## BOARD OF HEALTH - FINANCE COMMITTEE

Agenda for June 19, 2023 at 11:00 AM

1. Call to Order
a. Opening ceremonies - Pledge Allegiance to the Flag of the United States of America
b. Roll Call
c. Approval of the Agenda*
2. Public Comment
3. New Business
a. FY23 Budget Amendment \#2*
b. FY24 Original Budget*
c. Sturgis Office Lease*
d. MERS Actuarial Report - Information only, there will be a presentation in July
4. Public Comment
5. Adjournment - Next meeting: July 17, 2023

Public Comment:
For the purpose of public participation during public hearings or during the public comment portion of a meeting, every speaker prior to the beginning of the meeting is requested but not required to provide the Board with his or her name, address and subject to be discussed. Speakers are requested to provide comments that are civil and respectful. Each speaker will be allowed to speak for no more than three (3) minutes at each public comment opportunity.

# BRANCH-HILLSDALE-ST.JOSEPH COMMUNITY HEALTH AGENCY 

FISCAL YEAR 2022-23

## Budget Amendment \#2

June 22, 2023


| Total Amended 2 Budget Revenues |  | $\mathbf{\$ , 4 7 1 , 0 9 1}$ |
| :--- | :--- | ---: |
| Total Amended 1 Budget Revenues |  | $\$ 8,997,422$ |
| Total Original Budget Revenues |  | $\$ 8,372,787$ |
| Difference |  | $\$$ |

TOTAL LOCAL DOLLARS TO AGENCY FY 2022-23

| BRANCH-HILLSDALE-ST. JOSEPH |  |  |  | L EXP |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COMMUNITY HEALTH AGENC |  |  |  |  |  |  |  |  |
| OCTOBER 2022-SEPTEMBER 2023 |  |  |  |  |  |  |  |  |
|  |  | $\begin{aligned} & \text { inal } \\ & \text { 2022-23 } \end{aligned}$ |  | $\begin{aligned} & \text { ded } 1 \\ & 2022-23 \end{aligned}$ |  | $\begin{aligned} & \text { led } 2 \\ & 022-23 \end{aligned}$ |  | RENCE |
|  | \$ | 8,372,787 | \$ | 8,997,422 | \$ | 9,471,091 |  | 473,669 |
| OTHER: |  |  |  |  |  |  |  |  |
| Salary/Fringe Payoff | \$ | 70,000 | \$ | 95,000 | \$ | 95,000 |  | 0 |
| Capital Improvements | \$ | 73,000 | \$ | 193,000 | \$ | 227,630 |  | 34,630 |
| MERS Pension Underfunded | \$ | 44,590 | \$ | 44,590 | \$ | 44,590 |  | 0 |
| Dental Clinic - St. Joseph Co. | \$ | 53,310 | \$ | 43,740 | \$ | 43,740 |  | 0 |
| Dental Clinic - Hillsdale Co. | \$ | 14,000 | \$ | 14,000 | \$ | 14,000 |  | 0 |
| CSHCS Donations - SJ | \$ | - | \$ | 32,412 | \$ | 32,412 |  | 0 |
| CSHCS Donations - BR/HD | \$ | - | \$ | 27,765 | \$ | 27,765 |  | 0 |
| TOTAL OTHER | \$ | 254,900 | \$ | 450,507 | \$ | 485,137 | \$ | 34,630 |
| CORE SUPPORT SERVICES: |  |  |  |  |  |  |  |  |
| General Administration | \$ | 28,490 | \$ | 76,942 | \$ | 112,002 |  | 35,060 |
| Area Agency on Aging | \$ | 1,340,379 | \$ | 1,459,572 | \$ | 1,549,421 |  | 89,849 |
| VOCA | \$ | 205,743 | \$ | 205,743 | \$ | 205,743 |  | 0 |
| Emergency Preparedness | \$ | 164,450 | \$ | 169,619 | \$ | 180,218 |  | 10,599 |
| TOTAL CORE SUPPORT | \$ | 1,739,062 | \$ | 1,911,876 | \$ | 2,047,384 | \$ | 135,508 |
| PREVENTION SERVICES: |  |  |  |  |  |  |  |  |
| Medicaid Outreach | \$ | 21,292 | \$ | 14,202 | \$ | 11,188 |  | $(3,014)$ |
| WIC - Breastfeeding | \$ | 129,305 | \$ | 127,979 | \$ | 133,633 |  | 5,654 |
| WIC - Women, Infants, \& Children | \$ | 1,040,439 | \$ | 1,072,171 | \$ | 1,100,203 |  | 28,032 |
| CSHCS Medicaid Outreach | \$ | 89,427 | \$ | 112,254 | \$ | 112,603 |  | 349 |
| MCH Enabling Women | \$ | 55,796 | \$ | 47,664 | \$ | 46,940 |  | (724) |
| Dental Outreach | \$ | 23,552 | \$ | 14,423 | \$ | 16,880 |  | 2,457 |
| Immunization Clinics | \$ | 829,035 | \$ | 857,133 | \$ | 872,405 |  | 15,272 |
| Immunization/Vaccine Handling | \$ | 304,787 | \$ | 291,551 | \$ | 289,805 |  | $(1,746)$ |
| Children's Special Health Care Services | \$ | 186,729 | \$ | 188,729 | \$ | 190,729 |  | 2,000 |
| School Vision \& Hearing Clinics | \$ | 208,765 | \$ | 205,453 | \$ | 196,493 |  | $(8,960)$ |
| MCH Enabling Children | \$ | 43,828 | \$ | 48,551 | \$ | 48,158 |  | (393) |
| STD Prevention \& Control | \$ | 146,080 | \$ | 140,077 | \$ | 128,424 |  | $(11,653)$ |
| HIV Prevention \& Control | \$ | 37,460 | \$ | 31,480 | \$ | 27,136 |  | $(4,344)$ |
| Infectious Disease | \$ | 295,888 | \$ | 282,780 | \$ | 278,111 |  | $(4,669)$ |
| Lead Testing | \$ | 26,009 | \$ | 23,852 | \$ | 26,718 |  | 2,866 |
| Epi Lab Contact Tracing, CI, TC, VM, WA ¢ | \$ | 606,800 | \$ | 606,617 | \$ | 606,578 |  | (39) |
| COVID PH Workforce Development | \$ | 172,753 | \$ | 172,904 | \$ | 331,742 |  | 158,838 |
| CDC COVID-19 Immz | \$ | 292,697 | \$ | 156,496 | \$ | 214,940 |  | 58,444 |
| CSHCS Vaccine | \$ | 14,074 | \$ | 14,213 | \$ | 14,328 |  | 115 |
| AAA Expand Vaccine to Adults | \$ |  | \$ | 14,080 | \$ | 13,965 |  | (115) |
| AAA COVID Immz Support | \$ | 15,950 | \$ | 31,259 | \$ | 46,686 |  | 15,427 |
| Monkeypox Virus Response | \$ | - | \$ | 15,095 | \$ | 15,333 |  | 238 |
| TOTAL PREVENTION | \$ | 4,540,666 | \$ | 4,468,963 | \$ | 4,722,998 | \$ | 254,035 |
| HEALTH PROMOTION: |  |  |  |  |  |  |  |  |
| Workforce Development | \$ | 56,863 | \$ | 57,798 | \$ | 56,666 |  | $(1,132)$ |
| Car seat | \$ | 25,383 | \$ | 26,983 | \$ | 22,793 |  | $(4,190)$ |
| Community Stabilization (Marketing) | \$ | 88,888 | \$ | 98,198 | \$ | 85,730 |  | $(12,468)$ |
| Community Health Services | \$ | - | \$ | 125,000 | \$ | 110,000 |  | $(15,000)$ |
| MI Center Rural Health | \$ | 205,368 | \$ | 291,777 | \$ | 291,890 |  | 113 |
| Medical Marihuana BR | \$ | - |  |  | \$ | 20,457 |  | 20,457 |
| Medical Marihuana HD | \$ | - |  |  | \$ | 11,672 |  | 11,672 |
| Medical Marihuana SJ | \$ | - |  |  | \$ | 7,756 |  | 7,756 |
| Grant Writing | \$ | 11,485 | \$ | 3,718 | \$ | 2,615 |  | $(1,103)$ |
| TOTAL HEALTH PROMOTION | \$ | 421,347 | \$ | 603,474 | \$ | 609,579 | \$ | 6,105 |
| ENVIRONMENTAL HEALTH PROTECTION |  |  |  |  |  |  |  |  |
| Vector Borne | \$ | 32,837 | \$ | 34,018 | \$ | 33,421 |  | (597) |
| General Environmental Health | \$ | 38,839 | \$ | 39,010 | \$ | 12,168 |  | $(26,842)$ |
| Food Protection | \$ | 508,151 | \$ | 527,317 | \$ | 540,397 |  | 13,080 |
| Onsite Sewage | \$ | 368,969 | \$ | 370,596 | \$ | 378,287 |  | 7,691 |
| Drinking Water Supply | \$ | 368,969 | \$ | 370,596 | \$ | 378,287 |  | 7,691 |
| EGLE LT Monitoring | \$ | - | \$ | - | \$ | 3,482 |  | 3,482 |
| EGLE Campground | \$ | - | \$ | - | \$ | 18,359 |  | 18,359 |
| EGLE Swimming | \$ | - | \$ | - | \$ | 14,627 |  | 14,627 |
| EGLE Septage | \$ | - | \$ | - | \$ | 6,328 |  | 6,328 |
| Body Art | \$ | - | \$ | - | \$ | 5,570 |  | 5,570 |
| PFAS - Lear Siegler | \$ | - | \$ | 1,371 | \$ | 1,415 |  | 44 |
| PFAS - White Pigeon | \$ |  | \$ | 8,065 | \$ | 8,079 |  | 14 |
| PFAS - Westside Landfill | \$ | - | \$ | 3,101 | \$ | 2,687 |  | (414) |
| Type II Water | \$ | 99,047 | \$ | 208,528 | \$ | 202,886 |  | $(5,642)$ |
| TOTAL ENVIRONMENTAL HEALTH | \$ | 1,416,812 | \$ | 1,562,602 | \$ | 1,605,993 | \$ | 43,391 |

for
Comprehensive Local Health Services

for
Comprehensive Local Health Services

for
Comprehensive Local Health Services

for
Comprehensive Local Health Services


## Annual Budget <br> for

Comprehensive Local Health Services


## Annual Budget

for
Comprehensive Local Health Services

for
Comprehensive Local Health Services

for
Comprehensive Local Health Services



790,027.25 Agency FY County Approp.
0.00 Under (OVER) County FY Allocations

# BRANCH-HILLSDALE-ST.JOSEPH COMMUNITY HEALTH AGENCY 

FISCAL YEAR 2023-24

## Original Budget

June 22, 2023

| BRANCH-HILLSDALE-ST. JOSEPH COMMUNITY HEALTH AGENCY OCTOBER 2023- SEPTEMBER 2024 Original - 6/22/2023 |  | TOTAL REVENUES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | STATE/FED |  | ELPHS |  | COUNTY <br> APPROP |  | FEES OTHER |  | Original <br> BUDGET |  | DIFFERENCE |  | AMENDED 2 BUDGET |  |
|  |  | \$ | 5,111,340 | \$ | 1,061,220 | \$ | 790,027 | \$ | 1,648,540 | \$ | 8,611,127 | \$ | $(859,964)$ | \$ | 9,471,091 |
|  |  |  | 59.4\% |  | 12.3\% |  | 9.2\% |  | 19.1\% |  |  |  |  |  |  |
| OTHER: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Salary/Fringe Payoff | 008 |  |  |  |  |  |  | \$ | 80,000 | \$ | 80,000 | \$ | $(15,000)$ | \$ | 95,000 |
| Capital Improvements | 023 | \$ | - | \$ | - | \$ | 85,000 | \$ |  | \$ | 85,000 |  | (\$142,630.00) | \$ | 227,630 |
| MERS Pension Underfunded | 024 |  |  |  |  | \$ | 22,590 | \$ | 22,000 | \$ | 44,590 |  | \$0.00 | \$ | 44,590 |
| Dental Clinic - St. Joseph Co. | 021 | \$ | - | \$ | - | \$ | - | \$ | 43,740 | \$ | 43,740 |  | \$0.00 | \$ | 43,740 |
| Dental Clinic - Hillsdale Co. | 029 | \$ | - | \$ | - | \$ | - | \$ | 14,000 | \$ | 14,000 |  | \$0.00 | \$ | 14,000 |
| CSHCS Dontations - SJ | 096 |  |  |  |  |  |  | \$ | 35,864 | \$ | 35,864 |  | \$3,452.00 | \$ | 32,412 |
| CSHCS Dontations - BR/HD | 097 |  |  |  |  |  |  | \$ | 25,346 | \$ | 25,346 |  | (\$2,419.00) | \$ | 27,765 |
| TOTAL OTHER |  | \$ | - | \$ | - | \$ | 107,590 | \$ | 220,950 | \$ | 328,540 | \$ | $(156,597)$ | \$ | 485,137 |
| CORE SUPPORT SERVICES: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General Administration | 010 | \$ | - | \$ | - | \$ |  | \$ | 112,002 | \$ | 112,002 |  | \$0.00 | \$ | 112,002 |
| Area Agency on Aging | 012 | \$ | 1,278,891 | \$ | - | \$ |  | \$ | 91,152 | \$ | 1,370,043 |  | (\$179,378.00) | \$ | 1,549,421 |
| VOCA | 014 | \$ | 205,743 | \$ | - | \$ | - |  |  | \$ | 205,743 |  | \$0.00 | \$ | 205,743 |
| Emergency Preparedness | 032 | \$ | 130,932 | \$ | - | \$ | 32,183 |  |  | \$ | 163,115 |  | (\$17,103.00) | \$ | 180,218 |
| TOTAL CORE SUPPORT |  | \$ | 1,615,566 | \$ | - | \$ | 32,183 | \$ | 203,154 | \$ | 1,850,903 |  | (\$196,481.00) | \$ | 2,047,384 |
| PREVENTION SERVICES: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Medicaid Outreach | 107 | \$ | 5,600 | \$ |  | \$ | 5,600 |  |  | \$ | 11,200 |  | \$12.00 | \$ | 11,188 |
| WIC Breastfeeding | 108 | \$ | 89,014 | \$ | - | \$ | 49,683 | \$ |  | \$ | 138,697 |  | \$5,064.00 | \$ | 133,633 |
| WIC - Women, Infants, \& Chi | 109 | \$ | 908,156 | \$ |  | \$ | 159,508 | \$ | 48,000 | \$ | 1,115,664 |  | \$15,461.00 | \$ | 1,100,203 |
| CSHCS Medicaid Outreach | 112 | \$ | 39,867 | \$ |  | \$ | 72,009 |  |  | \$ | 111,876 |  | (\$727.00) | \$ | 112,603 |
| MCH Enabling Women | 115 | \$ | 46,800 | \$ | - | \$ | 43 | \$ | - | \$ | 46,843 |  | (\$97.00) | \$ | 46,940 |
| Immunization IAP | 138 | \$ | 790,488 | \$ | - | \$ | - | \$ | 113,600 | \$ | 904,088 |  | \$31,683.00 | \$ | 872,405 |
| Dental Outreach | 185 |  |  |  |  |  |  | \$ | 18,195 | \$ | 18,195 |  | \$1,315.00 | \$ | 16,880 |
| Children's Special Health Car | 325 | \$ | 190,729 | \$ | - |  |  | \$ | - | \$ | 190,729 |  | \$0.00 | \$ | 190,729 |
| School Vision | 326 | \$ | 38,000 | \$ | 48,509 | \$ | 12,051 | \$ | 14,000 | \$ | 112,560 |  | \$12,835.00 | \$ | 99,725 |
| School Hearing | 327 | \$ | 38,000 | \$ | 48,509 | + | 10,826 | \$ | 14,000 | \$ | 111,335 |  | \$14,567.00 | \$ | 96,768 |
| MCH Enabling Children | 329 | \$ | 47,609 | \$ | - |  | - | \$ | - | \$ | 47,609 |  | (\$549.00) | \$ | 48,158 |
| STD Prevention \& Control | 331 | \$ | - | \$ | 98,026 | \$ | 35,999 | \$ | 800 | \$ | 134,825 |  | \$6,401.00 | \$ | 128,424 |
| HIV Prevention \& Control | 332 | \$ | 20,000 | \$ |  | \$ | 9,088 | \$ |  | - | 29,088 |  | \$1,952.00 | \$ | 27,136 |
| Immunization Vaccine Handli | 338 | \$ | 39,814 | \$ | 165,117 | \$ | 338 | \$ | 88,460 | \$ | 293,729 |  | \$3,924.00 | \$ | 289,805 |
| Infectious Disease | 341 | \$ | 446 | \$ | 196,652 | \$ | 6,136 | \$ | 69,500 | \$ | 272,734 |  | (\$5,377.00) | \$ | 278,111 |
| Lead Testing | 345 | \$ | 8,000 | \$ |  | \$ | 13,509 | \$ | 3,000 | \$ | 24,509 |  | (\$2,209.00) | \$ | 26,718 |
| Epi Lab Contact Tracing, CI, | 352 | \$ | 505,079 |  |  | \$ | 1,013 |  |  |  | 506,092 |  | (\$100,486.00) | \$ | 606,578 |
| COVID PH Workforce Devel | 355 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$331,742.00) | \$ | 331,742 |
| CDC COVID Immz | 363 | \$ | 214,332 |  |  | \$ | 565 |  |  | \$ | 214,897 |  | (\$43.00) | + | 214,940 |
| CSHCS Vaccine | 371 | \$ | 7,520 |  |  | \$ | 476 |  |  | \$ | 7,996 |  | (\$6,332.00) | + | 14,328 |
| AAA Expand Vaccine to Adı | 374 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$13,965.00) | \$ | 13,965 |
| AAA COVID Immz Support | 375 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$46,686.00) | \$ | 46,686 |
| Monkeypox Response | 378 | \$ | - |  |  | \$ | - |  |  | \$ | - | \$ | $(15,333)$ |  | 15,333 |
| TOTAL PREVENTION |  | \$ | 2,989,454 | \$ | 556,813 | \$ | 376,844 | \$ | 369,555 | \$ | 4,292,666 |  | (\$430,332.00) | S | 4,722,998 |
| HEALTH PROMOTION: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Workforce Development | 101 | \$ | 48,535 | \$ | - | \$ | 8,103 | \$ | - | \$ | 56,638 |  | (\$28.00) | \$ | 56,666 |
| Car seat | 201 | \$ | - |  |  | \$ | 27,273 | \$ | - | \$ | 27,273 |  | \$4,480.00 | \$ | 22,793 |
| Community Stabilization (Me | 200 | \$ | - |  |  | \$ | - | \$ | 97,163 | \$ | 97,163 |  | \$11,433.00 | \$ | 85,730 |
| MI Center Rural Health | 207 | \$ | 186,554 |  |  | \$ | 743 |  |  | \$ | 187,297 |  | (\$104,593.00) | \$ | 291,890 |
| Community Health Services | 255 | \$ | - |  |  |  |  | \$ | 115,000 | \$ | 115,000 |  | \$5,000.00 | \$ | 110,000 |
| Medical Marihuana BR | 212 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$20,457.00) | \$ | 20,457 |
| Medical Marihuana HD | 230 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$11,672.00) | \$ | 11,672 |
| Medical Marihuana SJ | 275 | \$ | - |  |  | \$ | - |  |  | \$ | - |  | (\$7,756.00) | \$ | 7,756 |
| Grant Writing | 405 | \$ | - |  |  | \$ | 3,845 |  |  | \$ | 3,845 |  | \$1,230.00 | \$ | 2,615 |
| TOTAL HEALTH PROMOTION |  | \$ | 235,089 | \$ | - | \$ | 39,964 | \$ | 212,163 | \$ | 487,216 |  | (\$122,363.00) | S | 609,579 |
| ENVIRONMENTAL HEALTH PROTECTION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vector Borne Disease Surveil | 035 | \$ | 27,000 | \$ | - | \$ | 6,304 |  |  | \$ | 33,304 |  | (\$117.00) | \$ | 33,421 |
| General Environmental Healt | 605 | \$ | - | \$ | - | \$ | 172,072 | \$ | 1,000 | \$ | 173,072 |  | \$160,904.00 | \$ | 12,168 |
| Food Protection | 704 | \$ | - | \$ | 159,151 | \$ | 40,508 | \$ | 344,000 | \$ | 543,659 |  | \$3,262.00 | \$ | 540,397 |
| Onsite Sewage | 714 | \$ | 12,000 | \$ | 172,628 | \$ | 5,909 | \$ | 124,000 | \$ | 314,537 |  | (\$63,750.00) | \$ | 378,287 |
| EGLE LT Monitoring | 715 | \$ | 3,480 |  |  | \$ | 374 |  |  | \$ | 3,854 |  | \$372.00 | \$ | 3,482 |
| EGLE Campground | 716 | \$ | 4,600 |  |  | \$ | 310 | \$ | 13,750 | \$ | 18,660 |  | \$301.00 | \$ | 18,359 |
| EGLE Swimming | 717 | \$ | 4,620 |  |  | \$ | 1,596 | \$ | 10,000 | \$ | 16,216 |  | \$1,589.00 | \$ | 14,627 |
| EGLE Septage | 718 | \$ | 3,120 |  |  | \$ | 3,163 | \$ | 3,200 | \$ | 9,483 |  | \$3,155.00 | \$ | 6,328 |
| Body Art | 719 | \$ | 4,800 |  |  | \$ | 181 | \$ | 768 | \$ | 5,749 |  | \$179.00 | \$ | 5,570 |
| Drinking Water Supply | 721 | \$ | - | \$ | 172,628 | \$ | 767 | \$ | 146,000 | \$ | 319,395 |  | (\$58,892.00) | \$ | 378,287 |
| PFAS - Lear Siegler | 722 | \$ | 1,329 | \$ | - | \$ | 31 | \$ | - | \$ | 1,360 |  | (\$55.00) | \$ | 1,415 |
| PFAS - White Pigeon | 723 | \$ | 8,042 | \$ | - | \$ | 7 | \$ | - | \$ | 8,049 |  | (\$30.00) | \$ | 8,079 |
| PFAS - Westside Landfill | 724 | \$ | - |  |  | \$ | 1,535 |  |  | \$ | 1,535 |  | (\$1,152.00) | \$ | 2,687 |
| Type II Water | 745 | \$ | 202,240 | \$ | - | \$ | 689 | \$ | - | \$ | 202,929 |  | \$43.00 | \$ | 202,886 |
| TOTAL ENVIRONMENTAL HEALTH |  | \$ | 271,231 | \$ | 504,407 | \$ | 233,446 | \$ | 642,718 | \$ | 1,651,802 | \$ | 45,809 | \$ | 1,605,993 |


| Total Original Budget Revenues | \$,611,127 <br> Total Amended 2 Budget Revenues | (8,611,127.00) <br> Difference |
| :--- | :--- | :--- |
|  | 9,471,091 <br> $(859,964)$ |  |


| BRANCH-HILLSDALE-ST. JOSEPH COMMUNITY HEALTH AGENCY OCTOBER 2023- SEPTEMBER 2024 Original Budget | TOTAL EXPENSES |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  | Amended 1 Budget 2022-23 |  |  |  |  |  |  |  |
|  |  |  | Amended 2 Budget 2022-23 |  | Original <br> Budget 2023-24 |  | DIFFERENCE |  |
|  | \$ | 8,997,422 | \$ | 9,471,091 | \$ | 8,611,127 |  | (859,964) |
| OTHER: |  |  |  |  |  |  |  |  |
| Salary/Fringe Payoff | \$ | 95,000 | \$ | 95,000 | \$ | 80,000 |  | $(15,000)$ |
| Capital Improvements | \$ | 193,000 | \$ | 227,630 | \$ | 85,000 |  | $(142,630)$ |
| MERS Pension Underfunded | \$ | 44,590 | \$ | 44,590 | \$ | 44,590 |  | 0 |
| Dental Clinic - St. Joseph Co. | \$ | 43,740 | \$ | 43,740 | \$ | 43,740 |  | 0 |
| Dental Clinic - Hillsdale Co. | \$ | 14,000 | \$ | 14,000 | \$ | 14,000 |  | 0 |
| CSHCS Donations - SJ | \$ | 32,412 | \$ | 32,412 | \$ | 35,864 |  | 3,452 |
| CSHCS Donations - BR/HD | \$ | 27,765 | \$ | 27,765 | \$ | 25,346 |  | $(2,419)$ |
| TOTAL OTHER | \$ | 450,507 | \$ | 485,137 | \$ | 328,540 | \$ | $(156,597)$ |
| CORE SUPPORT SERVICES: |  |  |  |  |  |  |  |  |
| General Administration | \$ | 76,942 | \$ | 112,002 | \$ | 112,002 |  | 0 |
| Area Agency on Aging | \$ | 1,459,572 | \$ | 1,549,421 | \$ | 1,370,043 |  | $(179,378)$ |
| VOCA | \$ | 205,743 | \$ | 205,743 | \$ | 205,743 |  | 0 |
| Emergency Preparedness | \$ | 169,619 | \$ | 180,218 | \$ | 163,115 |  | $(17,103)$ |
| TOTAL CORE SUPPORT | \$ | 1,911,876 | \$ | 2,047,384 | \$ | 1,850,903 | \$ | $(196,481)$ |
| PREVENTION SERVICES: |  |  |  |  |  |  |  |  |
| Medicaid Outreach | \$ | 14,202 | \$ | 11,188 | \$ | 11,200 |  | 12 |
| WIC - Breastfeeding | \$ | 127,979 | \$ | 133,633 | \$ | 138,697 |  | 5,064 |
| WIC - Women, Infants, \& Children | \$ | 1,072,171 | \$ | 1,100,203 | \$ | 1,115,664 |  | 15,461 |
| CSHCS Medicaid Outreach | \$ | 112,254 | \$ | 112,603 | \$ | 111,876 |  | (727) |
| MCH Enabling Women | \$ | 47,664 | \$ | 46,940 | \$ | 46,843 |  | (97) |
| Dental Outreach | \$ | 14,423 | \$ | 16,880 | \$ | 18,195 |  | 1,315 |
| Immunization Clinics | \$ | 857,133 | \$ | 872,405 | \$ | 904,088 |  | 31,683 |
| Immunization/Vaccine Handling | \$ | 291,551 | \$ | 289,805 | \$ | 293,729 |  | 3,924 |
| Children's Special Health Care Services | \$ | 188,729 | \$ | 190,729 | \$ | 190,729 |  | 0 |
| School Vision \& Hearing Clinics | \$ | 205,453 | \$ | 196,493 | \$ | 223,895 |  | 27,402 |
| MCH Enabling Children | \$ | 48,551 | \$ | 48,158 | \$ | 47,609 |  | (549) |
| STD Prevention \& Control | \$ | 140,077 | \$ | 128,424 | \$ | 134,825 |  | 6,401 |
| HIV Prevention \& Control | \$ | 31,480 | \$ | 27,136 | \$ | 29,088 |  | 1,952 |
| Infectious Disease | \$ | 282,780 | \$ | 278,111 | \$ | 272,734 |  | $(5,377)$ |
| Lead Testing | \$ | 23,852 | \$ | 26,718 | \$ | 24,509 |  | $(2,209)$ |
| Epi Lab Contact Tracing, CI, TC, VM, WA ¢ | \$ | 606,617 | \$ | 606,578 | \$ | 506,092 |  | $(100,486)$ |
| COVID PH Workforce Development | \$ | 172,904 | \$ | 331,742 | \$ | - |  | $(331,742)$ |
| CDC COVID-19 Immz | \$ | 156,496 | \$ | 214,940 | \$ | 214,897 |  | (43) |
| CSHCS Vaccine | \$ | 14,213 | \$ | 14,328 | \$ | 7,996 |  | $(6,332)$ |
| AAA Expand Vaccine to Adults | \$ | 14,080 | \$ | 13,965 | \$ | - |  | $(13,965)$ |
| AAA COVID Immz Support | \$ | 31,259 | \$ | 46,686 | \$ | - |  | $(46,686)$ |
| Monkeypox Virus Response | \$ | 15,095 | \$ | 15,333 | \$ | - |  | $(15,333)$ |
| TOTAL PREVENTION | \$ | 4,468,963 | \$ | 4,722,998 | \$ | 4,292,666 | \$ | $(430,332)$ |
|  |  |  |  |  |  |  |  |  |
| HEALTH PROMOTION: |  |  |  |  |  |  |  |  |
| Workforce Development | \$ | 57,798 | \$ | 56,666 | \$ | 56,638 |  | (28) |
| Car seat | \$ | 26,983 | \$ | 22,793 | \$ | 27,273 |  | 4,480 |
| Community Stabilization (Marketing) | \$ | 98,198 | \$ | 85,730 | \$ | 97,163 |  | 11,433 |
| Community Health Services | \$ | 125,000 | \$ | 110,000 | \$ | 115,000 |  | 5,000 |
| MI Center Rural Health | \$ | 291,777 | \$ | 291,890 | \$ | 187,297 |  | $(104,593)$ |
| Medical Marihuana BR |  |  | \$ | 20,457 | \$ | - |  | $(20,457)$ |
| Medical Marihuana HD |  |  | \$ | 11,672 | \$ | - |  | $(11,672)$ |
| Medical Marihuana SJ |  |  | \$ | 7,756 | \$ | - |  | $(7,756)$ |
| Grant Writing | \$ | 3,718 | \$ | 2,615 | \$ | 3,845 |  | 1,230 |
| TOTAL HEALTH PROMOTION | \$ | 603,474 | \$ | 609,579 | \$ | 487,216 | \$ | $(122,363)$ |
|  |  |  |  |  |  |  |  |  |
| ENVIRONMENTAL HEALTH PROTECTION |  |  |  |  |  |  |  |  |
| Vector Borne | \$ | 34,018 | \$ | 33,421 | \$ | 33,304 |  | (117) |
| General Environmental Health | \$ | 39,010 | \$ | 12,168 | \$ | 173,072 |  | 160,904 |
| Food Protection | \$ | 527,317 | \$ | 540,397 | \$ | 543,659 |  | 3,262 |
| Onsite Sewage | \$ | 370,596 | \$ | 378,287 | \$ | 314,537 |  | $(63,750)$ |
| Drinking Water Supply | \$ | 370,596 | \$ | 378,287 | \$ | 3,854 |  | $(374,433)$ |
| EGLE LT Monitoring | \$ | - | \$ | 3,482 | \$ | 18,660 |  | 15,178 |
| EGLE Campground | \$ | - | \$ | 18,359 | \$ | 16,216 |  | $(2,143)$ |
| EGLE Swimming | \$ | - | \$ | 14,627 | \$ | 9,483 |  | $(5,144)$ |
| EGLE Septage | \$ | - | \$ | 6,328 | \$ | 5,749 |  | (579) |
| Body Art | \$ | - | \$ | 5,570 | \$ | 319,395 |  | 313,825 |
| PFAS - Lear Siegler | \$ | 1,371 | \$ | 1,415 | \$ | 1,360 |  | (55) |
| PFAS - White Pigeon | \$ | 8,065 | \$ | 8,079 | \$ | 8,049 |  | (30) |
| PFAS - Westside Landfill | \$ | 3,101 | \$ | 2,687 | \$ | 1,535 |  | $(1,152)$ |
| Type II Water | \$ | 208,528 | \$ | 202,886 | \$ | 202,929 |  | 43 |
| TOTAL ENVIRONMENTAL HEALTH | \$ | 1,562,602 | \$ | 1,605,993 | \$ | 1,651,802 | \$ | 45,809 |



| Local Agency <br> Branch-Hillsdale-St. Joseph CHA <br> Original Budget <br> $10 / 1 / 2023-9 / 30 / 2024$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 032-9 Mth | 32-3 Mth | 35 | 96 | 97 | 101 | 107 | 108 | 109 |
| PROGRAM EXPENSES | PUBLIC HEALTH EMERG. PREP | PUBLIC HEALTH EMERG. PREP. | VECTOR BORNE DISEASE | CSHCS DONATIONS | CSHCS DONATIONS | WORKFORCE DEVELOPMENT | MEDICAID <br> OUTREACH | WIC <br> BREASTFEEDING | WIC RESIDENTIAL |
| 1. SALARIES \& WAGES | 47,836 | 15,945 | 18,110 |  |  | 7,136 | 3,594 | 59,780 | 479,823 |
| 2. FRINGE BENEFITS | 22,994 | 7,665 | 1,722 |  |  | 2,143 | 1,151 | 7,094 | 214,011 |
| 3. CAP EXP FOR EQUIP \& FAC |  |  |  |  |  |  |  |  |  |
| 4. CONTRACTUAL (SUBCONTRACTS) |  |  |  |  |  |  |  |  |  |
| 5. SUPPLIES \& MATERIALS | 2,800 | 1,235 | 210 |  |  | 100 | 675 | 3,600 | 14,700 |
| 6. TRAVEL | 3,000 | 2,000 | 6,000 |  |  | 100 | 350 | 3,200 | 10,000 |
| 7. COMMUNICATION | 14,000 | 4,000 | 25 |  |  | 50 | 100 | 1,150 | 18,711 |
| 8. COUNTY/CITY CENTRAL SERVICES |  |  |  |  |  |  |  |  |  |
| 9. SPACE COSTS |  |  |  |  |  |  |  |  |  |
| SPACE ALLOCATION | 1,010 | 337 | 281 |  |  | 137 | 99 | 9,150 | 35,188 |
| 10. ALL OTHERS (ADP \& MISC.) | 4,800 | 4,750 | 500 | 35,864 | 25,346 | 43,950 | 850 | 25,600 | 64,420 |
| TOTAL PROGRAM EXPENSES | 96,441 | 35,932 | 26,848 | 35,864 | 25,346 | 53,617 | 6,819 | 109,574 | 836,853 |
|  |  |  |  |  |  |  |  |  |  |
| 1. INDIRECT COST | 23,056 | 7,685 | 6,456 |  |  | 3,021 | 1,545 | 21,769 | 225,854 |
| 32.55162\% |  |  |  |  |  |  |  |  |  |
| 2. COST ALLOCATION PLAN/OTHER |  |  |  |  |  |  |  |  |  |
| COMMUNITY HEALTH SERVICES |  |  |  |  |  |  | 2,490 | 2,490 | 2,490 |
| PREVENTION SERVICES |  |  |  |  |  |  | 345 | 4,864 | 50,467 |
| IMMUNIZATION DISTRIBUTION |  |  |  |  |  |  |  |  |  |
| CSHCS DISTRIBUTION |  |  |  |  |  |  |  |  |  |
| ENVIRONMENTAL HEALTH |  |  |  |  |  |  |  |  |  |
| TOTAL INDIRECT COST | 23,056 | 7,685 | 6,456 |  |  | 3,021 | 4,380 | 29,123 | 278,811 |
| TOTAL EXPENDITURES | 119,497 | 43,617 | 33,304 | 35,864 | 25,346 | 56,638 | 11,199 | 138,697 | 1,115,664 |
| SOURCE OF FUNDS |  |  |  |  |  |  |  |  |  |
| 1. FEES \& COLLECTIONS - 1ST \& 2ND PARTY |  |  |  |  |  |  |  |  |  |
| 2. FEES \& COLLECTIONS - 3RD PARTY |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 3. FED/STATE FUNDING (NON-MDHHS) |  |  |  |  |  |  |  |  |  |
| 4. FEDERAL MEDICAID COST BASED REIMB. |  |  |  |  |  |  |  |  |  |
| 5. FEDERALLY PROVIDED VACCINES |  |  |  |  |  |  |  |  |  |
| 6. FEDERAL MEDICAID OUTREACH |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 7. REQUIRED MATCH - LOCAL | 9,820 | 3,273 |  |  |  |  | 5,600 |  |  |
| 8. LOCAL - NON ELPHS |  |  |  |  |  |  |  |  |  |
| 9. LOCAL - NON ELPHS |  |  |  |  |  |  |  |  |  |
| 10. LOCAL - NON ELPHS |  |  |  |  |  |  |  |  |  |
| 11. OTHER - NON ELPHS |  |  |  | 35,864 | 25,346 |  |  |  | 40,000 |
|  |  |  |  |  |  |  |  |  |  |
| 12. MDHHS NON COMPREHENSIVE |  |  |  |  |  |  |  |  |  |
| 13. MDHHS COMPREHENSIVE | 98,199 | 32,733 | 27,000 |  |  | 48,535 | - | 89,014 | 908,156 |
|  |  |  |  |  |  |  |  |  |  |
| 14. ELPHS MDHHS HEARING |  |  |  |  |  |  |  |  |  |
| 15. ELPHS MDHHS VISION |  |  |  |  |  |  |  |  |  |
| 16. ELPHS MDHHS OTHER |  |  |  |  |  |  |  |  |  |
| 17. ELPHS FOOD |  |  |  |  |  |  |  |  |  |
| 18. ELPHS PRIVATE/TYPE III WATER |  |  |  |  |  |  |  |  |  |
| 19. ELPHS ON-SITE WASTEWATER TREATMENT |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 20. MCH FUNDING |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 21. LOCAL - COUNTY APPROPRATIONS | 11,478 | 7,611 | 6,304 |  |  | 8,103 |  | 49,683 | 159,508 |
| 22. INKIND MATCH |  |  |  |  |  |  |  |  |  |
| 23. MDHHS FIXED UNIT RATE |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| MDHHS LOCAL COMM STABLIZATION |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| TOTAL SOURCE OF FUNDS | (0) | (0) |  |  |  |  |  | 0 |  |
| USE OF DESIGNATED FUND BALANCE |  |  |  |  |  |  |  |  |  |
| USE OF FUND BALANCE |  |  |  |  |  |  |  |  |  |






Comprehensive Local Health Services


```
834,368 Fees
790,027 Local Approp
6,172,560 State/Federa
698,172 Other
116,000 Designated Fund Balance
8,611,127 Total Revenues
```

790,027.25 Agency FY County Approp.
(0.00) Under (OVER) County FY Allocations

## Sturgis Satellite Clinic Lease

Introduction: In 2017 the Agency opened a satellite location in Sturgis, MI at Maplecrest Plaza at the location known as Medical Commons II. Sturgis has an estimated population of 11,067 according to the ACS 2021, in a county with a total population of 60,758 as per US Census for 2021. The Agency's location in Three Rivers left residents in Sturgis who lacked good access to transportation without necessary public health services such as WIC and immunizations, so providing services in Sturgis was a priority.

The location we rent in Sturgis is 969 sq ft and the Board approved expanding this by an additional 629 sq ft in March 2020, for a total of 1598 sq ft . The landlord is currently renovating the additional space, and the Board approved reimbursement for building expenses not to exceed $\$ 10,000$ on March 23, 2023. The project is estimate to cost a total of $\$ 32,000$, and the landlord has agreed to absorb the remaining $\$ 22,000$ cost of the build out.

Request: The landlord has requested a modification to the current lease, to change from a Gross lease to a Triple-Net lease in section 4, remove the strike out in sections 5 for insurance and section 21 for utilities, and delete the other conditions detailed in section 14 . This change is being requested, to move the burden of these costs from the landlord to BHSJ. When the Medical Commons II building was fully occupied, these costs were not a significant issue for the landlord, but as other leases have expired or changed, it has become more of an issue.

Recommendation by Administration: The health department's clients benefit an Agency presence in Sturgis and bringing services to the community of Sturgis continues to be a priority. The recommended change to the terms of the lease is a compromise solution that will, over the life of the lease, not cover the $\$ 22,000$ capital expenditure the landlord is investing to renovate the Agency's space this year. The administrative recommendation is to approve the recommended changes to the lease for the remainder of the lease term.

## Lease Agreement - Amended Terms

Amendment Date: June , 2023

Effective Date: July $1^{\text {st }}, 2023$

Location: 1555 E Chicago Rd Suite C, Sturgis, Michigan 49091

Please consider this document an amendment to the lease dtd October $17^{\text {th }} 2016$ for the location listed above. By our signatures below we Maplecrest LLC and Branch-Hillsdale-St. Joseph Community Health Agency do hereby agree to include the following:

Change to Section 4 "Gross Lease" to read "Triple-Net Lease.
Remove strikeouts from Section 5 Insurance and Section 21 Utilities.
Delete Section 14.
Note: Section 34 provision for security deposit null and void as it was applied to first month's rent.

We appreciate our business relationship with you and look forward to many mutually beneficial years.

Witness whereof, the parties hereto have executed this Addendum to Lease this $\qquad$ day of June, 2023.

Landlord: Maplecrest LLC

## Witness

Nancy Phillips, Member

Tenant: Branch-Hillsdale-St. Joseph Community Health Agency

Witness
Rebecca Burns, Health Officer

## COMMERCIAL TRIPLE-NET LEASE

By and between Lessor;

MAPLECREST, LLC<br>1509 East Chicago Road<br>SturgIs, Michigan 49091<br>PH: 269.651.4205 FX: 269.659.1080<br>EM: nancyphillips@yahoo.com

herelnafter designated as the LANULORD
and lessee;
Branch. Fillsdale-5t, Joseph Community Health Agency 570 North Marshall Road
Coldwater, M1 49036
herelnafter deslignated as the TENANT
2. DESCRIPIION Witnesseth: The LANOLORD, in conslderation of the renls to be paid and the covenants and agreements to be performed by the TENANT, does hereby lease unto the IENANT the following described premises stuated In the City of STURGIS, State of MICHIGAN, County of ST, IOSEPH to wit 1555 B East Chicago Road consisting of APPROXIMATELY 969 square feet more or less of Mall Space, in the Strip Center called MAPLECERST PLAZA
3. TERM For the term of FIVE (5) years, with TWO (2), FIVE (5) year optionis)" to renew, from and after the First (1") day of Commencement date* as Indicated above folly to be completed and ended, the TENANT yielding and paying during the continuance of this lease unto the LANDLOAD. *options to renew shall be exerclsed in writing 120 days prior to current term expifation. The option terms are to be negotiated.
4. RENT For rent of sald prenises for sald term, the minimum sum of THIRTY five yHOUSAND FOUR EVEN DOLLARS (\$35,004.00) dollars, In lawlul money of the United States payable in monthly instaltments of FIVE HUNORED FIFTY EVEN DOLLARS ( $\$ 550.00$ ) for the flist year, FIVE HUNORED AND SIXTY SEVEN EVEN DOLLARS ( $\$ 567.00$ ) for the second year, FIVE HUNORED NINETY EVEN DOLLARS ( $\$ 590.00$ ) for the thitd and fourth year, and SIX HUNDRED TWENTY EVEN OOLLARS ( $\$ 620.00$ ) for the ilfth year to be pald in advance, upon the FIRST day of each month and every month. Rent for the optlon perlods to be negotlated. THIS LEASE Is to be considered a GROSS LEASE. The Tenant hereby hires the said premises for the said term as above mentioned and covenants well and truly to pay, or cause to be paid unto the LANDIORD at the dates and times mentoned, the rent above reserved.
5. INSURANCE-hadditionto the rentals hefeinbefore speeified, the renant-agreestopay as addilonal rentat, their-pro-rale-ests, baseduponthe




 toprovidethe 5 ENANF withacenlificate-of insurence,
6. DEFAULT If the TENANT shell defaut In any payment or expendture other than rent required to be pald or expended by the TENANT under the terms hereof, the LANDLORD may at his option make such payment ar expenditure, in which event the amount thereor shall be payable as rental to the LANDLORD by the TENANT on the next ensulng rent day together will interest al ( $11 \%$ ) ELEVEN PERCENT per onnum from the date of such payments or expendlure by the LANDLORO and on defaut in such payment the LANDLORD shall have the same remedies as on default of rent.
7. PAYMENTS All payments of rent or other sums to be made to the LANDLORD strall be made at such place as the LANDLORD shall designate in writing from time to time.
8. ASSIGNMENT The TENANT covenants not to assign or transfer this Lease or hypothecate or mortgage the same or sublet said premises or any part thereol whout the written consent of the LANDLORD. Any assignment transfer, hypothecation, mortgage or subleting without said written consent shall give the LANOLORD the right to terminate this lease and to re-enter and re-possess the leased premises.
9. BANKRUPICY and INSOLVENCY the tenant agrees that if the estate created hereby shall be taken in execution, or by other processes of the law, or if the IENANT shall be declared bankrupt or insolvent according to the law, or any recelver be appointed for the business property of the TENANT, or if any assignment shall be made of TENANT'S property for the beneft of creditors, then and in such event thts lease may be cancelled at the option of the LANDLORD.
10. The LANDLORD reserves the right to subject and subordinate thls Lease at all times to the lien of any mortgage or mortgages now or hereafter place upon the LANuLORO'S Interest in the said premises and on the land and buildings of which the sald premisas are a part or upon any buildings hereinatter plates upon the land of which the leased premises form a part. And the FENANT covenants and agrees to executed and defiver upon demand such further instrument or instrumemts
subordinating this lease to the lien of any such mortgages as shall be desired by the LANDLORD and any mortgagees or proposed mortgagees and hereby lirevocably appoints the LANDLORD the attorney-in-fact of the IENANT to executed and deliver any such Instruments for and in the name of the TENANT.
11. USE and OCCUPANCY It Is understood and agreed between the parties that sald premises during the conthuance of this Lease shall be used and occupled for "W.I.C. CLINIC" and for no other purpose without written consent of the LANDLORD, and that the TENANT will not use the premises for any purpose in violation of any law, muntipal ordinance or regulation, and that on any breach of thls agreement the LANDLORD may at his option terminate this tease for with and re enter and re-possess the teased premises.

## 12. FIRE it Is understood and agreed that If the premises hereby leased ha damaged or destroyed in whole or In part by

 fire or other casualty during the term hereof, the LANDLORD will repair and restore to the same good tenantable condlion with reasonable dispatch, and that the rent herefn provided for shall abate entrely in case the entire premises are un-tenantable and prorata for the portion rendered un-tenantable, in case a part only is un-tenantable condition provided, however, that if the TENANT shall fall to adjust his own insurance or to removed his damaged goods, wares, equlpment or property within a reasonable time, and as a result thereof the repalring and restoration is delayed, there shall be no abatement of rentat during the period of such resulting delay, and provided further that there shall be no abatement of rental if suth flre or other cause damaging or destroying the leased premises shall result from the negligence or willful act of the TENANT, his agents or employees, and provided further that if the TENANT shall use any part of the leased premlses for storage during the period of repair a reasonabie charge shall be made therefore against the TENANT, and provided further that in case the leased premlses, or the building of which they are a part, shall be destroyed to the extent of more than one-half of the value thereot, the LANDLORD may at his option terminate this tease forthwith by a written nottce to the TENANT.13. The TENANT further covenants and agrees that he will, at his own expense, duting the continuallon of thls lease, keep the satd premises and every part thereof in as good repair and at the expiration of the term yield and delver up the same in like condition as when taken, reasonable use and wear thereol and damage by the elements excepted. The TENANT shell not make atterations or mprovements to sald premises without the LANOLORD'S written consent, and all alterations, additions or improvements made by ether of the parlles hereto upon the premses, except movable office furniture and trade fixtures put in at the expense of the IENANT, shat be the property of the LANDLOQD, and shall remaln upon and be surrendered with the premises at the termlation of this lease, without molestation or Injury. The JENANT covenants and agrees that tif the demised premises consists of only a part of a structure owned or controlled by the IANDIORD, the LANDIORD may enter the demised premises at reasomable times and repair plpes, wires and other appllances or make any tepairs deemed by the LANDLORD essential to the use and occupancy of other pants of the LANDLORD'S bulding.
14. OIHER CONDIMONS - Utlitles are Included In the base rent. The securliy deposit will be applied to your first month rent. If the program and or funding Is cut then the TENANT would notify the LANDLORD with a slxty day notice in writing that the lease would be terminated; in which case the

## LANDIORD will not hold the YENANT responsible for the remainder of the IEASE.

15. RESERVAIION The LANDLORD reserves the right of free access at all times to the roof of sald leased premises and reserves the right to rent sald roof for Jdvertising purposes. The TENANT shall not erect any structures for storage or any aerial, or use the roof for any purpose without the consent for writing of the LANOLORO.
16. The TENANT shall not perform any acts or carry on any practices which may mure the butding or be a nuisance or menace to other TENANIS in the buitding and shall keep premlses under hls control (induding adjolning drives, streets, alleys or yaros) clean and free from rubbish, dict, snow and lce at all times, and It is further agreed that in the event the TENANT shall not comply with these provisions, the LANOLORO may enter upon sald prenilses and have rubbish, dirt, and ashes removed and the sldewalks cleaned, In which event the TENANT agrees to pay all charges that the LANDLORD shall pay for haulling rubblsh, ashes and ditt, or cleaning walks. Sald charges shall be paid to the LANOLORD by the TENANT as soon as the bill is presented to bim and the LANDLORO shall have the same remedy as is provided in Paragraph 6 of this tease in the event of TENANT'S fallure to pay.
17. The TENANT further acknowledges that he has examined the leased premises prior to the making of this tease, and knows the condition thereof, and that no representations as to the condition or state of repairs thereof have been made by the LANOLORD, or his agent; whith are not hereln expressed, and the YENANI hereby accepts the leased prentses In their present condition at the execution of this tease.
18. The LANDLORD shall not be responslble or lable to the TENANT for any loss or damage that may be occasioned by or through the acts of omlsslons of persons occupying adjoining premises adjacent to or connected with the premises hereby leased or any part of the bullding of which the leased premises are a part or for any loss or domage resulthg to the TENANI or the property from bursting, stoppage or leaking of water, pas, sewer, or steam pipes.
19. HE-RENING The TENANT hereby agrees that for a perlod commencing 90 days pilor to the termination of this Lease, the LANDLORO may show the premises to prospective TENANIS, and 60 days prior to the termination of this Lease, may display in and about sald premises and In the windows thereot, the usual and ordinary "ro RENT" signs.
20. It is hereby agreed that in the event of the TENANT herein holding over atter the temination of this lease, thereafter the tenancy shall be from a month to month in the absence of a willen agreement to the contrary.
 heat, and electicily during the conlmuate of this tease, ws the samesthathecome dige
21. It is further agreed that all sigas and advertising displayed fin and about the premises shall be such only as advettse the business cartied on upon said premises, and that the LANDLORD shali control the character and she thereof, and that no slgn shall be displayed excepting such as shall be approved in writing by the LANDLORD, and that no awning shall be installed or used on the exterior of sald building unless approved In writing by the LANDLORD.
22. The GANDLORD shall have the fight to enter upon the leased premises at all reasonable hours for purpose of lnspecting the same. fif the LANOLORD doems any repalis necessary he may demand that the TENANT make the same and if the TENANT refuses or neglects forthwith to commence such repairs and complete the same with reasonable dispatch the LANOLORD may make or cause to be made such repalrs and shall not be responstble to the TENANT for any loss or damage that may accrue to his stock or business by reason thereol, and if the LANDLORD makes or causes to be made such repalrs the TENANT dgrees that he will forthwith on demand pay to the LANDLORD the cost thereof wilh interest at $11 \%$ per annum, and if he shall make default in such payment the LANDLORD shall have the remedies provided in Paragraph 6 hereor.
23. RE-ENTRY In case any rent shall be due and unpald or fl default be made in any of the covenants herein contalned, or if sald leased prenises shall be deserted or vacated, then if shall be lawiul for the LANDLORD, his certain attorney, helfs, representatives and assigns, to fe-enter into repossess the sald premises and the IENANT and each and every occupant to remove and put out.
24. QUIET ENJOYMENT The LANOLORD covenants that the sald TENANT, on payment of all the aloresaid installments and performing all the covenants aforesaid, shall and may peacefully and quletly have, hold, and enjoy the said demised premlses for the term aforesald.
25. EXPENSES DAMAGES RE-ENTRYIn the Event that the LANDLORD shall, duting the period covered by this lease, obtain possession of said premises by reentry, summary proceedings, or otherwise, the TENANT hereby agrees to pay the LANDLORD the expense lncurred in obtalning possesslon of sald premises, and atso all expenses and commissions which may be pald In and about the letting of the same, and all other damages.
26. REMEDIES NOT EXCLUSIVE if is agreed that each and every of the rights, remedies and benefits provided by this lease shall be cumulative, and shell not be exclusive of any other of sale rights, remedies and benefits, or of any other rights, remedles and benefits allowed by law.
27. WAIVER One or more waivers of any covenant or condition by the LANDLORD shall not be construed as a walver of a further breach of the same covenant or condiston.
28. OELAY OF POSSESSION it is understood that If the TENANT shall be unable to enter Into and occupy the premises hereby leased at the tme above provided, by reason of the holding over of any previous occupant of sald premises, or as a result of any cause of reason beyond the direct control of the IANDLoRD, the LANOLORD shall not be llable in damages to the IENANF therefore, but during the period the TENANT shall be unable to occupy sald premises as hereinbefore provided, the rental therefore stath be abated and the IANDLORD Is to be the sole Judge as to when the premises are ready for occupancy.
29. NOTICES Whenever under this Lease a proviston is made for notice of any kind it shat be deemed sufficient notice and service thereof if such notice to the TENANT is in writing addressed to the TENANT at his last known Post Office address or at the leased premises and depostted in the mall with postage and if such notle to the LANDLORD is in withg addressed to the last known Post Office address of the LANDLORD and deposited in the nall with postoge prepald. Noilce need be sent to only one TENANT or LANDLORD where the TENANT or LANDLORD In more than one person.
30. It is agreed that in thls Lease the word "he" shall be used synonymous with the words "she", "it" and "they" and the word "hlm" synonymous with the words 'her", "its" and "their".
31. The covenants, conditions and agreements made and entered into by the parties hereto are declared binding on thelr respective helfs, successors, representatives and assigns.
32. In the event securily is given, Paragraph 34 on the last page shall be deemed a part of thls tease.
33. SECURITY PROVISION The LANDIORO herewith acknowledges the receint of FIVE HUNDRED FIFTY EVEN DOLLARS ( $\$ 550.00$ ) dollars which shall be retalned for the folthlul performance of all the covenants, condllons, and agreements of thls tease, but in no event shall the LaNDLORO be obligated to apply the same upon rents or other charges in arrears or upon domages for the TENANT'S falfure to perform the sald covenants, condltions, and agreements; the LANDLORD may so apply the securlity at his option; and the TENANI'S right to the possesston of the premises for non-payment of rent or for other reason shell not in any event be affected by reason of the fact that the LANDLORD holds his security. The said sum lf not appled toward the payment of rent In arrears or toward the payment of damages suffered by the UANDLORO by reason of the TENANT'S breach of the covenants, conditons, and agreements of this lease is to be returned to the TENANT when this lease is terminated, according to these terms, and tn no event is the sald securlty to be returned until the TENANT has vacated the premises and delivered possession to the Lessor. In the event that the LANDLORD repossesses himseff of the sald prembes because of the TENANY'S default or because of the TENANT'S failure to cariy out the covenants, conditions, and agreements of thls Lease, the LANDLORD may appiy the said security upen all damages suffered to the date of sald repossession and moy retals the said security to apply upon such damages as may be suffered or shall accrue thereafter by reason of the TENANT'S defautt or breach. The LANOLOAO shall not be obliged to keep the sald securty as a separate fund, but may mix the sald security with hls own lunds.
34. SEVERABILITY If any provision of this Lease shall be declared invald or unenforceable, the remafnder of the lease shall continue for full force and effect.

In Witness Whereof, the parties hereto have set thetr hands and seols, this 17 day of 00 . 2016.


Current Lease Agreement

| Current Space |  |  | Yearly Cost <br> per Sq Ft | Cost/Year | Cost/Month |
| :--- | :--- | :--- | :--- | ---: | ---: |
|  | 969 | Year 7 | July 1, 23-24 | $\$ 8.00$ | $\$ 7,752.00$ |


| Added Space |  |  | Yearly Cost <br> per Sq Ft | Cost/Year | Cost/Month |
| ---: | :--- | :--- | ---: | ---: | ---: |
| 629 | Year 7 | July 1, 23-24 | $\$ 8.00$ | $\$ 5,032.00$ | $\$ 419.33$ |
| Sq Ft | Year 8 | July 1, 24-25 | $\$ 8.00$ | $\$ 5,032.00$ | $\$ 419.33$ |
|  | Year 9 | July 1, 25-26 | $\$ 8.50$ | $\$ 5,346.50$ | $\$ 445.54$ |
|  | Year 10 | July 1, 26-27 | $\$ 8.50$ | $\$ 5,346.50$ | $\$ 445.54$ |


| Total Space Cost After Expansion |  |  | Yearly Cost per Sq Ft | Cost/Year | Cost/Month |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1598 | Year 7 | July 1, 23-24 | \$8.00 | \$12,784.00 | \$1,065.33 |
| Sq Ft | Year 8 | July 1, 24-25 | \$8.00 | \$12,784.00 | \$1,065.33 |
|  | Year 9 | July 1, 25-26 | \$8.50 | \$13,583.00 | \$1,131.92 |
|  | Year 10 | July 1, 26-27 | \$8.50 | \$13,583.00 | \$1,131.92 |

Proposed Change

| Yearly Cost <br> per Sq Ft | Cost/Year | Cost/Month | Monthly <br> Increase |
| ---: | ---: | ---: | ---: |
| $\$ 9.50$ | $\$ 9,205.50$ | $\$ 767.13$ | $\$ 121.13$ |
| $\$ 9.50$ | $\$ 9,205.50$ | $\$ 767.13$ | $\$ 121.13$ |
| $\$ 10.00$ | $\$ 9,690.00$ | $\$ 807.50$ | $\$ 121.13$ |
| $\$ 10.00$ | $\$ 9,690.00$ | $\$ 807.50$ | $\$ 121.13$ |


| Yearly Cost <br> per Sq Ft | Cost/Year | Cost/Month | Monthly <br> Increase |
| ---: | ---: | ---: | ---: |
| $\$ 9.50$ | $\$ 5,975.50$ | $\$ 497.96$ | $\$ 78.63$ |
| $\$ 9.50$ | $\$ 5,975.50$ | $\$ 497.96$ | $\$ 78.63$ |
| $\$ 10.00$ | $\$ 6,290.00$ | $\$ 524.17$ | $\$ 78.62$ |
| $\$ 10.00$ | $\$ 6,290.00$ | $\$ 524.17$ | $\$ 78.62$ |


| Yearly Cost <br> per Sq Ft | Cost/Year | Cost/Month | Monthly <br> Increase |
| ---: | ---: | ---: | ---: |
| $\$ 9.50$ | $\$ 15,181.00$ | $\$ 1,265.08$ | $\$ 199.75$ |
| $\$ 9.50$ | $\$ 15,181.00$ | $\$ 1,265.08$ | $\$ 199.75$ |
| $\$ 10.00$ | $\$ 15,980.00$ | $\$ 1,331.67$ | $\$ 199.75$ |
| $\$ 10.00$ | $\$ 15,980.00$ | $\$ 1,331.67$ | $\$ 199.75$ |

## Municipal Employees' Retirement System of Michigan

Annual Actuarial Valuation Report
December 31, 2022 - Branch-Hillsdale-St Joseph Comm Hlth Agcy (1202)

Spring 2023

Branch-Hillsdale-St Joseph Comm HIth Agcy

In care of:
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, Michigan 48917

This report presents the results of the Annual Actuarial Valuation, prepared for Branch-Hillsdale-St Joseph Comm HIth Agcy (1202) as of December 31, 2022. The report includes the determination of liabilities and contribution rates resulting from the participation in the Municipal Employees' Retirement System of Michigan ("MERS"). This report contains the minimum actuarially determined contribution requirement, in alignment with the MERS Plan Document, Actuarial Policy, the Michigan Constitution, and governing statutes. Branch-Hillsdale-St Joseph Comm Hlth Agcy is responsible for the employer contributions needed to provide MERS benefits for its employees and former employees.

The purposes of this valuation are to:

- Measure funding progress as of December 31, 2022,
- Establish contribution requirements for the fiscal year beginning January 1, 2024,
- Provide information regarding the identification and assessment of risk,
- Provide actuarial information in connection with applicable Governmental Accounting Standards Board (GASB) statements, and
- Provide information to assist the local unit of government with state reporting requirements.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through December 31, 2022. The valuation was based upon information furnished by MERS concerning Retirement System benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by MERS.

The Municipal Employees' Retirement Act, PA 427 of 1984 and the MERS' Plan Document Article VI Sec. 71 (1)(d), provides the MERS Board with the authority to set actuarial assumptions and methods after consultation with the actuary. As the fiduciary of the plan, the MERS Retirement Board sets certain assumptions for funding and GASB purposes. These assumptions are reviewed regularly through a comprehensive study, most recently in the Fall of 2021. The MERS Retirement Board adopted a Dedicated Gains Policy at the February 17, 2022 Board meeting. The Dedicated Gains Policy automatically reduces the assumed rate of investment return in conjunction with recognizing excess investment gains to mitigate the impact on employer contributions the first year. The policy was effective with the December 31, 2021 annual actuarial valuation.

The Michigan Department of Treasury provides required assumptions to be used for purposes of Public Act 202 reporting. These assumptions are for reporting purposes only and do not impact required contributions. Please refer to the State Reporting page found at the end of this report for information for this filing.

For a full list of all the assumptions used, please refer to the division-specific assumptions described in table(s) in this report, and to the Appendix on the MERS website at: https://www.mersofmich.com/Portals/0/Assets/Resources/AAV-Appendix/MERS-2022AnnualActuarialValuation-Appendix.pdf

The actuarial assumptions used for this valuation, including the assumed rate of investment return, are reasonable for purposes of the measurement.

This report reflects the impact of COVID-19 experience through December 31, 2022. At this time, no future assumptions have been adjusted as a result of COVID-19. Actual future experience will be reflected in each subsequent annual valuation, as experience emerges.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of Branch-Hillsdale-St Joseph Comm Hlth Agcy as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

Rebecca L. Stouffer, Mark Buis, Kurt Dosson, and Shana M. Neeson are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor. GRS maintains independent consulting agreements with certain local units of government for services unrelated to the actuarial consulting services provided in this report.

The Retirement Board of the Municipal Employees' Retirement System of Michigan confirms that the System provides for payment of the required employer contribution as described in Section 20 m of Act No. 314 of 1965 (MCL 38.1140m).

This information is purely actuarial in nature. It is not intended to serve as a substitute for legal, accounting, or investment advice.

This report was prepared at the request of the MERS Retirement Board and may be provided only in its entirety by the municipality to other interested parties (MERS customarily provides the full report on request to associated third parties such as the auditor for the municipality). GRS is not responsible for the consequences of any unauthorized use. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

If you have reason to believe that the plan provisions are incorrectly described, that important plan provisions relevant to this valuation are not described, that conditions have changed since the calculations were made, that the information provided in this report is inaccurate or is in anyway incomplete, or if you need further information in order to make an informed decision on the subject matter in this report, please contact your Regional Manager at 1.800.767.MERS (6377).

Sincerely,
Gabriel, Roeder, Smith \& Company


Rebecca L. Stouffer, ASA, FCA, MAAA


Mark Buis, FSA, FCA, EA, MAAA


Kurt Boson, ASA, FCA, MAAA

## Shana in Meson

Shana M. Neeson, ASA, FCA, MAAA

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## Executive Summary

## Funded Ratio

The funded ratio of a plan is the percentage of the dollar value of the actuarial accrued liability that is covered by the actuarial value of assets. While the funded ratio may be a useful plan measurement, understanding a plan's funding trend may be more important than a particular point in time. Refer to Table 7 to find a history of this information.

|  | $12 / 31 / 2022$ | $12 / 31 / 2021$ |
| :--- | :---: | :---: |
| Funded Ratio* | $94 \%$ | $93 \%$ |

* Reflects assets from Surplus divisions, if any.

Throughout this report are references to valuation results generated prior to the 2018 valuation date. Results prior to 2018 were received directly from the prior actuary or extracted from the previous valuation system by MERS's technology service provider.

## Required Employer Contributions

Your required employer contributions are shown in the following table. Employee contributions, if any, are in addition to the employer contributions.

Effective with the December 31, 2021 valuation, the MERS Retirement Board adopted a Dedicated Gains Policy which allows for recognition of asset gains in excess of a set threshold in combination with lowering the assumed rate of investment return. Effective with the 2020 and 2019 valuations respectively, the MERS Retirement Board adopted updated demographic and economic assumptions. The combined impact of the prior 2020 and 2019 demographic and economic assumption changes may be phased in. This valuation reflects the last year of phase-in. The combined impact of the past economic and demographic changes will be fully reflected in the 2023 annual actuarial valuation.

By default, MERS will invoice you based on the amount in the "No Phase-in" columns. This amount will be considered the minimum required contribution unless you request to be billed the "Phase-in" rates. If you wish to be billed using the phased-in rates, please contact MERS, at which point the alternate minimum required contribution will be the amount in the "Phase-in" columns.

|  | Percentage of Payroll |  |  |  | Monthly \$ Based on Projected Payroll |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Phase-in | No Phase-in | Phase-in | No Phase-in |  | ase-in |  | Phase-in |  | ase-in |  | Phase-in |
| Valuation Date: | 12/31/2022 | 12/31/2022 | 12/31/2021 | 12/31/2021 |  | 1/2022 |  | 31/2022 |  | 1/2021 |  | 31/2021 |
| Fiscal Year Beginning: | $\begin{gathered} \hline \text { January 1, } \\ 2024 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { January 1, } \\ 2024 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { January 1, } \\ 2023 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { January 1, } \\ 2023 \\ \hline \end{gathered}$ |  | $\begin{aligned} & \text { uary } 1, \\ & 024 \\ & \hline \end{aligned}$ |  | uary 1 , 2024 |  | $\begin{aligned} & \text { uary 1, } \\ & 023 \end{aligned}$ |  | luary 1, $2023$ |
| Division |  |  |  |  |  |  |  |  |  |  |  |  |
| 01-Gnrl |  |  |  |  | \$ | 42,484 | \$ | 45,735 | \$ | 36,810 | \$ | 43,312 |
| Total Municipality Estimated Monthly Contribution |  |  |  |  | \$ | 42,484 | \$ | 45,735 | \$ | 36,810 | \$ | 43,312 |
| Total Municipality - <br> Estimated Annual Contribution |  |  |  |  | \$ | 509,808 | \$ | 548,820 | \$ | 441,720 | \$ | 519,744 |

Employee contribution rates:

|  | Employee Contribution Rate |  |
| :--- | :---: | :---: |
|  | Valuation Date: | $\mathbf{1 2 / 3 1 / 2 0 2 2}$ |
| $\mathbf{1 2 / 3 1 / 2 0 2 1}$ |  |  |
| Division |  |  |
| $01-\mathrm{Grl}$ | $3.00 \%$ | $3.00 \%$ |

The employer may contribute more than the minimum required contributions, as these additional contributions will earn investment income and may result in lower future contribution requirements. Employers making contributions in excess of the minimum requirements may elect to apply the excess contribution immediately to a particular division, or segregate the excess into one or more "Surplus" divisions. An election in the first case would immediately reduce any unfunded accrued liability and lower the amortization payments throughout the remaining amortization period. An election to set up one or more Surplus divisions would not immediately lower future contributions, however the assets from the Surplus division(s) could be transferred to an unfunded division in the future to reduce the unfunded liability in future years, or to be used to pay all or a portion of the minimum required contribution in a future year. For purposes of this report, the assets in any Surplus division have been included in the municipality's total assets, unfunded accrued liability, and funded status; however, these assets are not used in calculating the minimum required contribution.

MERS strongly encourages employers to contribute more than the minimum contribution shown above. With the implemented Dedicated Gains policy, market gains and losses will continue to be smoothed over five years; however, since excess returns are used to lower the investment assumption, there will be fewer gains to smooth in down markets. Having additional funds in Surplus divisions will assist plans with navigating any market volatility.

Assuming that experience of the plan meets actuarial assumptions:

- To accelerate to a $100 \%$ funding ratio in 10 years, estimated monthly employer contributions for the fiscal year beginning in 2024 for the entire employer would be $\$ 48,727$, instead of $\$ 45,735$.


## How and Why Do These Numbers Change?

In a defined benefit plan, contributions vary from one annual actuarial valuation to the next as a result of the following:

- Changes in benefit provisions (see Table 2),
- Changes in actuarial assumptions and methods (see the Appendix), and
- Experience of the plan (investment experience and demographic experience); this is the difference between actual experience of the plan and the actuarial assumptions.

These impacts are reflected in various tables in the report. For more information, please contact your Regional Manager.

## Comments on Investment Rate of Return Assumption

A defined benefit plan is funded by employer contributions, participant contributions, and investment earnings. Investment earnings have historically provided a significant portion of the funding. The larger the share of benefits being provided from investment returns, the smaller the required contributions, and vice versa. Determining the contributions required to prefund the promised retirement benefits requires an assumption of what investment earnings are expected to add to the fund over a long period of time. This is called the Investment Return Assumption.

The MERS Investment Return Assumption is $\mathbf{7 . 0 0 \%}$ per year. This, along with all of our other actuarial assumptions, is reviewed at least every five years in an Experience Study that compares the assumptions used against actual experience and recommends adjustments if necessary. If your municipality would like to explore contributions at lower assumed investment return assumptions, please review the "What If" projection scenarios later in this report.

## Assumption and Method Change in 2022

Effective February 17, 2022, the MERS Retirement Board adopted a dedicated gains policy that automatically lowers the assumed rate of investment return by using excess asset gains to mitigate large increases in required contributions to the Plan. Full details of this dedicated gains policy are available in the Actuarial Policy found on the MERS website. Some goals of the dedicated gains policy are to:

- Provide a systematic approach to lower the assumed rate of investment return between experience studies, and
- Use excess gains to cover both the increase in normal cost and any increase in UAL payment the first contribution year after application (i.e., minimize the first-year impact (i.e., increase) in employer contributions).

The dedicated gains policy was implemented with the December 31, 2021 annual actuarial valuation and was reflected in the computed employer contribution amounts beginning in fiscal year 2023.

Investment performance measured for the one-year period ending December 31, 2022 did not result in excess gains for use in lowering the assumed rate of investment return. As a result, this assumption remains at 7.00\%.

Furthermore, there were no other assumption or method changes in 2022.

## Protecting MI Pension Grant Program

On July 1, 2022, Michigan lawmakers passed the state budget for the 2022-23 fiscal year. As a part of the budget, $\$ 750$ million was earmarked for underfunded municipal pension plans in counties, cities, townships, villages and road commissions across the state. Known as the Protecting MI Pension Grant Program, the legislation is designed to support municipal plans that are under $60 \%$ funded.

As of the valuation date the amount of funds and list of grant recipients is not yet known. Any funds received by municipalities will be considered in a future valuation.

## Comments on Asset Smoothing

To avoid dramatic spikes and dips in annual contribution requirements due to short-term fluctuations in asset markets, MERS applies a technique called asset smoothing. This spreads out each year's investment gains or losses over the prior year and the following four years. After initial application of asset smoothing, remaining excess market gains are used to buy down the assumed rate of investment return and increase the level of valuation assets, to the extent allowed by the dedicated gains policy. This smoothing method is used to determine your actuarial value of assets (valuation assets), which is then used to determine both your funded ratio and your required contributions. The (smoothed) actuarial rate of return for 2022 was $3.51 \%$, while the actual market rate of return was (10.61\%). To see historical details of the market rate of return compared to the smoothed actuarial rate of return, refer to this report's Appendix or view the "How Smoothing Works" video on the Defined Benefit resource page of the MERS website.

As of December 31, 2022, the actuarial value of assets is $116 \%$ of market value due to asset smoothing. This means that there are deferred investment losses, which will put upward pressure on contributions in the short term.

If the December 31, 2022 valuation results were based on market value instead of actuarial value:

- The funded percent of your entire municipality would be $81 \%$ (instead of $94 \%$ ); and
- Your total employer contribution requirement for the fiscal year starting January 1, 2024 would be $\$ 801,444$ (instead of $\$ 548,820$ ).


## Alternate Scenarios to Estimate the Potential Volatility of Results ("What If Scenarios")

The calculations in this report are based on assumptions about long-term economic and demographic behavior. These assumptions will never materialize in a given year, except by coincidence. Therefore, the results will vary from one year to the next. The volatility of the results depends upon the characteristics of the plan. For example:

- Open divisions that have substantial assets compared to their active employee payroll will have more volatile employer contribution rates due to investment return fluctuations.
- Open divisions that have substantial accrued liability compared to their active employee payroll will have more volatile employer contribution rates due to demographic experience fluctuations.
- Small divisions will have more volatile contribution patterns than larger divisions because statistical fluctuations are relatively larger among small populations.
- Shorter amortization periods result in more volatile contribution patterns.

Many assumptions are important in determining the required employer contributions. In the following table, we show the impact of varying the Investment Return assumption. Lower investment returns would generally result in higher required employer contributions, and vice versa. The three economic scenarios below provide a quantitative risk assessment for the impact of investment returns on the plan's projected financial condition for funding purposes.

The relative impact of the economic scenarios below will vary from year to year, as the participant demographics change. The impact of each scenario should be analyzed for a given year, not from year to year. The results in the table are based on the December 31, 2022 valuation and are for the municipality in total, not by division. These results do not reflect a phase-in of the impact of the actuarial assumptions updated in the 2020 and 2019 valuations. There is no phase-in of dedicated gains.

It is important to note that calculations in this report are mathematical estimates based upon assumptions regarding future events, which may or may not materialize. Actuarial calculations can and do vary from one valuation to the next, sometimes significantly depending on the group's size. Projections are not predictions. Future valuations will be based on actual future experience.

| 12/31/2022 Valuation Results | Lower Future <br> Annual Returns |  | Lower Future <br> Annual Returns |  | Valuation Assumptions |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment Return Assumption | 5.00\% |  | 6.00\% |  | 7.00\% |  |
| Accrued Liability | \$ | 24,224,622 | \$ | 21,605,312 | \$ | 19,416,144 |
| Valuation Assets ${ }^{1}$ | \$ | 18,275,951 | \$ | 18,275,951 | \$ | 18,275,951 |
| Unfunded Accrued Liability | \$ | 5,948,671 | \$ | 3,329,361 | \$ | 1,140,193 |
| Funded Ratio |  | 75\% |  | 85\% |  | 94\% |
| Monthly Normal Cost | \$ | 15,715 | \$ | 11,646 | \$ | 8,610 |
| Monthly Amortization Payment | \$ | 76,053 | \$ | 55,825 | \$ | 37,125 |
| Total Employer Contribution ${ }^{2}$ | \$ | 91,768 | \$ | 67,471 | \$ | 45,735 |

${ }^{1}$ The Valuation Assets include assets from Surplus divisions, if any.
${ }^{2}$ If assets exceed accrued liabilities for a division, the division may have an overfunding credit to reduce the division's employer contribution requirement. If the overfunding credit is larger than the normal cost, the division's full credit is included in the municipality's amortization payment above but the division's total contribution requirement is zero. This can cause the displayed normal cost and amortization payment to not add up to the displayed total employer contribution.

## Projection Scenarios

The next two pages show projections of the plan's funded ratio and computed employer contributions under the actuarial assumptions used in the valuation and alternate economic assumption scenarios. All three projections account for the past investment experience that will continue to affect the actuarial rate of return in the short term.

The $7.00 \%$ scenario provides an estimate of computed employer contributions based on current actuarial assumptions, and a projected $7.00 \%$ market return. The other two scenarios may be useful if the municipality chooses to budget more conservatively and make contributions in addition to the minimum requirements. The $6.00 \%$ and $5.00 \%$ projection scenarios provide an indication of the potential required employer contribution if
these assumptions were met over the long term.

Your municipality includes one or more Surplus divisions. Extra contributions in a Surplus division may be used to reduce future employer contributions or to accelerate the date by which the municipality becomes $100 \%$ funded. The timing and use of these Surplus assets within the plan is discretionary. Certain employers have special funding arrangements that may differ from the Actuarial Policy.

The Funded Percentage graph shows projections of funded status under the $7.00 \%$ investment return assumption, both including the Surplus assets (contributed as of the valuation date), and without the Surplus assets. The graph including the Surplus assets assumes these Surplus assets grow with interest and are not used to lower future employer contributions. We modeled the projections including the Surplus assets in this fashion because the use of these assets within the plan is discretionary by the employer and we do not know when and how the employer will use them. Once the employer uses these Surplus assets, any future employer contributions are expected to be lower than those shown in the projections.

| Valuation Year Ending 12/31 | Fiscal Year Beginning 1/1 |  |  | Valuation <br> Assets ${ }^{2}$ |  | Funded <br> Percentage | Estimated Annual Employer Contribution ${ }^{3}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7.00\% ${ }^{1}$ - NO PHASE-IN |  |  |  |  |  |  |  |  |
| 2022 | 2024 | \$ | 19,416,144 | \$ | 15,350,651 | 79\% | \$ | 548,820 |
| 2023 | 2025 | \$ | 19,700,000 | \$ | 15,200,000 | 77\% | \$ | 629,000 |
| 2024 | 2026 | \$ | 19,900,000 | \$ | 14,900,000 | 75\% | \$ | 714,000 |
| 2025 | 2027 | \$ | 20,100,000 | \$ | 14,700,000 | 73\% | \$ | 800,000 |
| 2026 | 2028 | \$ | 20,100,000 | \$ | 14,500,000 | 72\% | \$ | 888,000 |
| 2027 | 2029 | \$ | 20,200,000 | \$ | 14,800,000 | 73\% | \$ | 916,000 |
| 6.00\% ${ }^{1}$ - NO PHASE-IN |  |  |  |  |  |  |  |  |
| 2022 | 2024 | \$ | 21,605,312 | \$ | 15,350,651 | 71\% | \$ | 809,652 |
| 2023 | 2025 | \$ | 21,900,000 | \$ | 15,000,000 | 69\% | \$ | 894,000 |
| 2024 | 2026 | \$ | 22,100,000 | \$ | 14,900,000 | 68\% | \$ | 975,000 |
| 2025 | 2027 | \$ | 22,200,000 | \$ | 14,800,000 | 67\% | \$ | 1,060,000 |
| 2026 | 2028 | \$ | 22,200,000 | \$ | 14,800,000 | 66\% | \$ | 1,150,000 |
| 2027 | 2029 | \$ | 22,200,000 | \$ | 15,100,000 | 68\% | \$ | 1,190,000 |
| 5.00\% ${ }^{1}$ - NO PHASE-IN |  |  |  |  |  |  |  |  |
| 2022 | 2024 | \$ | 24,224,622 | \$ | 15,350,651 | 63\% | \$ | 1,101,216 |
| 2023 | 2025 | \$ | 24,500,000 | \$ | 14,900,000 | 61\% | \$ | 1,190,000 |
| 2024 | 2026 | \$ | 24,600,000 | \$ | 15,000,000 | 61\% | \$ | 1,270,000 |
| 2025 | 2027 | \$ | 24,700,000 | \$ | 15,000,000 | 61\% | \$ | 1,350,000 |
| 2026 | 2028 | \$ | 24,700,000 | \$ | 15,100,000 | 61\% | S | 1,440,000 |
| 2027 | 2029 | \$ | 24,600,000 | \$ | 15,700,000 | 64\% | \$ | 1,490,000 |

${ }^{1}$ Represents both the interest rate for discounting liabilities and the future investment return assumption on the Market Value of assets.
${ }^{2}$ Valuation Assets do not include assets from Surplus divisions, if any.
${ }^{3}$ All projected contributions are shown with no phase-in.


Notes:
All projected funded percentages are shown with no phase-in.
Assumes assets from the Surplus division(s) will not be used to lower employer contributions during the projection period. The green indicator lines have been added at $60 \%$ funded and 18 years following the valuation date for PA 202 purposes.


Notes:
All projected contributions are shown with no phase-in.
Projected employer contributions do not reflect the use of any assets from the Surplus division(s).

Table 1: Employer Contribution Details for the Fiscal Year Beginning January 1, 2024

| Division | Total <br> Normal <br> Cost | Employee Contribution Rate | Employer Contributions ${ }^{1}$ |  |  |  |  |  | Computed Employer Contribution With Phase-In |  | Blended ER <br> Rate No <br> Phase-In ${ }^{5}$ | Blended ER <br> Rate With <br> Phase-In ${ }^{5}$ | Employee Contribution Conversion Factor ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Employer <br> Normal <br> Cost ${ }^{6}$ |  | Payment of the Unfunded Accrued Liability ${ }^{4}$ |  | Computed Employer Contribution No Phase-In |  |  |  |  |  |  |
| Percentage of Payroll |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 01 - Gnrl | 13.41\% | 3.00\% |  |  |  |  |  |  |  |  |  |  |  |
| Estimated Monthly Contribution ${ }^{3}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 01 - Gnrl |  |  | \$ | 8,610 | \$ | 37,125 | \$ | 45,735 | \$ | 42,484 |  |  |  |
| Total Municipality |  |  | \$ | 8,610 | \$ | 37,125 | \$ | 45,735 | \$ | 42,484 |  |  |  |
| Estimated Annual Contribution ${ }^{3}$ |  |  | \$ | 103,320 | \$ | 445,500 | \$ | 548,820 | \$ | 509,808 |  |  |  |

1 The above employer contribution requirements are in addition to the employee contributions, if any.
2 If employee contributions are increased/decreased by $1.00 \%$ of pay, the employer contribution requirement will decrease/increase by the Employee Contribution Conversion Factor. The conversion factor is usually under $1 \%$ because employee contributions may be refunded at termination of employment and not used to fund retirement pensions. Employer contributions will all be used to fund pensions.
${ }^{3}$ For divisions that are open to new hires, estimated contributions are based on projected fiscal year payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts. For divisions that will have no new hires (i.e., closed divisions), invoices will be based on the above dollar amounts which are based on projected fiscal year payroll. See description of Open Divisions and Closed Divisions in the Appendix.
${ }^{4}$ Note that if the overfunding credit is larger than the normal cost, the full credit is shown above but the total contribution requirement is zero. This will cause the displayed normal cost and unfunded accrued liability contributions not to add across.
5 For linked divisions, the employer will be invoiced the Computed Employer Contribution No Phase-in rate shown above for each linked division (a contribution rate for the open division; a contribution dollar for the closed-but-linked division), unless the employer elects to contribute the Blended Employer Contribution rate shown above, by contacting MERS at 800-767-MERS (6377).
6 For divisions with a negative employer normal cost, employee contributions cover the normal cost and a portion of the payment of any unfunded accrued liability.

Please see the Comments on Asset Smoothing in the Executive Summary of this report.

## Table 2: Benefit Provisions

01 - Gnrl: Closed to new hires

|  | 2022 Valuation | $\mathbf{2 0 2 1}$ Valuation |
| :--- | :--- | :--- |
| Benefit Multiplier: | $2.00 \%$ Multiplier (no max) | $2.00 \%$ Multiplier (no max) |
| Normal Retirement Age: | 60 | 60 |
| Vesting: | 6 years | 6 years |
| Early Retirement (Unreduced): | $55 / 25$ | $55 / 25$ |
| Early Retirement (Reduced): | $50 / 25$ | $50 / 25$ |
|  | $55 / 15$ | $55 / 15$ |
| Final Average Compensation: | 5 years | 5 years |
| COLA for Future Retirees: | $2.50 \%$ (Non-Compound) | $2.50 \%$ (Non-Compound) |
| COLA for Current Retirees: | $2.50 \%$ (Non-Compound) | $2.50 \%$ (Non-Compound) |
| Employee Contributions: | $3.00 \%$ | $3.00 \%$ |
| DC Plan for New Hires: | $8 / 1 / 2015$ | $8 / 1 / 2015$ |
| Act 88: | Yes (Adopted 8/16/1963) | Yes (Adopted 8/16/1963) |

## Table 3: Participant Summary

| Division | 2022 Valuation |  | 2021 Valuation |  | 2022 Valuation |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual <br> Payroll ${ }^{1}$ | Number | Annual <br> Payroll ${ }^{1}$ | Average <br> Age | Average <br> Benefit <br> Service ${ }^{2}$ | Average <br> Eligibility <br> Service ${ }^{2}$ |
| 01-Gnrl |  |  |  |  |  |  |  |
| Active Employees | 21 | \$ 1,127,922 | 25 | \$ 1,366,616 | 55.2 | 19.5 | 21.0 |
| Vested Former Employees | 21 | 225,142 | 21 | 219,829 | 51.6 | 12.2 | 13.1 |
| Retirees and Beneficiaries | 75 | 1,133,860 | 71 | 1,050,879 | 72.3 |  |  |
| Pending Refunds | 16 |  | 18 |  |  |  |  |
| Total Municipality |  |  |  |  |  |  |  |
| Active Employees | 21 | \$ 1,127,922 | 25 | \$ 1,366,616 | 55.2 | 19.5 | 21.0 |
| Vested Former Employees | 21 | 225,142 | 21 | 219,829 | 51.6 | 12.2 | 13.1 |
| Retirees and Beneficiaries | 75 | 1,133,860 | 71 | 1,050,879 | 72.3 |  |  |
| Pending Refunds | 16 |  | 18 |  |  |  |  |
| Total Participants | 133 |  | 135 |  |  |  |  |

1 Annual payroll for active employees; annual deferred benefits payable for vested former employees; annual benefits being paid for retirees and beneficiaries.
${ }^{2}$ Descriptions can be found under Miscellaneous and Technical Assumptions in the Appendix.

## Table 4: Reported Assets (Market Value)

| Division | 2022 Valuation |  | 2021 Valuation |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Employer and Retiree ${ }^{1}$ | Employee ${ }^{2}$ | Employer and Retiree ${ }^{1}$ | Employee ${ }^{2}$ |
| 01 - Gnrl | \$ 12,354,248 | \$ 905,763 | \$ 14,361,223 | \$ 958,633 |
| S1 - Surplus Unassociated | 2,526,897 | 0 | 2,570,706 | 0 |
| Municipality Total ${ }^{3}$ | \$ 14,881,145 | \$ 905,763 | \$ 16,931,929 | \$ 958,633 |
| Combined Assets ${ }^{3}$ | \$15,786,908 |  | \$17,890,563 |  |

1 Reserve for Employer Contributions and Benefit Payments.
2 Reserve for Employee Contributions.
3 Totals may not add due to rounding.

The December 31, 2022 valuation assets (actuarial value of assets) are equal to 1.157665 times the reported market value of assets (compared to 0.998523 as of December 31, 2021). Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

Assets in the Surplus division(s) are employer assets that have been reserved separately and may be used within the plan at the employer's discretion at some point in the future. These assets are not used in calculating the employer contribution for the fiscal year beginning January 1, 2024.

Table 5: Flow of Valuation Assets

| Year Ended 12/31 | Employer Contributions |  | Employee Contributions | Investment <br> Income <br> (Valuation <br> Assets) | Benefit <br> Payments | Employee Contribution Refunds | NetTransfers | Valuation <br> Asset <br> Balance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Required | Additional |  |  |  |  |  |  |
| 2012 | \$ 156,324 | \$ 0 | 69,438 | \$ 519,180 | $(464,665)$ | \$ (18,180) | \$ 0 | 11,592,393 |
| 2013 | 141,200 | 0 | 73,865 | 688,536 | $(525,060)$ | $(1,511)$ | 0 | 11,969,423 |
| 2014 | 181,018 | 0 | 71,723 | 681,958 | $(587,518)$ | $(3,183)$ | 0 | 12,313,421 |
| 2015 | 219,053 | 0 | 85,602 | 609,083 | $(613,919)$ | $(2,351)$ | 0 | 12,610,889 |
| 2016 | 226,464 | 0 | 64,400 | 640,744 | $(703,219)$ | $(12,094)$ | 0 | 12,827,184 |
|  |  |  |  |  |  |  |  |  |
| 2017 | 266,448 | 0 | 55,364 | 763,561 | $(767,980)$ | $(9,208)$ | 0 | 13,135,369 |
| 2018 | 258,445 | 46,080 | 50,404 | 471,387 | $(854,096)$ | $(6,575)$ | 0 | 13,101,014 |
| 2019 | 276,576 | 360,686 | 47,927 | 622,746 | $(910,624)$ | $(5,240)$ | 0 | 13,493,085 |
| 2020 | 316,727 | 947,935 | 48,270 | 1,173,623 | $(961,641)$ | 0 | 0 | 15,017,999 |
| 2021 | 419,196 | 856,576 | 44,476 | 2,569,385 | $(1,023,634)$ | $(19,860)$ | 0 | 17,864,138 |
|  |  |  |  |  |  |  |  |  |
| 2022 | 592,188 | 218,996 | 36,767 | 639,569 | $(1,066,392)$ | $(9,315)$ | 0 | 18,275,951 |

Notes:
Transfers in and out are usually related to the transfer of participants between municipalities, and to employer and employee payments for service credit purchases (if any) that the governing body has approved.

The investment income column reflects the recognized investment income based on Valuation Assets. It does not reflect the market value investment return in any given year.

The Valuation Asset balance includes assets from Surplus divisions, if any.
Years where historical information is not available will be displayed with zero values.

Table 6: Actuarial Accrued Liabilities and Valuation Assets
as of December 31, 2022

| Division | Actuarial Accrued Liability |  |  |  |  |  |  |  | Valuation Assets |  | Percent <br> Funded | Unfunded (Overfunded) <br> Accrued Liabilities |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Active <br> Employees | Vested <br> Former <br> Employees |  | Retirees and Beneficiaries | Pending <br> Refunds |  | Total |  |  |  |  |  |  |
| 01 - Gnrl | \$ 5,240,432 | \$ | 2,183,388 | \$ 11,968,946 | \$ | 23,378 | \$ | 19,416,144 | \$ | 15,350,651 | 79.1\% | \$ | 4,065,493 |
| S1-Surplus Unassociated | 0 |  | 0 | 0 |  | 0 |  | 0 |  | 2,925,300 |  |  | (2,925,300) |
| Total | \$ 5,240,432 | \$ | 2,183,388 | \$ 11,968,946 | \$ | 23,378 | \$ | 19,416,144 | \$ | 18,275,951 | 94.1\% | \$ | 1,140,193 |

Please see the Comments on Asset Smoothing in the Executive Summary of this report.
The December 31, 2022 valuation assets (actuarial value of assets) are equal to 1.157665 times the reported market value of assets. Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

## Table 7: Actuarial Accrued Liabilities - Comparative Schedule

| Valuation Date December 31 | Actuarial <br> Accrued Liability | Valuation Assets | Percent <br> Funded | Unfunded (Overfunded) <br> Accrued Liabilities |
| :---: | :---: | :---: | :---: | :---: |
| 2008 | \$ 9,927,472 | \$ 10,353,922 | 104\% | \$ $(426,450)$ |
| 2009 | 10,250,691 | 10,640,897 | 104\% | $(390,206)$ |
| 2010 | 10,697,591 | 11,006,427 | 103\% | $(308,836)$ |
| 2011 | 10,827,507 | 11,330,296 | 105\% | $(502,789)$ |
| 2012 | 11,406,292 | 11,592,393 | 102\% | $(186,101)$ |
|  |  |  |  |  |
| 2013 | 12,163,363 | 11,969,423 | 98\% | 193,940 |
| 2014 | 12,735,860 | 12,313,421 | 97\% | 422,439 |
| 2015 | 14,333,735 | 12,610,889 | 88\% | 1,722,846 |
| 2016 | 14,703,549 | 12,827,184 | 87\% | 1,876,365 |
| 2017 | 15,161,226 | 13,135,369 | 87\% | 2,025,857 |
|  |  |  |  |  |
| 2018 | 15,274,448 | 13,101,014 | 86\% | 2,173,434 |
| 2019 | 16,238,893 | 13,493,085 | 83\% | 2,745,808 |
| 2020 | 18,048,699 | 15,017,999 | 83\% | 3,030,700 |
| 2021 | 19,207,905 | 17,864,138 | 93\% | 1,343,767 |
| 2022 | 19,416,144 | 18,275,951 | 94\% | 1,140,193 |

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012, 2015, 2019, 2020 and 2021 actuarial valuations.

The Valuation Assets include assets from Surplus divisions, if any.
Years where historical information is not available will be displayed with zero values.
Throughout this report are references to valuation results generated prior to the 2018 valuation date. Results prior to 2018 were received directly from the prior actuary or extracted from the previous valuation system by MERS's technology service provider.

## Tables 8 and 9: Division-Based Comparative Schedules

## Division 01 - Gnrl

Table 8-01: Actuarial Accrued Liabilities - Comparative Schedule

| Valuation Date | Actuarial <br> December 31 | Accrued Liability | Valuation Assets | Percent <br> Funded |
| :---: | ---: | ---: | :---: | :---: |
| 2012 | $\$ 11,406,292$ | $\$ 11,592,393$ | $102 \%$ | Unfunded <br> (Overfunded) <br> Accrued <br> Liabilities |
| 2013 | $12,163,363$ | $11,969,423$ | $98 \%$ | $(186,101)$ |
| 2014 | $12,735,860$ | $12,313,421$ | $97 \%$ | 193,940 |
| 2015 | $14,333,735$ | $12,610,889$ | $88 \%$ | 422,439 |
| 2016 | $14,703,549$ | $12,827,184$ | $87 \%$ | $1,722,846$ |
| 2017 |  |  |  | $1,876,365$ |
| 2018 | $15,161,226$ | $13,135,369$ | $87 \%$ |  |
| 2019 | $15,274,448$ | $13,101,014$ | $86 \%$ | $2,025,857$ |
| 2020 | $16,238,893$ | $13,147,917$ | $81 \%$ | $2,173,434$ |
| 2021 | $18,048,699$ | $13,590,913$ | $75 \%$ | $3,090,976$ |
| $19,207,905$ | $15,297,229$ | $80 \%$ | $4,457,786$ |  |
| 2022 |  |  |  | $3,910,676$ |

Notes: Actuarial assumptions were revised for the 2012, 2015, 2019, 2020 and 2021 actuarial valuations.
The percent funded does not reflect valuation assets from Surplus divisions, if any.
Table 9-01: Computed Employer Contributions - Comparative Schedule

| Valuation Date December 31 | Active Employees |  | Computed Employer Contribution ${ }^{1}$ | Employee Contribution Rate ${ }^{2}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Annual <br> Payroll |  |  |
| 2012 | 64 | \$ 2,374,536 | 7.60\% | 3.00\% |
| 2013 | 61 | 2,317,690 | 9.00\% | 3.00\% |
| 2014 | 61 | 2,383,929 | 9.50\% | 3.00\% |
| 2015 | 58 | 2,408,692 | \$ 27,324 | 3.00\% |
| 2016 | 49 | 1,974,029 | \$ 25,380 | 3.00\% |
|  |  |  |  |  |
| 2017 | 42 | 1,727,981 | \$ 25,608 | 3.00\% |
| 2018 | 40 | 1,673,482 | \$ 27,694 | 3.00\% |
| 2019 | 32 | 1,439,800 | \$ 34,933 | 3.00\% |
| 2020 | 31 | 1,590,755 | \$ 49,349 | 3.00\% |
| 2021 | 25 | 1,366,616 | \$ 43,312 | 3.00\% |
|  |  |  |  |  |
| 2022 | 21 | 1,127,922 | \$ 45,735 | 3.00\% |

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.
2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.
Note: The contributions shown in Table 9 reflect the employer contribution requirement without phase-in. If applicable, the current phase-in contribution is shown in Table 1.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available will be displayed with zero values.

Division S1 - Surplus Unassociated

Table 8-S1: Actuarial Accrued Liabilities - Comparative Schedule
$\begin{array}{|c|r|r|r|r|}\hline \text { Valuation Date } & \begin{array}{c}\text { Actuarial } \\ \text { December 31 }\end{array} & \text { Accrued Liability }\end{array}$ Valuation Assets $\left.\left.\begin{array}{c}\text { Percent } \\ \text { Funded }\end{array}\right] \begin{array}{c}\text { Unfunded } \\ \text { (Overfunded) } \\ \text { Accrued } \\ \text { Liabilities }\end{array}\right]$

Notes: Actuarial assumptions were revised for the 2012, 2015, 2019, 2020 and 2021 actuarial valuations.

Years where historical information is not available will be displayed with zero values.

Table 10: Division-Based Layered Amortization Schedule Division 01 - Gnrl

Table 10-01: Layered Amortization Schedule

| Type of UAL | Date <br> Established | Original <br> Balance ${ }^{1}$ |  | Original Amortization Period ${ }^{2}$ | Amounts for Fiscal Year Beginning 1/1/2024 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Outstanding UAL Balance ${ }^{3}$ | Remaining Amortization Period ${ }^{2}$ | Annual Amortization Payment |  |
| Initial | 12/31/2015 | \$ | 1,722,846 |  | 21 | \$ | 1,640,655 | 11 | \$ | 185,280 |
| (Gain)/Loss | 12/31/2016 |  | 35,723 | 19 |  | 34,153 | 11 |  | 3,852 |
| (Gain)/Loss | 12/31/2017 |  | 138,446 | 17 |  | 132,452 | 11 |  | 14,964 |
| (Gain)/Loss | 12/31/2018 |  | 137,878 | 15 |  | 132,804 | 11 |  | 15,000 |
| (Gain)/Loss | 12/31/2019 |  | 391,419 | 14 |  | 381,287 | 11 |  | 43,056 |
| Assumption | 12/31/2019 |  | 530,789 | 14 |  | 508,106 | 11 |  | 57,384 |
| Experience | 12/31/2020 |  | 1,339,721 | 13 |  | 1,339,130 | 11 |  | 151,224 |
| Experience | 12/31/2021 |  | $(580,117)$ | 12 |  | $(596,513)$ | 11 |  | $(67,368)$ |
| Experience | 12/31/2022 |  | 348,501 | 11 |  | 372,896 | 11 |  | 42,108 |
| Total |  |  |  |  | \$ | 3,944,970 |  | \$ | 445,500 |

[^0]The unfunded accrued liability (UAL) as of December 31, 2022 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2022 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to $12 / 31 / 2018$ were received from the prior actuary.

## GASB Statement No. 68 Information

The following information has been prepared to provide some of the information necessary to complete GASB Statement No. 68 disclosures. GASB Statement No. 68 is effective for fiscal years beginning after June 15, 2014. Additional resources, including an Implementation Guide, are available at http://www.mersofmich.com/.
 for funding purposes it is net of administrative expenses.

## GASB Statement No. 68 Information

This page is for those municipalities who need to "roll forward" their total pension liability due to the timing of completion of the actuarial valuation in relation to their fiscal year-end.

The following information has been prepared to provide some of the information necessary to complete GASB Statement No. 68 disclosures. GASB Statement No. 68 is effective for fiscal years beginning after June 15, 2014. Additional resources, including an Implementation Guide, are available at www.mersofmich.com.

$$
\begin{array}{ll}
\text { Actuarial Valuation Date: } & 12 / 31 / 2022 \\
\text { Measurement Date of the Total Pension Liability (TPL): } & 12 / 31 / 2023
\end{array}
$$

At 12/31/2022, the following employees were covered by the benefit terms:
Inactive employees or beneficiaries currently receiving benefits:
Inactive employees entitled to but not yet receiving benefits (including refunds): 37
Active employees: $\underline{21}$
133

Total Pension Liability as of 12/31/2022 measurement date: \$
19,090,095
Total Pension Liability as of 12/31/2023 measurement date: \$
19,206,568
Service Cost for the year ending on the 12/31/2023 measurement date: \$ 138,415
Change in the Total Pension Liability due to:

- Benefit changes ${ }^{1}$ : 0
- Differences between expected and actual experience ${ }^{2}$ : \$
$(176,451)$
- Changes in assumptions ${ }^{2}$ : \$

Average expected remaining service lives of all employees (active and inactive):
${ }^{1}$ A change in liability due to benefit changes is immediately recognized when calculating pension expense for the year.
${ }^{2}$ Changes in liability due to differences between actual and expected experience, and changes in assumptions, are recognized in pension expense over the average remaining service lives of all employees.

Note: Covered employee payroll may differ from the GASB Statement No. 68 definition.

Sensitivity of the Net Pension Liability to changes in the discount rate:

|  | $\begin{gathered} \text { 1\% Decrease } \\ \text { (6.25\%) } \end{gathered}$ |  |  |  | 1\% Increase (8.25\%) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Change in Net Pension Liability as of 12/31/2023: | 2,081,488 | \$ | 0 | \$ | $(1,761,691)$ |

Note: The current discount rate shown for GASB Statement No. 68 purposes is higher than the MERS assumed rate of return. This is because for GASB Statement No. 68 purposes, the discount rate must be gross of administrative expenses, whereas for funding purposes it is net of administrative expenses.

## Benefit Provision History

The following benefit provision history is provided by MERS. Any corrections to this history or discrepancies between this information and information displayed elsewhere in the valuation report should be reported to MERS. All provisions are listed by date of adoption.

## 01 - Gnrl

1/1/2021 Contract Employees - Included
1/1/2021 Seasonal Employees - Included
1/1/2021 Service Credit Qualification - 75 hours
1/1/2021 Custom Wages
12/1/2020 Non-Accelerated Amortization
1/1/2018 Non Standard Compensation Definition
1/1/2017 Service Credit Purchase Estimates - No
8/1/2015 Option B Yes
8/1/2015 Accelerated to 15-year Amortization
8/1/2015 DC Adoption Date 08-01-2015
10/1/2012
Exclude Temporary Employees requiring less than 12 months
1/1/2002
6 Year Vesting
1/1/2002 Benefit B-2 (No Max)
1/1/1992 E1 2.5\% COLA for past retirees (01/01/1992)
1/1/1992 E2 2.5\% COLA for future retirees (01/01/1992)
1/1/1990 Benefit F55 (With 25 Years of Service)
1/1/1989 Benefit B-1 (No Max)
1/1/1989 Member Contribution Rate 3.00\%
1/1/1988 E1 2.5\% COLA for past retirees (01/01/1988)
1/1/1967 Benefit C-1 (Old) (No Max)
8/16/1963
7/1/195
Covered by Act 88

7/1/1958
Benefit FAC-5 (5 Year Final Average Compensation)

7/1/1958 Benefit C (Old) (No Max)
7/1/1958 Member Contribution Rate 3.00\% Under \$4,200.00 - Then 5.00\%
Fiscal Month - January
Defined Benefit Normal Retirement Age - 60
Early Reduced (.5\%) at Age 50 with 25 Years or Age 55 with 15 Years

## S1-Surplus Unassociated

Fiscal Month - January

## Plan Provisions, Actuarial Assumptions, and Actuarial Funding Method

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix. Some actuarial assumptions are specific to this municipality and its divisions. These are listed below.

Increase in Final Average Compensation

| Division | FAC Increase <br> Assumption |
| :--- | :---: |
| All Divisions | $2.00 \%$ |

## Miscellaneous and Technical Assumptions

Loads - None.

Amortization Policy for Closed Not Linked Divisions: The default funding policy for closed not linked divisions, including open divisions with zero active members, is to follow a non-accelerated amortization, where each closed period decreases by one year each year until the period is exhausted. In select instances, closed not linked division(s) may follow an accelerated amortization policy.

## Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded ratio requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability, the actuarially determined contribution and the funded ratio that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- Investment Risk - actual investment returns may differ from the expected returns;
- Asset/Liability Mismatch - changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
- Salary and Payroll Risk - actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
- Longevity Risk - members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
- Other Demographic Risks - members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise, if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

## PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

| 12/31/2022 | 12/31/2021 | 12/31/2020 | 12/31/2019 | 12/31/2018 |
| :---: | :---: | :---: | :---: | :---: |
| 14.0 | 13.1 | 9.7 | 9.2 | 7.1 |
| 17.2 | 14.1 | 11.3 | 11.3 | 9.1 |
| 0.3 | 0.4 | 0.4 | 0.5 | 0.7 |
| 14.7 | 17.1 | 16.1 | 14.5 | 13.9 |
| -1.3\% | 1.8\% | 2.6\% | -1.9\% | -3.9\% |

## RATIO OF MARKET VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets $5 \%$ different than assumed would equal $10 \%$ of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

## RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of $100 \%$ is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

## RATIO OF ACTIVES TO RETIREES AND BENEFICIARIES

A young plan with many active members and few retirees will have a high ratio of actives to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A supermature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.

## RATIO OF MARKET VALUE OF ASSETS TO BENEFIT PAYMENTS

The MERS' Actuarial Policy requires a total minimum contribution equal to the excess (if any) of three times the expected annual benefit payments over the projected market value of assets as of the participating municipality or court's Fiscal Year for which the contribution applies. The ratio of market value of assets to benefit payments as of the valuation date provides an indication of whether the division is at risk for triggering the minimum contribution rule in the near term. If the division triggers this minimum contribution rule, the required employer contributions could increase dramatically relative to previous valuations.

## RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

## State Reporting

The following information has been prepared to provide some of the information necessary to complete the Public Act 202 pension reporting requirements for the State of Michigan's Local Government Retirement System Annual Report (Form No. 5572). Additional resources are available at www.mersofmich.com and on the State website.

| Form 5572 <br> Line Reference | Description | Result |
| :---: | :---: | :---: |
| 10 | Membership as of December 31, 2022 |  |
| 11 | Indicate number of active members | 21 |
| 12 | Indicate number of inactive members (excluding pending refunds) | 21 |
| 13 | Indicate number of retirees and beneficiaries | 75 |
| 14 | Investment Performance for Calendar Year Ending December 31, 2022 $^{1}$ |  |
| 15 | Enter actual rate of return - prior 1-year period | (10.37)\% |
| 16 | Enter actual rate of return - prior 5-year period | 4.95\% |
| 17 | Enter actual rate of return - prior 10-year period | 6.79\% |
| 18 | Actuarial Assumptions |  |
| 19 | Actuarial assumed rate of investment return ${ }^{2}$ | 7.00\% |
| 20 | Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any | Level Percent |
| 21 | Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any ${ }^{3}$ | 11 |
| 22 | Is each division within the system closed to new employees? ${ }^{4}$ | Yes |
| 23 | Uniform Assumptions |  |
| 24 | Enter retirement pension system's actuarial value of assets using uniform assumptions | \$17,053,508 |
| 25 | Enter retirement pension system's actuarial accrued liabilities using uniform assumptions ${ }^{5}$ | \$19,720,754 |
| 27 | Actuarially Determined Contribution (ADC) using uniform assumptions, Fiscal Year Ending December 31, 2023 | \$666,360 |

1. The Municipal Employees' Retirement System's investment performance has been provided to GRS from MERS Investment Staff and is included here for reporting purposes. The investment performance figures reported are net of investment expenses on a rolling calendar year basis for the previous 1-, $5-$, and 10-year periods as required under PA 530.
2. Net of administrative and investment expenses.
3. Populated with the longest amortization period remaining in the amortization schedule, across all divisions in the plan. This is when each division and the plan in total is expected to reach $100 \%$ funded if all assumptions are met.
4. If all divisions within the employer are closed, "yes." If at least one division is open (including shadow divisions), "no."
5. Line 25 actuarial accrued liability is determined under PA 202 uniform assumptions which differ from the valuation assumptions. In particular, the assumed rate of return for PA 202 purposes is $6.85 \%$.

[^0]:    ${ }^{1}$ For each type of UAL (layer), this is the original balance as of the date the layer was established.
    ${ }^{2}$ According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).
    ${ }^{3}$ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

