



# **FINANCIAL REPORT OF INVESTMENTS**

**February 28, 2022**

**PREPARED BY:**

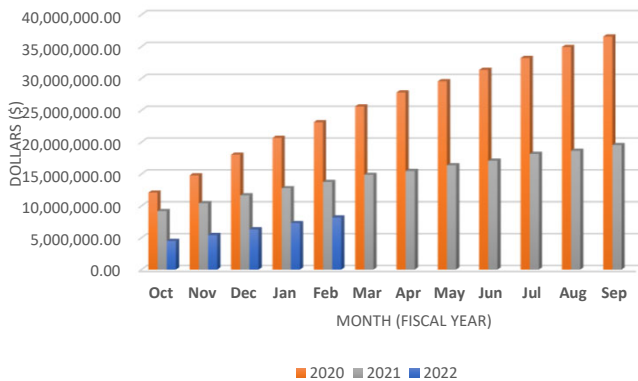
**ROBERT WITTENBERG, COUNTY TREASURER**

# Robert Wittenberg, Oakland County Treasurer

## Investment Report Summary

### Investment Portfolio

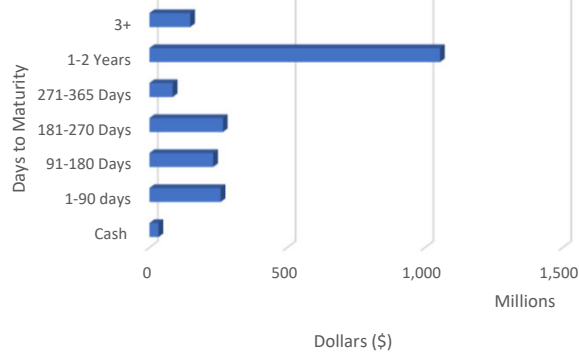
#### INTEREST EARNED



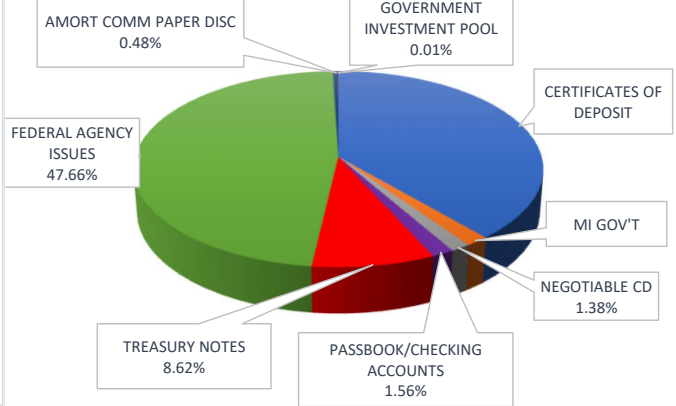
| Type                              | Current Original Cost   |
|-----------------------------------|-------------------------|
| Certificates of Deposit - Bank    | 802,044,489.30          |
| Federal Agency Issues - Coupon    | 989,343,445.39          |
| Governmental Investment Pool      | 271,105.48              |
| MI Gov't Coupon                   | 34,000,000.00           |
| Negotiable CDs                    | 28,663,500.00           |
| Passbook/Checking Accounts        | 32,435,970.88           |
| Treasury Notes                    | 178,904,562.50          |
| Amortizing Commercial Paper Disc. | 9,969,500.00            |
| <b>GRAND TOTALS:</b>              | <b>2,075,632,573.55</b> |

### Diversification

#### Diversification by Maturity Date

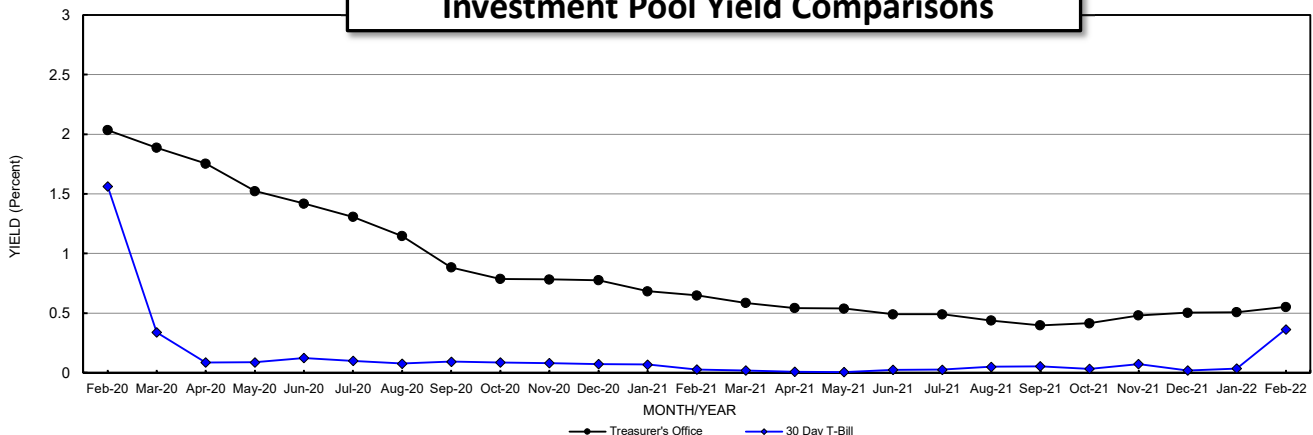


#### Diversification by Investment Type



### Yield

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





**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                         | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------------|---------------|---------------|---------------|----------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Certificates of Deposit - Bank</b> |              |                                |               |               |               |                |             |                |               |                  |               |                   |
| 293450-450                            | 127119       | Diversified Members Credit Uni | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.850         | 2                | 03/03/2022    | 0.005 ↑           |
| 6960040                               | 127130       | CIBC                           | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.230         | 6                | 03/07/2022    | 0.016 ↑           |
| 07368592240                           | 127129       | The Huntington National Bank   | 10,206,364.01 | 10,206,364.01 | 10,206,364.01 | 10,206,364.01  |             | 0.50           | 0.190         | 6                | 03/07/2022    | 0.016 ↑           |
| 293450-0305                           | 127128       | Diversified Members Credit Uni | 10,192,320.86 | 10,192,320.86 | 10,192,320.86 | 10,192,320.86  |             | 0.50           | 0.600         | 7                | 03/08/2022    | 0.019 ↑           |
| 37267                                 | 127132       | The State Bank                 | 5,042,665.75  | 5,042,665.75  | 5,042,665.75  | 5,042,665.75   |             | 0.25           | 0.400         | 9                | 03/10/2022    | 0.024 ↑           |
| 293450-492-1                          | 127137       | Diversified Members Credit Uni | 5,098,670.82  | 5,098,670.82  | 5,098,670.82  | 5,098,670.82   |             | 0.25           | 0.600         | 14               | 03/15/2022    | 0.038 ↑           |
| 2272S0058                             | 127075       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.500         | 17               | 03/18/2022    | 0.046 ↑           |
| 012218046-3                           | 127140       | Superior National Bank         | 6,391,626.42  | 6,391,626.42  | 6,391,626.42  | 6,391,626.42   |             | 0.31           | 0.400         | 18               | 03/19/2022    | 0.049 ↑           |
| 6974737-1                             | 127078       | CIBC                           | 15,300,417.89 | 15,300,417.89 | 15,300,417.89 | 15,300,417.89  |             | 0.75           | 0.350         | 27               | 03/28/2022    | 0.073 ↑           |
| 827030                                | 127080       | Waterford Bank, N.A.           | 5,000,000.00  | 5,000,000.00  | 5,000,000.00  | 5,000,000.00   |             | 0.24           | 0.350         | 28               | 03/29/2022    | 0.076 ↑           |
| 5000025237                            | 127141       | Level One Bank                 | 10,110,602.74 | 10,110,602.74 | 10,110,602.74 | 10,110,602.74  |             | 0.49           | 0.200         | 28               | 03/29/2022    | 0.076 ↑           |
| 6990601-1                             | 127143       | CIBC                           | 15,451,626.40 | 15,451,626.40 | 15,451,626.40 | 15,451,626.40  |             | 0.75           | 0.220         | 31               | 04/01/2022    | 0.084 ↑           |
| 07368610465                           | 127153       | The Huntington National Bank   | 10,107,670.43 | 10,107,670.43 | 10,107,670.43 | 10,107,670.43  |             | 0.49           | 0.200         | 31               | 04/01/2022    | 0.084 ↑           |
| 07368613433                           | 127142       | The Huntington National Bank   | 10,112,617.26 | 10,112,617.26 | 10,112,617.26 | 10,112,617.26  |             | 0.49           | 0.200         | 31               | 04/01/2022    | 0.084 ↑           |
| 137708139                             | 127125       | Flagstar Bank                  | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.250         | 31               | 04/01/2022    | 0.084 ↑           |
| 137663482                             | 127124       | Flagstar Bank                  | 16,000,000.00 | 16,000,000.00 | 16,000,000.00 | 16,000,000.00  |             | 0.78           | 0.250         | 31               | 04/01/2022    | 0.084 ↑           |
| 2272S0045-1                           | 127152       | Michigan First Credit Union    | 10,200,577.70 | 10,200,577.70 | 10,200,577.70 | 10,200,577.70  |             | 0.50           | 0.150         | 31               | 04/01/2022    | 0.084 ↑           |
| 07368609670                           | 127161       | The Huntington National Bank   | 10,099,133.22 | 10,099,133.22 | 10,099,133.22 | 10,099,133.22  |             | 0.49           | 0.180         | 45               | 04/15/2022    | 0.123 ↑           |
| 37273                                 | 127138       | The State Bank                 | 10,087,000.00 | 10,087,000.00 | 10,087,000.00 | 10,087,000.00  |             | 0.49           | 0.400         | 45               | 04/15/2022    | 0.123 ↑           |
| 293450-410-1                          | 127159       | Diversified Members Credit Uni | 5,103,198.54  | 5,103,198.54  | 5,103,198.54  | 5,103,198.54   |             | 0.25           | 0.600         | 45               | 04/15/2022    | 0.123 ↑           |
| 293450-411-1                          | 127160       | Diversified Members Credit Uni | 5,103,198.54  | 5,103,198.54  | 5,103,198.54  | 5,103,198.54   |             | 0.25           | 0.600         | 45               | 04/15/2022    | 0.123 ↑           |
| 07368602884                           | 127162       | The Huntington National Bank   | 10,111,598.35 | 10,111,598.35 | 10,111,598.35 | 10,111,598.35  |             | 0.49           | 0.180         | 48               | 04/18/2022    | 0.131 ↑           |
| 6943261-2                             | 127139       | CIBC                           | 10,530,631.95 | 10,530,631.95 | 10,530,631.95 | 10,530,631.95  |             | 0.51           | 0.220         | 59               | 04/29/2022    | 0.161 ↑           |
| 6887573-1                             | 127225       | CIBC                           | 16,767,830.78 | 16,767,830.78 | 16,767,830.78 | 16,767,830.78  |             | 0.82           | 0.200         | 59               | 04/29/2022    | 0.161 ↑           |
| 500022751-3                           | 127176       | Huron Valley State Bank        | 1,085,507.77  | 1,085,507.77  | 1,085,507.77  | 1,085,507.77   |             | 0.05           | 0.150         | 69               | 05/09/2022    | 0.189 ↑           |
| 131546551-1                           | 127174       | Flagstar Bank                  | 10,147,311.15 | 10,147,311.15 | 10,147,311.15 | 10,147,311.15  |             | 0.50           | 0.200         | 73               | 05/13/2022    | 0.200 ↑           |
| 131546585-1                           | 127182       | Flagstar Bank                  | 10,152,223.58 | 10,152,223.58 | 10,152,223.58 | 10,152,223.58  |             | 0.50           | 0.200         | 87               | 05/27/2022    | 0.238 ↑           |
| 507019487-2                           | 127190       | Waterford Bank, N.A.           | 2,181,741.77  | 2,181,741.77  | 2,181,741.77  | 2,181,741.77   |             | 0.11           | 0.200         | 91               | 05/31/2022    | 0.249 ↑           |
| 139644670                             | 127192       | Flagstar Bank                  | 20,000,000.00 | 20,000,000.00 | 20,000,000.00 | 20,000,000.00  |             | 0.98           | 0.200         | 98               | 06/07/2022    | 0.268 ↑           |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                         | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------------|---------------|---------------|---------------|----------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Certificates of Deposit - Bank</b> |              |                                |               |               |               |                |             |                |               |                  |               |                   |
| 6819455-1                             | 127194       | CIBC                           | 13,392,218.81 | 13,392,218.81 | 13,392,218.81 | 13,392,218.81  |             | 0.65           | 0.200         | 99               | 06/08/2022    | 0.271 ↑           |
| 2272S0050                             | 127051       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.750         | 126              | 07/05/2022    | 0.345 ↑           |
| 6873820-1                             | 127208       | CIBC                           | 10,819,196.68 | 10,819,196.68 | 10,819,196.68 | 10,819,196.68  |             | 0.53           | 0.200         | 129              | 07/08/2022    | 0.353 ↑           |
| 2272S0046-1                           | 127207       | Michigan First Credit Union    | 10,078,157.52 | 10,078,157.52 | 10,078,157.52 | 10,078,157.52  |             | 0.49           | 0.150         | 129              | 07/08/2022    | 0.353 ↑           |
| 6946354/2                             | 127210       | CIBC                           | 14,597,649.27 | 14,597,649.27 | 14,597,649.27 | 14,597,649.27  |             | 0.71           | 0.200         | 132              | 07/11/2022    | 0.361 ↑           |
| 826693-1                              | 127211       | Waterford Bank, N.A.           | 10,045,075.99 | 10,045,075.99 | 10,045,075.99 | 10,045,075.99  |             | 0.49           | 0.250         | 134              | 07/13/2022    | 0.367 ↑           |
| 2272S0043-1                           | 127212       | Michigan First Credit Union    | 10,241,101.52 | 10,241,101.52 | 10,241,101.52 | 10,241,101.52  |             | 0.50           | 0.150         | 135              | 07/14/2022    | 0.369 ↑           |
| 2272S0047-1                           | 127213       | Michigan First Credit Union    | 10,079,399.83 | 10,079,399.83 | 10,079,399.83 | 10,079,399.83  |             | 0.49           | 0.150         | 136              | 07/15/2022    | 0.372 ↑           |
| 2272S0049                             | 127052       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.750         | 140              | 07/19/2022    | 0.383 ↑           |
| 2272S0048-1                           | 127215       | Michigan First Credit Union    | 10,081,056.24 | 10,081,056.24 | 10,081,056.24 | 10,081,056.24  |             | 0.49           | 0.150         | 143              | 07/22/2022    | 0.391 ↑           |
| 6918935-1                             | 127216       | CIBC                           | 10,041,285.93 | 10,041,285.93 | 10,041,285.93 | 10,041,285.93  |             | 0.49           | 0.200         | 150              | 07/29/2022    | 0.410 ↑           |
| 191978                                | 127217       | Horizon Bank                   | 13,200,000.00 | 13,200,000.00 | 13,200,000.00 | 13,200,000.00  |             | 0.64           | 0.100         | 154              | 08/02/2022    | 0.421 ↑           |
| 293450-580                            | 127120       | Diversified Members Credit Uni | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.73           | 1.090         | 155              | 08/03/2022    | 0.424 ↑           |
| 2272S0041-1                           | 127218       | Michigan First Credit Union    | 10,488,413.33 | 10,488,413.33 | 10,488,413.33 | 10,488,413.33  |             | 0.51           | 0.150         | 161              | 08/09/2022    | 0.441 ↑           |
| 6893616-1                             | 127222       | CIBC                           | 10,517,517.00 | 10,517,517.00 | 10,517,517.00 | 10,517,517.00  |             | 0.51           | 0.200         | 164              | 08/12/2022    | 0.449 ↑           |
| 6938588-2                             | 127223       | CIBC                           | 10,042,848.48 | 10,042,848.48 | 10,042,848.48 | 10,042,848.48  |             | 0.49           | 0.200         | 164              | 08/12/2022    | 0.449 ↑           |
| 07368625036                           | 127122       | The Huntington National Bank   | 10,202,809.25 | 10,202,809.25 | 10,202,809.25 | 10,202,809.25  |             | 0.50           | 0.200         | 167              | 08/15/2022    | 0.457 ↑           |
| 6987764-1                             | 127224       | CIBC                           | 10,043,183.17 | 10,043,183.17 | 10,043,183.17 | 10,043,183.17  |             | 0.49           | 0.200         | 168              | 08/16/2022    | 0.460 ↑           |
| 012220653-1                           | 127228       | Superior National Bank         | 10,125,782.35 | 10,125,782.35 | 10,125,782.35 | 10,125,782.35  |             | 0.49           | 0.150         | 172              | 08/20/2022    | 0.471 ↑           |
| 6857250-1                             | 127229       | CIBC                           | 10,041,063.02 | 10,041,063.02 | 10,041,063.02 | 10,041,063.02  |             | 0.49           | 0.200         | 184              | 09/01/2022    | 0.504 ↑           |
| 12213112-6                            | 127230       | Superior National Bank         | 11,095,724.32 | 11,095,724.32 | 11,095,724.32 | 11,095,724.32  |             | 0.54           | 0.150         | 184              | 09/01/2022    | 0.504 ↑           |
| 196210                                | 127245       | Horizon Bank                   | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.73           | 0.100         | 194              | 09/11/2022    | 0.531 ↑           |
| 40000903-1                            | 127242       | Mi Bank                        | 3,073,038.35  | 3,073,038.35  | 3,073,038.35  | 3,073,038.35   |             | 0.15           | 0.250         | 197              | 09/14/2022    | 0.539 ↑           |
| 4300142348                            | 126866       | Mercantile Bank of Michigan    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 2.070         | 202              | 09/19/2022    | 0.553 ↑           |
| 50-400                                | 127079       | Diversified Members Credit Uni | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.900         | 211              | 09/28/2022    | 0.578 ↑           |
| 827048                                | 127081       | Waterford Bank, N.A.           | 5,000,000.00  | 5,000,000.00  | 5,000,000.00  | 5,000,000.00   |             | 0.24           | 0.400         | 212              | 09/29/2022    | 0.580 ↑           |
| 6966034-2                             | 127272       | CIBC                           | 10,210,889.27 | 10,210,889.27 | 10,210,889.27 | 10,210,889.27  |             | 0.50           | 0.200         | 213              | 09/30/2022    | 0.583 ↑           |
| 141251728                             | 127249       | Flagstar Bank                  | 16,000,000.00 | 16,000,000.00 | 16,000,000.00 | 16,000,000.00  |             | 0.78           | 0.200         | 213              | 09/30/2022    | 0.583 ↑           |
| 29202606301                           | 127254       | Independent Bank               | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.73           | 0.170         | 213              | 09/30/2022    | 0.583 ↑           |
| 2272S0057                             | 127076       | Michigan First Credit Union    | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.550         | 213              | 09/30/2022    | 0.583 ↑           |
| 196226                                | 127258       | Horizon Bank                   | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.73           | 0.100         | 213              | 09/30/2022    | 0.583 ↑           |
| 6923283-1                             | 127199       | CIBC                           | 10,077,231.81 | 10,077,231.81 | 10,077,231.81 | 10,077,231.81  |             | 0.49           | 0.200         | 216              | 10/03/2022    | 0.591 ↑           |
| 141251744                             | 127250       | Flagstar Bank                  | 10,000,000.00 | 10,000,000.00 | 10,000,000.00 | 10,000,000.00  |             | 0.49           | 0.200         | 227              | 10/14/2022    | 0.621 ↑           |
| 29202606560                           | 127255       | Independent Bank               | 15,000,000.00 | 15,000,000.00 | 15,000,000.00 | 15,000,000.00  |             | 0.73           | 0.170         | 227              | 10/14/2022    | 0.621 ↑           |

Portfolio OAK  
CP

Run Date: 06/07/2022 - 11:00

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                      | Par Value             | Book Value            | Market Value          | Reported Value        | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Certificates of Deposit - Bank</b> |              |                             |                       |                       |                       |                       |             |                |               |                  |               |                   |
| 196227                                | 127259       | Horizon Bank                | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.73           | 0.100         | 227              | 10/14/2022    | 0.621 ↑           |
| 2272S0056                             | 127077       | Michigan First Credit Union | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.73           | 0.550         | 228              | 10/15/2022    | 0.624 ↑           |
| 141251786                             | 127251       | Flagstar Bank               | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.200         | 241              | 10/28/2022    | 0.660 ↑           |
| 29202606579                           | 127256       | Independent Bank            | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.170         | 244              | 10/31/2022    | 0.668 ↑           |
| 141251819                             | 127252       | Flagstar Bank               | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.200         | 255              | 11/11/2022    | 0.698 ↑           |
| 500023338                             | 127319       | Huron Valley State Bank     | 1,089,199.58          | 1,089,199.58          | 1,089,199.58          | 1,089,199.58          |             | 0.05           | 0.200         | 268              | 11/24/2022    | 0.734 ↑           |
| 196228                                | 127260       | Horizon Bank                | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.100         | 269              | 11/25/2022    | 0.736 ↑           |
| 501026603-2                           | 127322       | Huron Valley State Bank     | 1,021,095.25          | 1,021,095.25          | 1,021,095.25          | 1,021,095.25          |             | 0.05           | 0.200         | 287              | 12/13/2022    | 0.786 ↑           |
| 12218038                              | 127110       | Superior National Bank      | 6,380,566.85          | 6,380,566.85          | 6,380,566.85          | 6,380,566.85          |             | 0.31           | 0.550         | 297              | 12/23/2022    | 0.813 ↑           |
| 196259                                | 127268       | Horizon Bank                | 13,000,000.00         | 13,000,000.00         | 13,000,000.00         | 13,000,000.00         |             | 0.63           | 0.100         | 311              | 01/06/2023    | 0.852 ↑           |
| 6919491-2                             | 127328       | CIBC                        | 10,220,612.35         | 10,220,612.35         | 10,220,612.35         | 10,220,612.35         |             | 0.50           | 0.330         | 315              | 01/10/2023    | 0.863 ↑           |
| 196260                                | 127269       | Horizon Bank                | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.100         | 325              | 01/20/2023    | 0.890 ↑           |
| 196211                                | 127246       | Horizon Bank                | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         | 15,000,000.00         |             | 0.73           | 0.140         | 380              | 03/16/2023    | 1.041 ↑           |
| 196263                                | 127271       | Horizon Bank                | 7,000,000.00          | 7,000,000.00          | 7,000,000.00          | 7,000,000.00          |             | 0.34           | 0.200         | 418              | 04/23/2023    | 1.145 ↑           |
| 828103                                | 127293       | Waterford Bank, N.A.        | 1,095,669.76          | 1,095,669.76          | 1,095,669.76          | 1,095,669.76          |             | 0.05           | 0.150         | 419              | 04/24/2023    | 1.147 ↑           |
| 828111                                | 127295       | Waterford Bank, N.A.        | 2,159,167.44          | 2,159,167.44          | 2,159,167.44          | 2,159,167.44          |             | 0.11           | 0.150         | 423              | 04/28/2023    | 1.158 ↑           |
| 196261                                | 127270       | Horizon Bank                | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         | 10,000,000.00         |             | 0.49           | 0.200         | 465              | 06/09/2023    | 1.273 ↑           |
| <b>Subtotal</b>                       |              |                             | <b>802,044,489.30</b> | <b>802,044,489.30</b> | <b>802,044,489.30</b> | <b>802,044,489.30</b> |             | <b>39.12</b>   | <b>0.296</b>  | <b>150</b>       |               | <b>0.410 ↑</b>    |
| <b>Governmental Investment Pool</b>   |              |                             |                       |                       |                       |                       |             |                |               |                  |               |                   |
| MI 01 0047 0003 111745                |              | MI Class                    | 271,105.48            | 271,105.48            | 271,105.48            | 271,105.48            |             | 0.01           | 0.050         | 1                |               | 0.000             |
| <b>Subtotal</b>                       |              |                             | <b>271,105.48</b>     | <b>271,105.48</b>     | <b>271,105.48</b>     | <b>271,105.48</b>     |             | <b>0.01</b>    | <b>0.050</b>  | <b>1</b>         |               | <b>0.000</b>      |
| <b>Negotiable CDs</b>                 |              |                             |                       |                       |                       |                       |             |                |               |                  |               |                   |
| 949763K21                             | 126887       | Wells Fargo Bank            | 5,000,000.00          | 4,992,500.00          | 5,044,441.20          | 4,992,500.00          |             | 0.24           | 0.494         | 210              | 09/27/2022    | 0.277             |
| 949763S64                             | 126979       | Wells Fargo Bank            | 8,691,000.00          | 8,691,000.00          | 8,776,484.50          | 8,776,484.50          |             | 0.43           | 0.819         | 335              | 01/30/2023    | 0.306             |
| 949763S64                             | 126975       | Wells Fargo Bank            | 10,000,000.00         | 9,985,000.00          | 10,098,359.80         | 9,985,000.00          |             | 0.49           | 0.816         | 335              | 01/30/2023    | 0.230             |
| 32110YVG7                             | 127339       | First Natl Bk of America    | 5,000,000.00          | 4,995,000.00          | 4,926,585.45          | 4,995,000.00          | P-1 A-1     | 0.24           | 1.488         | 692              | 01/22/2024    | 1.881             |
| <b>Subtotal</b>                       |              |                             | <b>28,691,000.00</b>  | <b>28,663,500.00</b>  | <b>28,845,870.95</b>  | <b>28,748,984.50</b>  |             | <b>1.40</b>    | <b>0.878</b>  | <b>375</b>       |               | <b>0.548</b>      |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                              | Investment # | Issuer                     | Par Value            | Book Value          | Market Value        | Reported Value      | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|------------------------------------------|--------------|----------------------------|----------------------|---------------------|---------------------|---------------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Amortizing Commercial Paper Disc.</b> |              |                            |                      |                     |                     |                     |         |     |                |               |                  |               |                   |
| 17327BJF3                                | 127334       | Citigroup Commercial Paper | 10,000,000.00        | 9,969,500.00        | 9,950,858.10        | 9,969,500.00        | P-1     | A-1 | 0.49           | 0.917         | 198              | 09/15/2022    | 0.540             |
| <b>Subtotal</b>                          |              |                            | <b>10,000,000.00</b> | <b>9,969,500.00</b> | <b>9,950,858.10</b> | <b>9,969,500.00</b> |         |     | <b>0.49</b>    | <b>0.917</b>  | <b>198</b>       |               | <b>0.540</b>      |
| <b>Federal Agency Issues - Coupon</b>    |              |                            |                      |                     |                     |                     |         |     |                |               |                  |               |                   |
| 313381BR5                                | 126943       | Federal Home Loan Bank     | 5,000,000.00         | 5,031,504.85        | 5,038,158.50        | 5,038,158.50        |         |     | 0.25           | 0.882         | 283              | 12/09/2022    | 0.764             |
| 3133ENKR0                                | 127329       | Federal Farm Credit Bank   | 10,000,000.00        | 10,000,000.00       | 9,953,490.50        | 9,953,490.50        | Aaa     | AAA | 0.49           | 0.964         | 316              | 01/11/2023    | 0.856             |
| 3133ENLB4                                | 127335       | Federal Farm Credit Bank   | 10,000,000.00        | 10,000,000.00       | 9,962,593.50        | 9,962,593.50        |         |     | 0.49           | 0.888         | 323              | 01/18/2023    | 0.875             |
| 3137EAEQ8                                | 127340       | Freddie Mac Coupon         | 5,420,000.00         | 5,364,704.37        | 5,371,092.52        | 5,371,092.52        |         |     | 0.26           | 1.177         | 415              | 04/20/2023    | 1.126             |
| 3137EAEQ8                                | 127341       | Freddie Mac Coupon         | 5,000,000.00         | 4,948,989.27        | 4,954,882.40        | 4,954,882.40        |         |     | 0.24           | 1.177         | 415              | 04/20/2023    | 1.126             |
| 31422XQE5                                | 127317       | Farmer Mac Coupon          | 5,000,000.00         | 5,000,000.00        | 4,955,114.90        | 4,955,114.90        |         |     | 0.24           | 1.150         | 447              | 05/22/2023    | 1.214             |
| 31422XUX8                                | 127345       | Farmer Mac Coupon          | 10,000,000.00        | 10,000,000.00       | 10,011,274.10       | 10,011,274.10       |         |     | 0.49           | 1.299         | 514              | 07/28/2023    | 1.390             |
| 3135G05U3                                | 127282       | Fannie Mae                 | 7,750,000.00         | 7,746,590.00        | 7,646,932.44        | 7,646,932.44        |         |     | 0.37           | 1.270         | 535              | 08/18/2023    | 1.452             |
| 3135G05T6                                | 127198       | Fannie Mae                 | 9,435,000.00         | 9,462,927.60        | 9,307,384.36        | 9,307,384.36        |         |     | 0.45           | 1.286         | 535              | 08/18/2023    | 1.452             |
| 3133EEG79                                | 127342       | Federal Farm Credit Bank   | 4,000,000.00         | 4,046,000.00        | 4,050,709.92        | 4,050,709.92        |         |     | 0.20           | 1.303         | 555              | 09/07/2023    | 1.475             |
| 3137EAEW5                                | 127306       | Freddie Mac Coupon         | 3,913,000.00         | 3,904,587.05        | 3,849,017.72        | 3,849,017.72        |         |     | 0.19           | 1.341         | 556              | 09/08/2023    | 1.505             |
| 3133EMAM4                                | 127277       | Federal Farm Credit Bank   | 5,000,000.00         | 4,995,050.00        | 4,920,943.30        | 4,920,943.30        |         |     | 0.24           | 1.280         | 569              | 09/21/2023    | 1.541             |
| 3133ENAU4                                | 127278       | Federal Farm Credit Bank   | 10,000,000.00        | 9,994,000.00        | 9,835,687.20        | 9,835,687.20        |         |     | 0.48           | 1.302         | 590              | 10/12/2023    | 1.599             |
| 3137EAEY1                                | 127311       | Freddie Mac Coupon         | 5,000,000.00         | 4,965,900.00        | 4,899,960.75        | 4,899,960.75        |         |     | 0.24           | 1.374         | 594              | 10/16/2023    | 1.612             |
| 3133ENBN9                                | 127288       | Federal Farm Credit Bank   | 15,000,000.00        | 14,988,000.00       | 14,805,391.20       | 14,805,391.20       |         |     | 0.72           | 1.143         | 598              | 10/20/2023    | 1.621             |
| 3136G46A6                                | 127091       | Fannie Mae                 | 10,000,000.00        | 10,000,000.00       | 9,838,139.20        | 9,838,139.20        |         |     | 0.48           | 1.291         | 605              | 10/27/2023    | 1.640             |
| 3133EMFB3                                | 127096       | Federal Farm Credit Bank   | 5,000,000.00         | 4,997,500.00        | 4,910,782.10        | 4,910,782.10        |         |     | 0.24           | 1.375         | 611              | 11/02/2023    | 1.654             |
| 3134GW6E1                                | 127095       | Freddie Mac Coupon         | 10,000,000.00        | 10,000,000.00       | 9,811,513.60        | 9,811,513.60        | Aaa     | AA  | 0.48           | 1.467         | 611              | 11/02/2023    | 1.652             |
| 31422XPP1                                | 127302       | Farmer Mac Coupon          | 10,000,000.00        | 10,000,000.00       | 9,874,223.70        | 9,874,223.70        |         |     | 0.48           | 1.314         | 611              | 11/02/2023    | 1.650             |
| 31422XPP1                                | 127304       | Farmer Mac Coupon          | 5,000,000.00         | 5,000,000.00        | 4,937,111.85        | 4,937,111.85        |         |     | 0.24           | 1.314         | 611              | 11/02/2023    | 1.650             |
| 31422B2K5                                | 127097       | Farmer Mac Coupon          | 4,000,000.00         | 4,000,000.00        | 3,933,251.48        | 3,933,251.48        |         |     | 0.19           | 1.327         | 615              | 11/06/2023    | 1.664             |
| 3133ENDR8                                | 127312       | Federal Farm Credit Bank   | 5,000,000.00         | 4,991,000.00        | 4,922,472.30        | 4,922,472.30        |         |     | 0.24           | 1.332         | 618              | 11/09/2023    | 1.671             |
| 3134GXAY0                                | 127098       | Freddie Mac Coupon         | 5,000,000.00         | 5,000,000.00        | 4,918,733.75        | 4,918,733.75        | Aaa     | AA  | 0.24           | 1.270         | 622              | 11/13/2023    | 1.684             |
| 31422B3E8                                | 127236       | Farmer Mac Coupon          | 4,000,000.00         | 4,000,000.00        | 3,929,694.76        | 3,929,694.76        |         |     | 0.19           | 1.348         | 629              | 11/20/2023    | 1.703             |
| 31422B3E8                                | 127101       | Farmer Mac Coupon          | 2,350,000.00         | 2,348,825.00        | 2,308,695.67        | 2,308,695.67        |         |     | 0.11           | 1.348         | 629              | 11/20/2023    | 1.703             |
| 3134GXCA0                                | 127102       | Freddie Mac Coupon         | 5,000,000.00         | 5,000,000.00        | 4,910,052.90        | 4,910,052.90        |         |     | 0.24           | 1.376         | 633              | 11/24/2023    | 1.713             |
| 31422XQD7                                | 127320       | Farmer Mac Coupon          | 5,000,000.00         | 5,000,000.00        | 4,933,105.05        | 4,933,105.05        | Aaa     | AAA | 0.24           | 1.359         | 638              | 11/29/2023    | 1.723             |
| 3137EAF2                                 | 127305       | Freddie Mac Coupon         | 4,025,000.00         | 4,009,906.25        | 3,942,629.22        | 3,942,629.22        |         |     | 0.19           | 1.433         | 643              | 12/04/2023    | 1.742             |
| 31422XJA1                                | 127206       | Farmer Mac Coupon          | 6,000,000.00         | 6,000,000.00        | 5,884,464.30        | 5,884,464.30        | Aaa     | AAA | 0.29           | 1.396         | 672              | 01/02/2024    | 1.818             |
| 3130AM3C4                                | 127168       | Federal Home Loan Bank     | 10,000,000.00        | 10,000,000.00       | 9,823,046.50        | 9,823,046.50        |         |     | 0.48           | 1.290         | 699              | 01/29/2024    | 1.893             |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |             |                |               |                  |               |                   |
| 3133ENNE6                             | 127343       | Federal Farm Credit Bank | 5,000,000.00  | 4,965,000.00  | 4,968,622.70  | 4,968,622.70   |             | 0.24           | 1.560         | 710              | 02/09/2024    | 1.905             |
| 3133EMSD5                             | 127126       | Federal Farm Credit Bank | 10,000,000.00 | 9,990,000.00  | 9,736,896.20  | 9,736,896.20   |             | 0.48           | 2.127         | 731              | 03/01/2024    | 1.975             |
| 31422XCD2                             | 127131       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,815,511.10  | 9,815,511.10   |             | 0.48           | 1.329         | 738              | 03/08/2024    | 1.996             |
| 3130ALJ70                             | 127134       | Federal Home Loan Bank   | 20,000,000.00 | 20,000,000.00 | 19,516,711.20 | 19,516,711.20  |             | 0.95           | 1.614         | 742              | 03/12/2024    | 2.004             |
| 3133EMTD4                             | 127135       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,881,154.40  | 4,881,154.40   |             | 0.24           | 1.559         | 745              | 03/15/2024    | 2.013             |
| 3130ALKS2                             | 127136       | Federal Home Loan Bank   | 10,000,000.00 | 9,990,000.00  | 9,766,240.00  | 9,766,240.00   |             | 0.48           | 1.544         | 745              | 03/15/2024    | 2.013             |
| 31422XUA8                             | 127344       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,987,816.20  | 4,987,816.20   |             | 0.24           | 1.471         | 752              | 03/22/2024    | 2.021             |
| 3130ALU77                             | 127147       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,797,882.60  | 9,797,882.60   |             | 0.48           | 1.341         | 758              | 03/28/2024    | 2.052             |
| 3130ALLM4                             | 127144       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,901,474.75  | 4,901,474.75   |             | 0.24           | 1.316         | 758              | 03/28/2024    | 2.052             |
| 31422XNR9                             | 127274       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,892,269.25  | 4,892,269.25   |             | 0.24           | 1.490         | 765              | 04/04/2024    | 2.065             |
| 3130ALTJ3                             | 127155       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,798,040.40  | 9,798,040.40   |             | 0.48           | 1.352         | 769              | 04/08/2024    | 2.079             |
| 3130ALTJ3                             | 127154       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,798,040.40  | 9,798,040.40   |             | 0.48           | 1.352         | 769              | 04/08/2024    | 2.079             |
| 3130ALRH9                             | 127156       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,802,279.20  | 9,802,279.20   |             | 0.48           | 1.352         | 773              | 04/12/2024    | 2.089             |
| 3130ALWE0                             | 127157       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 14,702,075.25 | 14,702,075.25  |             | 0.72           | 1.353         | 776              | 04/15/2024    | 2.098             |
| 3133EMXB3                             | 127166       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,732,883.00  | 9,732,883.00   | Aaa AA      | 0.48           | 1.614         | 783              | 04/22/2024    | 2.116             |
| 3130ALXB5                             | 127165       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 14,712,889.05 | 14,712,889.05  | Aaa AA      | 0.72           | 1.360         | 783              | 04/22/2024    | 2.116             |
| 3130AM3D2                             | 127169       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,795,700.90  | 9,795,700.90   |             | 0.48           | 1.363         | 790              | 04/29/2024    | 2.136             |
| 3130ALXQ2                             | 127167       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,767,852.40  | 9,767,852.40   | Aaa AA      | 0.48           | 1.597         | 790              | 04/29/2024    | 2.131             |
| 3130AM5Q1                             | 127170       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,786,477.60  | 9,786,477.60   | Aaa AA      | 0.48           | 1.447         | 790              | 04/29/2024    | 2.134             |
| 3133ENCV0                             | 127303       | Federal Farm Credit Bank | 10,000,000.00 | 9,995,000.00  | 9,842,670.70  | 9,842,670.70   | Aaa AA      | 0.48           | 1.409         | 793              | 05/02/2024    | 2.137             |
| 31422XEG3                             | 127175       | Farmer Mac Coupon        | 6,000,000.00  | 6,000,000.00  | 5,858,332.86  | 5,858,332.86   | Aaa AA      | 0.29           | 1.509         | 794              | 05/03/2024    | 2.146             |
| 3133EMYR7                             | 127178       | Federal Farm Credit Bank | 10,000,000.00 | 10,000,000.00 | 9,750,487.70  | 9,750,487.70   | Aaa AA      | 0.48           | 1.543         | 797              | 05/06/2024    | 2.154             |
| 3130AM5C2                             | 127177       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,797,115.30  | 9,797,115.30   | Aaa AA      | 0.48           | 1.368         | 797              | 05/06/2024    | 2.154             |
| 31422XGD8                             | 127180       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,744,687.40  | 9,744,687.40   | Aaa AAA     | 0.48           | 1.564         | 798              | 05/07/2024    | 2.156             |
| 31422XPQ9                             | 127307       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,829,649.40  | 9,829,649.40   | Aaa AA      | 0.48           | 1.515         | 799              | 05/08/2024    | 2.152             |
| 3130AM6N7                             | 127181       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,786,326.80  | 9,786,326.80   | Aaa AA      | 0.48           | 1.368         | 801              | 05/10/2024    | 2.167             |
| 3130AMBZ4                             | 127183       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,786,681.30  | 9,786,681.30   | Aaa AA      | 0.48           | 1.373         | 808              | 05/17/2024    | 2.186             |
| 3130AMBW1                             | 127186       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,791,821.30  | 9,791,821.30   | Aaa AA      | 0.48           | 1.376         | 811              | 05/20/2024    | 2.193             |
| 3130AMDM1                             | 127187       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,779,448.90  | 9,779,448.90   | Aaa AA      | 0.48           | 1.438         | 815              | 05/24/2024    | 2.203             |
| 31422XGP1                             | 127188       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,871,438.00  | 4,871,438.00   | Aaa AA      | 0.24           | 1.524         | 817              | 05/26/2024    | 2.210             |
| 31422XQC9                             | 127321       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,917,696.70  | 4,917,696.70   | Aaa AA      | 0.24           | 1.529         | 820              | 05/29/2024    | 2.207             |
| 3130AMQR6                             | 127193       | Federal Home Loan Bank   | 7,555,000.00  | 7,555,000.00  | 7,381,355.96  | 7,381,355.96   | Aaa AA      | 0.36           | 1.384         | 829              | 06/07/2024    | 2.241             |
| 3130AMJ52                             | 127197       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,889,011.35  | 4,889,011.35   | Aaa AA      | 0.24           | 1.395         | 832              | 06/10/2024    | 2.248             |
| 3130AMND0                             | 127200       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,892,834.80  | 4,892,834.80   | Aaa AA      | 0.24           | 1.382         | 839              | 06/17/2024    | 2.267             |

Portfolio OAK  
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Run Date: 06/07/2022 - 11:00

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                   | Par Value     | Book Value    | Market Value  | Reported Value | Moody's S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|---------------|---------------|---------------|----------------|-------------|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |               |               |               |                |             |                |               |                  |               |                   |
| 31422XHZ8                             | 127202       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,891,953.80  | 4,891,953.80   | Aaa AA      | 0.24           | 1.398         | 850              | 06/28/2024    | 2.297             |
| 31422XJB9                             | 127201       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,881,013.00  | 4,881,013.00   | Aaa AA      | 0.24           | 1.546         | 850              | 06/28/2024    | 2.294             |
| 3133ELQ56                             | 127310       | Federal Farm Credit Bank | 10,000,000.00 | 9,984,000.00  | 9,748,518.00  | 9,748,518.00   | Aaa AA      | 0.48           | 1.672         | 854              | 07/02/2024    | 2.302             |
| 3133EMT51                             | 127237       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,856,503.40  | 4,856,503.40   | Aaa AA      | 0.24           | 1.653         | 871              | 07/19/2024    | 2.353             |
| 3133EMT51                             | 127214       | Federal Farm Credit Bank | 10,000,000.00 | 9,990,000.00  | 9,713,006.80  | 9,713,006.80   | Aaa AA      | 0.47           | 1.653         | 871              | 07/19/2024    | 2.353             |
| 3133EMV25                             | 127220       | Federal Farm Credit Bank | 5,000,000.00  | 5,011,000.00  | 4,869,831.75  | 4,869,831.75   | Aaa AA      | 0.24           | 1.562         | 875              | 07/23/2024    | 2.365             |
| 3133EM2U5                             | 127234       | Federal Farm Credit Bank | 5,794,000.00  | 5,794,000.00  | 5,644,444.17  | 5,644,444.17   | Aaa AA      | 0.28           | 1.530         | 902              | 08/19/2024    | 2.436             |
| 3133EM2X9                             | 127227       | Federal Farm Credit Bank | 5,000,000.00  | 5,000,000.00  | 4,876,609.70  | 4,876,609.70   | Aaa AA      | 0.24           | 1.483         | 902              | 08/19/2024    | 2.437             |
| 3133EM2U5                             | 127226       | Federal Farm Credit Bank | 25,000,000.00 | 24,987,500.00 | 24,354,695.25 | 24,354,695.25  | Aaa AA      | 1.19           | 1.530         | 902              | 08/19/2024    | 2.436             |
| 3130AMDT6                             | 127185       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,884,248.10  | 4,884,248.10   | Aaa AA      | 0.24           | 1.434         | 902              | 08/19/2024    | 2.434             |
| 3130AMCN0                             | 127189       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,771,066.80  | 9,771,066.80   | Aaa AA      | 0.48           | 1.441         | 909              | 08/26/2024    | 2.452             |
| 3133EL5S9                             | 127233       | Federal Farm Credit Bank | 15,000,000.00 | 15,000,000.00 | 14,572,788.75 | 14,572,788.75  | Aaa AA      | 0.71           | 1.645         | 917              | 09/03/2024    | 2.467             |
| 31422XMH2                             | 127231       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,854,320.10  | 4,854,320.10   | Aaa AA      | 0.24           | 1.591         | 917              | 09/03/2024    | 2.470             |
| 31422XMH2                             | 127232       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,854,320.10  | 4,854,320.10   | Aaa AA      | 0.24           | 1.591         | 917              | 09/03/2024    | 2.470             |
| 3133EM4K5                             | 127238       | Federal Farm Credit Bank | 7,725,000.00  | 7,725,000.00  | 7,497,812.77  | 7,497,812.77   | Aaa AA      | 0.37           | 1.635         | 923              | 09/09/2024    | 2.485             |
| 3130ANVA5                             | 127239       | Federal Home Loan Bank   | 5,925,000.00  | 5,925,000.00  | 5,756,499.28  | 5,756,499.28   | Aaa AA      | 0.28           | 1.655         | 924              | 09/10/2024    | 2.484             |
| 3130ANU65                             | 127240       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,727,770.40  | 9,727,770.40   | Aaa AA      | 0.48           | 1.581         | 927              | 09/13/2024    | 2.495             |
| 880591ER9                             | 127221       | Tenn Valley Authority    | 2,598,000.00  | 2,794,798.50  | 2,676,991.67  | 2,676,991.67   | Aaa AA      | 0.13           | 1.647         | 929              | 09/15/2024    | 2.416             |
| 3133EM5X6                             | 127257       | Federal Farm Credit Bank | 6,000,000.00  | 6,000,000.00  | 5,825,688.48  | 5,825,688.48   | Aaa AA      | 0.28           | 1.592         | 937              | 09/23/2024    | 2.524             |
| 31422XMJ8                             | 127261       | Farmer Mac Coupon        | 15,000,000.00 | 15,000,000.00 | 14,565,626.55 | 14,565,626.55  | Aaa AA      | 0.71           | 1.658         | 938              | 09/24/2024    | 2.523             |
| 31422XMU3                             | 127264       | Farmer Mac Coupon        | 10,000,000.00 | 10,000,000.00 | 9,711,540.30  | 9,711,540.30   | Aaa AA      | 0.47           | 1.609         | 941              | 09/27/2024    | 2.534             |
| 31422XMV1                             | 127273       | Farmer Mac Coupon        | 15,000,000.00 | 15,000,000.00 | 14,417,720.40 | 14,417,720.40  | Aaa AA      | 0.70           | 2.046         | 948              | 10/04/2024    | 2.546             |
| 31422XNQ1                             | 127275       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,866,770.10  | 4,866,770.10   | Aaa AA      | 0.24           | 1.614         | 948              | 10/04/2024    | 2.549             |
| 3130APAH8                             | 127281       | Federal Home Loan Bank   | 15,000,000.00 | 15,000,000.00 | 14,595,415.65 | 14,595,415.65  | Aaa AA      | 0.71           | 1.605         | 959              | 10/15/2024    | 2.580             |
| 3130ALWM2                             | 127158       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,872,528.30  | 4,872,528.30   | Aaa AA      | 0.24           | 1.597         | 959              | 10/15/2024    | 2.578             |
| 31422XNT5                             | 127283       | Farmer Mac Coupon        | 5,000,000.00  | 5,000,000.00  | 4,855,966.25  | 4,855,966.25   | Aaa AA      | 0.24           | 1.623         | 962              | 10/18/2024    | 2.590             |
| 3133ENBM1                             | 127290       | Federal Farm Credit Bank | 15,000,000.00 | 14,985,937.50 | 14,620,319.70 | 14,620,319.70  | Aaa AA      | 0.71           | 1.614         | 965              | 10/21/2024    | 2.594             |
| 3133ENBM1                             | 127289       | Federal Farm Credit Bank | 10,000,000.00 | 9,972,500.00  | 9,746,879.80  | 9,746,879.80   | Aaa AA      | 0.48           | 1.614         | 965              | 10/21/2024    | 2.594             |
| 3130APBN4                             | 127292       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,759,264.60  | 9,759,264.60   | Aaa AA      | 0.48           | 1.560         | 965              | 10/21/2024    | 2.595             |
| 3130APCW3                             | 127291       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,890,896.00  | 4,890,896.00   | Aaa AA      | 0.24           | 1.218         | 965              | 10/21/2024    | 2.602             |
| 3130APF59                             | 127301       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,759,731.40  | 9,759,731.40   | Aaa AA      | 0.48           | 1.221         | 972              | 10/28/2024    | 2.625             |
| 3130APJT3                             | 127300       | Federal Home Loan Bank   | 7,000,000.00  | 7,000,000.00  | 6,815,718.28  | 6,815,718.28   | Aaa AA      | 0.33           | 1.260         | 972              | 10/28/2024    | 2.620             |
| 3130APF59                             | 127297       | Federal Home Loan Bank   | 5,000,000.00  | 5,000,000.00  | 4,879,865.70  | 4,879,865.70   | Aaa AA      | 0.24           | 1.221         | 972              | 10/28/2024    | 2.625             |
| 3130APJ22                             | 127296       | Federal Home Loan Bank   | 10,000,000.00 | 10,000,000.00 | 9,741,402.40  | 9,741,402.40   | Aaa AA      | 0.48           | 1.659         | 972              | 10/28/2024    | 2.611             |

Portfolio OAK  
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Run Date: 06/07/2022 - 11:00

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                           | Investment # | Issuer                   | Par Value             | Book Value            | Market Value          | Reported Value        | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|---------------------------------------|--------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Federal Agency Issues - Coupon</b> |              |                          |                       |                       |                       |                       |         |     |                |               |                  |               |                   |
| 3130APK79                             | 127298       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,773,097.10          | 9,773,097.10          | Aaa     | AA  | 0.48           | 1.575         | 972              | 10/28/2024    | 2.610             |
| 31422XPC0                             | 127299       | Farmer Mac Coupon        | 6,000,000.00          | 6,000,000.00          | 5,864,778.06          | 5,864,778.06          | Aaa     | AA  | 0.29           | 1.630         | 972              | 10/28/2024    | 2.608             |
| 3130AM2N1                             | 127172       | Federal Home Loan Bank   | 5,000,000.00          | 5,000,000.00          | 4,874,764.70          | 4,874,764.70          | Aaa     | AA  | 0.24           | 1.336         | 973              | 10/29/2024    | 2.622             |
| 3130APLF0                             | 127308       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,789,220.70          | 9,789,220.70          | Aaa     | AA  | 0.48           | 1.595         | 983              | 11/08/2024    | 2.635             |
| 3130APLV5                             | 127309       | Federal Home Loan Bank   | 5,000,000.00          | 5,000,000.00          | 4,898,319.80          | 4,898,319.80          | Aaa     | AA  | 0.24           | 1.146         | 983              | 11/08/2024    | 2.646             |
| 3133ENDU1                             | 127314       | Federal Farm Credit Bank | 5,000,000.00          | 4,997,500.00          | 4,888,816.80          | 4,888,816.80          | Aaa     | AA  | 0.24           | 1.583         | 990              | 11/15/2024    | 2.656             |
| 3130APMP7                             | 127315       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,814,582.00          | 9,814,582.00          | Aaa     | AA  | 0.48           | 1.520         | 993              | 11/18/2024    | 2.663             |
| 3130APNB7                             | 127316       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,807,917.40          | 9,807,917.40          | Aaa     | AA  | 0.48           | 1.627         | 993              | 11/18/2024    | 2.658             |
| 3130APQ73                             | 127318       | Federal Home Loan Bank   | 5,000,000.00          | 5,000,000.00          | 4,920,828.40          | 4,920,828.40          | Aaa     | AA  | 0.24           | 1.596         | 997              | 11/22/2024    | 2.666             |
| 3133ENKQ2                             | 127330       | Federal Farm Credit Bank | 5,000,000.00          | 5,000,000.00          | 4,936,779.45          | 4,936,779.45          | Aaa     | AA  | 0.24           | 1.523         | 1,049            | 01/13/2025    | 2.805             |
| 31422XSU7                             | 127333       | Farmer Mac Coupon        | 5,000,000.00          | 5,000,000.00          | 4,932,792.00          | 4,932,792.00          | Aaa     | AA  | 0.24           | 1.682         | 1,050            | 01/14/2025    | 2.800             |
| 3133EMSC7                             | 127235       | Federal Farm Credit Bank | 14,750,000.00         | 14,713,125.00         | 14,215,427.40         | 14,215,427.40         | Aaa     | AA  | 0.69           | 1.723         | 1,098            | 03/03/2025    | 2.954             |
| 3133EM5V0                             | 127253       | Federal Farm Credit Bank | 5,000,000.00          | 4,996,250.00          | 4,822,680.15          | 4,822,680.15          | Aaa     | AA  | 0.24           | 1.757         | 1,116            | 03/21/2025    | 2.999             |
| 3133EMUP5                             | 127151       | Federal Farm Credit Bank | 10,000,000.00         | 10,000,000.00         | 9,683,951.70          | 9,683,951.70          | Aaa     | AA  | 0.47           | 1.768         | 1,127            | 04/01/2025    | 3.018             |
| 3133EMUP5                             | 127150       | Federal Farm Credit Bank | 10,000,000.00         | 10,000,000.00         | 9,683,951.70          | 9,683,951.70          | Aaa     | AA  | 0.47           | 1.768         | 1,127            | 04/01/2025    | 3.018             |
| 3133EMWH1                             | 127163       | Federal Farm Credit Bank | 10,000,000.00         | 10,000,000.00         | 9,698,678.90          | 9,698,678.90          | Aaa     | AA  | 0.47           | 1.700         | 1,147            | 04/21/2025    | 3.075             |
| 3133EMXS6                             | 127171       | Federal Farm Credit Bank | 5,000,000.00          | 4,997,750.00          | 4,844,303.15          | 4,844,303.15          | Aaa     | AA  | 0.24           | 1.738         | 1,154            | 04/28/2025    | 3.093             |
| 3130AMMC3                             | 127196       | Federal Home Loan Bank   | 6,000,000.00          | 6,000,000.00          | 5,815,312.80          | 5,815,312.80          | Aaa     | AA  | 0.28           | 1.773         | 1,196            | 06/09/2025    | 3.201             |
| 3133EM6P2                             | 127267       | Federal Farm Credit Bank | 10,000,000.00         | 9,993,000.00          | 9,625,311.20          | 9,625,311.20          | Aaa     | AA  | 0.47           | 1.786         | 1,308            | 09/29/2025    | 3.496             |
| 3135GA2A8                             | 127241       | Fannie Mae               | 3,200,000.00          | 3,185,600.00          | 3,069,138.43          | 3,069,138.43          | Aaa     | AA  | 0.15           | 1.739         | 1,337            | 10/28/2025    | 3.585             |
| 3130AL3F9                             | 127127       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,635,829.10          | 9,635,829.10          | Aaa     | AA  | 0.47           | 1.337         | 1,463            | 03/03/2026    | 3.928             |
| 3130ALTT1                             | 127146       | Federal Home Loan Bank   | 10,000,000.00         | 10,000,000.00         | 9,722,071.80          | 9,722,071.80          | Aaa     | AA  | 0.47           | 1.718         | 1,490            | 03/30/2026    | 3.955             |
| 3130ALPQ1                             | 127149       | Federal Home Loan Bank   | 5,000,000.00          | 5,000,000.00          | 4,881,383.45          | 4,881,383.45          | Aaa     | AA  | 0.24           | 1.096         | 1,490            | 03/30/2026    | 3.980             |
| 3130AMCL4                             | 127184       | Federal Home Loan Bank   | 5,000,000.00          | 5,000,000.00          | 4,813,330.50          | 4,813,330.50          | Aaa     | AA  | 0.24           | 1.947         | 1,540            | 05/19/2026    | 4.084             |
| 3133EMUQ3                             | 127148       | Federal Farm Credit Bank | 10,000,000.00         | 10,000,000.00         | 9,705,859.70          | 9,705,859.70          | Aaa     | AA  | 0.47           | 1.910         | 1,855            | 03/30/2027    | 4.856             |
| <b>Subtotal</b>                       |              |                          | <b>989,440,000.00</b> | <b>989,343,445.39</b> | <b>967,597,778.90</b> | <b>967,597,778.90</b> |         |     | <b>47.32</b>   | <b>1.488</b>  | <b>853</b>       |               | <b>2.297</b>      |
| <b>Treasury Notes</b>                 |              |                          |                       |                       |                       |                       |         |     |                |               |                  |               |                   |
| 9128282W9                             | 127332       | US Treasury Note         | 10,000,000.00         | 10,111,800.00         | 10,064,453.10         | 10,064,453.10         |         |     | 0.49           | 0.768         | 213              | 09/30/2022    | 0.575             |
| 912828YK0                             | 127331       | US Treasury Note         | 5,000,000.00          | 5,038,850.00          | 5,018,554.70          | 5,018,554.70          |         |     | 0.25           | 0.776         | 228              | 10/15/2022    | 0.618             |
| 91282CCU3                             | 127327       | US Treasury Note         | 10,000,000.00         | 9,902,700.00          | 9,823,046.90          | 9,823,046.90          |         |     | 0.48           | 1.320         | 548              | 08/31/2023    | 1.486             |
| 9128285D8                             | 127285       | US Treasury Note         | 10,000,000.00         | 10,489,000.00         | 10,237,109.40         | 10,237,109.40         |         |     | 0.50           | 1.357         | 578              | 09/30/2023    | 1.531             |
| 91282CAP6                             | 127286       | US Treasury Note         | 15,000,000.00         | 14,930,250.00         | 14,697,656.25         | 14,697,656.25         |         |     | 0.72           | 1.386         | 593              | 10/15/2023    | 1.610             |
| 91282CBE0                             | 127276       | US Treasury Note         | 5,500,000.00          | 5,472,225.00          | 5,364,863.30          | 5,364,863.30          |         |     | 0.26           | 1.460         | 685              | 01/15/2024    | 1.859             |

**Oakland County Treasurer**  
**GASB 40 Credit & Interest Rate Risk**  
**Sorted by InvestmentType**  
**Through 02/28/2022**

| Security ID                       | Investment # | Issuer                       | Par Value               | Book Value              | Market Value            | Reported Value        | Moody's | S&P | % of Portfolio | Current Yield | Days to Maturity | Maturity Date | Modified Duration |
|-----------------------------------|--------------|------------------------------|-------------------------|-------------------------|-------------------------|-----------------------|---------|-----|----------------|---------------|------------------|---------------|-------------------|
| <b>Treasury Notes</b>             |              |                              |                         |                         |                         |                       |         |     |                |               |                  |               |                   |
| 91282CBE0                         | 127325       | US Treasury Note             | 5,000,000.00            | 4,929,000.00            | 4,877,148.45            | 4,877,148.45          |         |     | 0.24           | 1.460         | 685              | 01/15/2024    | 1.859             |
| 912828V80                         | 127326       | US Treasury Note             | 5,000,000.00            | 5,143,500.00            | 5,075,390.60            | 5,075,390.60          |         |     | 0.25           | 1.451         | 701              | 01/31/2024    | 1.873             |
| 91282CCG4                         | 127280       | US Treasury Note             | 5,000,000.00            | 4,964,000.00            | 4,853,906.25            | 4,853,906.25          |         |     | 0.24           | 1.554         | 837              | 06/15/2024    | 2.266             |
| 91282CCL3                         | 127266       | US Treasury Note             | 10,000,000.00           | 9,976,000.00            | 9,726,171.90            | 9,726,171.90          |         |     | 0.47           | 1.555         | 867              | 07/15/2024    | 2.348             |
| 91282CCT6                         | 127263       | US Treasury Note             | 5,500,000.00            | 5,489,550.00            | 5,341,875.00            | 5,341,875.00          |         |     | 0.26           | 1.573         | 898              | 08/15/2024    | 2.432             |
| 912828YE4                         | 127219       | US Treasury Note             | 5,500,000.00            | 5,643,687.50            | 5,455,742.16            | 5,455,742.16          |         |     | 0.27           | 1.580         | 914              | 08/31/2024    | 2.447             |
| 91282CCX7                         | 127243       | US Treasury Note             | 15,000,000.00           | 14,971,800.00           | 14,545,898.40           | 14,545,898.40         | Aaa     | AAA | 0.71           | 1.596         | 929              | 09/15/2024    | 2.504             |
| 91282CCX7                         | 127262       | US Treasury Note             | 10,000,000.00           | 9,974,000.00            | 9,697,265.60            | 9,697,265.60          | Aaa     | AAA | 0.47           | 1.596         | 929              | 09/15/2024    | 2.504             |
| 912828YH7                         | 127265       | US Treasury Note             | 10,000,000.00           | 10,297,500.00           | 9,975,000.00            | 9,975,000.00          |         |     | 0.49           | 1.599         | 944              | 09/30/2024    | 2.507             |
| 9128282Y5                         | 127248       | US Treasury Note             | 5,500,000.00            | 5,779,950.00            | 5,573,906.25            | 5,573,906.25          |         |     | 0.27           | 1.592         | 944              | 09/30/2024    | 2.485             |
| 91282CDB4                         | 127287       | US Treasury Note             | 15,000,000.00           | 14,997,750.00           | 14,626,171.80           | 14,626,171.80         |         |     | 0.71           | 1.599         | 959              | 10/15/2024    | 2.578             |
| 91282CDB4                         | 127294       | US Treasury Note             | 20,000,000.00           | 19,926,600.00           | 19,501,562.40           | 19,501,562.40         |         |     | 0.95           | 1.599         | 959              | 10/15/2024    | 2.578             |
| 912828YM6                         | 127279       | US Treasury Note             | 5,500,000.00            | 5,649,050.00            | 5,484,746.08            | 5,484,746.08          |         |     | 0.27           | 1.607         | 975              | 10/31/2024    | 2.589             |
| 912828G38                         | 127313       | US Treasury Note             | 5,000,000.00            | 5,217,350.00            | 5,085,156.25            | 5,085,156.25          |         |     | 0.25           | 1.605         | 990              | 11/15/2024    | 2.604             |
| <b>Subtotal</b>                   |              |                              | <b>177,500,000.00</b>   | <b>178,904,562.50</b>   | <b>175,025,624.79</b>   | <b>175,025,624.79</b> |         |     | <b>8.55</b>    | <b>1.462</b>  | <b>779</b>       |               | <b>2.094</b>      |
| <b>MI Gov't Coupon</b>            |              |                              |                         |                         |                         |                       |         |     |                |               |                  |               |                   |
| 672411M69                         | 125911       | Oakland County Refunding     | 34,000,000.00           | 34,000,000.00           | 37,463,546.00           | 34,000,000.00         | Aaa     | AAA | 1.66           | 2.381         | 1,857            | 04/01/2027    | 4.494             |
| <b>Subtotal</b>                   |              |                              | <b>34,000,000.00</b>    | <b>34,000,000.00</b>    | <b>37,463,546.00</b>    | <b>34,000,000.00</b>  |         |     | <b>1.66</b>    | <b>2.381</b>  | <b>1,857</b>     |               | <b>4.494</b>      |
| <b>Passbook/Checking Accounts</b> |              |                              |                         |                         |                         |                       |         |     |                |               |                  |               |                   |
| 3310301                           | 127070       | CIBC                         | 7,522,266.22            | 7,522,266.22            | 7,522,266.22            | 7,522,266.22          |         |     | 0.37           | 0.150         | 1                |               | 0.000             |
| 4252473726                        | 123865       | PNC Bank                     | 2,025,443.45            | 2,025,443.45            | 2,025,443.45            | 2,025,443.45          |         |     | 0.10           | 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                | 1,103,687.70            | 1,103,687.70            | 1,103,687.70            | 1,103,687.70          |         |     | 0.05           | 0.150         | 1                |               | 0.000             |
| 2272S0094                         | 126751       | Michigan First Credit Union  | 100.00                  | 100.00                  | 100.00                  | 100.00                |         |     | 0.00           | 0.050         | 1                |               | 0.000             |
| 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 | 8,429,540.59            | 8,429,540.59            | 8,429,540.59            | 8,429,540.59          |         |     | 0.41           | 0.500         | 1                |               | 0.000             |
| 106179019832                      | 126138       | Lake Michigan Credit Union   | 481,691.68              | 481,691.68              | 481,691.68              | 481,691.68            |         |     | 0.02           | 2.180         | 1                |               | 0.000             |
| 11211082                          | 127069       | Horizon Bank                 | 1,001,369.56            | 1,001,369.56            | 1,001,369.56            | 1,001,369.56          |         |     | 0.05           | 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               | 11,611,853.19           | 11,611,853.19           | 11,611,853.19           | 11,611,853.19         |         |     | 0.57           | 0.700         | 1                |               | 0.000             |
| 122920590                         | 126831       | District Court int           | 18.49                   | 18.49                   | 18.49                   | 18.49                 |         |     | 0.00           | 0.900         | 1                |               | 0.000             |
| 850008                            | 127324       | Citizens State Bank          | 250,000.00              | 250,000.00              | 250,000.00              | 250,000.00            |         |     | 0.01           | 0.200         | 1                |               | 0.000 †           |
| <b>Subtotal</b>                   |              |                              | <b>32,435,970.88</b>    | <b>32,435,970.88</b>    | <b>32,435,970.88</b>    | <b>32,435,970.88</b>  |         |     | <b>1.58</b>    | <b>0.458</b>  | <b>1</b>         |               | <b>0.000 †</b>    |
| <b>Report Total</b>               |              |                              | <b>2,074,382,565.66</b> | <b>2,075,632,573.55</b> | <b>2,053,635,244.40</b> |                       |         |     | <b>100.13</b>  | <b>1.007</b>  | <b>565</b>       |               | <b>1.5086 †</b>   |

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

Portfolio OAK

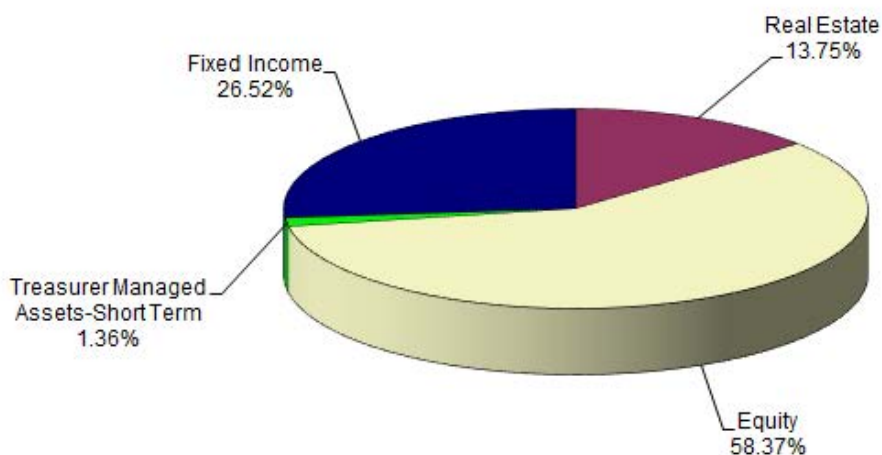
Oakland County  
Retirement System

**Oakland County Treasurer's Office**  
**Summary of All Investment Balances by Type**  
 Report as of February 28, 2022

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| Type                      | Current Original Cost          |
|---------------------------|--------------------------------|
| Retirement Equity & Fixed | 1,965,610,144.94               |
| Retirement Real Estate    | 318,320,337.77                 |
| Pool Portfolio            | 31,530,305.69                  |
| <b>GRAND TOTALS:</b>      | <b><u>2,315,460,788.40</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 February 28, 2022

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| 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                                             | 31,732,894.35                             |                                             |
|       |                                     | BlackRock IX LP                                 | 5,460,674.44                              |                                             |
|       |                                     | CS McKee - Fixed                                | 125,706,288.88                            |                                             |
|       |                                     | Franklin Templeton - Fixed                      | 0.00                                      |                                             |
|       |                                     | Great Lakes Advisor                             | 15,281,885.59                             |                                             |
|       |                                     | HIG Fund IV                                     | 3,975,763.00                              |                                             |
|       |                                     | JPMorgan Chase                                  | 0.00                                      |                                             |
|       |                                     | Lazard Asset Management                         | 34,945,968.50                             |                                             |
|       |                                     | Lee Munder                                      | 21,289,676.21                             |                                             |
|       |                                     | Loomis Sayles - Fixed                           | 61,425,827.67                             |                                             |
|       |                                     | Loomis Sayles Small Cap                         | 28,795,331.00                             |                                             |
|       |                                     | Munder Capital Management                       | 0.00                                      |                                             |
|       |                                     | Northern Trust                                  | 7,519,191.94                              |                                             |
|       |                                     | Nuance Investments                              | 14,566,916.71                             |                                             |
|       |                                     | PICTET International Equity Fu                  | 41,364,250.69                             |                                             |
|       |                                     | PIMCO MF                                        | 33,879,946.65                             |                                             |
|       |                                     | RBC Global Asset Management (U                  | 0.00                                      |                                             |
|       |                                     | Reinhart Partners                               | 19,823,026.12                             |                                             |
|       |                                     | SSGA Index Fund                                 | 62,025,533.45                             |                                             |
|       |                                     | Seizert Capital Partner, LLC                    | 0.00                                      |                                             |
|       |                                     | T. Rowe Price                                   | 78,276,821.33                             |                                             |
|       |                                     | Times Square Capital Managemen                  | 16,530,995.72                             |                                             |
|       |                                     | Wedge Capital Management                        | 0.00                                      |                                             |
|       |                                     | Wells Capital Management                        | 17,960,247.36                             |                                             |
|       |                                     | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | <b>620,561,239.61</b>                       |
|       | Retirement Real Estate              |                                                 |                                           |                                             |
|       |                                     | AEW PARTNERS RE VII                             | 4,427,111.17                              |                                             |
|       |                                     | Alidade Capital Fund IV, LP                     | 5,949,163.11                              |                                             |
|       |                                     | Churchill Middle Market                         | 4,206,851.37                              |                                             |
|       |                                     | DUNE REAL ESTATE                                | 1,895,780.00                              |                                             |
|       |                                     | Hamilton Lane Secondary Fund V                  | 6,641,283.33                              |                                             |
|       |                                     | JPMorgan European Property Fun                  | 68,938.97                                 |                                             |
|       |                                     | Marathon Distressed Credit                      | 8,472,963.00                              |                                             |
|       |                                     | Morgan Stanley Prime Fund                       | 46,190,106.41                             |                                             |
|       |                                     | PASF IV                                         | 5,659,244.00                              |                                             |
|       |                                     | Prudential -Prissa II                           | 23,896,716.04                             |                                             |
|       |                                     | ValStone                                        | 2,236,202.73                              |                                             |
|       |                                     | Walton Street Real Estate Fund                  | 3,186,902.38                              |                                             |
|       |                                     | <b>Totals for Retirement Real Estate</b>        |                                           | <b>112,831,262.51</b>                       |
|       |                                     | <b>Totals for Employees' Retirement System</b>  |                                           | <b>733,392,502.12</b>                       |
| 73200 | <b>VEBA Trust</b>                   |                                                 |                                           |                                             |
|       | Retirement Equity & Fixed           |                                                 |                                           |                                             |
|       |                                     | ABS                                             | 62,365,734.62                             |                                             |
|       |                                     | BlackRock IX LP                                 | 9,101,125.77                              |                                             |
|       |                                     | CS McKee - Fixed                                | 252,688,494.89                            |                                             |
|       |                                     | Franklin Templeton - Fixed                      | 102.24                                    |                                             |
|       |                                     | Great Lakes Advisor                             | 31,450,531.97                             |                                             |
|       |                                     | HIG Fund IV                                     | 7,383,561.00                              |                                             |
|       |                                     | JPMorgan Chase                                  | 0.00                                      |                                             |
|       |                                     | Lazard Asset Management                         | 78,995,844.60                             |                                             |
|       |                                     | Lee Munder                                      | 63,809,931.61                             |                                             |
|       |                                     | Loomis Sayles - Fixed                           | 140,998,654.29                            |                                             |
|       |                                     | Loomis Sayles Small Cap                         | 56,907,955.95                             |                                             |
|       |                                     | Munder Capital Management                       | 0.00                                      |                                             |
|       |                                     | Northern Trust                                  | 18,543,451.99                             |                                             |
|       |                                     | Nuance Investments                              | 26,618,346.53                             |                                             |
|       |                                     | PICTET International Equity Fu                  | 69,176,622.64                             |                                             |



**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 |
|----------------------|---------------------------|-------------------------------------------------|-------------------------------------------|---------------------------------------------|
|                      |                           | PIMCO MF                                        | 71,532,192.74                             |                                             |
|                      |                           | RBC Global Asset Management (U                  | 0.00                                      |                                             |
|                      |                           | Reinhart Partners                               | 34,004,968.49                             |                                             |
|                      |                           | SSGA Index Fund                                 | 174,703,124.46                            |                                             |
|                      |                           | Seizert Capital Partner, LLC                    | 0.00                                      |                                             |
|                      |                           | T. Rowe Price                                   | 155,056,666.43                            |                                             |
|                      |                           | Times Square Capital Managemen                  | 34,909,345.60                             |                                             |
|                      |                           | Wedge Capital Management                        | 0.00                                      |                                             |
|                      |                           | Wells Capital Management                        | 36,582,588.31                             |                                             |
|                      |                           | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | <b>1,324,829,244.13</b>                     |
|                      | Retirement Real Estate    |                                                 |                                           |                                             |
|                      |                           | AEW PARTNERS RE VII                             | 5,926,713.99                              |                                             |
|                      |                           | Alidade Capital Fund IV, LP                     | 3,569,489.83                              |                                             |
|                      |                           | Churchill Middle Market                         | 7,011,578.63                              |                                             |
|                      |                           | DUNE REAL ESTATE                                | 3,791,571.00                              |                                             |
|                      |                           | Hamilton Lane Secondary Fund V                  | 11,980,967.09                             |                                             |
|                      |                           | Macquarie European Infrastruct                  | 167,506.97                                |                                             |
|                      |                           | Macquarie Infrastructure Partn                  | 31,464.72                                 |                                             |
|                      |                           | Marathon Distressed Credit                      | 15,735,501.87                             |                                             |
|                      |                           | Morgan Stanley Prime Fund                       | 80,828,572.54                             |                                             |
|                      |                           | PASF IV                                         | 10,187,560.77                             |                                             |
|                      |                           | Prudential -Prissa II                           | 56,530,058.05                             |                                             |
|                      |                           | ValStone                                        | 3,354,281.48                              |                                             |
|                      |                           | Walton Street Real Estate Fund                  | 6,373,808.32                              |                                             |
|                      |                           | <b>Totals for Retirement Real Estate</b>        |                                           | <b>205,489,075.26</b>                       |
|                      |                           | <b>Totals for VEBA Trust</b>                    |                                           | <b>1,530,318,319.39</b>                     |
| 73310                | <b>Superseding Trust</b>  |                                                 |                                           |                                             |
|                      | Retirement Equity & Fixed |                                                 |                                           |                                             |
|                      |                           | CS McKee - Fixed                                | 7,150,305.74                              |                                             |
|                      |                           | JPMorgan Chase                                  | 0.00                                      |                                             |
|                      |                           | SSGA Index Fund                                 | 13,069,355.46                             |                                             |
|                      |                           | <b>Totals for Retirement Equity &amp; Fixed</b> |                                           | <b>20,219,661.20</b>                        |
|                      |                           | <b>Totals for Superseding Trust</b>             |                                           | <b>20,219,661.20</b>                        |
| <b>GRAND TOTALS:</b> |                           |                                                 |                                           | <b>2,283,930,482.71</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 | 26,983,885.10               |
| Pool Portfolio               | 64,924,878.19               |
| <b>GRAND TOTALS:</b>         | <b><u>91,908,763.29</u></b> |

**Road Commission  
for  
Oakland County**



**Investments by Type**



**Oakland County Treasurer's Office**  
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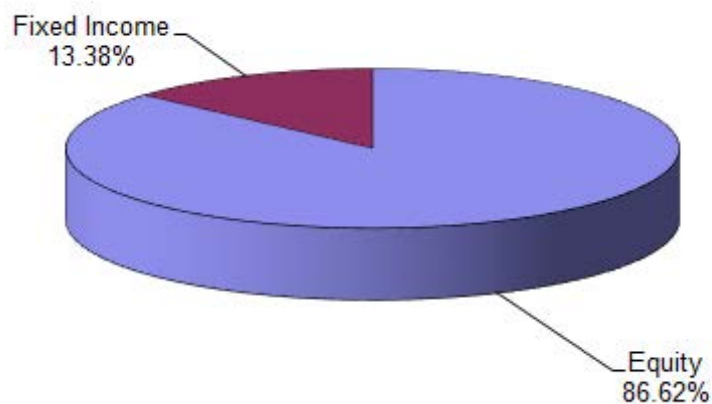
| Fund          | Type                                  | Issuer                                           | Current Original Cost<br>Issuer Subtotals | Current Original Cost<br>Type & Fund Totals |
|---------------|---------------------------------------|--------------------------------------------------|-------------------------------------------|---------------------------------------------|
| 95210         | <b>Road Commission Fund</b>           |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 10,387,197.70                             |                                             |
|               |                                       | Imprest Cash                                     | 2,800.00                                  |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | 10,389,997.70                               |
|               |                                       | <b>Totals for Road Commission Fund</b>           |                                           | 10,389,997.70                               |
| 95211         | <b>Road Commission Special Assmnt</b> |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Federated Investors                              | 10,034,002.12                             |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | 10,034,002.12                               |
|               |                                       | <b>Totals for Road Commission Special Assmnt</b> |                                           | 10,034,002.12                               |
| 95293         | <b>Road Commission Escrow</b>         |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 6,527,885.28                              |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | 6,527,885.28                                |
|               |                                       | <b>Totals for Road Commission Escrow</b>         |                                           | 6,527,885.28                                |
| 95295         | <b>Road Commission Risk Managemen</b> |                                                  |                                           |                                             |
|               | Governmental Investment Pool          |                                                  |                                           |                                             |
|               |                                       | Flagstar Bank                                    | 32,000.00                                 |                                             |
|               |                                       | <b>Totals for Governmental Investment Pool</b>   |                                           | 32,000.00                                   |
|               |                                       | <b>Totals for Road Commission Risk Managemen</b> |                                           | 32,000.00                                   |
| GRAND TOTALS: |                                       |                                                  |                                           | 26,983,885.10                               |

**Oakland County Treasurer's Office**  
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| Type                      | Current Original Cost |
|---------------------------|-----------------------|
| Retirement Equity & Fixed | 296,516,841.43        |
| <b>GRAND TOTALS:</b>      | <b>296,516,841.43</b> |

## Road Commission Retirement





**Oakland County Treasurer's Office**  
**Summary of Investments by Fund, Type, and Issuer**  
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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                      | 152,318,324.31                            |                                             |
|                      |                                       | Cumberland Advisors Inc fixed                    | 31,692,118.61                             |                                             |
|                      |                                       | Harding Loevner LP Intl                          | 17,133,245.85                             |                                             |
|                      |                                       | LS Investment Advisors LLC                       | 1,102.35                                  |                                             |
|                      |                                       | RE Principal Enhanced Proper                     | 21,913,843.32                             |                                             |
|                      |                                       | Receipt & Disburse Cash Acct                     | 2,155,985.37                              |                                             |
|                      |                                       | Rothschild Asset Management                      | 0.00                                      |                                             |
|                      |                                       | <b>Totals for Retirement Equity &amp; Fixed</b>  |                                           | <b>225,214,619.81</b>                       |
|                      |                                       | <b>Totals for Road Commission Retirement</b>     |                                           | <b>225,214,619.81</b>                       |
| 95235                | <b>Road Commission Retiree Health</b> |                                                  |                                           |                                             |
|                      | Retirement Equity & Fixed             |                                                  |                                           |                                             |
|                      |                                       | American Realty                                  | 4,250,266.74                              |                                             |
|                      |                                       | Cash Account                                     | 5,825,770.71                              |                                             |
|                      |                                       | Commingled Mutual Fund Acct                      | 42,877,423.00                             |                                             |
|                      |                                       | Garcia Hamilton & Associates                     | 13,239,185.43                             |                                             |
|                      |                                       | Harding Loevner LP Intl                          | 5,109,575.74                              |                                             |
|                      |                                       | <b>Totals for Retirement Equity &amp; Fixed</b>  |                                           | <b>71,302,221.62</b>                        |
|                      |                                       | <b>Totals for Road Commission Retiree Health</b> |                                           | <b>71,302,221.62</b>                        |
| <b>GRAND TOTALS:</b> |                                       |                                                  |                                           | <b>296,516,841.43</b>                       |