.00           | 9,221,735.00            | 9,221,735.00            | Aaa     | AA  | 0.51           | 3.076         | 1,732             | 03/30/2027         | 4.523              |
| <b>Subtotal</b>                       |              |                          | <b>1,079,440,000.00</b> | <b>1,079,343,445.39</b> | <b>1,033,221,258.46</b> | <b>1,033,218,501.16</b> |         |     | <b>56.79</b>   | <b>6.731</b>  | <b>349</b>        |                    | <b>0.911</b>       |

Portfolio OAK  
CP

Run Date: 09/26/2022 - 11:52

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                | Investment # | Issuer                      | Par Value      | Book Value     | Market Value   | Reported Value | Moody's | S&P | % of Portfolio | Current Yield | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|----------------------------|--------------|-----------------------------|----------------|----------------|----------------|----------------|---------|-----|----------------|---------------|-------------------|--------------------|--------------------|
| Treasury Notes             |              |                             |                |                |                |                |         |     |                |               |                   |                    |                    |
| 9128282W9                  | 127332       | US Treasury Note            | 10,000,000.00  | 10,111,800.00  | 10,001,497.20  | 10,001,497.20  |         |     | 0.55           | 1.845         | 90                | 09/30/2022         | 0.246              |
| 912828YK0                  | 127331       | US Treasury Note            | 5,000,000.00   | 5,038,850.00   | 4,989,866.35   | 4,989,866.35   |         |     | 0.27           | 1.784         | 105               | 10/15/2022         | 0.287              |
| 912828TY6                  | 127353       | US Treasury Note            | 15,000,000.00  | 15,005,400.00  | 14,961,328.20  | 15,005,400.00  | Aaa     | AAA | 0.82           | 2.146         | 136               | 11/15/2022         | 0.372              |
| 912828YW4                  | 127352       | US Treasury Note            | 15,000,000.00  | 14,994,150.00  | 14,946,679.65  | 14,946,679.65  | Aaa     | AAA | 0.82           | 2.344         | 166               | 12/15/2022         | 0.454              |
| 91282CCU3                  | 127327       | US Treasury Note            | 10,000,000.00  | 9,902,700.00   | 9,674,609.40   | 9,674,609.40   |         |     | 0.53           | 2.984         | 425               | 08/31/2023         | 1.145              |
| 9128285D8                  | 127285       | US Treasury Note            | 10,000,000.00  | 10,489,000.00  | 9,990,234.40   | 9,990,234.40   |         |     | 0.55           | 2.957         | 455               | 09/30/2023         | 1.206              |
| 91282CAP6                  | 127286       | US Treasury Note            | 15,000,000.00  | 14,930,250.00  | 14,460,937.50  | 14,460,937.50  |         |     | 0.79           | 2.994         | 470               | 10/15/2023         | 1.266              |
| 91282CBE0                  | 127276       | US Treasury Note            | 5,500,000.00   | 5,472,225.00   | 5,264,746.08   | 5,264,746.08   |         |     | 0.29           | 2.995         | 562               | 01/15/2024         | 1.510              |
| 91282CBE0                  | 127325       | US Treasury Note            | 5,000,000.00   | 4,929,000.00   | 4,786,132.80   | 4,786,132.80   |         |     | 0.26           | 2.995         | 562               | 01/15/2024         | 1.510              |
| 912828V80                  | 127326       | US Treasury Note            | 5,000,000.00   | 5,143,500.00   | 4,943,164.05   | 4,943,164.05   |         |     | 0.27           | 2.991         | 578               | 01/31/2024         | 1.523              |
| 91282CCG4                  | 127280       | US Treasury Note            | 5,000,000.00   | 4,964,000.00   | 4,741,406.25   | 4,741,406.25   |         |     | 0.26           | 2.997         | 714               | 06/15/2024         | 1.920              |
| 91282CCL3                  | 127266       | US Treasury Note            | 10,000,000.00  | 9,976,000.00   | 9,485,156.20   | 9,485,156.20   |         |     | 0.52           | 3.001         | 744               | 07/15/2024         | 1.996              |
| 91282CCT6                  | 127263       | US Treasury Note            | 5,500,000.00   | 5,489,550.00   | 5,202,871.08   | 5,202,871.08   |         |     | 0.29           | 3.026         | 775               | 08/15/2024         | 2.080              |
| 912828YE4                  | 127219       | US Treasury Note            | 5,500,000.00   | 5,643,687.50   | 5,298,691.42   | 5,298,691.42   |         |     | 0.29           | 3.008         | 791               | 08/31/2024         | 2.099              |
| 91282CCX7                  | 127243       | US Treasury Note            | 15,000,000.00  | 14,971,800.00  | 14,157,421.80  | 14,157,421.80  | Aaa     | AAA | 0.78           | 3.031         | 806               | 09/15/2024         | 2.161              |
| 91282CCX7                  | 127262       | US Treasury Note            | 10,000,000.00  | 9,974,000.00   | 9,438,281.20   | 9,438,281.20   | Aaa     | AAA | 0.52           | 3.031         | 806               | 09/15/2024         | 2.161              |
| 912828YH7                  | 127265       | US Treasury Note            | 10,000,000.00  | 10,297,500.00  | 9,673,437.50   | 9,673,437.50   |         |     | 0.53           | 3.013         | 821               | 09/30/2024         | 2.175              |
| 9128282Y5                  | 127248       | US Treasury Note            | 5,500,000.00   | 5,779,950.00   | 5,397,519.55   | 5,397,519.55   |         |     | 0.30           | 2.988         | 821               | 09/30/2024         | 2.161              |
| 91282CDB4                  | 127294       | US Treasury Note            | 20,000,000.00  | 19,926,600.00  | 18,949,218.80  | 18,949,218.80  |         |     | 1.04           | 3.021         | 836               | 10/15/2024         | 2.236              |
| 91282CDB4                  | 127287       | US Treasury Note            | 15,000,000.00  | 14,997,750.00  | 14,211,914.10  | 14,211,914.10  |         |     | 0.78           | 3.021         | 836               | 10/15/2024         | 2.236              |
| 912828YM6                  | 127279       | US Treasury Note            | 5,500,000.00   | 5,649,050.00   | 5,313,730.46   | 5,313,730.46   |         |     | 0.29           | 3.015         | 852               | 10/31/2024         | 2.257              |
| 912828G38                  | 127313       | US Treasury Note            | 5,000,000.00   | 5,217,350.00   | 4,915,234.40   | 4,915,234.40   |         |     | 0.27           | 2.997         | 867               | 11/15/2024         | 2.279              |
| Subtotal                   |              |                             | 207,500,000.00 | 208,904,112.50 | 200,804,078.39 | 200,848,150.19 |         |     | 11.02          | 2.804         | 579               |                    | 1.550              |
| MI Gov't Coupon            |              |                             |                |                |                |                |         |     |                |               |                   |                    |                    |
| 672411M69                  | 125911       | Oakland County Refunding    | 34,000,000.00  | 34,000,000.00  | 35,313,141.20  | 34,000,000.00  | Aaa     | AAA | 1.87           | 3.628         | 1,734             | 04/01/2027         | 4.213              |
| Subtotal                   |              |                             | 34,000,000.00  | 34,000,000.00  | 35,313,141.20  | 34,000,000.00  |         |     | 1.87           | 3.628         | 1,734             |                    | 4.213              |
| Passbook/Checking Accounts |              |                             |                |                |                |                |         |     |                |               |                   |                    |                    |
| 3310301                    | 127070       | CIBC                        | 629,841.74     | 629,841.74     | 629,841.74     | 629,841.74     |         |     | 0.04           | 1.300         | 1                 |                    | 0.000              |
| 4252473726                 | 123865       | PNC Bank                    | 1,006,475.08   | 1,006,475.08   | 1,006,475.08   | 1,006,475.08   |         |     | 0.06           | 0.000         | 1                 |                    | 0.000              |
| 4255065437                 | 111750       | PNC Bank                    | -1,615.99      | -1,615.99      | -1,615.99      | -1,615.99      |         |     | 0.00           | 0.000         | 1                 |                    | 0.000 †            |
| 1000228542                 | 127247       | Level One Bank              | 0.00           | 0.00           | 0.00           | 0.00           |         |     | 0.00           | 0.050         | 1                 |                    | 0.000 †            |
| 101093342                  | 125366       | Flagstar Pool               | 106,217.99     | 106,217.99     | 106,217.99     | 106,217.99     |         |     | 0.01           | 1.130         | 1                 |                    | 0.000              |
| 2272S0094                  | 126751       | Michigan First Credit Union | 100.00         | 100.00         | 100.00         | 100.00         |         |     | 0.00           | 0.050         | 1                 |                    | 0.000              |

Portfolio OAK  
CP

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 07/01/2022**

| Security ID                       | Investment # | Issuer                       | Par Value               | Book Value              | Market Value            | Reported Value          | Moody's S&P | % of Current Portfolio | Yield        | Days to Mat./Call | Maturity/Call Date | Effective Duration |
|-----------------------------------|--------------|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|------------------------|--------------|-------------------|--------------------|--------------------|
| <b>Passbook/Checking Accounts</b> |              |                              |                         |                         |                         |                         |             |                        |              |                   |                    |                    |
| 01381917549                       | 125359       | Huntington Pool              | 10,000.00               | 10,000.00               | 10,000.00               | 10,000.00               |             | 0.00                   | 0.010        | 1                 |                    | 0.000              |
| 0002306184                        | 125959       | Chief Financial Credit Union | 234,691.88              | 234,691.88              | 234,691.88              | 234,691.88              |             | 0.01                   | 0.500        | 1                 |                    | 0.000              |
| 106179019832                      | 126138       | Lake Michigan Credit Union   | 482,101.71              | 482,101.71              | 482,101.71              | 482,101.71              |             | 0.03                   | 2.180        | 1                 |                    | 0.000              |
| 11211082                          | 127069       | Horizon Bank                 | 1,514.44                | 1,514.44                | 1,514.44                | 1,514.44                |             | 0.00                   | 0.120        | 1                 |                    | 0.000              |
| 11699345                          | 127244       | Horizon Bank                 | 0.00                    | 0.00                    | 0.00                    | 0.00                    |             | 0.00                   | 0.080        | 1                 |                    | 0.000              |
| 50010511                          | 126719       | The State Bank               | 1,114,620.19            | 1,114,620.19            | 1,114,620.19            | 1,114,620.19            |             | 0.06                   | 1.500        | 1                 |                    | 0.000              |
| 122920590                         | 126831       | District Court int           | 22.61                   | 22.61                   | 22.61                   | 22.61                   |             | 0.00                   | 0.900        | 1                 |                    | 0.000              |
| 850008                            | 127324       | Citizens State Bank          | 250,172.64              | 250,172.64              | 250,172.64              | 250,172.64              |             | 0.01                   | 0.200        | 1                 |                    | 0.000 †            |
| <b>Subtotal</b>                   |              |                              | <b>3,834,142.29</b>     | <b>3,834,142.29</b>     | <b>3,834,142.29</b>     | <b>3,834,142.29</b>     |             | <b>0.22</b>            | <b>0.999</b> | <b>1</b>          |                    | <b>0.000</b>       |
| <b>Report Total</b>               |              |                              | <b>1,873,226,765.18</b> | <b>1,874,498,823.07</b> | <b>1,821,394,313.68</b> | <b>1,820,317,916.53</b> |             | <b>99.99</b>           | <b>4.441</b> | <b>322</b>        |                    | <b>.84092 †</b>    |

† = Duration can not be calculated on these investments due to incomplete Market price data.

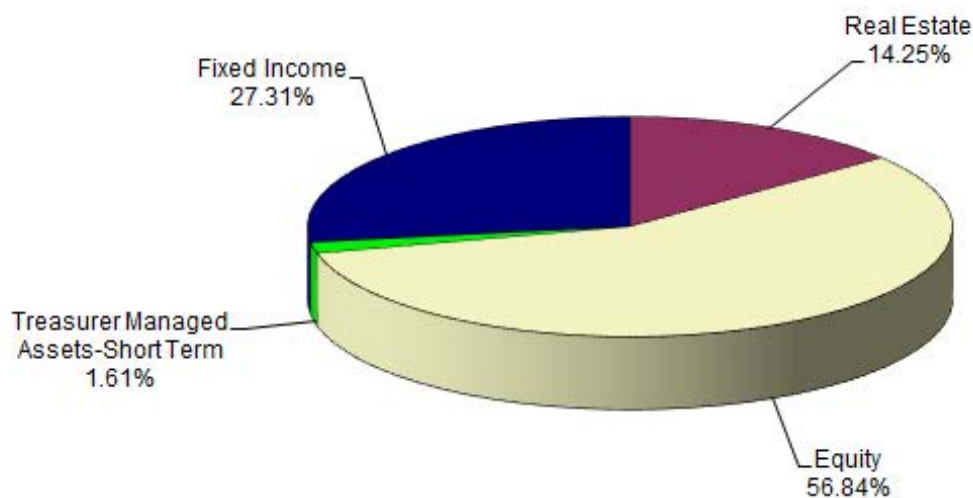
Oakland County  
Retirement System

**Oakland County Treasurer's Office**  
**Summary of All Investment Balances by Type**  
 Report as of July 31, 2022

Page 1

| Type                      | Current Original Cost          |
|---------------------------|--------------------------------|
| Retirement Equity & Fixed | 1,953,516,712.98               |
| Retirement Real Estate    | 330,724,551.78                 |
| Pool Portfolio            | 37,283,812.28                  |
| <b>GRAND TOTALS:</b>      | <b><u>2,321,525,077.04</u></b> |

**County Of Oakland Employees'**  
**Retirement System**  
**Robert Wittenberg, County Treasurer**



**Retirement Investments by Type**



# Oakland County Treasurer's Office

## Summary of Investments by Fund, Type, and Issuer

### Report as of July 31, 2022

Page 1

| Fund  | Type                                | Issuer                                          | Current Original Cost<br>Issuer Subtotals | Current Original Cost<br>Type & Fund Totals |
|-------|-------------------------------------|-------------------------------------------------|-------------------------------------------|---------------------------------------------|
| 73100 | <b>Employees' Retirement System</b> |                                                 |                                           |                                             |
|       | Retirement Equity & Fixed           |                                                 |                                           |                                             |
|       |                                     | ABS                                             | 30,327,863.34                             |                                             |
|       |                                     | BlackRock IX LP                                 | 6,935,545.85                              |                                             |
|       |                                     | CS McKee - Fixed                                | 120,968,005.30                            |                                             |
|       |                                     | Franklin Templeton - Fixed                      | 0.00                                      |                                             |
|       |                                     | Great Lakes Advisor                             | 15,491,900.28                             |                                             |
|       |                                     | HIG Fund IV                                     | 5,189,437.03                              |                                             |
|       |                                     | JPMorgan Chase                                  | 0.00                                      |                                             |
|       |                                     | Lazard Asset Management                         | 33,624,063.10                             |                                             |
|       |                                     | Lee Munder                                      | 21,387,619.62                             |                                             |
|       |                                     | Loomis Sayles - Fixed                           | 44,306,543.03                             |                                             |
|       |                                     | Loomis Sayles Small Cap                         | 28,810,149.71                             |                                             |
|       |                                     | Munder Capital Management                       | 0.00                                      |                                             |
|       |                                     | Northern Trust                                  | 37,459,016.88                             |                                             |
|       |                                     | Nuance Investments                              | 14,900,249.87                             |                                             |
|       |                                     | PICTET International Equity Fu                  | 39,142,239.83                             |                                             |
|       |                                     | PIMCO MF                                        | 30,736,978.33                             |                                             |
|       |                                     | RBC Global Asset Management (U                  | 0.00                                      |                                             |
|       |                                     | Reinhart Partners                               | 15,871,093.98                             |                                             |
|       |                                     | SSGA Index Fund                                 | 62,646,330.97                             |                                             |
|       |                                     | Seizert Capital Partner, LLC                    | 0.00                                      |                                             |
|       |                                     | T. Rowe Price                                   | 68,490,013.30                             |                                             |
|       |                                     | Times Square Capital Managemen                  | 16,761,257.56                             |                                             |
|       |                                     | Wedge Capital Management                        | 258.51                                    |                                             |
|       |                                     | Wells Capital Management                        | 16,685,170.66                             |                                             |
|       |                                     | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | 609,733,737.15                              |
|       | Retirement Real Estate              |                                                 |                                           |                                             |
|       |                                     | AEW PARTNERS RE VII                             | 1,640,729.00                              |                                             |
|       |                                     | Alidade Capital Fund IV, LP                     | 5,722,356.00                              |                                             |
|       |                                     | Bloomfield Capital V                            | 3,499,486.00                              |                                             |
|       |                                     | Churchill Middle Market                         | 3,628,698.24                              |                                             |
|       |                                     | DUNE REAL ESTATE                                | 2,354,673.00                              |                                             |
|       |                                     | Hamilton Lane Secondary Fund V                  | 7,140,248.00                              |                                             |
|       |                                     | JPMorgan European Property Fun                  | 69,662.18                                 |                                             |
|       |                                     | Marathon Distressed Credit                      | 9,421,191.00                              |                                             |
|       |                                     | Morgan Stanley Prime Fund                       | 46,154,943.22                             |                                             |
|       |                                     | PASF IV                                         | 7,344,476.00                              |                                             |
|       |                                     | Prudential -Prissa II                           | 23,896,716.04                             |                                             |
|       |                                     | ValStone                                        | 2,047,040.00                              |                                             |
|       |                                     | Walton Street Real Estate Fund                  | 3,313,500.00                              |                                             |
|       |                                     | <b>Totals for Retirement Real Estate</b>        |                                           | 116,233,718.68                              |
|       |                                     | <b>Totals for Employees' Retirement System</b>  |                                           | 725,967,455.83                              |
| 73200 | <b>VEBA Trust</b>                   |                                                 |                                           |                                             |
|       | Retirement Equity & Fixed           |                                                 |                                           |                                             |
|       |                                     | ABS                                             | 59,604,296.24                             |                                             |
|       |                                     | BlackRock IX LP                                 | 11,559,244.42                             |                                             |
|       |                                     | CS McKee - Fixed                                | 257,809,092.23                            |                                             |
|       |                                     | Franklin Templeton - Fixed                      | 102.24                                    |                                             |
|       |                                     | Great Lakes Advisor                             | 31,867,538.65                             |                                             |
|       |                                     | HIG Fund IV                                     | 9,854,835.87                              |                                             |
|       |                                     | JPMorgan Chase                                  | 0.00                                      |                                             |
|       |                                     | Lazard Asset Management                         | 76,013,623.96                             |                                             |
|       |                                     | Lee Munder                                      | 64,011,795.67                             |                                             |
|       |                                     | Loomis Sayles - Fixed                           | 131,204,614.59                            |                                             |
|       |                                     | Loomis Sayles Small Cap                         | 56,934,785.01                             |                                             |
|       |                                     | Munder Capital Management                       | 0.00                                      |                                             |
|       |                                     | Northern Trust                                  | 34,918,010.07                             |                                             |
|       |                                     | Nuance Investments                              | 27,268,209.04                             |                                             |



**Oakland County Treasurer's Office**  
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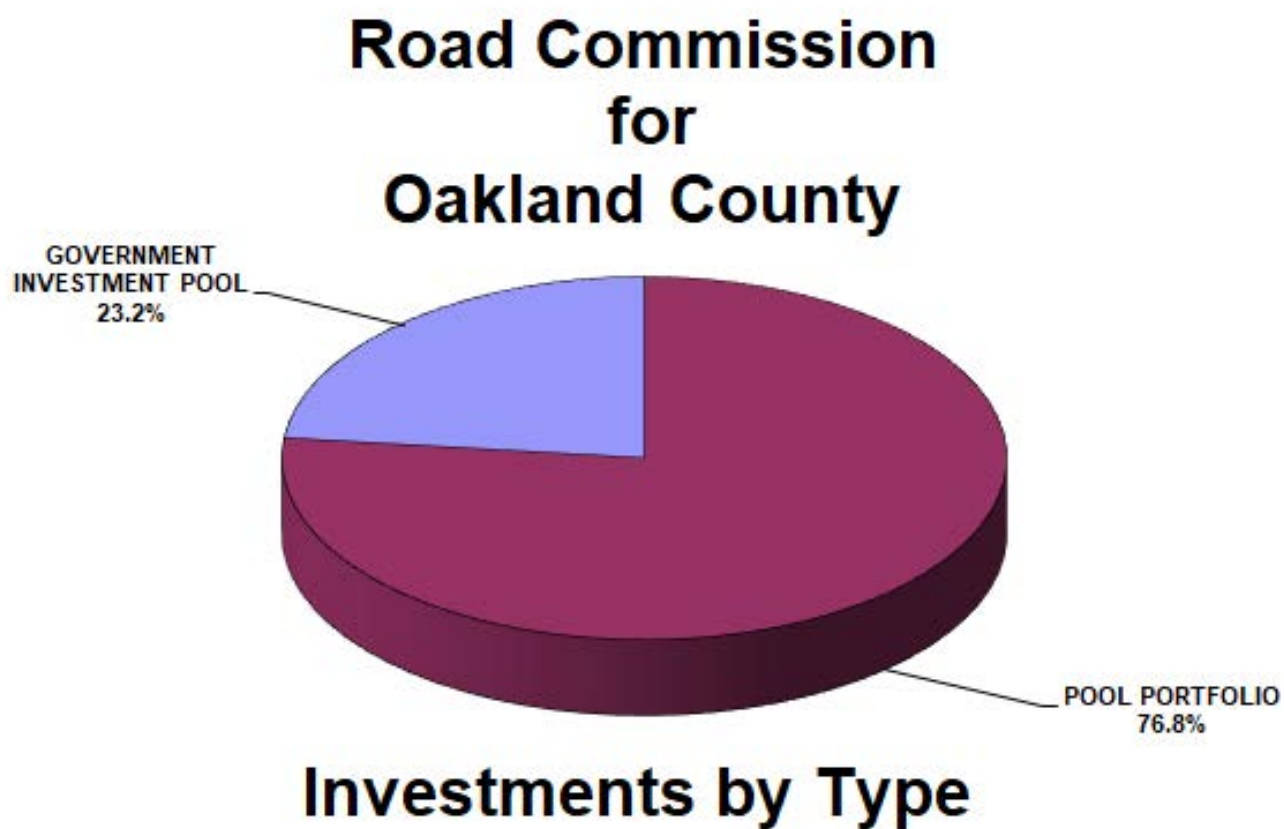
| Fund                 | Type                      | Issuer                                          | Current Original Cost<br>Issuer Subtotals | Current Original Cost<br>Type & Fund Totals |
|----------------------|---------------------------|-------------------------------------------------|-------------------------------------------|---------------------------------------------|
|                      |                           | PICTET International Equity Fu                  | 65,437,210.58                             |                                             |
|                      |                           | PIMCO MF                                        | 69,211,819.96                             |                                             |
|                      |                           | RBC Global Asset Management (U                  | 0.00                                      |                                             |
|                      |                           | Reinhart Partners                               | 35,937,608.02                             |                                             |
|                      |                           | SSGA Index Fund                                 | 166,768,749.85                            |                                             |
|                      |                           | Seizert Capital Partner, LLC                    | 0.00                                      |                                             |
|                      |                           | T. Rowe Price                                   | 155,528,099.91                            |                                             |
|                      |                           | Times Square Capital Managemen                  | 35,397,216.94                             |                                             |
|                      |                           | Wedge Capital Management                        | 458.85                                    |                                             |
|                      |                           | Wells Capital Management                        | 34,444,661.02                             |                                             |
|                      |                           | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | <b>1,323,771,973.12</b>                     |
|                      | Retirement Real Estate    |                                                 |                                           |                                             |
|                      |                           | AEW PARTNERS RE VII                             | 3,281,450.00                              |                                             |
|                      |                           | Alidade Capital Fund IV, LP                     | 3,433,414.00                              |                                             |
|                      |                           | Bloomfield Capital V                            | 6,561,535.00                              |                                             |
|                      |                           | Churchill Middle Market                         | 6,047,832.07                              |                                             |
|                      |                           | DUNE REAL ESTATE                                | 4,709,357.21                              |                                             |
|                      |                           | Hamilton Lane Secondary Fund V                  | 12,854,137.00                             |                                             |
|                      |                           | Macquarie European Infrastruct                  | 166,114.03                                |                                             |
|                      |                           | Macquarie Infrastructure Partn                  | 31,464.72                                 |                                             |
|                      |                           | Marathon Distressed Credit                      | 17,496,498.71                             |                                             |
|                      |                           | Morgan Stanley Prime Fund                       | 80,828,572.54                             |                                             |
|                      |                           | PASF IV                                         | 12,852,843.77                             |                                             |
|                      |                           | Prudential -Prissa II                           | 56,530,058.05                             |                                             |
|                      |                           | ValStone                                        | 3,070,557.00                              |                                             |
|                      |                           | Walton Street Real Estate Fund                  | 6,626,999.00                              |                                             |
|                      |                           | <b>Totals for Retirement Real Estate</b>        |                                           | <b>214,490,833.10</b>                       |
|                      |                           | <b>Totals for VEBA Trust</b>                    |                                           | <b>1,538,262,806.22</b>                     |
| 73310                | <b>Superseding Trust</b>  |                                                 |                                           |                                             |
|                      | Retirement Equity & Fixed |                                                 |                                           |                                             |
|                      |                           | CS McKee - Fixed                                | 7,366,788.74                              |                                             |
|                      |                           | JPMorgan Chase                                  | 0.00                                      |                                             |
|                      |                           | SSGA Index Fund                                 | 12,644,213.97                             |                                             |
|                      |                           | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | <b>20,011,002.71</b>                        |
|                      |                           | <b>Totals for Superseding Trust</b>             |                                           | <b>20,011,002.71</b>                        |
| <b>GRAND TOTALS:</b> |                           |                                                 |                                           | <b>2,284,241,264.76</b>                     |

Road Commission  
For  
Oakland County

**Oakland County Treasurer's Office**  
**Summary of All Investment Balances by Type**  
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| Type                         | Current Original Cost       |
|------------------------------|-----------------------------|
| Governmental Investment Pool | 21,816,721.98               |
| Pool Portfolio               | 72,085,071.03               |
| <b>GRAND TOTALS:</b>         | <b><u>93,901,793.01</u></b> |





**Oakland County Treasurer's Office**  
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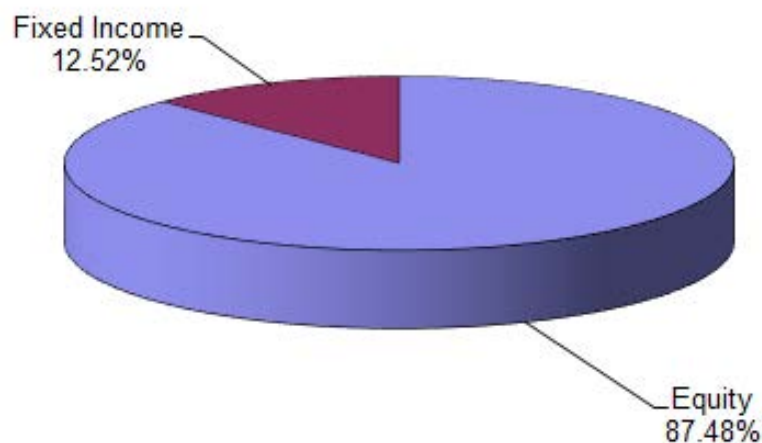
| Fund          | Type                                  | Issuer                                           | Current Original Cost<br>Issuer Subtotals | Current Original Cost<br>Type & Fund Totals |
|---------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|---------------------------------------------|
| 95210         | <b>Road Commission Fund</b>           |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 5,204,122.43                              |                                             |
|               |                                       | Imprest Cash                                     | 2,800.00                                  |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | <b>5,206,922.43</b>                         |
|               |                                       | <b>Totals for Road Commission Fund</b>           |                                           | <b>5,206,922.43</b>                         |
| 95211         | <b>Road Commission Special Assmnt</b> |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Federated Investors                              | 10,049,914.27                             |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | <b>10,049,914.27</b>                        |
|               |                                       | <b>Totals for Road Commission Special Assmnt</b> |                                           | <b>10,049,914.27</b>                        |
| 95293         | <b>Road Commission Escrow</b>         |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 6,527,885.28                              |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | <b>6,527,885.28</b>                         |
|               |                                       | <b>Totals for Road Commission Escrow</b>         |                                           | <b>6,527,885.28</b>                         |
| 95295         | <b>Road Commission Risk Managemen</b> |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 32,000.00                                 |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | <b>32,000.00</b>                            |
|               |                                       | <b>Totals for Road Commission Risk Managemen</b> |                                           | <b>32,000.00</b>                            |
| GRAND TOTALS: |                                       |                                                  |                                           | <b>21,816,721.98</b>                        |

**Oakland County Treasurer's Office**  
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| Type                      | Current Original Cost |
|---------------------------|-----------------------|
| Retirement Equity & Fixed | 274,791,470.55        |
| <b>GRAND TOTALS:</b>      | <b>274,791,470.55</b> |

## Road Commission Retirement



## Retirement Investments by Type



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| Fund                 | Type                                  | Issuer                                           | Current Original Cost<br>Issuer Subtotals | Current Original Cost<br>Type & Fund Totals |
|----------------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|---------------------------------------------|
| 95234                | <b>Road Commission Retirement</b>     |                                                  |                                           |                                             |
|                      | Retirement Equity & Fixed             |                                                  |                                           |                                             |
|                      |                                       | Comerica Bond Index Fund                         | 0.00                                      |                                             |
|                      |                                       | Commingled Mutual Fund Acct                      | 141,131,111.23                            |                                             |
|                      |                                       | Cumberland Advisors Inc fixed                    | 29,709,582.91                             |                                             |
|                      |                                       | Harding Loevner LP Intl                          | 15,118,537.98                             |                                             |
|                      |                                       | LS Investment Advisors LLC                       | 1,102.35                                  |                                             |
|                      |                                       | RE Principal Enhanced Proper                     | 22,736,389.03                             |                                             |
|                      |                                       | Receipt & Disburse Cash Acct                     | -1,094,187.20                             |                                             |
|                      |                                       | Rothschild Asset Management                      | 0.00                                      |                                             |
|                      |                                       | <b>Totals for Retirement Equity &amp; Fixed</b>  |                                           | <b>207,602,536.30</b>                       |
|                      |                                       | <b>Totals for Road Commission Retirement</b>     |                                           | <b>207,602,536.30</b>                       |
| 95235                | <b>Road Commission Retiree Health</b> |                                                  |                                           |                                             |
|                      | Retirement Equity & Fixed             |                                                  |                                           |                                             |
|                      |                                       | American Realty                                  | 4,597,299.38                              |                                             |
|                      |                                       | Cash Account                                     | 5,777,833.01                              |                                             |
|                      |                                       | Commingled Mutual Fund Acct                      | 39,553,699.70                             |                                             |
|                      |                                       | Garcia Hamilton & Associates                     | 12,749,296.28                             |                                             |
|                      |                                       | Harding Loevner LP Intl                          | 4,510,805.88                              |                                             |
|                      |                                       | <b>Totals for Retirement Equity &amp; Fixed</b>  |                                           | <b>67,188,934.25</b>                        |
|                      |                                       | <b>Totals for Road Commission Retiree Health</b> |                                           | <b>67,188,934.25</b>                        |
| <b>GRAND TOTALS:</b> |                                       |                                                  |                                           | <b>274,791,470.55</b>                       |