



MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM OF MICHIGAN
SUMMARY REPORT OF THE 71ST ANNUAL ACTUARIAL VALUATIONS
AS OF DECEMBER 31, 2016
FOR THE 735 DEFINED BENEFIT PLAN AND HYBRID PLAN
MUNICIPALITIES



September 14, 2017

The Retirement Board
Municipal Employees' Retirement System of Michigan
Lansing, Michigan

Ladies and Gentlemen:

This report presents a summary of the results of the 71st Annual Actuarial Valuations, prepared as of December 31, 2016, for the Municipal Employees' Retirement System (MERS) 735 Defined Benefit Plan and Hybrid Plan municipalities. The report was prepared at the request of the Retirement Board and is intended for use by the Retirement System.

MERS is an independent, professional retirement services organization that has partnered with Michigan municipalities for over 70 years. Each municipality in MERS is responsible for the employer contributions needed to provide benefits for its employees and former employees under the Michigan Constitution, the MERS Plan Document, and MERS' enabling legislation (Public Act 427 of 1984, as amended). The pension plan is a tax-qualified plan under section 401(a) of the Internal Revenue Code (most recent letter of Favorable Determination issued October 18, 2016).

The purpose of each municipality's December 31, 2016 annual actuarial valuation is to measure funding progress, to determine the employer contribution rates for the fiscal year beginning in 2018, and to determine the actuarial information for the Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68.

The purpose of this summary report is to provide an overview of the results of the valuations of the individual municipalities. Note that the combined results for all municipalities are not indicative of the financial status of each municipality, since each entity stands on its own financially, with separately computed liabilities and contribution requirements. MERS is not funded on a combined basis. The information in this report should not be used to compare the results between various employers or to compare the results of an employer to the combined results. There are many factors that would make this type of a comparison of minimal value. This report also contains certain information that is required to be included in the MERS Comprehensive Annual Financial Report.

This report should not be relied on for any purpose other than the purpose described in this cover letter. This report should be provided by the Retirement System to other interested parties only in its entirety. CBIZ Retirement Plan Services is not responsible for the consequences of unauthorized use.



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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; 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.

All of the undersigned actuaries are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The valuations were based upon information furnished by MERS. In accordance with Actuarial Standards of Practice No.23, the data was checked for internal and year to year consistency as well as general reasonableness, but was not otherwise audited. CBIZ Retirement Plan Services does not assume responsibility for the accuracy or completeness of the provided data.

Our actuarial valuation was based on the following:

- The benefit provisions of MERS, as described on pages 3 – 12 of Appendix D which is on the MERS website at: [Appendix](#)
- Demographic data on the participants covered, as described in Section II. Financial information regarding plan assets, as described in Section III.
- The actuarial assumptions and funding methods adopted by the Retirement Board. See pages 13 – 31 of Appendix D on the MERS website at: [Appendix](#)

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board and in compliance with Act No. 427 of the Public Acts of 1984, as amended, and the MERS Plan Document as revised. The actuarial assumptions used for this valuation produce results that we believe are reasonable.

Respectfully Submitted,

Handwritten signature of Cathy Nagy in black ink.

Cathy Nagy, MAAA, FSA

Handwritten signature of Jim Koss in black ink.

Jim Koss, MAAA, ASA

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Curtis Powell, MAAA, EA

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This publication contains a summary description of MERS benefits, policies or procedures. MERS has made every effort to ensure that the information provided is accurate and up to date. Where the publication conflicts with the relevant Plan Document, the Plan Document controls.

I. Results of the Actuarial Valuation

Our actuarial valuation of the liabilities and contribution rates for each of the 735 Defined Benefit Plan and Hybrid Plan participating municipalities in the Municipal Employees' Retirement System as of December 31, 2016 is based on four major elements:

1. The present benefit provisions of MERS, as governed by Act 220 of the Public Acts of 1996 and the MERS Plan Document, as revised, and various collective bargaining agreements (see Appendix D which is on the MERS website at: [Appendix](#)).
2. The characteristics of active and inactive MERS members as of December 31, 2016 (see Section II).
3. The assets attributable to MERS members of each participating municipality. The total assets (at actuarial value) for all 735 municipalities included in the December 31, 2016 valuation was \$9.14 billion. The market value of assets was \$8.48 billion.
4. The actuarial assumptions and funding method (see Appendix D which is on the MERS website at: [Appendix](#)). The results in this report reflect the new assumptions and funding policy adopted by the Retirement Board in July 2015.

The employer contribution rate has been determined for each open municipality based on the entry age normal funding method. Under the entry age normal funding method, the total employer contribution is comprised of the normal cost plus the amortization payment required to fund the unfunded actuarial accrued liability over a period of years.

- Beginning with the December 31, 2016 annual valuation, liabilities attributable to different events may be amortized over different periods (ie. layering is in effect).
- Please see the [Appendix](#) on the MERS website for a full description of the amortization policy and the layering.
- The asset smoothing period was changed from 10 to 5 years.

The total normal cost is, for each active member, the level percentage of payroll contribution (from entry age to retirement) required to accumulate sufficient assets at the member's retirement to pay for his or her projected benefit. The employer normal cost is the total normal cost reduced by the member contribution rate. Closed municipalities (no longer actively participating in MERS) are covered by special funding requirements.

The actuarial accrued liability represents the difference between the present value of all future benefits and the present value of future normal costs. The unfunded actuarial accrued liability (i.e., the actuarial accrued liability less assets accumulated as of the valuation date) is projected to the beginning of the fiscal year commencing in 2018, and is then amortized as noted in the [Appendix](#) .

Each of these components of the employer contribution (i.e., normal cost and amortization payment) are shown separately for each municipality in Appendix C. For open divisions, we show estimated dollar contributions (based on projected payroll, but the actual required contribution for open divisions will be based on actual reported monthly pays during the fiscal year and will be different). For closed divisions, we show the dollar contributions that MERS will invoice, unless the division is linked to an open division and the employer has requested a blended contribution rate.

Within each municipality, an individual employer contribution is determined for each valuation group (division). The employer contribution requirement for each municipality is shown in Appendix C. The funded status of each municipality is shown in Appendix B.

Municipality Funded Status

One measure of a municipality's funding progress is the ratio of its actuarial value of assets to actuarial accrued liabilities. The most recent MERS actuarial valuation is as of December 31, 2016. At that date 66 municipalities (9.2% of all Defined Benefit Plan and Hybrid Plan municipalities in MERS) were funded at 100% or higher. There were 401 municipalities in MERS that were funded at 70% or higher (56% of all municipalities).

Changes in Municipality Funding Percentages in 2016

Each municipality is responsible for funding its own benefit provisions, and funded percentages vary between municipalities, as shown in Table 1 and Chart 5. Factors that affect the change in a municipality's funded percentage during 2016 include:

- Funding Policy – The MERS funding policy results in a gradual change in the funded percentage towards 100% funding.
- Investment Experience – The 2016 valuations continue to phase-in the effect of the 2008 market losses, resulting in reduced funded percentages.
- Benefit Provision Changes – When a municipality's benefit provisions increase, the funded percentage usually decreases, and vice versa.
- Experience in Other Risk Areas (retirements, disabilities, withdrawals, pay increases, etc.) – Any material difference between what actually happened to participants in 2016 versus what the actuarial assumptions projected would happen will increase or decrease the funded percentage.
- Contributions in Excess of Minimum Requirements – Contributing more than the annual minimum required contribution would increase the municipality's funded percentage compared to what it would have been without the extra contribution.

Note that the above list is not all inclusive. Further, each municipality's funded status could be affected by a combination of these factors.

Comments on the Investment Markets

The actuarial value of assets, used to determine both municipalities' funded status and the required employer contributions, is based on a 5-year smoothed value of assets. Only a portion of each year's investment market losses or gains were recognized in the 2016 actuarial valuation reports. This reduces the volatility of the valuation results, which affects the required employer contributions and actuarial funded percentage.

As of December 31, 2016 the actuarial value of assets is 108% of market value. This means that meeting the actuarial assumption in the next few years will require average annual market returns that exceed the 7.75% assumed long-term investment return assumption.

If the current 8% difference between the actuarial value and market values of assets is not made up by greater than assumed investment returns in the future, employer contribution requirements may rise.

Table 1
Summary of the Valuation Results

| | December 31, | | |
|--|--------------|-----------|-----------|
| | 2016 | 2015 | 2014 |
| Number of Participating Municipalities | 720 | 717 | 713 |
| Number of Closed Municipalities ¹ | <u>15</u> | <u>15</u> | <u>15</u> |
| Total Defined Benefit and Hybrid Municipalities | 735 | 732 | 728 |
| Number of Valuation Divisions | | | |
| Open to new hires | 1,279 | 1,324 | 1,303 |
| Closed to new hires | 1,389 | 1,306 | 1,188 |
| Closed municipalities | <u>19</u> | <u>19</u> | <u>19</u> |
| Total | 2,687 | 2,649 | 2,510 |
| Total Active Member Payroll (millions) | \$1,780 | \$1,787 | \$1,744 |
| Assets at Market Value (millions) | \$8,483 | \$7,835 | \$8,057 |
| Assets at Actuarial Value (millions) | 9,136 | 8,893 | 8,539 |
| Actuarial Rate of Return | 5.14% | 5.21% | 5.90% |
| Actuarial Accrued Liability (millions) | \$13,680 | \$13,368 | \$12,096 |
| Average AAL Funded Percentage ² (based on actuarial value of assets) | 74% | 74% | 78% |
| Number of Municipalities ³ : | | | |
| Under 60% Funded | 153 | 155 | 115 |
| 60%-80% Funded | 324 | 334 | 307 |
| 80%-100% Funded | 177 | 174 | 203 |
| 100%+ Funded | 66 | 54 | 88 |

¹ Closed municipalities have ceased participation in MERS, but MERS retains assets and liabilities for future benefit payments to their retirees and vested former members.

² Average over all municipalities (excluding the closed municipalities).

³ Excludes the closed municipalities

II. Membership Characteristics

Active Members

The total number of defined benefit plan active members decreased from 35,274 on December 31, 2015 to 34,843 on December 31, 2016.

The basic demographic characteristics of the active members are shown below with comparative statistics for the past two years.

| Item | December 31, | | |
|---|--------------|-----------|-----------|
| | 2016 | 2015 | 2014 |
| Number of defined benefit plan active members | 34,843 | 35,274 | 35,302 |
| Average age | 45.9 | 46.1 | 46.2 |
| Average benefit service | 11.5 | 11.8 | 12.0 |
| Average vesting service | 12.2 | 12.4 | 12.6 |
| Average compensation | \$ 51,084 | \$ 50,656 | \$ 49,397 |
| Aggregate compensation (millions) | \$1,779.9 | \$1,786.8 | \$1,743.8 |

Vested Former Members

A vested former member is a person who terminated employment after meeting their division's vesting schedule, with rights to a deferred benefit commencing at normal retirement age, or earlier if early (unreduced) retirement benefits have been adopted.

There were 8,252 former employees with deferred vested rights as of December 31, 2016. This compares to 8,340 such members as of the prior valuation.

| Item | December 31, | | |
|--|--------------|---------|---------|
| | 2016 | 2015 | 2014 |
| Number of vested former members ¹ | 8,252 | 8,340 | 7,960 |
| Average age | 50.0 | 50.4 | 50.4 |
| Average annual deferred benefit | 10,327 | \$9,987 | \$9,789 |

¹ Excludes terminated employees who are not vested. However, any member contributions still on deposit for such persons are reflected as an accrued liability for pending refunds.

Retirees and Beneficiaries

There were 38,774 retirees and beneficiaries receiving payments as of December 31, 2016. The table below presents age and benefit information as of the current valuation and for the past two years.

| Item | December 31, | | |
|------------------------|--------------|----------|----------|
| | 2016 | 2015 | 2014 |
| Number of pensioners | 38,774 | 37,467 | 35,754 |
| Average age | 69.2 | 69.1 | 69.0 |
| Average annual benefit | \$21,216 | \$20,768 | \$20,224 |

Table 2
Participating Municipalities and Covered Persons Historical Comparison

| Valuation Date Dec. 31, | No. of DB and Hybrid Municipalities | Active Members | | | | Persons on Deferred Status | Annual Deferred Benefits |
|-------------------------|-------------------------------------|----------------|----------------|-------------|------------------|----------------------------|--------------------------|
| | | Number | Annual Payroll | Average Pay | Percent Increase | | |
| 1980 | 334 | 29,528 | \$ 399,413,360 | \$ 13,527 | 12.0 % | 432 | |
| 1981 | 332 | 29,289 | 430,542,086 | 14,700 | 8.7 | 439 | |
| 1982 | 333 | 28,896 | 461,539,421 | 15,972 | 8.7 | 504 | |
| 1983 | 336 | 29,095 | 483,436,531 | 16,616 | 4.0 | 524 | |
| 1984 | 337 | 28,927 | 505,865,473 | 17,488 | 5.2 | 549 | |
| 1985 | 342 | 29,659 | 544,238,433 | 18,350 | 4.9 | 641 | |
| 1986 | 345 | 30,036 | 577,785,159 | 19,236 | 4.8 | 681 | |
| 1987 | 349 | 29,802 | 598,014,814 | 20,066 | 4.3 | 846 | |
| 1988 | 361 | 30,345 | 635,074,449 | 20,928 | 4.3 | 839 | |
| 1989 | 370 | 31,313 | 674,297,441 | 21,534 | 2.9 | 955 | |
| 1990 | 381 | 32,256 | 725,691,155 | 22,498 | 4.5 | 1,261 | |
| 1991 | 401 | 33,118 | 782,914,985 | 23,640 | 5.1 | 1,605 | |
| 1992 | 418 | 34,001 | 852,361,539 | 25,069 | 6.0 | 1,855 | |
| 1993 | 438 | 34,139 | 869,313,319 | 25,464 | 1.6 | 1,941 | |
| 1994 | 463 | 34,994 | 925,500,706 | 26,447 | 3.9 | 2,034 | |
| 1995 | 490 | 35,611 | 972,975,649 | 27,322 | 3.3 | 2,322 | |
| 1996 | 506 | 36,070 | 1,025,214,728 | 28,423 | 4.0 | 2,713 | |
| 1997 | 529 | 36,547 | 1,068,597,733 | 29,239 | 3.0 | 3,752 | |
| 1998 | 541 | 36,817 | 1,163,056,817 | 31,590 | 8.0 | 4,369 | |
| 1999 | 552 | 36,472 | 1,179,274,854 | 32,334 | 2.4 | 4,794 | |
| 2000 | 560 | 36,573 | 1,225,992,204 | 33,522 | 3.7 | 5,303 | |
| 2001 | 561 | 36,583 | 1,271,563,960 | 34,758 | 3.7 | 5,799 | \$34,788,263 |
| 2002 | 575 | 37,043 | 1,327,360,448 | 35,833 | 3.1 | 5,510 | 35,150,225 |
| 2003 | 594 | 37,159 | 1,381,197,725 | 37,170 | 3.7 | 5,575 | 37,240,512 |
| 2004 | 615 | 36,766 | 1,437,211,517 | 39,091 | 5.2 | 5,804 | 40,567,372 |
| 2005 | 644 | 36,467 | 1,462,411,810 | 40,102 | 2.6 | 6,126 | 43,894,457 |
| 2006 | 668 | 36,846 | 1,545,886,480 | 41,955 | 4.6 | 6,235 | 46,110,745 |
| 2007 | 683 | 36,518 | 1,581,597,937 | 43,310 | 3.2 | 6,438 | 50,135,311 |
| 2008 | 692 | 36,092 | 1,624,855,145 | 45,020 | 3.9 | 6,662 | 54,141,539 |
| 2009 | 699 | 35,598 | 1,636,501,282 | 45,972 | 2.1 | 6,726 | 55,557,591 |
| 2010 | 715 | 35,816 | 1,683,983,258 | 47,018 | 2.3 | 6,961 | 60,836,793 |
| 2011 | 721 | 35,111 | 1,669,676,476 | 47,554 | 1.1 | 7,160 | 63,257,208 |
| 2012 | 726 | 34,187 | 1,640,390,877 | 47,983 | 0.9 | 7,262 | 66,638,525 |
| 2013 | 728 | 34,809 | 1,687,391,045 | 48,476 | 1.0 | 7,620 | 72,185,583 |
| 2014 | 728 | 35,302 | 1,743,799,124 | 49,397 | 1.9 | 7,690 | 77,919,750 |
| 2015 | 732 | 35,274 | 1,786,825,334 | 50,656 | 2.5 | 8,340 | 83,291,898 |
| 2016 | 735 | 34,843 | 1,779,919,980 | 51,084 | 0.8 | 8,252 | 85,220,062 |

Table 2 provides a historical comparison of the number of active and vested former members included in the actuarial valuations, along with the number of Defined Benefit Plan and Hybrid Plan municipalities.

Table 3**Benefits Being Paid to Retirees and Beneficiaries
Historical Comparison**

| Valuation Date December 31, | Number of Retirees and Beneficiaries | Percent Increase in Retirees and Beneficiaries | Annual Retirement Allowances | Percent Increase in Retirement Allowances |
|--|---|---|---|--|
| 1980 | 6,423 | 6.9 % | \$ 15,234,503 | 13.3 % |
| 1981 | 6,861 | 6.8 | 17,446,778 | 14.5 |
| 1982 | 7,175 | 4.6 | 19,618,191 | 12.4 |
| 1983 | 7,554 | 5.3 | 21,674,209 | 10.5 |
| 1984 | 7,902 | 4.6 | 24,369,121 | 12.4 |
| 1985 | 8,343 | 5.6 | 27,747,190 | 13.9 |
| 1986 | 8,741 | 4.8 | 31,567,968 | 13.8 |
| 1987 | 9,104 | 4.2 | 35,740,364 | 13.2 |
| 1988 | 9,500 | 4.3 | 40,676,119 | 13.8 |
| 1989 | 9,863 | 3.8 | 45,635,598 | 12.2 |
| 1990 | 10,317 | 4.6 | 51,738,242 | 13.4 |
| 1991 | 11,061 | 7.2 | 61,807,210 | 19.5 |
| 1992 | 11,617 | 5.0 | 71,044,806 | 14.9 |
| 1993 | 12,040 | 3.6 | 80,964,212 | 14.0 |
| 1994 | 12,492 | 3.8 | 91,226,923 | 12.7 |
| 1995 | 13,032 | 4.3 | 102,010,673 | 11.8 |
| 1996 | 13,263 | 1.8 | 109,841,190 | 7.7 |
| 1997 | 14,236 | 7.3 | 123,112,928 | 12.1 |
| 1998 | 14,790 | 3.9 | 138,700,740 | 12.7 |
| 1999 | 15,325 | 3.6 | 152,771,711 | 10.1 |
| 2000 | 16,275 | 6.2 | 173,549,622 | 13.6 |
| 2001 | 16,905 | 3.9 | 191,785,646 | 10.5 |
| 2002 | 17,538 | 3.7 | 210,982,922 | 10.0 |
| 2003 | 18,443 | 5.2 | 236,588,632 | 12.1 |
| 2004 | 19,271 | 4.5 | 262,221,987 | 10.8 |
| 2005 | 20,155 | 4.6 | 288,061,637 | 9.9 |
| 2006 | 21,464 | 6.5 | 322,522,645 | 12.0 |
| 2007 | 22,600 | 5.3 | 353,541,830 | 9.6 |
| 2008 | 23,832 | 5.5 | 391,959,046 | 10.9 |
| 2009 | 24,930 | 4.6 | 423,577,691 | 8.1 |
| 2010 | 26,930 | 8.0 | 481,476,493 | 13.7 |
| 2011 | 28,202 | 4.7 | 520,998,787 | 8.2 |
| 2012 | 29,739 | 5.4 | 565,478,715 | 8.5 |
| 2013 | 32,460 | 9.1 | 628,103,333 | 11.1 |
| 2014 | 35,754 | 10.1 | 723,077,656 | 15.1 |
| 2015 | 37,467 | 4.8 | 778,114,296 | 7.6 |
| 2016 | 38,774 | 3.5 | 822,640,812 | 5.7 |

Table 3 shows a historical comparison of the number of retirees and beneficiaries and the annual benefits paid to retirees and beneficiaries, together with various ratios.

Chart 1 MERS Growth

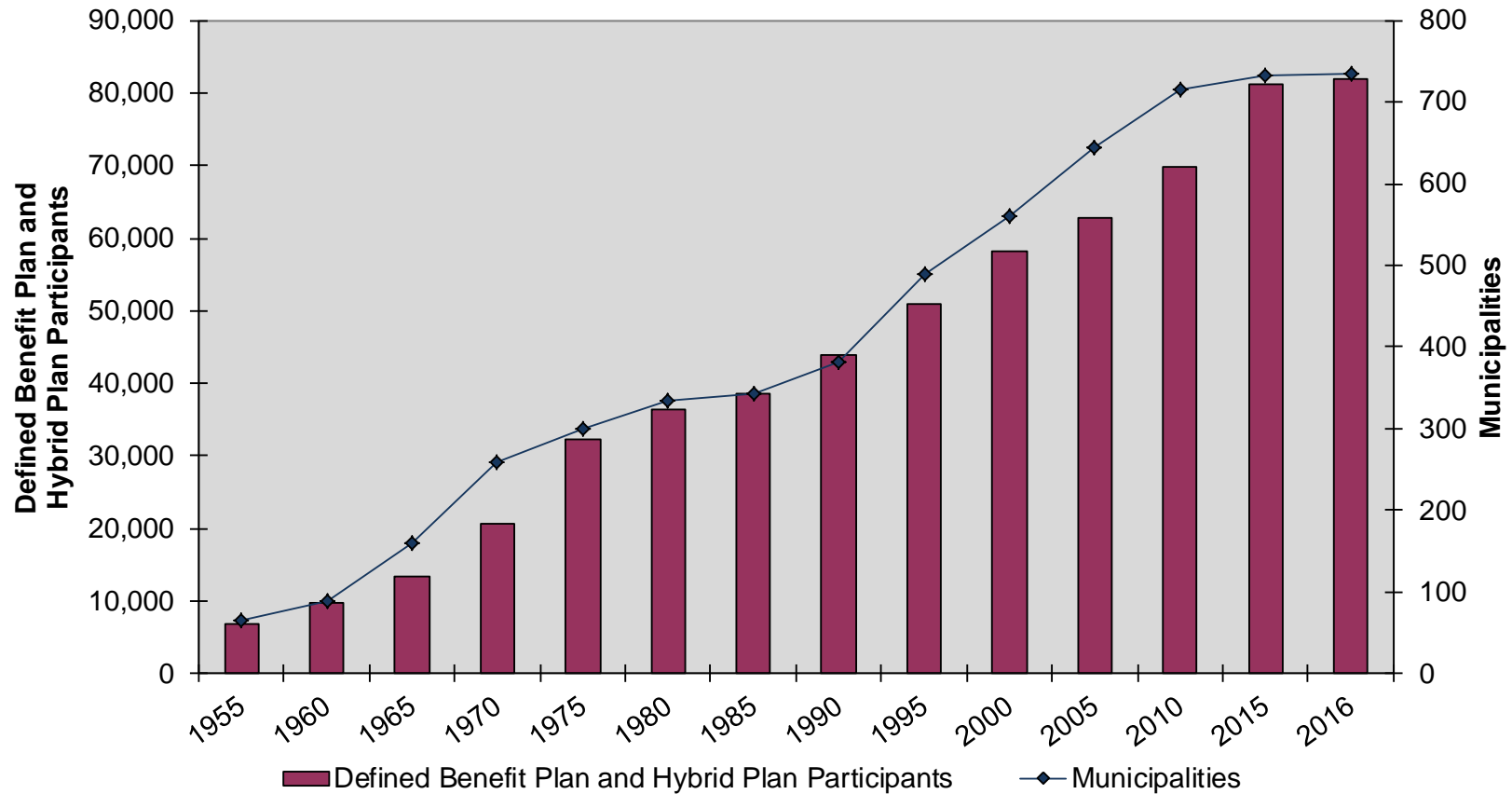


Chart 1 presents a comparison of the growth in MERS Defined Benefit Plan and Hybrid Plan municipalities to the growth in plan participants (active members, vested former members and retirees).

Chart 2

Active and Retired Participants

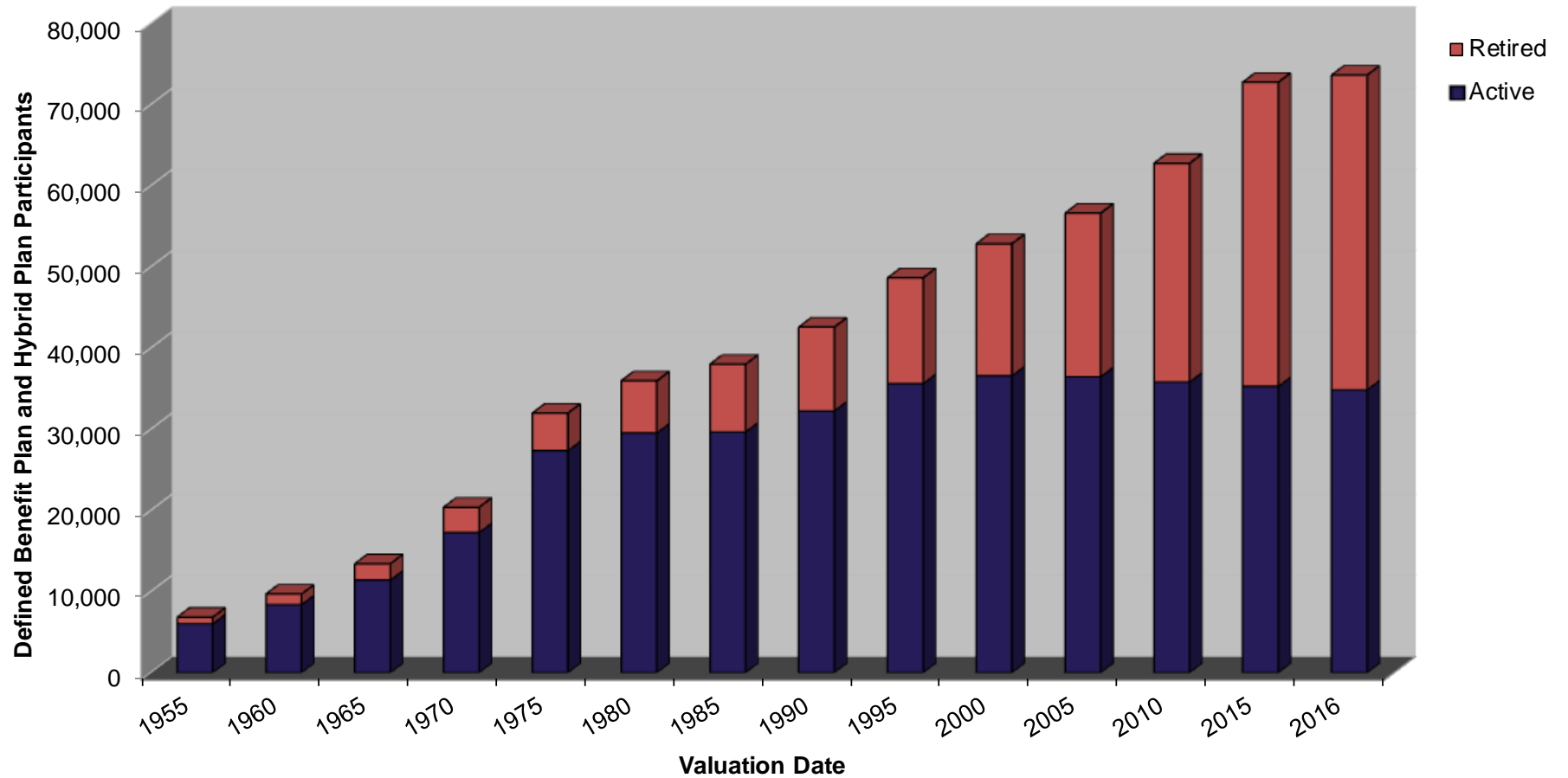


Chart 2 illustrates graphically the historical growth in the number of active members and retirees and beneficiaries.

Chart 3
Active Members Per Pension Recipient

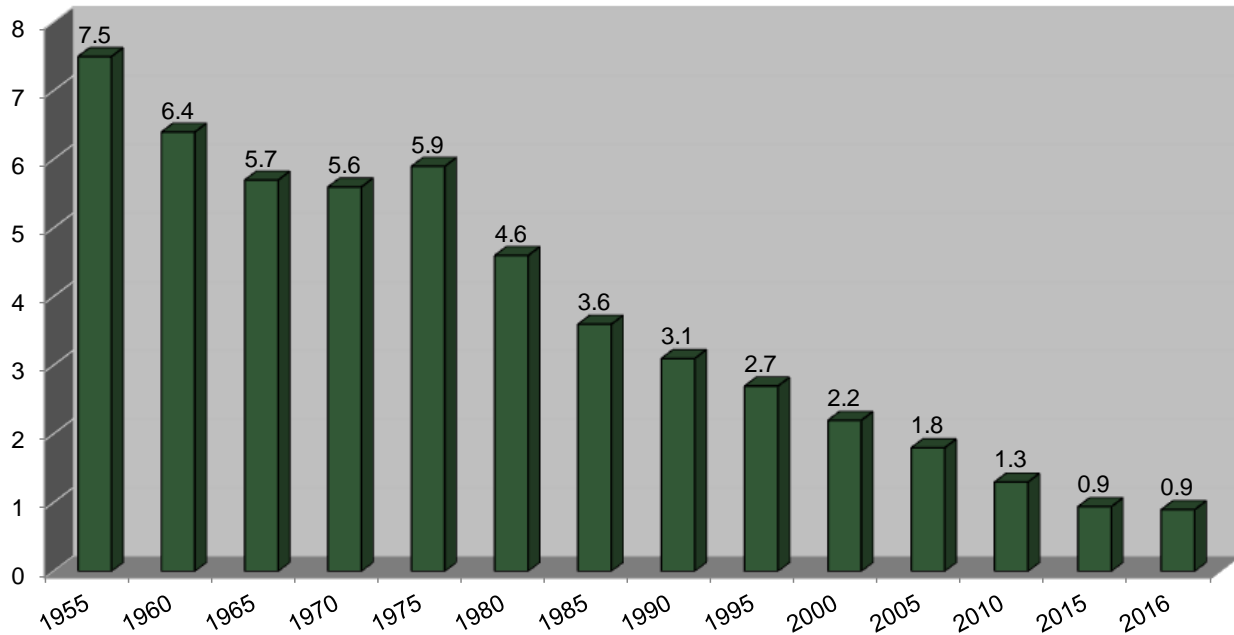
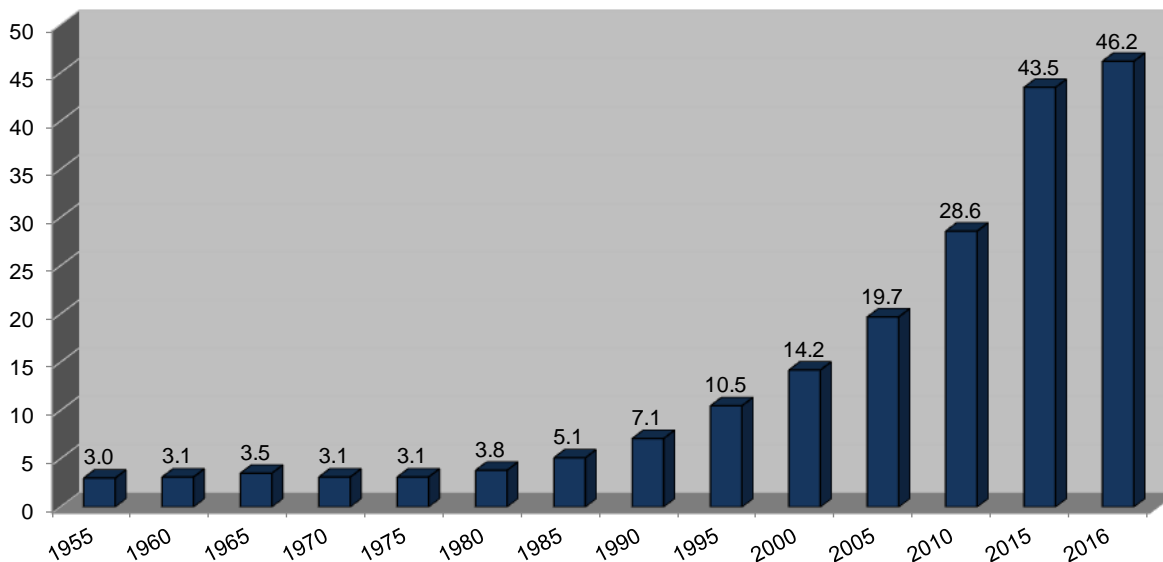


Chart 4
Retiree Benefits as a Percent of Active Pay



Charts 3 and 4 illustrate how MERS has matured over the years. Over time the number of active members per retiree has declined from over 7 to just under 1. This ratio is expected to temporarily dip further below 1, due to employee divisions that are closed to new hires, but then eventually stabilize around 1. The benefit payout as a percentage of active payroll has increased to over 46%.

Table 4

**Number and Average Pay of Members in Active Service
as of December 31, 2016 by Age and Years of Benefit Service**

| Age | Total | Years of Benefit Service | | | | | | |
|-----------|--------------------|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30 & Over |
| Total | 34,843 \$51,084 | 11,778 \$42,275 | 5,553 \$51,378 | 5,209 \$54,351 | 5,659 \$56,294 | 3,471 \$59,748 | 1,968 \$59,519 | 1,205 \$58,506 |
| Under 20 | 80 \$21,788 | 80 \$21,788 | | | | | | |
| 20-24 | 1,121 \$34,055 | 1,110 \$33,996 | 11 \$39,989 | | | | | |
| 25-29 | 2,598 \$42,215 | 2,247 \$41,806 | 341 \$45,116 | 10 \$35,208 | | | | |
| 30-34 | 3,327 \$48,469 | 1,919 \$43,822 | 990 \$54,684 | 400 \$55,303 | 18 \$50,178 | | | |
| 35-39 | 3,843 \$52,762 | 1,441 \$44,766 | 861 \$54,058 | 1,035 \$59,609 | 490 \$59,200 | 16 \$63,051 | | |
| 40-44 | 4,442 \$55,001 | 1,206 \$43,936 | 756 \$54,258 | 846 \$58,453 | 1,257 \$61,314 | 369 \$63,438 | 8 \$47,126 | |
| 45-49 | 5,510 \$55,878 | 1,199 \$44,522 | 760 \$51,475 | 816 \$54,867 | 1,275 \$58,872 | 1,094 \$65,684 | 357 \$64,870 | 9 \$59,459 |
| 50-54 | 5,450 \$53,041 | 1,087 \$42,344 | 666 \$49,845 | 740 \$53,582 | 1,062 \$54,906 | 872 \$57,937 | 731 \$61,160 | 292 \$57,052 |
| 55-59 | 4,895 \$50,847 | 883 \$44,033 | 618 \$47,608 | 741 \$48,302 | 924 \$50,558 | 706 \$55,248 | 546 \$56,883 | 477 \$58,750 |
| 60-64 | 2,679 \$50,640 | 453 \$42,722 | 370 \$49,137 | 444 \$49,748 | 514 \$49,737 | 324 \$52,449 | 258 \$54,945 | 316 \$61,106 |
| 65 & Over | 898 \$45,064 | 153 \$34,432 | 180 \$43,655 | 177 \$40,630 | 119 \$49,846 | 90 \$50,997 | 68 \$53,778 | 111 \$53,800 |

Table 4 shows the distribution of active members by age and service and includes information on average compensation.

**Table 5
Retirees and Beneficiaries
as of December 31, 2016
Tabulated by Attained Ages**

| Age | Number |
|---------------------------|--------|
| Under 50 | 637 |
| 50 - 54 | 1,195 |
| 55 - 59 | 3,466 |
| 60 - 64 | 8,558 |
| 65 - 69 | 8,933 |
| 70 - 74 | 6,032 |
| 75 - 79 | 4,073 |
| 80 - 84 | 2,815 |
| 85 - 89 | 1,837 |
| 90 - 94 | 880 |
| 95 - 99 | 241 |
| 100 & Over | 26 |
| Certain Only ¹ | 81 |
| Total | 38,774 |

¹ These are beneficiaries of deceased retirees who had elected term certain and life options. The beneficiaries receive benefits until the end of the term certain period.

**Table 6
Retirees and Beneficiaries
as of December 31, 2016
Average Annual Pension by Year of Retirement²**

| Year of Retirement | Number | Average Annual Pension |
|--------------------|--------|------------------------|
| Before 1960 | 2 | \$ 835 |
| 1960 - 1969 | 24 | 5,672 |
| 1970 - 1979 | 337 | 7,715 |
| 1980 - 1989 | 2,263 | 10,894 |
| 1990 - 1999 | 6,773 | 17,858 |
| 2000 - 2009 | 14,008 | 23,105 |
| 2010 - 2016 | 15,367 | 22,818 |
| Total | 38,774 | 21,216 |

² As new divisions with existing retirees and beneficiaries join MERS, the year of retirement is set equal to the year the division joins MERS. This skews the number of retirees and beneficiaries as well as the average annual pension in years when this occurs.

Allowances Being paid Retirees and Beneficiaries December 31, 2016

Table 7
Tabulated by Type of Benefit Being Paid

| Type of Benefit | Number of Retirees | Number as a Percent of Total | Total Monthly Benefits |
|---------------------------------------|--------------------|------------------------------|------------------------|
| Normal Retirement for age and service | 31,593 | 81.5 % | \$ 60,413,646 |
| Non-Duty Disability ¹ | 1,183 | 3.1 | 1,568,663 |
| Duty Disability ¹ | 583 | 1.5 | 1,005,659 |
| Beneficiaries ² | 4,534 | 11.7 | 4,614,382 |
| Non-Duty Death | 824 | 2.1 | 891,893 |
| Duty Death | <u>57</u> | <u>0.1</u> | <u>59,157</u> |
| Totals | 38,774 | 100.0 % | \$ 68,553,400 |

¹ At age 60, these benefit types are converted to normal retirement for age and service.

² Includes EDRO alternate payees.

Table 8
Tabulated by Optional Form of Benefit Being Paid

| Type of Benefit | Number of Retirees | Number as a Percent of Total | Total Monthly Benefits |
|--|--------------------|------------------------------|------------------------|
| Beneficiary draws 100% of retiree's benefit | 11,886 | 30.7 % | \$ 21,958,263 |
| Beneficiary draws 67% of retiree's benefit | 4 | 0.0 | \$ 13,968 |
| Beneficiary draws 75% of retiree's benefit | 2,480 | 6.4 | 6,024,859 |
| Beneficiary draws 60% of retiree's benefit | 414 | 1.1 | 1,482,241 |
| Beneficiary draws 50% of retiree's benefit | 5,636 | 14.5 | 11,664,382 |
| Equated Option (changing at Social Security age) | 422 | 1.1 | 401,652 |
| 5 year certain and life | 306 | 0.8 | 478,773 |
| 10 year certain and life | 803 | 2.1 | 1,525,936 |
| 15 year certain and life | 227 | 0.6 | 340,609 |
| 20 year certain and life | 476 | 1.2 | 697,693 |
| Straight life allowance | <u>16,120</u> | <u>41.5</u> | <u>23,965,024</u> |
| Totals | 38,774 | 100.0 % | \$ 68,553,400 |

Table 9
Valuation Divisions in 2016, 2015, and 2014 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities and Shadow Divisions – see Table 1)

| Benefit Formula | Number of Divisions with Benefit on December 31, | | |
|--|---|------|------|
| | 2016 | 2015 | 2014 |
| 1.00% Multiplier (80% max) | 1 | 1 | 1 |
| 1.00% Multiplier (no max) | 7 | 7 | 4 |
| 1.00% Multiplier (30% max, except for purchased service) | 1 | 1 | 1 |
| 1.20% Multiplier (no max) | 1 | 2 | 2 |
| 1.30% Multiplier (no max) | 25 | 24 | 23 |
| Svc x (1.00% times FAC<\$4,200, plus 1.50% times FAC>\$4,200) | 7 | 7 | 7 |
| 1.50% Multiplier (80% max) | 9 | 9 | 8 |
| 1.50% Multiplier (no max) | 119 | 105 | 94 |
| Svc x (1.20% times FAC<\$4,200, plus 1.70% times FAC>\$4,200) | 14 | 14 | 15 |
| 1.70% Multiplier for Svc < 25 yrs, 1.50% for Svc > 25 yrs (80% max) | 0 | 0 | 0 |
| 1.70% Multiplier (no max) | 80 | 80 | 79 |
| 1.75% Multiplier (no max) | 1 | 1 | 0 |
| 1.80% Multiplier (no max) | 0 | 1 | 1 |
| 2.00% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (55% max) | 1 | 1 | 1 |
| 2.00% Multiplier (75% max) | 2 | 2 | 2 |
| 2.00% multiplier (80% max) | 4 | 3 | 2 |
| 2.00% Multiplier (no max) | 372 | 373 | 371 |
| 2.20% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (80% max) | 1 | 1 | 1 |
| 2.20% Multiplier for Svc < 15 yrs, 2.40% for Svc 16-25 yrs, 1.00% for Svc > 25 yrs (80% max) | 1 | 1 | 1 |
| 2.20% Multiplier (no max) | 6 | 6 | 6 |
| 2.25% Multiplier (70% max) | 1 | 1 | 0 |
| 2.25% Multiplier (75% max) | 0 | 1 | 0 |
| 2.25% Multiplier (80% max) | 529 | 531 | 531 |
| 2.25% Multiplier (no max) | 12 | 11 | 9 |
| 2.35% Multiplier (80% max) | 3 | 3 | 3 |
| 2.40% Multiplier (80% max) | 1 | 1 | 1 |
| 2.50% Multiplier (70% max) | 1 | 1 | 1 |
| 2.50% Multiplier (75% max) | 6 | 6 | 6 |
| 2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (80% max) | 1 | 1 | 1 |
| 2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max) | 5 | 5 | 5 |
| 2.50% Multiplier (80% max) | 888 | 904 | 909 |
| 2.50% Multiplier (85% max) | 2 | 0 | 0 |
| 2.50% Multiplier (no max) | 8 | 9 | 9 |
| 2.57% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max) | 1 | 1 | 1 |
| 2.60% Multiplier for Svc <20 yrs, 2.25% for Svc > 20 yrs (no max) | 3 | 3 | 3 |
| 2.60% Multiplier for Svc <25 yrs, 2.75% for Svc > 25 yrs (74% max) | 1 | 1 | 0 |
| 2.60% Multiplier (65% max) | 1 | 1 | 0 |
| 2.70% Multiplier for Svc < 25 yrs, 2.50% for Svc 25-30 yrs, 1.00% for Svc > 30 yrs (no max) | 1 | 2 | 2 |
| 2.75% Multiplier (80% max) | 21 | 21 | 21 |
| 2.75% Multiplier (85% max) | 1 | 1 | 1 |
| 2.80% Multiplier (75% max) | 1 | 1 | 1 |

Table 9 shows the distribution of benefit provisions in effect for the 2016 and past two valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Table 9 (Continued)
Valuation Divisions in 2016, 2015, and 2014 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities and Shadow Divisions – see Table 1)

| Benefit Formula | Number of Divisions with Benefit on December 31, | | |
|--|--|------|------|
| | 2016 | 2015 | 2014 |
| 2.80% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (80% max) | 4 | 4 | 4 |
| 2.80% Multiplier for Svc < 25 yrs, 2.50% for Svc 25-30 yrs, 1.00% for Svc > 30 yrs (no max) | 6 | 8 | 8 |
| 2.80% Multiplier (80% max) | 17 | 17 | 17 |
| 2.80% Multiplier (84% max) | 1 | 0 | 0 |
| 2.80% Multiplier for Svc < 30 yrs, 1.00% for Svc > 30 yrs (no max) | 2 | 2 | 2 |
| 2.80% Multiplier for Svc < 35 yrs, 1.50% for Svc > 35 yrs (100% max) | 2 | 2 | 2 |
| 2.80% Multiplier for first 12 yrs 9 months, 1.80% Multiplier for next 8 yrs 5 months; 2.00% multiplier for svc after 12/31/2012 (no max) | 1 | 0 | 0 |
| 3.00% Multiplier (80% max) | 20 | 21 | 21 |
| 3.00% Multiplier (75% max) | 5 | 5 | 5 |
| 3.20% Multiplier (80% max) | 9 | 9 | 9 |
| 2.00% to Social Security Age (no max), 1.50% after SS Age (no max) | 1 | 1 | 1 |
| 2.00% to Social Security Age (no max), after SS Age Svc x (1.2% FAC<\$4,200, 1.7% FAC>\$4200) | 7 | 7 | 7 |
| 2.00% to Social Security Age (no max), 1.70% after SS Age (no max) | 35 | 35 | 34 |
| 2.50% to Social Security Age (80% max), 2.25% after SS Age (80% max) | 2 | 2 | 2 |
| 2.50% to Age 65 (80% max), 2.25% after Age 65 (80% max) | 1 | 1 | 1 |
| 2.80% to Age 65 (80% max), 2.50% after Age 65 (80% max) | 1 | 1 | 1 |
| Old Plan Benefits | 24 | 23 | 20 |
| Retire Before 25 Years: 1.70% Multiplier (no max); Retire After 25 Years: 2.00% Multiplier (no max) | 1 | 1 | 1 |
| Before SSAge: 2.8% for first 25 years of service; 1.0% for service over 25 years (75% max). After SSAge: 2.38% (75% max) | 2 | 2 | 0 |
| Before SSAge: 2.8% for service before 12/31/12; 1.0% for service after 12/31/12 (Termination FAC). After SSAge: 2.38% for service before 12/31/12; 1.0% for service after 12/31/12 (Termination FAC) | 2 | 2 | 0 |
| Frozen Benefits | 9 | 3 | 0 |
| Prepayment of Employer Contributions for Divisions 02, 13, and 20 | 1 | 1 | 1 |
| Subtotal | 2292 | 2291 | 2259 |
| Bridged Benefit: 1.70% Multiplier for Svc < 25 yrs, 1.50% for Svc > 25 yrs (80% max) Frozen FAC; to 1.00% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: 1.70% Multiplier for Svc < 25 yrs, 1.50% for Svc > 25 yrs (80% max) Frozen FAC; to 1.50% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.50% Multiplier (no max) | 12 | 11 | 7 |
| Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.70% Multiplier (no max) | 3 | 3 | 3 |
| Bridged Benefit: 2.20% Multiplier for Svc < 15 yrs, 2.40% for Svc 16-25 yrs, 1.00% for Svc > 25 yrs (80% max) Frozen FAC; to 1.50% Multiplier (80% max) | 2 | 2 | 2 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.30% Multiplier (no max) | 2 | 1 | 1 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max) | 2 | 1 | 0 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max) | 4 | 4 | 4 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.80% Multiplier (no max) | 1 | 0 | 0 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max) | 6 | 5 | 4 |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (80% max) | 1 | 1 | 1 |
| Bridged Benefit: 2.35% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max) | 2 | 2 | 2 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.25% Multiplier (no max) | 3 | 0 | 0 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.30% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max) | 8 | 7 | 7 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max) | 5 | 5 | 5 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.75% Multiplier (80% max) | 1 | 1 | 0 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.90% Multiplier (80% max) | 1 | 1 | 1 |

Table 9 shows the distribution of benefit provisions in effect for the 2016 and past two valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Table 9 (Concluded)

**Valuation Divisions in 2016, 2015, and 2014 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities and Shadow Divisions – see Table 1)**

| Benefit Formula | Number of Divisions with Benefit on December 31, | | |
|--|--|------|------|
| | 2016 | 2015 | 2014 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max) | 8 | 6 | 6 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (80% max) | 1 | 2 | 1 |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max) | 21 | 13 | 9 |
| Bridged Benefit: 2.70% Multiplier svc <25 yrs, 2.50% svc 25-30 yrs, 1.00% svc>30 yrs (no max) Frozen FAC; to 2.25% Multiplier (80% max) | 1 | 0 | 0 |
| Bridged Benefit: 2.80% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max) | 5 | 5 | 4 |
| Bridged Benefit: 2.80% Multiplier svc <25 yrs, 2.50% svc 25-30 yrs, 1.00% svc>30 yrs (no max) Frozen FAC; to 2.25% Multiplier (80% max) | 2 | 0 | 0 |
| Bridged Benefit: 3.00% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max) | 1 | 0 | 0 |
| Bridged Benefit: 3.00% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: 1.50% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max) | 4 | 4 | 4 |
| Bridged Benefit: 1.70% Multiplier (no max) Frozen FAC; to 1.30% Multiplier (no max) | 1 | 0 | 0 |
| Bridged Benefit: 1.70% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 1.00% Multiplier (no max) Termination FAC; to 2.00% Multiplier (60% overall max, except for pre-bridge purchased service) | 1 | 1 | 1 |
| Bridged Benefit: 1.60% Multiplier (no max) Termination FAC; to 2.00% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 1.80% Multiplier (no max) Termination FAC; to 2.00% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 2.00% Multiplier (no max) Termination FAC; to 2.25% Multiplier (80% max) | 1 | 1 | 0 |
| Bridged Benefit: 2.25% Multiplier (80% max) Termination FAC; to 1.50% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: 2.25% Multiplier (80% max) Termination FAC; to 2.00% Multiplier (no max) | 2 | 0 | 0 |
| Bridged Benefit: 2.25% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max) | 1 | 1 | 1 |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 1.50% Multiplier (no max) | 1 | 0 | 0 |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 2.00% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 2.25% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 3.00% Multiplier (no max) | 1 | 1 | 1 |
| Bridged Benefit: 2.80% Multiplier (80% max) Termination FAC; to 1.80% Multiplier (no max) | 1 | 1 | 0 |
| Bridged Benefit: 2.80% Multiplier (80% max) Termination FAC; to 2.00% Multiplier (no max) | 1 | 1 | 0 |
| Bridged Benefit: 2.80% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max) | 1 | 0 | 0 |
| Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max) | 2 | 2 | 2 |
| Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.80% Multiplier (80% max) | 3 | 3 | 3 |
| Bridged Benefit: Frozen Benefit for Svc before 1/1/2008; 2.50% Multiplier for Svc after 1/1/2008 (no max) | 1 | 1 | 1 |
| Bridged Benefit: Frozen Benefit for Svc before 4/1/2004; 2.50% Multiplier for Svc after 4/1/2004 (80% max) | 2 | 2 | 2 |
| Bridged Benefit: Frozen Benefit for Svc before 5/1/2012; 2.25% Multiplier for Svc after 5/1/2012 (no max) | 5 | 5 | 5 |
| Bridged Benefit: Frozen Benefit for Svc before 5/1/2012; 1.50% Multiplier for Svc after 5/1/2012 (no max) | 5 | 5 | 5 |
| Bridged Benefit: Frozen Benefit for Svc before 12/1/2015; 2.00% Multiplier for Svc after 12/1/2015 (no max) | 3 | 0 | 0 |
| Bridged Benefit: Frozen Benefit for Svc before 12/1/2015; 2.50% Multiplier for Svc after 12/1/2015 (no max) | 3 | 0 | 0 |
| Bridged Benefit: (1.20% for FAC < \$4,200, plus 1.70% for FAC > \$4,200) for service before 3/31/2015; 2.50% Multiplier for service after 3/31/2015 (80% Max); Termination FAC | 1 | 1 | 0 |
| Bridged Benefit Subtotal | 152 | 119 | 102 |
| Hybrid Plan - 1.00% Multiplier | 49 | 47 | 41 |
| Hybrid Plan - 1.25% Multiplier | 54 | 49 | 38 |
| Hybrid Plan - 1.50% Multiplier | 65 | 54 | 48 |
| Hybrid Plan - 1.75% Multiplier | 4 | 4 | 3 |
| Hybrid Plan - 2.00% Multiplier | 1 | 1 | 0 |
| Hybrid Plan Subtotal | 173 | 155 | 130 |
| Total Divisions | 2617 | 2565 | 2491 |

Table 9 shows the distribution of benefit provisions in effect for the 2016 and past two valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

III. Actuarial Value of Assets

For actuarial valuation purposes, the actuarial value of assets is determined on the basis of a valuation method that assumes the fund earns the expected rate of return (7.75% beginning with calendar year 2016), and includes an adjustment to reflect market value. This procedure was instituted for the December 31, 2005 valuation and further modified with the latest experience study, and is applied as follows:

(i) Preliminary value is determined by taking the sum of the actuarial value at the beginning of the year and the excess of income over expenses during the year, assuming that the fund earns the assumed rate during the year.

(ii) This value is written-up or written-down by recognizing 20% of the current year's difference between actual and expected return and 20% of that difference for the 4 prior years. Actual return for the year includes interest, dividends, realized and unrealized gains or losses, net of administrative and investment expenses.

The cumulative difference between the market value and valuation assets as of December 31, 2016 will be recognized over 4 years.

For the December 31, 2016 valuation, this procedure produced an actuarial asset value that is equal to 107.71% of market value (compared to 113.54%, 105.99%, 106.18%, and 114.36 in 2015, 2014, 2013, and 2012, respectively).

On pages 28 – 31 of Appendix D (on the MERS website at: [Appendix](#).) we have illustrated the development of the actuarial value of assets for the December 31, 2001 through December 31, 2016 actuarial valuations. The market value of assets reported to the actuary includes most accounts receivables.

IV. Employer Contributions and Funded Status

Table 10
Computed Employer Contribution Rates
(Excludes Closed Divisions, Shadow Division, and Closed Municipalities – see Table 1)

| Benefit Formula | Contributory Groups | | | Non-Contributory Groups | | Total Groups | |
|---|---------------------|------------------------|--------------------------|-------------------------|--------------------------|------------------|--------------------------|
| | No. of Divisions | Member Contrib. Avg. % | Employer Contrib. Avg. % | No. of Divisions | Employer Contrib. Avg. % | No. of Divisions | Employer Contrib. Avg. % |
| 1.00% Multiplier (no max) | 2 | 4.99% | 0.12% | 3 | 5.80% | 5 | 0.33% |
| 1.20% Multiplier (no max) | 1 | 4.70% | 1.13% | -- | 0.00% | 1 | 1.13% |
| 1.30% Multiplier (no max) | 11 | 4.75% | 2.50% | 10 | 7.30% | 21 | 4.14% |
| Svc x (1.00% times FAC<\$4,200, plus 1.50% times FAC>\$4,200) | 2 | 0.45% | 7.28% | | | 2 | 7.28% |
| 1.50% Multiplier (80% max) | 7 | 4.93% | 2.97% | 1 | 7.83% | 8 | 3.33% |
| 1.50% Multiplier (no max) | 82 | 4.33% | 3.93% | 23 | 7.88% | 105 | 4.55% |
| Svc x (1.20% times FAC<\$4,200, plus 1.70% times FAC>\$4,200) | 2 | 3.00% | 3.49% | 3 | 4.24% | 5 | 3.61% |
| 1.70% Multiplier (no max) | 35 | 4.14% | 6.33% | 18 | 7.66% | 53 | 6.49% |
| 1.75% Multiplier (no max) | 1 | 3.00% | 4.53% | | | 1 | 4.53% |
| 2.00% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (55% max) | 1 | 6.00% | 8.03% | | | 1 | 8.03% |
| 2.00% Multiplier (75% max) | 2 | 7.57% | 2.79% | | | 2 | 2.79% |
| 2.00% Multiplier (80% max) | 2 | 4.82% | 5.75% | | | 2 | 5.75% |
| 2.00% Multiplier (no max) | 145 | 4.45% | 10.84% | 68 | 13.55% | 213 | 11.82% |
| 2.20% Multiplier (no max) | 2 | 5.00% | 41.73% | | | 2 | 41.73% |
| 2.25% Multiplier (80% max) | 167 | 5.10% | 15.02% | 59 | 17.04% | 226 | 15.59% |
| 2.25% Multiplier (no max) | 4 | 5.08% | 20.86% | 1 | 19.38% | 5 | 19.90% |
| 2.35% Multiplier (80% max) | 1 | 4.00% | 102.95% | | | 1 | 102.95% |
| 2.40% Multiplier (80% max) | 1 | 2.00% | 227.09% | | | 1 | 227.09% |
| 2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (80% max) | 1 | 5.00% | 27.57% | | | 1 | 27.57% |
| 2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max) | 3 | 12.00% | 47.34% | | | 3 | 47.34% |
| 2.50% Multiplier (80% max) | 230 | 6.51% | 20.24% | 73 | 34.54% | 303 | 22.25% |
| 2.50% Multiplier (75% max) | 1 | 7.00% | 32.81% | | | 1 | 32.81% |
| 2.50% Multiplier (85% max) | 1 | 5.00% | 7.35% | | | 1 | 7.35% |
| 2.50% Multiplier (no max) | 4 | 3.53% | 23.61% | -- | 0.00% | 4 | 23.61% |
| 2.60% Multiplier (65% max) | 1 | 11.50% | 359.02% | | | 1 | 359.02% |
| 2.60% Multiplier for Svc < 25 yrs, 2.75% for Svc > 25 yrs (74% max) | 1 | 11.50% | 158.52% | | | 1 | 158.52% |
| 2.57% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max) | 1 | 12.00% | 29.83% | | | 1 | 29.83% |
| 2.70% Multiplier for Svc < 25 yrs, 2.50% for Svc 25-30 yrs, 1.00% for Svc > 30 yrs (no max) | 1 | 7.00% | 24.37% | | | 1 | 24.37% |
| 2.75% Multiplier (80% max) | 10 | 8.07% | 29.26% | 1 | 30.04% | 11 | 29.28% |
| 2.80% Multiplier (80% max) | 2 | 5.77% | 27.02% | 1 | 0.00% | 3 | 23.75% |
| 2.80% Multiplier for Svc < 35 yrs, 1.50% for Svc > 35 yrs (100% max) | 1 | 2.90% | 4.67% | | | 1 | 4.67% |
| 3.00% Multiplier (80% max) | 8 | 6.35% | 39.97% | | | 8 | 39.97% |
| 3.00% Multiplier (75% max) | 1 | 10.35% | 19.84% | | | 1 | 19.84% |
| 3.20% Multiplier (80% max) | 4 | 14.36% | 40.76% | | | 4 | 40.76% |
| 2.00% to Social Security Age (no max), 1.50% after SS Age (no max) | | | | 1 | 16.59% | 1 | 16.59% |

Table 10 provides a distribution of average employer and member contribution rates by type of benefit program. This information is shown on a divisional basis. MERS is a multiple-employer plan, where each municipality decides its benefit structure

Table 10 (Concluded)
Computed Employer Contribution Rates
(Excludes Closed Divisions, Shadow Divisions, and Closed Municipalities – see Table 1)

| Benefit Formula | Contributory Groups | | | Non-Contributory Groups | | Total Groups | |
|--|---------------------|-----------------|-----------------|-------------------------|-----------------|--------------|-----------------|
| | No. of | Member | Employer | No. of | Employer | No. of | Employer |
| | Divisions | Contrib. Avg. % | Contrib. Avg. % | Divisions | Contrib. Avg. % | Divisions | Contrib. Avg. % |
| 2.00% to Social Security Age (no max), after SS Age Svc x (1.2% FAC<\$4,200, 1.7% FAC>\$4200) | | | | 1 | 8.11% | 1 | 8.11% |
| 2.00% to Social Security Age (no max), 1.70% after SS Age (no max) | 13 | 4.88% | 11.40% | 3 | 6.16% | 16 | 10.97% |
| 2.50% to Social Security Age (80% max), 2.25% after SS Age (80% max) | 2 | 0.95% | 17.19% | | | 2 | 17.19% |
| Retire Before 25 Years: 1.70% Multiplier (no max); Retire After 25 Years: 2.00% Multiplier (no max) | 1 | 5.14% | 4.25% | | | 1 | 4.25% |
| Bridged Benefit: (1.20% for FAC < \$4,200, plus 1.70% for FAC > \$4,200) for service before 3/31/2015; 2.50% Multiplier for service after 3/31/2015 (80% Max); Termination FAC | | | | 1 | 0.00% | 1 | 0.00% |
| Bridged Benefit: 1.70% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max) | | | | 1 | 0.00% | 1 | 0.00% |
| Bridged Benefit: 1.70% Multiplier (no max) Frozen FAC; to 1.30% Multiplier (no max) | 1 | 5.00% | 1.30% | | | 1 | 1.30% |
| Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.50% Multiplier (no max) | 7 | 1.42% | 3.19% | | | 7 | 3.19% |
| Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.70% Multiplier (no max) | 2 | 3.05% | 9.83% | | | 2 | 9.83% |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.30% Multiplier (no max) | 1 | 5.00% | 23.54% | | | 1 | 23.54% |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max) | | | | 1 | 0.00% | 1 | 0.00% |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max) | 2 | 5.00% | 17.61% | | | 2 | 17.61% |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.80% Multiplier (no max) | 1 | 7.50% | 17.57% | | | 1 | 17.57% |
| Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max) | | | | 1 | 21.14% | 1 | 21.14% |
| Bridged Benefit: 2.35% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max) | 2 | 5.00% | 71.74% | | | 2 | 71.74% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max) | 3 | 4.72% | 21.05% | 1 | 18.54% | 4 | 20.28% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max) | 1 | 5.00% | 9.08% | | | 1 | 9.08% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.75% Multiplier (no max) | 1 | 13.78% | 15.00% | | | 1 | 15.00% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.90% Multiplier (80% max) | 1 | 8.00% | 107.14% | | | 1 | 107.14% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max) | 2 | 10.56% | 10.68% | | | 2 | 10.68% |
| Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max) | 6 | 6.00% | 24.39% | | | 6 | 24.39% |
| Bridged Benefit: 2.80% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max) | 1 | 11.00% | 27.49% | | | 1 | 27.49% |
| Bridged Benefit: 3.00% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max) | 3 | 7.45% | 29.85% | | | 3 | 29.85% |
| Bridged Benefit: 1.50% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max) | 4 | 5.00% | 6.56% | | | 4 | 6.56% |
| Bridged Benefit: 1.00% Multiplier (no max) Termination FAC; to 2.00% Multiplier (60% overall max, except for pre-bridge purchased service) | 1 | 8.50% | 6.55% | | | 1 | 6.55% |
| Bridged Benefit: 2.00% Multiplier (no max) Termination FAC; to 2.25% Multiplier (80% max) | 1 | 6.00% | 7.01% | | | 1 | 7.01% |
| Bridged Benefit: 2.25% Multiplier (80% max) Termination FAC; to 2.00% Multiplier (no max) | 2 | 6.00% | 19.63% | | | 2 | 19.63% |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 3.00% Multiplier (no max) | | | | 1 | 26.69% | 1 | 26.69% |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 1.50% Multiplier (no max) | 1 | 8.26% | 46.92% | | | 1 | 46.92% |
| Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 2.25% Multiplier (80% max) | 2 | 3.35% | 35.41% | | | 2 | 35.41% |
| Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max) | 1 | 15.11% | 24.18% | | | 1 | 24.18% |
| Hybrid Plan - 1.00% Multiplier | | | | 47 | 5.19% | 47 | 5.19% |
| Hybrid Plan - 1.25% Multiplier | | | | 53 | 5.73% | 53 | 5.73% |
| Hybrid Plan - 1.50% Multiplier | 2 | 1.43% | 10.00% | 63 | 7.97% | 65 | 8.04% |
| Hybrid Plan - 1.75% Multiplier | | | | 4 | 6.94% | 4 | 6.94% |
| Hybrid Plan - 2.00% Multiplier | | | | 1 | 9.89% | 1 | 9.89% |
| Total | 802 | 5.67% | 15.77% | 440 | 14.07% | 1242 | 15.31% |

Table 10 provides a distribution of average employer and member contribution rates by type of benefit program. This information is shown on a divisional basis. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Table 11
Additional Benefit Programs
(Excludes the Divisions of Closed municipalities – see Table 1)

| Benefit Program | No. of Divisions | Benefit Program | No. of Divisions | Benefit Program | No. of Divisions | Benefit Program | No. of Divisions |
|-----------------------------|------------------|-----------------------------------|------------------|--|------------------|--|------------------|
| Normal Retirement | | Early (Reduced) Retirement | | Survivor Provisions | | D-2 Provisions | |
| 50 | 5 | 50/25 | 1771 | RS 50% | 147 | D-2 (25%) | 74 |
| 52 | 3 | 55/10 | 13 | RS 60% | 20 | D-2 (55%) | 1 |
| 55 | 44 | 55/15 | 2006 | RS 100% | 1 | D-2 (67%) | 18 |
| 58 | 6 | 0/25 | 1 | RS 75% | 15 | D-2 (70%) | 11 |
| 59 | 2 | | | Sub.75% | 15 | D-2 (80%) | 1 |
| 60 | 2532 | | | | | D-2 (50% Dth; 67% Dsb) | 1 |
| Old Plan Benefits | 24 | Vesting | | COLA for Existing Retirees | | D-2 (67% Dth; 50% Dsb) | 15 |
| | | 3 years | 1 | 0.5% Non-Compound | 1 | D-2 No Svc Proj | 16 |
| Unreduced Retirement | | 5 years | 31 | 2.5% Non-Compound | 284 | | |
| 49/20 | 1 | 6 years | 598 | 2.0% Non-Compound | 1 | Disability and Death Provisions | |
| 50/20 | 3 | 7 years | 2 | 2.0% Compound | 22 | DD 50% FAC Min | 2 |
| 50/25 | 454 | 8 years | 213 | 3.0% Compound | 5 | NDD/Dsb 25% FAC Min | 6 |
| 50/28 | 1 | 10 years | 1,731 | 2.0% Compound; CPI Limit | 1 | NDsb 55% FAC Min | 1 |
| 50/30 | 6 | 15 years | 16 | CPI (Compound; 3% Limit) to Age 65 | 2 | NDD15% FAC Min | 15 |
| 52/10 | 2 | Old Plan Vesting | 24 | CPI (Compound; 4% Limit for Some) | 1 | Non Dty Dsb Elg: 10 Years | 4 |
| 53/25 | 6 | | | \$300 Annual Flat | 1 | NDD/Dsb Elg: 1 year | 6 |
| 55/10 | 16 | FAC Period | | 2% Compound: Years 6-15 | 2 | Duty Dsb 65% FAC Min (no svc projection); Non Dty Dsb Elg: 5 Years | 1 |
| 55/15 | 342 | 2 years | 14 | Varies | 3 | | |
| 55/20 | 246 | 3 years | 1,219 | | | Other Provisions | |
| 55/25 | 693 | 4 years | 3 | COLA for Future Retirees | | PRO | 1 |
| 55/30 | 69 | 5 years | 1,349 | 0.5% Non-Compound | 1 | SLIF | 54 |
| 57/25 | 2 | 3 of 5 years | 4 | 2.5% Non-Compound | 680 | AWD TBill | 30 |
| 58/8 | 1 | 5 of 10 years | 3 | 1.0% Non-Compound | 8 | AWD (Valuation Interest Rate) | 5 |
| 60/10 | 7 | Max \$ FAC | 3 | 2.0% Non-Compound | 4 | DROP+ 4% | 2 |
| | | Old Plan Benefits | 24 | 1.0% Compound | 1 | DROP:Traditional | 1 |
| Unreduced Retirement | | | | 2.0% Compound | 22 | | |
| 6 & out | 1 | | | \$300 Annual Flat | 1 | Late Retirement | 1 |
| 20 & out | | | | 2.5% Non-Compound - commencing at age 54 | 2 | Deferred GrowNRD | 4 |
| | 22 | | | 3.0% Compound | 5 | | |
| 21 & out | 1 | | | | | | |
| 22 & out | 4 | | | | | | |
| 23 & out | 5 | | | | | | |
| 25 & out | 151 | | | | | | |
| 30 & out | 12 | | | | | | |
| 65 Points | 2 | | | | | | |
| 80 Points | 1 | | | | | | |
| 85 Points | 6 | | | | | | |

Table 11 shows the distribution of Additional Benefit Programs in effect (by division) for the 2016 valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Chart 5

Distribution of Funded Percentage of Actuarial Accrued Liability Among the 720 Participating Municipalities as of December 31, 2016 and the 717 Participating Municipalities as of December 31, 2015

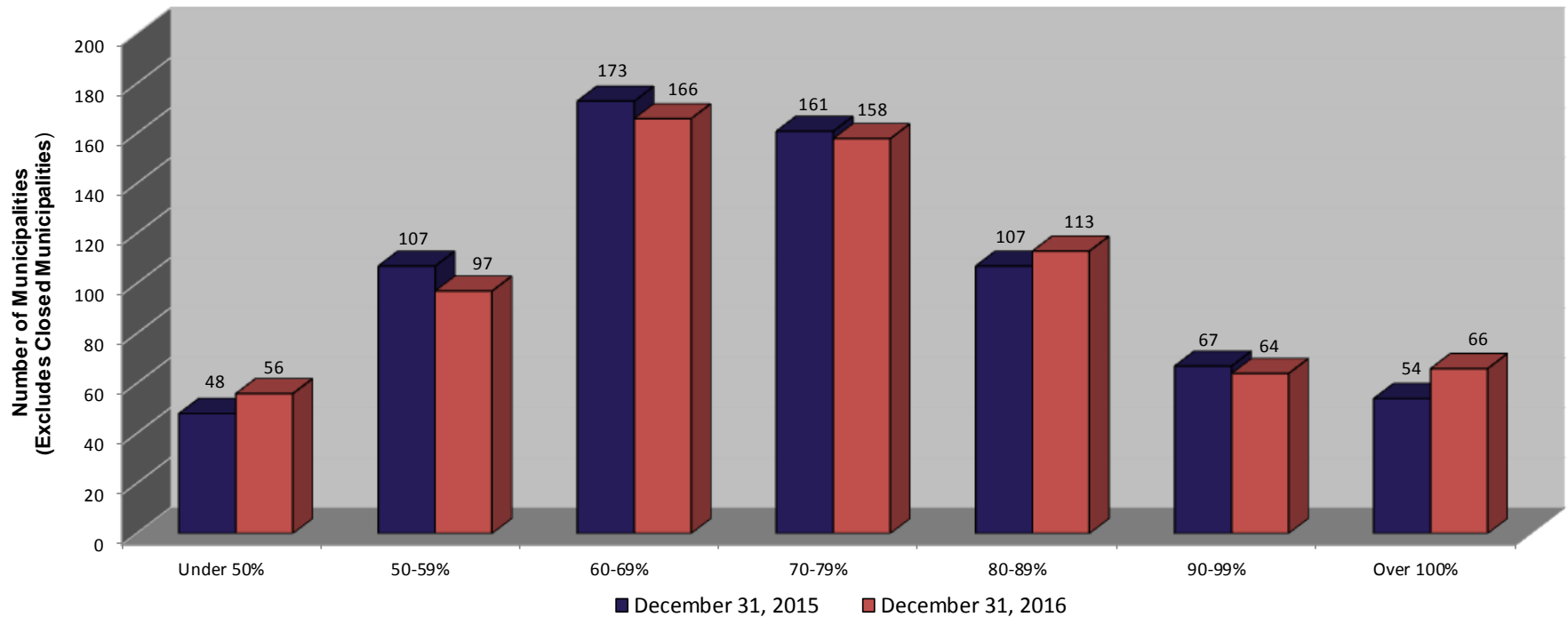


Chart 5 provides a distribution of the active municipalities by funded percentage of the entire municipality, comparing 2016 and 2015. 401 municipalities in MERS are funded at 70% or higher (56% of all municipalities). 66 municipalities (9.2% of all municipalities) are funded at 100% or more. The average funded percentage is 74% in 2016 and 74% in 2015.

Chart 6

Distribution of Municipality Divisions by Employer Contribution Rate

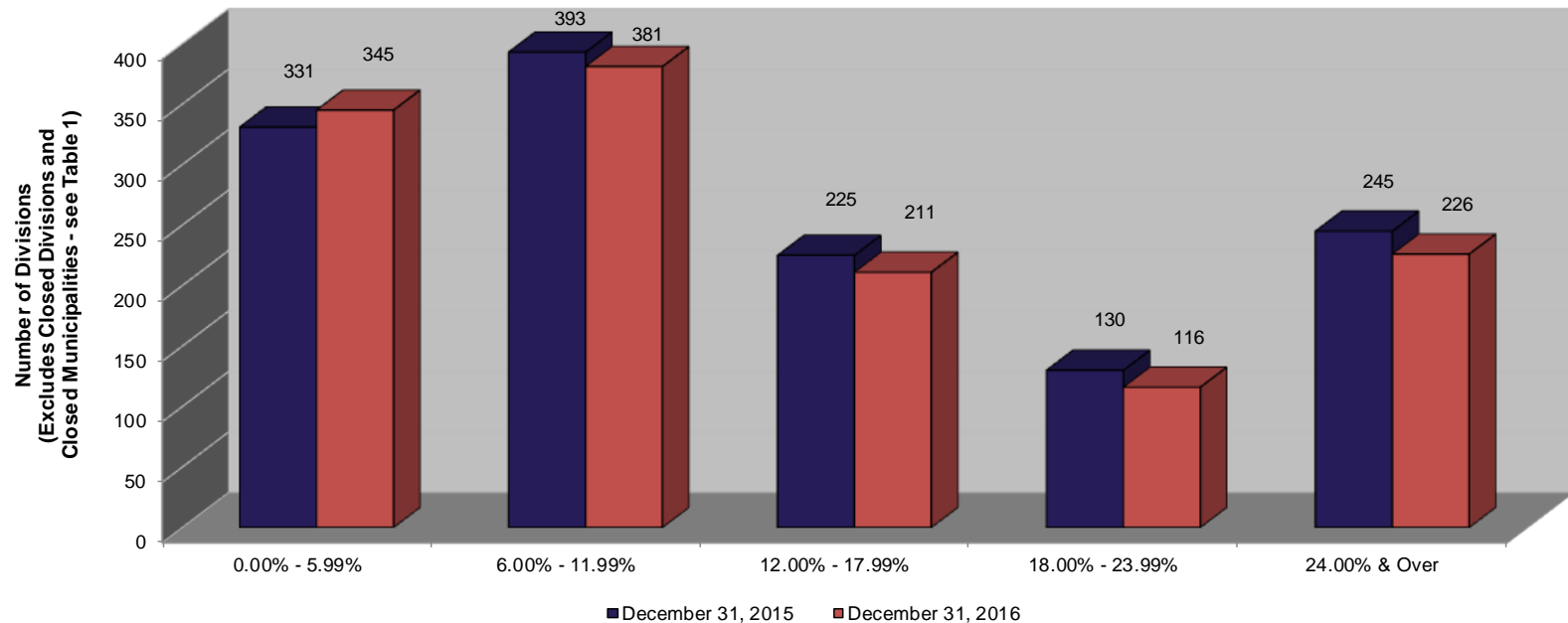


Chart 6 provides a distribution of divisions by employer contribution rate for divisions that are open to new hires, comparing 2016 and 2015. Note that:

- The average employer contribution rate is 15.31% in the 2016 valuations, compared to 15.77% in the 2015 valuations.
- Employer contribution rates vary between divisions as a result of differences in demographics, benefit provisions, and cost-sharing arrangements.
- The divisions with very high employer contribution rates are generally small divisions that have experienced a decline in the number of active employees (unfunded liabilities are then spread over a smaller payroll, leading to a higher contribution rate).

APPENDICES

**MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM
OF MICHIGAN**

**DECEMBER 31, 2016 VALUATION RESULTS
BY MUNICIPALITY**

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Participant Information | | | | | | | |
|--------------------------------|--------|-------------------------|-----------------------|-------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|
| | | Number of Divisions | Fiscal Year Beginning | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits |
| 21st Dist Ct | 8243 | 1 | 7/1/2018 | 9 | 370,154 | 7 | 174,504 | 0 | 0 |
| 23rd Jud Dist Ct | 8223 | 1 | 7/1/2018 | 9 | 419,817 | 8 | 192,805 | 3 | 20,218 |
| 26th Jud Cir Ct | 0403 | 1 | 1/1/2018 | 17 | 575,187 | 20 | 201,937 | 17 | 94,169 |
| 34th Dist Ct | 8235 | 1 | 7/1/2018 | 35 | 1,634,904 | 13 | 418,048 | 3 | 50,229 |
| 35th Dist Ct | 8234 | 1 | 1/1/2018 | 16 | 755,715 | 14 | 427,067 | 0 | 0 |
| 41 B Dist Ct | 5014 | 3 | 1/1/2018 | 35 | 1,599,640 | 29 | 391,860 | 6 | 117,088 |
| Addison Fire Dept | 4607 | 1 | 4/1/2018 | 1 | 88,646 | 0 | 0 | 1 | 15,481 |
| Adrian, City of | 4601 | 11 | 7/1/2018 | 120 | 6,079,410 | 149 | 4,077,417 | 19 | 231,833 |
| Aitkin Memorial Dist Lib | 7407 | 1 | 7/1/2018 | 0 | 0 | 0 | 0 | 1 | 22,644 |
| Albion, City of | 1301 | 6 | 1/1/2018 | 25 | 1,157,642 | 103 | 1,052,379 | 13 | 86,355 |
| Alcona Co | 0101 | 8 | 1/1/2018 | 45 | 1,739,655 | 59 | 760,055 | 10 | 55,425 |
| Alger Co | 0203 | 13 | 1/1/2018 | 34 | 1,574,727 | 34 | 655,458 | 4 | 23,041 |
| Alger CRC | 0201 | 1 | 1/1/2018 | 25 | 1,350,259 | 36 | 628,590 | 2 | 34,008 |
| Algonac, City of | 7707 | 4 | 7/1/2018 | 13 | 659,097 | 22 | 366,238 | 10 | 118,392 |
| Allegan Co | 0302 | 14 | 1/1/2018 | 66 | 4,102,688 | 280 | 4,410,786 | 55 | 457,007 |
| Allegan CRC | 0301 | 5 | 1/1/2018 | 49 | 2,413,337 | 74 | 1,764,178 | 5 | 72,873 |
| Allegan, City of | 0309 | 5 | 7/1/2018 | 9 | 629,218 | 7 | 185,151 | 5 | 83,599 |
| Alma, City of | 2901 | 6 | 7/1/2018 | 73 | 3,087,594 | 89 | 1,445,105 | 6 | 57,790 |
| Almont, Vlg of | 4407 | 6 | 7/1/2018 | 13 | 726,286 | 7 | 155,072 | 2 | 3,593 |
| Alpena Co | 0401 | 8 | 1/1/2018 | 79 | 3,108,545 | 115 | 1,358,958 | 35 | 209,222 |
| Alpena CRC | 0402 | 1 | 1/1/2018 | 13 | 701,059 | 46 | 898,888 | 1 | 7,490 |
| Alpena HC | 0406 | 1 | 1/1/2018 | 6 | 341,577 | 1 | 26,578 | 1 | 11,706 |
| Alpena Sr Citizens Ctr | 0404 | 1 | 10/1/2018 | 0 | 0 | 7 | 75,668 | 0 | 0 |
| Alpha, Vlg of | 3614 | 1 | 4/1/2018 | 2 | 29,133 | 0 | 0 | 2 | 3,502 |
| Antrim Co | 0502 | 6 | 1/1/2018 | 321 | 13,827,586 | 189 | 1,884,709 | 68 | 550,795 |
| Antrim CRC | 0501 | 2 | 1/1/2018 | 34 | 1,489,486 | 41 | 812,892 | 2 | 76,699 |
| Arenac Co | 0603 | 7 | 1/1/2018 | 33 | 1,340,263 | 72 | 705,913 | 17 | 120,292 |
| Arenac CRC | 0604 | 3 | 1/1/2018 | 16 | 776,658 | 33 | 506,667 | 1 | 8,158 |
| Ash Twp | 5804 | 1 | 4/1/2018 | 5 | 201,333 | 4 | 58,800 | 1 | 1,438 |
| Au Gres, City of | 0602 | 2 | 4/1/2018 | 1 | 49,345 | 9 | 215,845 | 0 | 0 |
| Auburn, City of | 0905 | 2 | 7/1/2018 | 4 | 106,381 | 8 | 202,902 | 2 | 14,680 |
| Bad Axe Area Dist Lib | 3214 | 1 | 7/1/2018 | 1 | 47,172 | 0 | 0 | 0 | 0 |
| Bad Axe, City of | 3211 | 1 | 7/1/2018 | 19 | 997,605 | 18 | 468,708 | 1 | 14,941 |
| Bancroft, Vlg of | 7610 | 1 | 3/1/2018 | 0 | 0 | 1 | 7,884 | 1 | 6,352 |
| Bangor, City of | 8003 | 1 | 7/1/2018 | 7 | 297,441 | 18 | 158,512 | 18 | 41,028 |
| Baraga Co | 0702 | 2 | 1/1/2018 | 27 | 1,175,689 | 30 | 417,652 | 11 | 80,111 |
| Baraga Co Memorial Hosp | 0703 | 2 | 10/1/2018 | 53 | 2,572,331 | 129 | 1,295,155 | 33 | 275,972 |
| Baraga CRC | 0701 | 5 | 10/1/2018 | 18 | 814,763 | 36 | 580,124 | 3 | 38,887 |
| Baraga, Vlg of | 0704 | 3 | 3/1/2018 | 10 | 435,701 | 11 | 260,585 | 2 | 31,689 |
| Baroda Lake Twp Police Dept | 1109 | 1 | 4/1/2018 | 4 | 250,048 | 1 | 12,131 | 1 | 683 |
| Barry Co | 0802 | 15 | 1/1/2018 | 437 | 17,158,278 | 231 | 3,342,250 | 70 | 580,757 |
| Barry Co CMH Auth | 0804 | 2 | 10/1/2018 | 77 | 3,202,702 | 7 | 190,211 | 12 | 145,197 |
| Barry Eaton Dist Hlth Dept | 2303 | 3 | 1/1/2018 | 60 | 2,660,328 | 91 | 1,252,684 | 41 | 316,032 |
| Barton Hills, Vlg of | 8107 | 1 | 4/1/2018 | 2 | 121,228 | 2 | 51,095 | 0 | 0 |
| Bates Twp | 3616 | 1 | 4/1/2018 | 0 | 0 | 1 | 27,441 | 0 | 0 |
| Bath Chtr Twp | 1909 | 1 | 1/1/2018 | 25 | 1,457,065 | 10 | 280,452 | 4 | 41,473 |
| Battle Creek, City of | 1302 | 13 | 7/1/2018 | 332 | 17,452,775 | 403 | 9,797,224 | 45 | 652,799 |
| Bay Area Trans Auth | 2810 | 2 | 10/1/2018 | 95 | 3,330,086 | 45 | 268,897 | 12 | 80,919 |
| Bay City HC | 0906 | 2 | 10/1/2018 | 9 | 486,663 | 19 | 448,516 | 0 | 0 |
| Bay City, City of | 0901 | 7 | 7/1/2018 | 44 | 2,349,701 | 289 | 6,017,021 | 13 | 167,004 |
| Bay Metro Trans Auth | 0907 | 3 | 10/1/2018 | 82 | 3,877,036 | 52 | 638,183 | 13 | 56,928 |
| Beecher Metro Dist Swg&Wtr | 2501 | 2 | 7/1/2018 | 6 | 378,417 | 14 | 386,408 | 1 | 15,164 |
| Belding, City of | 3410 | 3 | 7/1/2018 | 7 | 339,780 | 6 | 158,743 | 1 | 2,056 |
| Belleville, City of | 8213 | 3 | 7/1/2018 | 11 | 583,098 | 18 | 485,253 | 12 | 58,525 |
| Benton Harbor, City of | 1120 | 4 | 7/1/2018 | 44 | 1,654,104 | 95 | 2,177,682 | 4 | 63,851 |
| Benzie Co | 1003 | 9 | 10/1/2018 | 83 | 3,493,504 | 73 | 954,882 | 36 | 262,837 |
| Benzie Co Comm on Aging | 1006 | 1 | 10/1/2018 | 8 | 297,875 | 6 | 64,464 | 5 | 29,016 |
| Benzie Co MCF (The Maples) | 1004 | 2 | 1/1/2018 | 96 | 3,277,592 | 56 | 510,954 | 24 | 122,650 |
| Benzie CRC | 1001 | 4 | 1/1/2018 | 29 | 1,113,805 | 42 | 606,248 | 10 | 103,520 |
| Benzie Shores Dist Lib | 1005 | 1 | 7/1/2018 | 1 | 78,360 | 0 | 0 | 0 | 0 |
| Benzie Trans Auth | 1007 | 1 | 10/1/2018 | 18 | 653,049 | 3 | 7,592 | 1 | 630 |
| Benzie/Leelanau Dist Hlth Dept | 4504 | 1 | 10/1/2018 | 3 | 191,355 | 2 | 26,751 | 0 | 0 |
| Berkley, City of | 6304 | 4 | 7/1/2018 | 43 | 2,014,906 | 75 | 1,745,549 | 10 | 92,033 |
| Berrien Springs, Vlg of | 1102 | 1 | 7/1/2018 | 10 | 406,279 | 9 | 109,023 | 1 | 5,920 |
| Bessemer, City of | 2702 | 1 | 7/1/2018 | 11 | 542,638 | 12 | 132,792 | 1 | 2,549 |
| Beverly Hills, Vlg of | 6321 | 4 | 7/1/2018 | 24 | 1,905,227 | 52 | 1,471,703 | 9 | 107,040 |
| Big Rapids HC | 5406 | 1 | 4/1/2018 | 2 | 166,956 | 5 | 117,058 | 2 | 17,513 |
| Big Rapids, City of | 5402 | 2 | 7/1/2018 | 14 | 786,272 | 51 | 1,064,327 | 5 | 24,598 |
| Bingham Farms, Vlg of | 6332 | 1 | 7/1/2018 | 2 | 186,680 | 0 | 0 | 0 | 0 |
| Birch Run, Vlg of | 7315 | 3 | 7/1/2018 | 13 | 603,167 | 2 | 19,780 | 5 | 21,850 |
| Bishop Intl Arpt Auth | 2507 | 1 | 1/1/2018 | 32 | 1,923,775 | 14 | 264,772 | 1 | 12,276 |
| Blackman Chtr Twp | 3806 | 1 | 1/1/2018 | 34 | 2,400,085 | 12 | 433,207 | 1 | 48,835 |
| Blissfield, Vlg of | 4606 | 1 | 7/1/2018 | 21 | 1,084,562 | 10 | 201,741 | 9 | 54,377 |
| Bloomfield Hills, City of | 6302 | 8 | 7/1/2018 | 23 | 1,859,858 | 48 | 2,411,892 | 3 | 75,365 |
| Blue Water Area Trans Comm | 7709 | 2 | 10/1/2018 | 61 | 2,706,563 | 24 | 274,886 | 3 | 21,539 |
| Boyer City HC | 1508 | 1 | 10/1/2018 | 4 | 157,139 | 3 | 62,528 | 3 | 37,847 |
| Boyer City, City of | 1506 | 3 | 5/1/2018 | 14 | 809,970 | 35 | 542,655 | 5 | 35,755 |
| Branch Co | 1205 | 14 | 1/1/2018 | 554 | 26,374,742 | 108 | 1,756,235 | 62 | 461,141 |
| Branch-Hillsdale-St Joseph Com | 1202 | 1 | 1/1/2018 | 49 | 1,974,029 | 56 | 724,469 | 21 | 219,884 |
| Brandon Chtr Twp of | 6333 | 2 | 1/1/2018 | 26 | 1,291,632 | 16 | 346,798 | 4 | 34,049 |
| Breckenridge,Vlg of | 2906 | 2 | 3/1/2018 | 10 | 328,639 | 10 | 195,297 | 5 | 24,260 |
| Bridgeport Chtr Twp | 7307 | 6 | 1/1/2018 | 37 | 1,648,064 | 36 | 503,506 | 24 | 235,931 |
| Bridgman, City of | 1110 | 2 | 7/1/2018 | 17 | 834,219 | 6 | 62,159 | 6 | 46,810 |
| Brighton Area Fire Auth | 4715 | 1 | 7/1/2018 | 1 | 73,714 | 1 | 18,317 | 0 | 0 |
| Brighton, Chtr Twp of | 4711 | 4 | 4/1/2018 | 10 | 511,727 | 11 | 103,757 | 4 | 21,933 |
| Brighton, City of | 4704 | 6 | 7/1/2018 | 51 | 3,510,572 | 39 | 1,057,439 | 11 | 98,740 |
| Britton, Vlg of | 4604 | 1 | 3/1/2018 | 3 | 89,270 | 0 | 0 | 1 | 5,001 |
| Bronson, City of | 1204 | 2 | 7/1/2018 | 12 | 600,891 | 6 | 80,657 | 4 | 55,978 |
| Brooklyn, Vlg of | 3801 | 1 | 3/1/2018 | 9 | 343,182 | 5 | 95,246 | 1 | 3,996 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Participant Information | | | | | | | |
|--------------------------------|--------|-------------------------|-----------------------|-------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|
| | | Number of Divisions | Fiscal Year Beginning | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits |
| Brownstown, Chtr Twp of | 8247 | 3 | 1/1/2018 | 66 | 4,596,422 | 12 | 563,880 | 5 | 63,184 |
| Buchanan Dist Lib | 1108 | 1 | 7/1/2018 | 5 | 164,423 | 1 | 3,673 | 1 | 5,546 |
| Buchanan, City of | 1101 | 4 | 7/1/2018 | 26 | 1,429,260 | 33 | 410,393 | 6 | 56,256 |
| Buena Vista Chtr Twp | 7312 | 7 | 1/1/2018 | 32 | 1,485,027 | 26 | 742,855 | 16 | 146,896 |
| Burton, City of | 2508 | 5 | 7/1/2018 | 85 | 4,841,511 | 87 | 3,222,146 | 15 | 138,968 |
| Butman Twp CLD | 2604 | 1 | 7/1/2018 | 0 | 0 | 3 | 7,287 | 0 | 0 |
| Cadillac, City of | 8301 | 7 | 7/1/2018 | 61 | 2,746,059 | 67 | 830,508 | 8 | 128,688 |
| Cadillac/Wexford Trans Auth | 8305 | 2 | 10/1/2018 | 16 | 594,106 | 13 | 146,139 | 0 | 0 |
| Calhoun Co | 1311 | 8 | 1/1/2018 | 573 | 27,754,513 | 258 | 4,675,748 | 66 | 683,538 |
| Calhoun Co Conso Dispatch Auth | 1316 | 3 | 1/1/2018 | 13 | 776,599 | 6 | 199,172 | 4 | 53,338 |
| Canton Pub Lib | 8232 | 1 | 1/1/2018 | 16 | 942,185 | 9 | 262,956 | 3 | 36,385 |
| Canton, Chtr Twp of | 8233 | 15 | 1/1/2018 | 348 | 24,978,861 | 139 | 7,221,757 | 19 | 182,542 |
| Capac, Vlg of | 7705 | 3 | 7/1/2018 | 3 | 141,891 | 18 | 214,779 | 5 | 13,132 |
| Capital Area Dist Lib | 3317 | 3 | 1/1/2018 | 66 | 3,401,919 | 18 | 212,532 | 8 | 54,108 |
| Capital Region Arprt Auth | 3305 | 9 | 7/1/2018 | 37 | 2,305,022 | 39 | 1,051,210 | 18 | 220,930 |
| Carleton, Vlg of | 5805 | 1 | 3/1/2018 | 7 | 307,063 | 5 | 64,398 | 0 | 0 |
| Carrollton Twp | 7320 | 2 | 4/1/2018 | 19 | 755,561 | 8 | 134,570 | 2 | 21,135 |
| Cascade Chtr Twp | 4110 | 1 | 1/1/2018 | 41 | 2,474,196 | 20 | 361,706 | 6 | 76,258 |
| Caseville, City of | 3207 | 1 | 3/1/2018 | 13 | 532,671 | 7 | 106,850 | 0 | 0 |
| Caspian, City of | 3608 | 1 | 7/1/2018 | 2 | 104,258 | 8 | 111,710 | 2 | 7,953 |
| Cass Co | 1402 | 8 | 10/1/2018 | 151 | 7,500,912 | 94 | 1,411,427 | 17 | 121,599 |
| Cass Co MCF | 1403 | 2 | 10/1/2018 | 81 | 3,421,293 | 45 | 358,101 | 6 | 57,237 |
| Cass Dist Lib | 1404 | 1 | 1/1/2018 | 12 | 396,081 | 5 | 31,879 | 5 | 16,907 |
| Cedar Springs, City of | 4105 | 3 | 7/1/2018 | 9 | 409,485 | 13 | 204,326 | 11 | 101,312 |
| Center Line, City of | 5001 | 6 | 7/1/2018 | 13 | 591,642 | 44 | 704,678 | 5 | 42,389 |
| Central Lake, Vlg of | 0504 | 1 | 3/1/2018 | 5 | 189,337 | 0 | 0 | 1 | 2,407 |
| Central Mich Dist Hlth Dept | 3705 | 5 | 10/1/2018 | 39 | 1,810,677 | 96 | 1,376,039 | 43 | 332,831 |
| Charlevoix Co | 1503 | 6 | 1/1/2018 | 313 | 12,063,168 | 196 | 2,542,183 | 53 | 442,545 |
| Charlevoix CRC | 1501 | 3 | 1/1/2018 | 35 | 1,468,326 | 43 | 527,821 | 8 | 68,899 |
| Charlevoix, City of | 1505 | 3 | 4/1/2018 | 44 | 2,444,252 | 43 | 919,208 | 3 | 42,146 |
| Charlotte Dist Lib | 2309 | 2 | 1/1/2018 | 5 | 181,227 | 4 | 60,753 | 1 | 2,057 |
| Charlotte, City of | 2301 | 8 | 7/1/2018 | 47 | 2,580,947 | 61 | 1,373,703 | 14 | 203,336 |
| Cheboygan Co | 1603 | 6 | 1/1/2018 | 123 | 5,057,284 | 104 | 1,517,392 | 13 | 129,612 |
| Cheboygan CRC | 1601 | 3 | 1/1/2018 | 33 | 1,358,613 | 63 | 1,324,405 | 6 | 93,272 |
| Cheboygan, City of | 1602 | 6 | 7/1/2018 | 27 | 1,298,224 | 33 | 599,386 | 3 | 25,780 |
| Chelsea Area Fire Auth | 8118 | 1 | 3/1/2018 | 6 | 358,318 | 1 | 14,820 | 4 | 20,822 |
| Chelsea, City of | 8103 | 3 | 7/1/2018 | 3 | 275,249 | 37 | 1,022,515 | 7 | 106,401 |
| Chesaning, Vlg of | 7313 | 5 | 3/1/2018 | 8 | 346,736 | 14 | 247,187 | 5 | 24,351 |
| Chesterfield Twp | 5009 | 3 | 1/1/2018 | 150 | 8,624,344 | 62 | 1,537,377 | 13 | 149,904 |
| Chesterfield Twp Lib | 5010 | 1 | 1/1/2018 | 4 | 181,097 | 3 | 72,780 | 2 | 41,516 |
| Chikaming Twp | 1112 | 2 | 4/1/2018 | 15 | 648,388 | 7 | 132,495 | 1 | 19,005 |
| Chippewa Co | 1703 | 15 | 1/1/2018 | 162 | 7,575,339 | 173 | 2,629,844 | 29 | 232,212 |
| Chippewa CRC | 1704 | 2 | 1/1/2018 | 66 | 3,244,097 | 86 | 1,278,009 | 4 | 49,987 |
| Chippewa River Dist Lib | 3707 | 2 | 1/1/2018 | 14 | 706,014 | 6 | 146,018 | 5 | 65,008 |
| Chocolay, Chtr Twp of | 5218 | 1 | 1/1/2018 | 13 | 590,397 | 3 | 23,244 | 2 | 53,584 |
| Clare Co | 1802 | 4 | 1/1/2018 | 141 | 5,510,723 | 85 | 1,175,437 | 32 | 311,089 |
| Clare Co Trans Auth | 1806 | 1 | 10/1/2018 | 3 | 153,925 | 1 | 8,895 | 1 | 1,368 |
| Clare CRC | 1801 | 4 | 7/1/2018 | 34 | 1,650,120 | 41 | 812,353 | 4 | 36,837 |
| Clare, City of | 1804 | 2 | 7/1/2018 | 28 | 1,284,529 | 25 | 533,749 | 7 | 84,211 |
| Clawson, City of | 6305 | 3 | 7/1/2018 | 13 | 918,970 | 61 | 1,896,896 | 3 | 47,943 |
| Clay Twp | 7706 | 8 | 7/1/2018 | 34 | 1,797,413 | 27 | 491,262 | 4 | 82,272 |
| Clearwater Twp | 4005 | 1 | 4/1/2018 | 1 | 33,625 | 1 | 12,217 | 0 | 0 |
| Clinton Co | 1903 | 6 | 1/1/2018 | 126 | 6,900,749 | 156 | 2,613,607 | 40 | 464,326 |
| Clinton CRC | 1901 | 6 | 1/1/2018 | 43 | 2,222,086 | 56 | 1,353,228 | 4 | 44,238 |
| Clinton Twp | 5002 | 18 | 4/1/2018 | 152 | 8,937,780 | 191 | 4,850,449 | 16 | 281,183 |
| Clinton, Vlg of | 4602 | 4 | 4/1/2018 | 15 | 898,796 | 17 | 290,013 | 1 | 13,342 |
| Clinton-Eaton-Ingham CMH | 3308 | 7 | 10/1/2018 | 796 | 37,049,477 | 428 | 8,972,214 | 146 | 1,428,079 |
| Clio, City of | 2523 | 1 | 7/1/2018 | 16 | 655,923 | 6 | 92,338 | 4 | 30,607 |
| CMH for Central Mich | 3708 | 1 | 10/1/2018 | 340 | 17,663,923 | 223 | 3,964,248 | 94 | 786,730 |
| Coldwater Brd of Pub Util | 1203 | 2 | 7/1/2018 | 14 | 938,878 | 32 | 785,803 | 8 | 95,223 |
| Coldwater, City of | 1201 | 5 | 7/1/2018 | 15 | 980,640 | 61 | 1,213,271 | 6 | 55,586 |
| Coleman, City of | 5603 | 2 | 7/1/2018 | 7 | 365,220 | 8 | 165,918 | 0 | 0 |
| Coloma Chtr Twp | 1107 | 2 | 4/1/2018 | 14 | 698,681 | 3 | 114,222 | 2 | 30,508 |
| Coloma, City of | 1118 | 1 | 4/1/2018 | 6 | 259,389 | 0 | 0 | 0 | 0 |
| Columbiaville, Vlg of | 4406 | 1 | 3/1/2018 | 4 | 193,334 | 3 | 14,288 | 0 | 0 |
| Constantine, Vlg of | 7806 | 1 | 4/1/2018 | 1 | 57,388 | 0 | 0 | 1 | 4,841 |
| Coopersville Area Dist Lib | 7011 | 2 | 7/1/2018 | 1 | 48,000 | 2 | 24,055 | 2 | 9,222 |
| Coopersville, City of | 7005 | 1 | 7/1/2018 | 15 | 735,794 | 14 | 162,601 | 6 | 67,092 |
| Corunna City of | 7604 | 6 | 7/1/2018 | 12 | 641,801 | 17 | 380,048 | 4 | 25,759 |
| Corwith Twp | 6904 | 1 | 4/1/2018 | 9 | 86,114 | 0 | 0 | 0 | 0 |
| Covert Twp | 8010 | 1 | 7/1/2018 | 14 | 715,476 | 2 | 59,790 | 2 | 18,200 |
| Crawford Co | 2001 | 7 | 10/1/2018 | 48 | 2,196,349 | 80 | 1,094,772 | 22 | 139,549 |
| Crawford Co Trans Auth | 2004 | 1 | 10/1/2018 | 23 | 756,564 | 14 | 299,061 | 4 | 60,695 |
| Crawford CRC | 2002 | 3 | 1/1/2018 | 28 | 1,411,941 | 31 | 574,210 | 0 | 0 |
| Croswell, City of | 7401 | 3 | 7/1/2018 | 26 | 1,467,886 | 25 | 609,421 | 5 | 48,626 |
| Crystal Falls Cmnty Hosp CLD | 3618 | 2 | 1/1/2018 | 0 | 0 | 78 | 333,158 | 37 | 57,242 |
| Crystal Falls, City of | 3603 | 4 | 1/1/2018 | 15 | 856,374 | 25 | 600,032 | 9 | 77,061 |

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| <u>Municipality Name</u> | <u>Number</u> | <u>Participant Information</u> | | | | | | | |
|--------------------------------|---------------|--------------------------------|------------------------------|--------------------------|----------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------|
| | | <u>Number of Divisions</u> | <u>Fiscal Year Beginning</u> | <u>Number of Actives</u> | <u>Active Salary</u> | <u>Number of Retirees</u> | <u>Annual Benefits in Force</u> | <u>Number Deferred Vested</u> | <u>Annual Deferred Benefits</u> |
| Ctrl Dispatch of Muskegon Co | 6109 | 3 | 10/1/2018 | 30 | 1,573,426 | 21 | 356,469 | 5 | 69,567 |
| Ctrl Wayne Co Sanitation Auth | 8214 | 2 | 7/1/2018 | 0 | 0 | 19 | 272,224 | 2 | 17,232 |
| Davison Richfield Sr CCA | 2525 | 1 | 7/1/2018 | 1 | 46,738 | 1 | 28,339 | 0 | 0 |
| Davison Twp | 2519 | 2 | 7/1/2018 | 41 | 2,419,588 | 10 | 386,812 | 3 | 43,499 |
| Davison, City of | 2516 | 5 | 7/1/2018 | 18 | 956,848 | 17 | 674,170 | 3 | 26,751 |
| Dearborn, City of | 8251 | 2 | 7/1/2018 | 155 | 10,645,058 | 0 | 0 | 1 | 1,824 |
| Deerfield, Vlg of | 4603 | 1 | 3/1/2018 | 5 | 203,642 | 4 | 106,883 | 2 | 55,044 |
| Delta Area Transit Auth | 2107 | 1 | 10/1/2018 | 1 | 53,154 | 0 | 0 | 0 | 0 |
| Delta Chtr Twp | 2306 | 1 | 1/1/2018 | 38 | 2,475,005 | 15 | 665,451 | 6 | 101,104 |
| Delta Co | 2102 | 8 | 10/1/2018 | 47 | 2,123,797 | 114 | 2,257,378 | 18 | 225,339 |
| Delta CRC | 2105 | 5 | 1/1/2018 | 35 | 1,451,488 | 42 | 801,629 | 2 | 18,599 |
| Delta-Menominee Dist Hlth Dept | 2103 | 2 | 1/1/2018 | 39 | 1,480,531 | 33 | 465,768 | 28 | 170,846 |
| Detour, Vlg of | 1706 | 1 | 4/1/2018 | 7 | 138,541 | 5 | 29,217 | 1 | 7,641 |
| Detroit HC | 8241 | 5 | 7/1/2018 | 120 | 6,304,406 | 30 | 390,868 | 43 | 498,866 |
| DeWitt Chtr Twp | 1910 | 2 | 1/1/2018 | 14 | 946,726 | 6 | 226,830 | 6 | 73,942 |
| DeWitt, City of | 1908 | 6 | 7/1/2018 | 16 | 896,506 | 18 | 333,456 | 13 | 89,705 |
| Dexter Area Fire Dept | 8219 | 1 | 1/1/2018 | 8 | 580,692 | 2 | 45,764 | 1 | 16,517 |
| Dexter Twp | 8111 | 1 | 4/1/2018 | 11 | 263,011 | 8 | 48,383 | 2 | 7,674 |
| Dexter, City of | 8217 | 1 | 7/1/2018 | 8 | 531,865 | 10 | 194,864 | 2 | 18,578 |
| Dickinson Co | 2206 | 8 | 1/1/2018 | 81 | 3,645,568 | 90 | 1,913,529 | 17 | 205,296 |
| Dickinson CRC | 2203 | 2 | 1/1/2018 | 19 | 975,698 | 46 | 786,006 | 8 | 73,861 |
| Dickinson-Iron Dist Hlth Dept | 3605 | 4 | 1/1/2018 | 19 | 918,777 | 50 | 586,758 | 13 | 150,947 |
| Dimondale, Vlg of | 2304 | 1 | 3/1/2018 | 3 | 146,809 | 5 | 42,574 | 1 | 15,341 |
| Dist Hlth Dept # 2 | 6501 | 2 | 1/1/2018 | 10 | 458,123 | 37 | 564,388 | 10 | 99,586 |
| Dist Hlth Dept # 4 | 7103 | 2 | 1/1/2018 | 41 | 1,607,080 | 59 | 1,288,525 | 12 | 90,388 |
| Dist Hlth Dept #10 | 5104 | 3 | 10/1/2018 | 111 | 5,123,779 | 121 | 2,223,835 | 17 | 97,909 |
| Douglas, City of Vlg of | 0303 | 3 | 3/1/2018 | 17 | 883,260 | 15 | 146,574 | 8 | 45,444 |
| Dowagiac Dist Lib | 1406 | 2 | 10/1/2018 | 3 | 104,072 | 1 | 2,862 | 0 | 0 |
| Dowagiac HC | 1405 | 2 | 10/1/2018 | 4 | 168,998 | 1 | 3,308 | 2 | 4,712 |
| Dowagiac, City of | 1401 | 6 | 10/1/2018 | 46 | 2,461,520 | 59 | 1,137,320 | 11 | 111,407 |
| Drummond Island Twp | 1708 | 1 | 4/1/2018 | 2 | 92,779 | 0 | 0 | 1 | 2,220 |
| Dryden, Vlg of | 4405 | 1 | 4/1/2018 | 1 | 37,263 | 3 | 35,295 | 1 | 18,604 |
| Dundee, Vlg of | 5803 | 1 | 3/1/2018 | 10 | 513,728 | 13 | 296,295 | 3 | 74,513 |
| Durand, City of | 7603 | 3 | 7/1/2018 | 21 | 913,272 | 20 | 379,414 | 5 | 56,270 |
| E UP Reg Planning & Dev Comm | 1709 | 1 | 10/1/2018 | 6 | 256,452 | 0 | 0 | 0 | 0 |
| E UP Trans Auth | 1705 | 3 | 10/1/2018 | 20 | 1,034,301 | 30 | 775,781 | 3 | 23,182 |
| East China Chtr Twp | 7701 | 1 | 4/1/2018 | 16 | 887,979 | 17 | 579,943 | 1 | 16,525 |
| East Grand Rapids, City of | 4101 | 5 | 7/1/2018 | 6 | 437,527 | 46 | 1,641,239 | 6 | 46,961 |
| East Jordan, City of | 1504 | 4 | 7/1/2018 | 16 | 724,325 | 22 | 311,122 | 4 | 33,278 |
| East Lansing, City of | 3301 | 21 | 7/1/2018 | 268 | 15,609,738 | 373 | 12,708,765 | 76 | 764,185 |
| Eastpointe HC | 5011 | 1 | 7/1/2018 | 6 | 358,359 | 2 | 20,559 | 0 | 0 |
| Eastpointe, City of | 5019 | 12 | 1/1/2018 | 104 | 7,006,112 | 210 | 6,312,056 | 13 | 260,901 |
| Eaton Co | 2302 | 10 | 10/1/2018 | 365 | 18,444,571 | 285 | 8,188,818 | 66 | 856,720 |
| Eaton Co Hlth & Rehab Svcs | 2305 | 4 | 1/1/2018 | 220 | 9,299,528 | 49 | 410,519 | 11 | 74,509 |
| Eaton Rapids, City of | 2307 | 8 | 1/1/2018 | 34 | 1,970,006 | 32 | 949,217 | 14 | 142,533 |
| Eau Claire, Vlg of | 1104 | 1 | 3/1/2018 | 1 | 47,472 | 3 | 45,404 | 0 | 0 |
| Ecorse, City of | 8206 | 8 | 7/1/2018 | 24 | 1,612,357 | 136 | 3,780,388 | 14 | 184,166 |
| Elk Rapids, Vlg of | 0506 | 1 | 3/1/2018 | 21 | 985,018 | 4 | 102,774 | 2 | 15,440 |
| Elkton, Vlg of | 3206 | 2 | 3/1/2018 | 2 | 81,369 | 5 | 45,157 | 2 | 5,459 |
| Elsie, Vlg of CLD | 1906 | 1 | 4/1/2018 | 0 | 0 | 3 | 12,278 | 0 | 0 |
| Emmet CRC | 2401 | 2 | 1/1/2018 | 10 | 597,089 | 39 | 924,192 | 2 | 8,527 |
| Emmett, Chtr Twp | 1310 | 2 | 4/1/2018 | 25 | 1,325,728 | 12 | 189,242 | 10 | 114,353 |
| Erie, Twp of | 5812 | 1 | 7/1/2018 | 3 | 133,148 | 0 | 0 | 0 | 0 |
| Escanaba, City of | 2101 | 6 | 7/1/2018 | 42 | 2,074,943 | 118 | 2,398,054 | 11 | 105,128 |
| Essexville, City of | 0903 | 6 | 7/1/2018 | 18 | 877,950 | 21 | 497,674 | 6 | 70,072 |
| Evart Local Dev Finance Auth | 6706 | 1 | 7/1/2018 | 1 | 26,297 | 2 | 37,044 | 0 | 0 |
| Evart, City of | 6705 | 2 | 7/1/2018 | 10 | 464,691 | 8 | 117,538 | 8 | 61,494 |
| Farmington Cmnty Lib | 6319 | 2 | 7/1/2018 | 8 | 442,696 | 29 | 605,653 | 3 | 13,650 |
| Farmington, City of | 6343 | 6 | 7/1/2018 | 43 | 2,737,705 | 59 | 1,698,394 | 8 | 79,358 |
| Farwell, Vlg of | 1805 | 1 | 3/1/2018 | 6 | 210,782 | 2 | 38,274 | 1 | 13,832 |
| Fenton, City of | 2505 | 11 | 7/1/2018 | 46 | 2,907,101 | 42 | 942,970 | 4 | 70,893 |
| Ferndale HC | 6345 | 1 | 1/1/2018 | 5 | 253,179 | 1 | 17,269 | 1 | 49,481 |
| Ferrysburg, City of | 7106 | 1 | 7/1/2018 | 7 | 361,584 | 11 | 113,657 | 1 | 3,689 |
| Flat Rock, City of | 8212 | 11 | 7/1/2018 | 55 | 3,210,773 | 56 | 1,649,079 | 6 | 122,233 |
| Flint Pub Lib | 2518 | 1 | 7/1/2018 | 18 | 722,376 | 2 | 17,086 | 9 | 56,890 |
| Flint, Chtr Twp of | 2512 | 5 | 1/1/2018 | 57 | 3,357,102 | 43 | 1,726,032 | 6 | 91,078 |
| Flint, City of | 2530 | 19 | 7/1/2018 | 414 | 21,427,792 | 1,800 | 50,685,389 | 121 | 2,022,712 |
| Flushing, Chtr Twp of | 2515 | 3 | 4/1/2018 | 10 | 536,137 | 13 | 325,509 | 4 | 16,131 |
| Flushing, City of | 2502 | 5 | 7/1/2018 | 17 | 1,098,575 | 41 | 1,181,795 | 4 | 58,654 |
| Forsyth Twp | 5212 | 6 | 4/1/2018 | 19 | 873,384 | 16 | 454,194 | 9 | 78,409 |
| Fowler, Vlg of | 1904 | 1 | 1/1/2018 | 3 | 146,368 | 1 | 9,627 | 1 | 4,786 |
| Fowlerville Dist Lib | 4710 | 1 | 7/1/2018 | 6 | 246,430 | 0 | 0 | 0 | 0 |
| Fowlerville, Vlg of | 4705 | 1 | 2/1/2018 | 2 | 107,612 | 14 | 244,842 | 3 | 21,256 |
| Frankenmuth Wickson Dist Lib | 7323 | 1 | 7/1/2018 | 1 | 59,666 | 0 | 0 | 0 | 0 |
| Frankenmuth, City of | 7306 | 4 | 7/1/2018 | 26 | 1,752,318 | 22 | 856,863 | 2 | 18,633 |
| Frankfort, City of | 1002 | 4 | 7/1/2018 | 13 | 669,633 | 18 | 226,112 | 4 | 27,624 |

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| <u>Municipality Name</u> | <u>Number</u> | <u>Participant Information</u> | | | | | | | |
|--------------------------------|---------------|--------------------------------|------------------------------|--------------------------|----------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------|
| | | <u>Number of Divisions</u> | <u>Fiscal Year Beginning</u> | <u>Number of Actives</u> | <u>Active Salary</u> | <u>Number of Retirees</u> | <u>Annual Benefits in Force</u> | <u>Number Deferred Vested</u> | <u>Annual Deferred Benefits</u> |
| Franklin, Vlg of | 6323 | 3 | 7/1/2018 | 11 | 627,738 | 11 | 411,799 | 1 | 2,186 |
| Fraser, City of | 5003 | 7 | 7/1/2018 | 66 | 5,053,190 | 105 | 3,549,653 | 19 | 209,802 |
| Fremont Area Dist Lib | 6209 | 1 | 7/1/2018 | 6 | 248,785 | 4 | 59,496 | 3 | 15,153 |
| Fremont, City of | 6203 | 4 | 7/1/2018 | 26 | 1,527,970 | 28 | 700,405 | 6 | 75,125 |
| Gaastra, City of | 3617 | 1 | 7/1/2018 | 2 | 92,917 | 1 | 17,159 | 0 | 0 |
| Garden City, City of | 8255 | 8 | 7/1/2018 | 95 | 5,927,900 | 170 | 5,189,625 | 5 | 66,802 |
| Gaylord, City of | 6903 | 6 | 7/1/2018 | 28 | 1,463,837 | 30 | 851,206 | 2 | 12,518 |
| Genesee Chtr Twp | 2510 | 1 | 1/1/2018 | 32 | 1,561,294 | 44 | 1,011,018 | 8 | 119,328 |
| Genoa Twp | 4713 | 2 | 4/1/2018 | 2 | 229,122 | 0 | 0 | 0 | 0 |
| Gerald R Ford Intl Airport Aut | 4116 | 2 | 1/1/2018 | 91 | 5,635,428 | 3 | 95,995 | 3 | 62,560 |
| Gladstone, City of | 2106 | 4 | 4/1/2018 | 12 | 751,993 | 39 | 861,337 | 3 | 14,608 |
| Gladwin City HC | 2608 | 1 | 7/1/2018 | 17 | 592,818 | 14 | 289,545 | 4 | 34,121 |
| Gladwin Co | 2602 | 9 | 1/1/2018 | 91 | 3,710,408 | 81 | 1,117,975 | 26 | 182,685 |
| Gladwin Co Dist Lib | 2607 | 1 | 1/1/2018 | 6 | 163,493 | 5 | 49,799 | 0 | 0 |
| Gladwin CRC | 2601 | 3 | 1/1/2018 | 30 | 1,308,816 | 35 | 1,025,672 | 4 | 56,796 |
| Gladwin, City of | 2605 | 2 | 7/1/2018 | 8 | 441,403 | 1 | 19,359 | 0 | 0 |
| Gogebic-Iron WWTR Auth | 2703 | 1 | 7/1/2018 | 7 | 420,717 | 5 | 103,012 | 0 | 0 |
| Grand Beach, Vlg of | 1117 | 1 | 11/1/2018 | 8 | 435,284 | 0 | 0 | 0 | 0 |
| Grand Blanc Chtr Twp | 2511 | 2 | 1/1/2018 | 45 | 3,000,886 | 21 | 857,228 | 2 | 29,598 |
| Grand Blanc, City of | 2513 | 4 | 6/1/2018 | 28 | 1,873,519 | 19 | 838,297 | 2 | 29,340 |
| Grand Haven, City of | 7010 | 7 | 7/1/2018 | 201 | 12,103,488 | 193 | 5,463,621 | 46 | 496,263 |
| Grand Ledge Area Dist. Library | 2316 | 1 | 7/1/2018 | 1 | 71,740 | 0 | 0 | 0 | 0 |
| Grand Ledge Area ESA | 2310 | 1 | 7/1/2018 | 9 | 495,102 | 4 | 47,775 | 5 | 26,675 |
| Grand Ledge, City of | 2312 | 2 | 7/1/2018 | 11 | 513,565 | 5 | 185,899 | 4 | 61,512 |
| Grand Rapids HC | 4108 | 1 | 7/1/2018 | 1 | 102,201 | 6 | 165,394 | 0 | 0 |
| Grand Traverse Co | 2803 | 14 | 1/1/2018 | 64 | 3,516,849 | 295 | 7,027,411 | 43 | 414,238 |
| Grand Traverse CRC | 2802 | 2 | 1/1/2018 | 2 | 88,257 | 56 | 929,870 | 3 | 36,828 |
| Grand Traverse Pavilions | 2809 | 5 | 1/1/2018 | 379 | 14,936,116 | 171 | 1,428,282 | 117 | 616,348 |
| Grandville, City of | 4102 | 6 | 7/1/2018 | 12 | 845,600 | 63 | 1,545,113 | 8 | 86,777 |
| Gratiot Co | 2905 | 4 | 10/1/2018 | 42 | 2,171,090 | 98 | 1,549,715 | 15 | 155,680 |
| Gratiot CRC | 2903 | 2 | 1/1/2018 | 33 | 1,631,452 | 55 | 1,136,982 | 1 | 9,585 |
| Grayling, City of | 2003 | 5 | 7/1/2018 | 6 | 318,700 | 20 | 307,381 | 4 | 42,942 |
| Green Oak Chtr Twp | 4708 | 3 | 4/1/2018 | 37 | 2,044,488 | 10 | 266,253 | 1 | 20,010 |
| Greenville, City of | 5906 | 1 | 7/1/2018 | 15 | 992,157 | 12 | 361,867 | 3 | 45,667 |
| Grosse Ile Twp | 8207 | 8 | 4/1/2018 | 47 | 3,116,401 | 44 | 1,507,001 | 8 | 154,107 |
| Grosse Pointe Park, City of | 8201 | 8 | 7/1/2018 | 68 | 4,810,060 | 89 | 2,796,578 | 7 | 118,766 |
| Grosse Pointe-Clinton Ref CLD | 5004 | 2 | 7/1/2018 | 0 | 0 | 16 | 216,796 | 0 | 0 |
| Groveland Twp | 6335 | 3 | 4/1/2018 | 10 | 442,332 | 5 | 48,491 | 2 | 22,313 |
| Hackley Pub Lib | 6114 | 1 | 7/1/2018 | 7 | 252,972 | 0 | 0 | 0 | 0 |
| Hamburg Twp | 4709 | 1 | 7/1/2018 | 15 | 1,147,139 | 7 | 218,914 | 5 | 102,391 |
| Hamtramck HC | 8250 | 2 | 1/1/2018 | 11 | 788,129 | 2 | 27,691 | 2 | 29,736 |
| Hamtramck, City of | 8205 | 18 | 7/1/2018 | 87 | 4,462,514 | 227 | 7,896,505 | 23 | 291,308 |
| Hancock, City of | 3107 | 1 | 7/1/2018 | 12 | 618,951 | 6 | 197,946 | 0 | 0 |
| Harbor Beach, City of | 3201 | 5 | 4/1/2018 | 20 | 1,044,819 | 21 | 426,377 | 2 | 16,382 |
| Harbor Springs Area Swg Auth | 2406 | 1 | 1/1/2018 | 7 | 378,562 | 2 | 24,077 | 0 | 0 |
| Harbor Springs, City of | 2405 | 1 | 1/1/2018 | 26 | 1,635,818 | 9 | 242,095 | 0 | 0 |
| Harper Woods, City of | 8260 | 11 | 1/1/2018 | 57 | 3,315,282 | 115 | 4,045,945 | 2 | 79,705 |
| Harrison Dist Lib | 1807 | 1 | 1/1/2018 | 2 | 53,785 | 1 | 13,164 | 0 | 0 |
| Harrison, City of | 1803 | 1 | 1/1/2018 | 10 | 460,385 | 10 | 158,736 | 2 | 27,027 |
| Hartland Deerfield Fire Auth | 4716 | 1 | 4/1/2018 | 4 | 242,794 | 0 | 0 | 0 | 0 |
| Hastings, City of | 0801 | 11 | 7/1/2018 | 57 | 2,186,822 | 72 | 1,175,130 | 15 | 124,131 |
| Hazel Park, City of | 6336 | 21 | 7/1/2018 | 99 | 5,724,514 | 163 | 4,748,866 | 14 | 174,428 |
| Helen Newberry Joy Hosp | 4805 | 1 | 1/1/2018 | 22 | 1,274,919 | 86 | 1,224,925 | 10 | 107,421 |
| Henika Dist Lib | 0310 | 1 | 1/1/2018 | 1 | 38,389 | 1 | 23,411 | 0 | 0 |
| Herrick Dist Lib | 7012 | 2 | 7/1/2018 | 36 | 1,606,338 | 51 | 623,208 | 6 | 30,363 |
| Hesperia, Vlg of | 6214 | 1 | 4/1/2018 | 0 | 0 | 0 | 0 | 1 | 6,596 |
| Hiawatha Bhvrl Hlth | 1707 | 6 | 10/1/2018 | 18 | 818,921 | 77 | 1,097,188 | 33 | 254,178 |
| Hillsdale Co | 3005 | 2 | 1/1/2018 | 34 | 1,753,157 | 19 | 404,151 | 4 | 37,484 |
| Hillsdale CRC | 3004 | 2 | 1/1/2018 | 40 | 1,844,203 | 38 | 672,031 | 2 | 7,620 |
| Hillsdale HC | 3007 | 1 | 7/1/2018 | 4 | 107,624 | 1 | 8,454 | 0 | 0 |
| Hillsdale, City of | 3001 | 8 | 7/1/2018 | 66 | 3,440,133 | 73 | 1,480,492 | 14 | 216,922 |
| Hlth Source of Saginaw | 7311 | 8 | 1/1/2018 | 118 | 5,879,573 | 282 | 2,893,784 | 102 | 704,204 |
| Holland Area Cmnty Pool Auth | 7014 | 2 | 7/1/2018 | 9 | 474,127 | 4 | 21,589 | 2 | 11,700 |
| Holland Cmnty Hosp CLD | 7006 | 1 | 7/1/2018 | 0 | 0 | 53 | 201,611 | 2 | 6,387 |
| Holland, City of | 7001 | 7 | 7/1/2018 | 183 | 12,389,202 | 330 | 8,403,230 | 63 | 827,896 |
| Holly, Vlg of | 6317 | 5 | 7/1/2018 | 22 | 1,233,542 | 34 | 928,337 | 8 | 72,800 |
| Homer, Vlg of | 1304 | 1 | 1/1/2018 | 9 | 350,728 | 10 | 89,396 | 15 | 51,594 |
| Houghton Co | 3102 | 10 | 1/1/2018 | 90 | 4,099,332 | 100 | 1,666,906 | 10 | 143,781 |
| Houghton CRC | 3103 | 1 | 1/1/2018 | 7 | 442,625 | 8 | 256,327 | 0 | 0 |
| Houghton Lake Pub Lib | 7203 | 1 | 7/1/2018 | 7 | 260,625 | 2 | 34,732 | 0 | 0 |
| Houghton, City of | 3109 | 1 | 7/1/2018 | 23 | 1,290,717 | 3 | 94,265 | 4 | 72,169 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Number of Divisions | Fiscal Year Beginning | Participant Information | | | | | |
|--------------------------------|--------|---------------------|-----------------------|-------------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|
| | | | | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits |
| Howard City, Vlg of | 5902 | 2 | 3/1/2018 | 2 | 90,658 | 4 | 48,740 | 4 | 28,380 |
| Howard Twp | 1106 | 1 | 4/1/2018 | 2 | 58,967 | 1 | 4,674 | 1 | 2,885 |
| Howell Area Fire Auth | 4714 | 2 | 7/1/2018 | 6 | 350,421 | 2 | 70,239 | 0 | 0 |
| Howell, City of | 4702 | 8 | 7/1/2018 | 51 | 3,208,559 | 59 | 1,266,426 | 19 | 250,304 |
| Howell-Carnegie Dist Lib | 4707 | 1 | 7/1/2018 | 11 | 526,589 | 2 | 18,616 | 1 | 6,583 |
| Hudsonville, City of | 7004 | 4 | 7/1/2018 | 1 | 84,458 | 11 | 137,562 | 9 | 96,329 |
| Huntington Woods, City of | 6303 | 5 | 7/1/2018 | 26 | 1,966,631 | 50 | 1,729,012 | 3 | 32,454 |
| Hurley Med Ctr | 2521 | 13 | 7/1/2018 | 1,980 | 113,422,810 | 1,913 | 39,718,776 | 278 | 4,463,560 |
| Huron Behavioral Health | 3215 | 1 | 10/1/2018 | 57 | 3,011,086 | 38 | 664,195 | 22 | 301,625 |
| Huron Chtr Twp | 8224 | 4 | 1/1/2018 | 44 | 2,600,841 | 23 | 900,137 | 16 | 265,391 |
| Huron Co | 3204 | 4 | 1/1/2018 | 325 | 12,662,036 | 264 | 4,721,892 | 36 | 315,768 |
| Huron CRC | 3203 | 3 | 1/1/2018 | 60 | 2,934,503 | 59 | 1,610,693 | 3 | 56,063 |
| Imlay City, City of | 4404 | 6 | 7/1/2018 | 18 | 1,052,141 | 29 | 535,920 | 5 | 32,015 |
| Independence Twp | 6328 | 1 | 1/1/2018 | 32 | 2,223,895 | 13 | 514,168 | 2 | 49,064 |
| Indianfields Twp CLD | 7905 | 1 | 4/1/2018 | 0 | 0 | 11 | 27,401 | 7 | 7,408 |
| Ingham Co | 3303 | 63 | 1/1/2018 | 1,285 | 70,321,127 | 1,305 | 26,305,656 | 264 | 2,884,246 |
| Interurban Trans Auth | 0308 | 1 | 10/1/2018 | 6 | 251,395 | 3 | 85,257 | 0 | 0 |
| Ionia Cmnty Lib | 3412 | 1 | 7/1/2018 | 6 | 218,638 | 3 | 42,452 | 1 | 14,357 |
| Ionia Co | 3408 | 6 | 1/1/2018 | 65 | 3,048,334 | 18 | 317,778 | 15 | 155,477 |
| Ionia CRC | 3404 | 1 | 1/1/2018 | 35 | 1,897,922 | 45 | 1,045,590 | 4 | 49,091 |
| Ionia HC | 3406 | 1 | 10/1/2018 | 4 | 160,211 | 3 | 82,505 | 0 | 0 |
| Ionia, City of | 3403 | 9 | 7/1/2018 | 45 | 2,819,237 | 49 | 1,197,569 | 10 | 115,498 |
| Iosco Co | 3501 | 9 | 1/1/2018 | 142 | 4,912,262 | 147 | 1,566,001 | 46 | 267,715 |
| Iosco CRC | 3502 | 2 | 1/1/2018 | 23 | 1,131,695 | 34 | 695,199 | 2 | 33,741 |
| Iron Co | 3606 | 10 | 1/1/2018 | 301 | 11,232,526 | 172 | 1,703,364 | 43 | 270,623 |
| Iron Co HC | 3611 | 1 | 10/1/2018 | 3 | 234,142 | 4 | 9,959 | 3 | 6,740 |
| Iron CRC | 3602 | 4 | 1/1/2018 | 17 | 894,469 | 47 | 956,134 | 2 | 28,186 |
| Iron Mountain, City of | 2201 | 4 | 7/1/2018 | 21 | 1,025,734 | 43 | 999,914 | 5 | 21,380 |
| Iron Mountain-Kingsford Swg | 2205 | 1 | 7/1/2018 | 5 | 266,641 | 2 | 32,208 | 1 | 8,881 |
| Iron River, City of | 3601 | 3 | 7/1/2018 | 13 | 590,086 | 39 | 654,656 | 5 | 80,214 |
| Ironwood, City of | 2706 | 10 | 7/1/2018 | 40 | 1,960,073 | 84 | 1,453,289 | 4 | 47,448 |
| Isabella Co | 3703 | 9 | 10/1/2018 | 118 | 5,666,069 | 201 | 2,972,284 | 70 | 681,706 |
| Isabella Co Trans Comm | 3709 | 1 | 10/1/2018 | 13 | 570,326 | 6 | 149,913 | 0 | 0 |
| Isabella CRC | 3702 | 3 | 10/1/2018 | 35 | 1,665,980 | 38 | 701,783 | 10 | 117,172 |
| Ishpeming Area Joint Wwtr Trtm | 5207 | 2 | 1/1/2018 | 6 | 328,469 | 3 | 61,883 | 1 | 6,750 |
| Ishpeming Twp | 5216 | 1 | 4/1/2018 | 10 | 245,173 | 9 | 105,893 | 2 | 11,696 |
| Ishpeming, City of | 5204 | 3 | 1/1/2018 | 27 | 1,296,057 | 39 | 984,198 | 4 | 45,215 |
| Ithaca, City of | 2904 | 3 | 7/1/2018 | 4 | 189,274 | 18 | 368,621 | 5 | 32,807 |
| Jackson Dist Lib | 3802 | 2 | 1/1/2018 | 35 | 1,628,733 | 32 | 347,156 | 8 | 79,840 |
| Jackson Trans Auth | 3805 | 2 | 10/1/2018 | 47 | 1,955,948 | 17 | 276,513 | 4 | 64,798 |
| Jordan Valley Dist Lib | 1507 | 1 | 7/1/2018 | 1 | 69,179 | 0 | 0 | 1 | 7,158 |
| Jordan Valley EMS Auth | 1509 | 2 | 4/1/2018 | 5 | 214,509 | 1 | 8,758 | 0 | 0 |
| Kalamazoo Lake Swr & Wtr Auth | 0306 | 2 | 3/1/2018 | 7 | 353,418 | 8 | 114,359 | 5 | 49,463 |
| Kalamazoo Pub Lib | 3903 | 2 | 7/1/2018 | 62 | 3,196,686 | 14 | 231,329 | 11 | 86,541 |
| Kalamazoo, Chtr Twp of | 3907 | 1 | 1/1/2018 | 35 | 2,223,101 | 11 | 486,612 | 0 | 0 |
| Kalkaska Co | 4003 | 6 | 1/1/2018 | 93 | 3,270,085 | 80 | 1,217,278 | 29 | 216,350 |
| Kalkaska CRC | 4002 | 4 | 1/1/2018 | 26 | 1,066,885 | 41 | 730,448 | 15 | 219,955 |
| Kalkaska Pub Trans Auth | 4004 | 1 | 10/1/2018 | 11 | 288,981 | 12 | 141,170 | 1 | 4,158 |
| Kalkaska, Vlg of | 4001 | 6 | 3/1/2018 | 11 | 480,154 | 16 | 368,311 | 4 | 24,621 |
| Keego Harbor, City of | 6322 | 4 | 7/1/2018 | 6 | 328,135 | 16 | 281,529 | 4 | 52,106 |
| Kent CRC | 4111 | 1 | 10/1/2018 | 0 | 0 | 5 | 34,357 | 0 | 0 |
| Keweenaw Co | 4202 | 3 | 1/1/2018 | 13 | 573,022 | 12 | 163,301 | 5 | 51,604 |
| Keweenaw CRC | 4201 | 1 | 1/1/2018 | 15 | 731,766 | 24 | 537,618 | 1 | 10,560 |
| Kinde, Vlg of | 3209 | 1 | 2/1/2018 | 1 | 41,941 | 1 | 16,930 | 0 | 0 |
| Kingsford, City of | 2202 | 5 | 7/1/2018 | 16 | 750,273 | 23 | 498,038 | 2 | 14,444 |
| L.M.A.S. Dist Hlth Dept | 4803 | 2 | 10/1/2018 | 34 | 1,354,265 | 111 | 582,432 | 106 | 393,034 |
| Lac Vieux Desert Band | 8402 | 1 | 1/1/2018 | 7 | 406,805 | 2 | 19,797 | 3 | 15,135 |
| Laingsburg, City of | 7608 | 1 | 7/1/2018 | 4 | 154,609 | 2 | 24,465 | 1 | 8,022 |
| Lake Co | 4301 | 5 | 1/1/2018 | 112 | 4,929,575 | 68 | 723,823 | 32 | 175,197 |
| Lake CRC | 4302 | 2 | 1/1/2018 | 27 | 1,255,078 | 42 | 778,420 | 3 | 31,662 |
| Lake Linden, Vlg of | 3105 | 2 | 3/1/2018 | 6 | 266,655 | 8 | 100,147 | 4 | 13,999 |
| Lake Odessa, Vlg of | 3402 | 1 | 3/1/2018 | 2 | 157,782 | 1 | 1,209 | 0 | 0 |
| Lake Orion, Vlg of | 6318 | 4 | 7/1/2018 | 5 | 277,342 | 13 | 286,658 | 4 | 19,643 |
| Lakeland Lib Coop | 4106 | 2 | 10/1/2018 | 7 | 324,929 | 4 | 52,113 | 2 | 12,124 |
| Lakeshore Coordinating Council | 7007 | 1 | 10/1/2018 | 0 | 0 | 10 | 96,301 | 10 | 42,014 |
| Lakeview Cemetery | 2407 | 1 | 1/1/2018 | 2 | 73,452 | 0 | 0 | 0 | 0 |
| L'Anse, Vlg of | 0705 | 1 | 7/1/2018 | 19 | 937,901 | 19 | 431,388 | 1 | 1,586 |
| Lansing Chtr Twp | 3320 | 4 | 1/1/2018 | 45 | 2,501,656 | 11 | 362,747 | 5 | 15,543 |
| Lansing HC | 3311 | 3 | 7/1/2018 | 27 | 1,333,333 | 35 | 661,153 | 14 | 149,980 |
| Lapeer Co | 4403 | 10 | 1/1/2018 | 694 | 27,580,728 | 362 | 5,412,989 | 140 | 1,274,275 |
| Lapeer CRC | 4402 | 9 | 1/1/2018 | 51 | 2,505,754 | 60 | 1,145,751 | 5 | 38,118 |
| Lapeer Dist Lib | 4410 | 1 | 1/1/2018 | 21 | 700,982 | 20 | 329,016 | 4 | 44,350 |
| Lapeer, City of | 4401 | 6 | 7/1/2018 | 69 | 4,238,874 | 63 | 1,288,126 | 20 | 121,755 |
| Lathrup Vlg, City of | 6311 | 5 | 7/1/2018 | 6 | 647,096 | 20 | 612,152 | 1 | 5,790 |
| Laurium, Vlg of | 3104 | 2 | 3/1/2018 | 12 | 435,843 | 10 | 91,606 | 2 | 6,348 |
| Lawrence, Vlg of | 8004 | 2 | 3/1/2018 | 0 | 0 | 6 | 13,086 | 3 | 1,663 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Participant Information | | | | | | | | |
|--------------------------------|--------|-------------------------|-----------------------|-------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|--|
| | | Number of Divisions | Fiscal Year Beginning | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits | |
| Leelanau Co | 4501 | 5 | 1/1/2018 | 112 | 5,317,268 | 84 | 1,388,321 | 20 | 212,081 | |
| Leelanau CRC | 4503 | 1 | 1/1/2018 | 23 | 1,015,420 | 23 | 345,117 | 11 | 122,259 | |
| Leoni Twp | 3804 | 2 | 7/1/2018 | 13 | 526,628 | 25 | 402,147 | 23 | 286,646 | |
| Leslie Twp | 3319 | 1 | 7/1/2018 | 4 | 107,918 | 1 | 5,537 | 0 | 0 | |
| Leslie, City of | 3313 | 4 | 7/1/2018 | 10 | 429,779 | 6 | 121,692 | 4 | 27,029 | |
| Lexington, Vlg of | 7708 | 2 | 7/1/2018 | 5 | 211,878 | 9 | 171,324 | 2 | 34,138 | |
| Lima Twp | 8112 | 1 | 4/1/2018 | 6 | 98,382 | 3 | 28,609 | 1 | 1,556 | |
| Lincoln Park, City of | 8244 | 3 | 7/1/2018 | 45 | 1,954,573 | 152 | 3,542,160 | 11 | 240,749 | |
| Litchfield, City of | 3006 | 1 | 7/1/2018 | 8 | 373,582 | 6 | 110,270 | 1 | 12,331 | |
| Livingston Co | 4703 | 13 | 1/1/2018 | 488 | 26,787,770 | 368 | 6,831,507 | 123 | 1,162,783 | |
| Livingston Co CMH Auth | 4712 | 1 | 10/1/2018 | 99 | 5,188,751 | 58 | 1,006,364 | 41 | 421,438 | |
| Livingston CRC | 4701 | 4 | 1/1/2018 | 67 | 3,827,861 | 55 | 1,209,229 | 5 | 74,270 | |
| Looking Glass Rgnl Fire CLD | 2311 | 1 | 1/1/2018 | 0 | 0 | 1 | 8,061 | 2 | 8,055 | |
| Loutit Dist Lib | 7013 | 1 | 7/1/2018 | 16 | 615,938 | 5 | 59,823 | 1 | 6,700 | |
| Lowell, City of | 4104 | 4 | 7/1/2018 | 33 | 2,050,553 | 35 | 897,269 | 7 | 139,543 | |
| Luce Co | 4804 | 6 | 1/1/2018 | 25 | 828,033 | 37 | 411,581 | 14 | 70,782 | |
| Luce Co Amb Svs | 4806 | 1 | 1/1/2018 | 5 | 183,071 | 0 | 0 | 1 | 7,260 | |
| Luce CRC | 4801 | 5 | 1/1/2018 | 15 | 667,852 | 33 | 760,748 | 2 | 33,368 | |
| Ludington, City of | 5302 | 2 | 1/1/2018 | 50 | 2,153,157 | 65 | 1,283,674 | 5 | 53,176 | |
| Luna Pier, City of | 5802 | 3 | 7/1/2018 | 6 | 284,867 | 13 | 339,712 | 2 | 16,914 | |
| Lyons, Vlg of | 3411 | 1 | 3/1/2018 | 0 | 0 | 2 | 18,824 | 0 | 0 | |
| Mackinac Co | 4901 | 4 | 1/1/2018 | 24 | 1,051,743 | 56 | 903,216 | 20 | 251,760 | |
| Mackinac Co HC | 4905 | 1 | 7/1/2018 | 0 | 0 | 2 | 29,985 | 0 | 0 | |
| Mackinac CRC | 4903 | 2 | 1/1/2018 | 9 | 403,355 | 34 | 630,857 | 0 | 0 | |
| Mackinac Straits Hosp&Hlth Ctr | 4902 | 2 | 7/1/2018 | 235 | 12,669,890 | 94 | 1,148,920 | 46 | 385,710 | |
| Mackinaw City, Vlg of | 1606 | 1 | 3/1/2018 | 5 | 278,747 | 1 | 26,111 | 1 | 15,066 | |
| Madison Heights, City of | 6308 | 6 | 7/1/2018 | 49 | 2,969,921 | 127 | 2,679,725 | 23 | 246,890 | |
| Madison, Chtr Twp of | 4605 | 1 | 1/1/2018 | 11 | 612,601 | 6 | 50,159 | 2 | 37,989 | |
| Manistee Co | 5101 | 16 | 10/1/2018 | 255 | 9,991,850 | 200 | 2,836,555 | 73 | 566,677 | |
| Manistee CRC | 5103 | 5 | 10/1/2018 | 28 | 1,167,875 | 42 | 838,467 | 4 | 82,648 | |
| Manistee HC | 5107 | 1 | 1/1/2018 | 8 | 293,102 | 4 | 29,267 | 2 | 13,387 | |
| Manistee, City of | 5105 | 8 | 7/1/2018 | 53 | 2,836,757 | 51 | 1,097,764 | 4 | 63,152 | |
| Manistique, City of | 7504 | 4 | 7/1/2018 | 24 | 1,330,108 | 32 | 819,385 | 3 | 32,006 | |
| Manlius Twp | 0311 | 1 | 4/1/2018 | 5 | 64,826 | 2 | 31,690 | 1 | 2,075 | |
| Manton, City of | 8304 | 2 | 12/1/2018 | 6 | 230,145 | 10 | 158,860 | 2 | 18,380 | |
| Marenisco Twp | 2704 | 2 | 4/1/2018 | 4 | 164,226 | 1 | 19,601 | 0 | 0 | |
| Marine City, City of CLD | 7704 | 2 | 7/1/2018 | 0 | 0 | 2 | 2,705 | 0 | 0 | |
| Marion, Vlg of | 6704 | 2 | 3/1/2018 | 5 | 171,601 | 6 | 27,573 | 1 | 607 | |
| Marlette, City of | 7405 | 1 | 7/1/2018 | 11 | 469,383 | 3 | 95,171 | 2 | 15,658 | |
| Marquette Brd of Light & Power | 5209 | 6 | 10/1/2018 | 37 | 3,140,861 | 108 | 3,081,518 | 1 | 19,591 | |
| Marquette Chtr Twp | 5215 | 2 | 1/1/2018 | 19 | 1,083,225 | 2 | 32,629 | 3 | 27,281 | |
| Marquette Co | 5202 | 15 | 1/1/2018 | 288 | 10,462,359 | 333 | 6,773,418 | 49 | 448,653 | |
| Marquette Co Solid Waste Mgmt | 5213 | 4 | 7/1/2018 | 18 | 1,072,006 | 6 | 96,159 | 2 | 61,876 | |
| Marquette Co Trans Auth | 5206 | 2 | 10/1/2018 | 24 | 941,203 | 22 | 227,756 | 1 | 6,903 | |
| Marquette CRC | 5211 | 7 | 1/1/2018 | 53 | 2,728,682 | 68 | 1,656,744 | 20 | 185,859 | |
| Marquette, City of | 5201 | 12 | 10/1/2018 | 119 | 6,086,963 | 138 | 3,440,452 | 18 | 261,136 | |
| Marshall Area Firefighters Amb | 1313 | 1 | 7/1/2018 | 14 | 746,241 | 0 | 0 | 1 | 5,584 | |
| Marshall Dist Lib | 1309 | 1 | 7/1/2018 | 0 | 0 | 1 | 30,313 | 0 | 0 | |
| Marshall, City of | 1306 | 5 | 7/1/2018 | 57 | 3,544,724 | 86 | 2,206,903 | 15 | 169,394 | |
| Mason Co | 5301 | 6 | 1/1/2018 | 120 | 5,613,079 | 192 | 3,026,557 | 43 | 419,620 | |
| Mason Co Dist Lib | 5303 | 1 | 1/1/2018 | 11 | 296,404 | 11 | 139,931 | 1 | 7,966 | |
| Mason CRC | 5305 | 2 | 1/1/2018 | 34 | 1,536,826 | 22 | 378,065 | 4 | 39,409 | |
| Mason, City of | 3304 | 7 | 7/1/2018 | 42 | 2,123,390 | 35 | 1,070,439 | 9 | 91,850 | |
| Mason-Oceana Cty Enh 911 Cen | 6403 | 2 | 1/1/2018 | 13 | 556,880 | 4 | 60,339 | 3 | 64,713 | |
| MBS Intl Arpt | 0902 | 5 | 1/1/2018 | 25 | 1,174,637 | 23 | 696,770 | 4 | 61,313 | |
| Meceola Central Dispatch | 5405 | 1 | 1/1/2018 | 19 | 786,358 | 9 | 108,414 | 2 | 4,110 | |
| Mecosta Co | 5403 | 8 | 1/1/2018 | 39 | 1,966,035 | 121 | 2,019,212 | 38 | 352,639 | |
| Mecosta Co General Hosp CLD | 5404 | 2 | 1/1/2018 | 0 | 0 | 111 | 632,293 | 68 | 230,031 | |
| Mecosta CRC | 5401 | 3 | 1/1/2018 | 43 | 1,680,540 | 55 | 693,575 | 6 | 56,517 | |
| Melvindale HC | 8220 | 2 | 1/1/2018 | 8 | 313,661 | 4 | 80,401 | 5 | 56,980 | |
| Melvindale, City of | 8215 | 6 | 1/1/2018 | 18 | 1,295,717 | 93 | 3,097,163 | 5 | 157,535 | |
| Menominee Co | 5502 | 10 | 10/1/2018 | 72 | 3,580,388 | 98 | 1,165,315 | 12 | 153,590 | |
| Menominee CRC | 5503 | 3 | 1/1/2018 | 7 | 376,534 | 12 | 266,772 | 1 | 30,001 | |
| Menominee, City of | 5501 | 3 | 9/1/2018 | 34 | 1,486,204 | 46 | 487,580 | 14 | 157,982 | |
| Meridian Chtr Twp | 3315 | 6 | 1/1/2018 | 107 | 6,197,969 | 84 | 3,092,974 | 28 | 315,794 | |
| MERS | 2308 | 1 | 1/1/2018 | 126 | 10,080,837 | 34 | 634,809 | 37 | 697,649 | |
| Metamora Twp | 4409 | 1 | 4/1/2018 | 5 | 226,280 | 2 | 28,827 | 3 | 47,612 | |
| Mich Muni Risk Mgmt Auth | 8237 | 1 | 7/1/2018 | 1 | 246,061 | 0 | 0 | 0 | 0 | |
| Mich S Central Power Agcy | 3002 | 3 | 7/1/2018 | 8 | 714,270 | 30 | 732,844 | 23 | 601,689 | |
| Middleville, Vlg of | 0803 | 6 | 1/1/2018 | 8 | 398,578 | 9 | 91,432 | 3 | 12,528 | |
| Midland Co Central Disp Auth | 5604 | 2 | 1/1/2018 | 18 | 990,672 | 6 | 101,979 | 1 | 24,522 | |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number of Divisions | Fiscal Year Beginning | Participant Information | | | | | | |
|--------------------------------|---------------------|-----------------------|-------------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|-----------|
| | | | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits | |
| Midland CRC | 5602 | 4 | 1/1/2018 | 35 | 1,876,853 | 63 | 1,435,018 | 1 | 12,350 |
| Midland, City of | 5601 | 7 | 7/1/2018 | 101 | 6,861,725 | 326 | 9,987,353 | 22 | 376,417 |
| Mid-Mich Dist Hlth Dept | 5901 | 4 | 10/1/2018 | 76 | 3,273,595 | 47 | 467,992 | 38 | 264,318 |
| Mid-Mich Lib League | 8306 | 1 | 10/1/2018 | 2 | 98,324 | 2 | 28,411 | 3 | 32,890 |
| Mid-Peninsula Lib Coop CLD | 3609 | 1 | 10/1/2018 | 0 | 0 | 3 | 21,901 | 0 | 0 |
| Milan Lib | 5806 | 1 | 7/1/2018 | 2 | 80,884 | 2 | 31,059 | 0 | 0 |
| Milan, City of | 5801 | 8 | 7/1/2018 | 9 | 642,227 | 41 | 920,385 | 9 | 121,135 |
| Milford, Vlg of | 6313 | 7 | 7/1/2018 | 22 | 1,658,117 | 25 | 706,286 | 9 | 106,886 |
| Millington, Vlg of | 7904 | 2 | 3/1/2018 | 6 | 233,002 | 7 | 114,917 | 0 | 0 |
| Missaukee Co | 5702 | 3 | 10/1/2018 | 30 | 1,603,743 | 16 | 314,752 | 9 | 91,729 |
| MOA Solid Waste Mgmt Auth | 6002 | 1 | 1/1/2018 | 4 | 150,751 | 2 | 44,309 | 1 | 12,755 |
| Monroe HC | 5808 | 1 | 10/1/2018 | 10 | 464,711 | 4 | 113,647 | 2 | 16,160 |
| Montague, City of | 6112 | 4 | 7/1/2018 | 15 | 1,029,215 | 14 | 298,656 | 2 | 22,577 |
| Montcalm CRC | 5905 | 4 | 10/1/2018 | 49 | 2,279,121 | 49 | 1,124,168 | 4 | 40,961 |
| Montmorency Co | 6001 | 5 | 1/1/2018 | 50 | 1,861,935 | 71 | 747,604 | 14 | 82,325 |
| Montrose, City of | 2509 | 2 | 7/1/2018 | 4 | 159,165 | 7 | 73,332 | 8 | 36,592 |
| Mt. Morris Chtr Twp | 2503 | 7 | 4/1/2018 | 47 | 2,482,357 | 56 | 1,872,040 | 8 | 51,934 |
| Mt. Pleasant, City of | 3701 | 4 | 1/1/2018 | 90 | 4,237,697 | 86 | 1,691,742 | 18 | 181,318 |
| Muir, Vlg of | 3405 | 1 | 7/1/2018 | 2 | 68,540 | 2 | 21,715 | 0 | 0 |
| Mundy, Chtr Twp of | 2517 | 2 | 1/1/2018 | 28 | 1,515,120 | 14 | 394,416 | 6 | 74,843 |
| Munising, City of | 0202 | 3 | 7/1/2018 | 22 | 961,548 | 26 | 466,233 | 7 | 59,805 |
| Muskegon Area Dist Lib | 6117 | 2 | 1/1/2018 | 16 | 808,164 | 5 | 62,419 | 0 | 0 |
| Muskegon Chtr Twp | 6108 | 4 | 1/1/2018 | 40 | 2,368,116 | 40 | 999,236 | 3 | 18,256 |
| Muskegon Co | 6103 | 20 | 10/1/2018 | 531 | 27,677,080 | 1,041 | 17,968,469 | 199 | 2,468,705 |
| Muskegon CRC | 6101 | 6 | 1/1/2018 | 70 | 3,398,543 | 94 | 1,750,702 | 18 | 139,758 |
| Muskegon HC | 6113 | 1 | 10/1/2018 | 6 | 250,986 | 1 | 36,449 | 0 | 0 |
| Muskegon Heights HC | 6115 | 1 | 4/1/2018 | 8 | 371,123 | 4 | 46,953 | 1 | 897 |
| Muskegon Heights, City of | 6102 | 7 | 7/1/2018 | 55 | 2,711,422 | 99 | 2,457,196 | 17 | 180,128 |
| Muskegon, City of | 6116 | 9 | 7/1/2018 | 134 | 8,460,078 | 306 | 6,600,917 | 30 | 516,740 |
| N Houghton Co Wtr&Swg Auth | 3106 | 2 | 1/1/2018 | 3 | 144,800 | 1 | 24,933 | 1 | 4,337 |
| N Muskegon, City of | 6104 | 3 | 12/1/2018 | 10 | 581,807 | 18 | 366,120 | 4 | 28,780 |
| Nashville, Vlg of | 0807 | 1 | 3/1/2018 | 6 | 220,540 | 0 | 0 | 0 | 0 |
| Negaunee Twp | 5217 | 1 | 4/1/2018 | 6 | 233,041 | 2 | 28,861 | 1 | 732 |
| Negaunee, City of | 5203 | 2 | 1/1/2018 | 24 | 1,161,865 | 42 | 846,763 | 6 | 83,200 |
| Network180 | 4109 | 1 | 10/1/2018 | 74 | 5,135,112 | 38 | 1,163,718 | 38 | 537,611 |
| New Baltimore, City of | 5016 | 8 | 7/1/2018 | 57 | 3,042,786 | 40 | 721,378 | 6 | 77,069 |
| New Buffalo, City of | 1113 | 1 | 7/1/2018 | 21 | 1,081,327 | 6 | 96,175 | 8 | 35,677 |
| Newaygo CMH | 6207 | 1 | 10/1/2018 | 1 | 49,130 | 4 | 257,607 | 2 | 17,402 |
| Newaygo Co | 6201 | 8 | 10/1/2018 | 23 | 1,089,831 | 114 | 2,020,240 | 18 | 227,226 |
| Newaygo CRC | 6212 | 6 | 10/1/2018 | 43 | 2,021,952 | 43 | 560,930 | 4 | 27,823 |
| Newaygo MCF | 6204 | 4 | 1/1/2018 | 81 | 3,455,208 | 83 | 797,698 | 26 | 173,258 |
| Newaygo Soil & Wtr Cnsvrn Dist | 6205 | 1 | 9/1/2018 | 3 | 100,856 | 2 | 11,643 | 0 | 0 |
| Newberry, Vlg of | 4802 | 7 | 1/1/2018 | 17 | 647,812 | 27 | 313,023 | 5 | 27,470 |
| Niles Dist Lib | 1105 | 1 | 10/1/2018 | 10 | 344,032 | 7 | 56,805 | 1 | 8,631 |
| Northern Lakes CMH Auth | 2808 | 3 | 1/1/2018 | 19 | 991,949 | 111 | 2,000,447 | 13 | 191,750 |
| Northfield Twp | 8117 | 1 | 7/1/2018 | 10 | 565,824 | 0 | 0 | 3 | 35,653 |
| Northpointe Bhvrl Hlth Sys | 2207 | 4 | 10/1/2018 | 58 | 2,891,510 | 45 | 634,855 | 36 | 281,442 |
| Northville Chtr Twp | 8230 | 5 | 1/1/2018 | 92 | 7,534,853 | 35 | 1,667,257 | 5 | 69,314 |
| Northville Dist Lib | 8229 | 1 | 12/1/2018 | 14 | 753,732 | 11 | 155,973 | 2 | 20,082 |
| Northville, City of | 8208 | 8 | 7/1/2018 | 9 | 706,615 | 63 | 1,528,966 | 10 | 131,788 |
| Norton Shores, City of | 6106 | 11 | 7/1/2018 | 94 | 6,267,719 | 107 | 2,732,421 | 12 | 189,303 |
| Norway, City of | 2204 | 4 | 7/1/2018 | 21 | 1,293,766 | 43 | 1,204,384 | 1 | 28,985 |
| Nottawaseppi Huron Band | 8403 | 1 | 1/1/2018 | 14 | 744,473 | 1 | 3,743 | 1 | 1,993 |
| Novi, City of | 6320 | 10 | 7/1/2018 | 146 | 10,614,530 | 179 | 5,562,689 | 55 | 919,971 |
| NW Mich Cmnty Hlth Agcy | 1502 | 1 | 1/1/2018 | 7 | 436,499 | 35 | 431,981 | 6 | 32,899 |
| NW Rgnl Arpt Comm | 2805 | 2 | 1/1/2018 | 24 | 1,211,465 | 14 | 364,044 | 3 | 27,146 |
| Oceana Co | 6402 | 6 | 1/1/2018 | 165 | 7,784,760 | 163 | 2,054,457 | 28 | 302,112 |
| Oceola Twp | 4717 | 1 | 7/1/2018 | 12 | 453,034 | 3 | 26,252 | 1 | 3,709 |
| Ogemaw Co | 6502 | 4 | 1/1/2018 | 53 | 2,179,119 | 101 | 1,575,620 | 15 | 100,258 |
| Ogemaw Co EMS Auth | 6508 | 2 | 10/1/2018 | 21 | 980,183 | 8 | 113,168 | 1 | 37,745 |
| Ogemaw CRC | 6503 | 3 | 1/1/2018 | 30 | 1,287,385 | 30 | 551,287 | 2 | 54,508 |
| Olive Twp | 7009 | 1 | 4/1/2018 | 2 | 48,772 | 4 | 26,072 | 0 | 0 |
| Onaway, City of | 7105 | 2 | 4/1/2018 | 4 | 151,703 | 2 | 19,523 | 3 | 3,185 |
| Ontonagon Co | 6602 | 6 | 1/1/2018 | 45 | 1,619,688 | 45 | 523,907 | 11 | 79,405 |
| Ontonagon Co Economic Dev Cor | 6605 | 1 | 1/1/2018 | 0 | 0 | 1 | 10,371 | 0 | 0 |
| Ontonagon CRC | 6604 | 1 | 1/1/2018 | 39 | 2,047,690 | 58 | 1,525,346 | 0 | 0 |
| Ontonagon, Vlg of | 6603 | 2 | 4/1/2018 | 9 | 371,370 | 119 | 1,233,771 | 40 | 292,681 |
| Orchard Lake, City of | 6312 | 4 | 7/1/2018 | 4 | 315,333 | 12 | 403,371 | 1 | 8,110 |
| Oronoko Chtr Twp | 1114 | 2 | 1/1/2018 | 10 | 580,201 | 6 | 130,477 | 4 | 21,337 |
| Osceola Co | 6701 | 6 | 1/1/2018 | 112 | 4,649,144 | 71 | 683,914 | 57 | 430,387 |
| Osceola CRC | 6703 | 2 | 1/1/2018 | 23 | 944,278 | 41 | 597,500 | 0 | 0 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Participant Information | | | | | | | |
|--------------------------------|--------|-------------------------|-----------------------|-------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|
| | | Number of Divisions | Fiscal Year Beginning | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits |
| Oscoda Chtr Twp | 3503 | 2 | 1/1/2018 | 9 | 495,390 | 12 | 270,686 | 7 | 40,750 |
| Oscoda Co | 6801 | 6 | 1/1/2018 | 68 | 2,383,546 | 55 | 609,662 | 14 | 73,759 |
| Oscoda Wurtsmith Arpt Auth I | 6802 | 1 | 10/1/2018 | 4 | 183,921 | 2 | 15,202 | 0 | 0 |
| Otisville, Vlg of | 2506 | 2 | 7/1/2018 | 3 | 154,779 | 4 | 64,051 | 1 | 1,545 |
| Otsego Co | 6902 | 18 | 1/1/2018 | 110 | 4,435,813 | 101 | 1,242,118 | 43 | 376,723 |
| Otsego CRC | 6901 | 3 | 1/1/2018 | 33 | 1,576,491 | 49 | 792,185 | 5 | 63,625 |
| Ottawa Co | 7003 | 16 | 10/1/2018 | 574 | 34,396,609 | 562 | 12,513,805 | 188 | 2,355,359 |
| Ottawa Co Central Disp Auth | 7008 | 2 | 1/1/2018 | 6 | 329,831 | 10 | 118,418 | 1 | 8,197 |
| Ottawa CRC | 7002 | 3 | 10/1/2018 | 95 | 5,699,998 | 139 | 3,872,964 | 14 | 168,666 |
| Otter Lake, Vlg of | 4408 | 1 | 3/1/2018 | 1 | 39,715 | 0 | 0 | 0 | 0 |
| Owosso, City of | 7607 | 2 | 7/1/2018 | 6 | 409,210 | 14 | 396,219 | 1 | 15,138 |
| Oxford Fire Department | 6327 | 2 | 1/1/2018 | 15 | 1,128,865 | 14 | 288,400 | 3 | 39,562 |
| Oxford, Vlg of | 6326 | 2 | 7/1/2018 | 12 | 584,748 | 5 | 150,391 | 4 | 34,448 |
| Parchment, City of | 3901 | 1 | 1/1/2018 | 5 | 234,654 | 16 | 260,906 | 1 | 6,407 |
| Pathways(Spr.Bhvl.Mntl.Hlth) | 5214 | 7 | 10/1/2018 | 28 | 1,358,187 | 251 | 4,345,269 | 68 | 544,533 |
| Paw Paw Lk Reg Jnt Swg Disp Bd | 1103 | 1 | 4/1/2018 | 4 | 245,194 | 1 | 45,168 | 0 | 0 |
| Paw Paw, Vlg of | 8002 | 4 | 3/1/2018 | 31 | 1,656,800 | 22 | 515,033 | 5 | 36,842 |
| Pellston, Vlg of | 2404 | 1 | 1/1/2018 | 3 | 89,287 | 0 | 0 | 0 | 0 |
| Pennfield Chtr Twp | 1312 | 1 | 4/1/2018 | 16 | 720,570 | 7 | 111,699 | 1 | 12,089 |
| Pentwater, Vlg of | 6401 | 1 | 4/1/2018 | 10 | 485,569 | 13 | 124,705 | 3 | 26,689 |
| Perrinton, Vlg of | 2909 | 1 | 3/1/2018 | 1 | 44,282 | 0 | 0 | 1 | 5,874 |
| Petersburg, City of | 5807 | 1 | 7/1/2018 | 7 | 219,842 | 0 | 0 | 2 | 23,134 |
| Petoskey, City of | 2402 | 5 | 1/1/2018 | 69 | 4,247,006 | 76 | 1,476,087 | 11 | 156,866 |
| Pewamo, Vlg of | 3407 | 1 | 4/1/2018 | 2 | 96,351 | 0 | 0 | 0 | 0 |
| Pigeon, Vlg of | 3203 | 2 | 3/1/2018 | 4 | 217,266 | 5 | 84,377 | 3 | 24,404 |
| Pinckney, Vlg of | 4706 | 2 | 3/1/2018 | 13 | 541,924 | 4 | 135,304 | 6 | 12,717 |
| Pinconning, City of | 0904 | 4 | 7/1/2018 | 6 | 231,284 | 17 | 182,035 | 1 | 16,780 |
| Pittsfield Chtr Twp | 8110 | 15 | 1/1/2018 | 134 | 8,424,988 | 47 | 1,014,005 | 26 | 325,126 |
| Pleasant Ridge, City of | 6301 | 6 | 7/1/2018 | 10 | 618,585 | 14 | 362,400 | 9 | 43,187 |
| Plymouth Dist Lib | 8221 | 1 | 1/1/2018 | 14 | 913,279 | 10 | 267,663 | 1 | 3,365 |
| Plymouth, Chtr Twp of | 8238 | 5 | 1/1/2018 | 48 | 3,970,486 | 27 | 1,373,965 | 6 | 159,449 |
| Plymouth, City of | 8202 | 6 | 7/1/2018 | 0 | 0 | 57 | 1,537,814 | 6 | 23,815 |
| Pokagon Band of Potawatomi | 8401 | 1 | 1/1/2018 | 235 | 12,760,886 | 25 | 298,153 | 25 | 208,674 |
| Port Austin Area Swr&Wtr Auth | 3210 | 1 | 3/1/2018 | 0 | 0 | 1 | 5,599 | 1 | 4,934 |
| Port Austin, Vlg of | 3208 | 1 | 3/1/2018 | 5 | 160,819 | 5 | 50,712 | 2 | 1,646 |
| Port Huron Chtr Twp | 7711 | 1 | 1/1/2018 | 18 | 950,260 | 11 | 194,081 | 2 | 33,981 |
| Port Huron HC | 7712 | 4 | 7/1/2018 | 23 | 973,734 | 23 | 567,419 | 2 | 18,352 |
| Port Huron, City of | 7702 | 11 | 7/1/2018 | 229 | 13,768,369 | 372 | 10,970,740 | 41 | 423,667 |
| Port Sanilac, Vlg of | 7403 | 2 | 7/1/2018 | 4 | 141,519 | 4 | 72,970 | 1 | 7,368 |
| Port Sheldon Twp | 7018 | 1 | 4/1/2018 | 7 | 186,373 | 1 | 13,170 | 0 | 0 |
| Portland, City of | 3401 | 6 | 7/1/2018 | 30 | 1,964,499 | 38 | 747,018 | 11 | 149,997 |
| Pottersville, City of | 2313 | 1 | 7/1/2018 | 9 | 415,015 | 2 | 61,851 | 3 | 5,149 |
| Presque Isle Co | 7104 | 6 | 7/1/2018 | 70 | 2,294,761 | 60 | 760,311 | 14 | 101,955 |
| Presque Isle CRC | 7101 | 3 | 1/1/2018 | 27 | 1,095,758 | 46 | 757,619 | 0 | 0 |
| PRIDE Youth Programs CLD | 6210 | 1 | 10/1/2018 | 0 | 0 | 2 | 45,930 | 0 | 0 |
| Ravenna, Vlg of | 6111 | 1 | 1/1/2018 | 2 | 114,477 | 1 | 21,801 | 1 | 5,749 |
| Reading, City of | 3003 | 1 | 7/1/2018 | 5 | 189,455 | 4 | 16,693 | 4 | 5,885 |
| Redford Twp Dist Lib | 8228 | 1 | 4/1/2018 | 9 | 472,358 | 6 | 119,139 | 3 | 15,539 |
| Redford, Chtr Twp of | 8209 | 8 | 4/1/2018 | 96 | 4,204,172 | 175 | 3,793,137 | 32 | 344,516 |
| Reed City, City of | 6702 | 3 | 7/1/2018 | 19 | 868,742 | 26 | 357,500 | 8 | 40,564 |
| Richfield Twp (Genesee Co) | 2514 | 2 | 7/1/2018 | 14 | 698,278 | 7 | 238,994 | 6 | 69,398 |
| Richfield Twp (Roscommon Co) | 7202 | 2 | 4/1/2018 | 11 | 368,349 | 10 | 129,699 | 7 | 85,671 |
| Richland Twp | 7310 | 3 | 4/1/2018 | 12 | 384,321 | 9 | 304,740 | 3 | 3,865 |
| Richmond, City of | 5012 | 1 | 7/1/2018 | 10 | 506,169 | 2 | 58,819 | 0 | 0 |
| Rochester, City of | 6307 | 5 | 7/1/2018 | 44 | 3,079,953 | 52 | 1,334,358 | 3 | 76,881 |
| Rockford, City of | 4103 | 5 | 7/1/2018 | 27 | 1,584,261 | 27 | 458,936 | 13 | 170,579 |
| Rockwood, City of | 5810 | 3 | 7/1/2018 | 13 | 687,313 | 6 | 102,404 | 4 | 19,041 |
| Rogers City, City of | 7102 | 3 | 7/1/2018 | 21 | 1,016,544 | 28 | 774,225 | 7 | 57,192 |
| Romeo Dist Lib | 5006 | 2 | 7/1/2018 | 3 | 172,466 | 20 | 237,825 | 7 | 82,693 |
| Romeo, Vlg of | 5005 | 5 | 7/1/2018 | 23 | 1,205,787 | 19 | 387,571 | 4 | 14,605 |
| Romulus, City of | 8225 | 7 | 7/1/2018 | 57 | 3,853,356 | 62 | 3,328,922 | 7 | 224,756 |
| Roosevelt Park, City of | 6107 | 2 | 12/1/2018 | 6 | 407,997 | 20 | 349,900 | 8 | 76,748 |
| Roscommon Co | 7201 | 6 | 1/1/2018 | 81 | 3,803,411 | 104 | 1,534,467 | 26 | 261,054 |
| Roscommon Co Trans Auth | 7205 | 1 | 10/1/2018 | 24 | 751,357 | 13 | 167,508 | 0 | 0 |
| Rose City, City of | 6504 | 1 | 7/1/2018 | 4 | 138,159 | 4 | 45,393 | 2 | 6,228 |
| Rose Twp | 6506 | 1 | 4/1/2018 | 5 | 44,025 | 3 | 7,581 | 0 | 0 |
| Royal Oak, Chtr Twp of | 6306 | 5 | 1/1/2018 | 2 | 46,629 | 15 | 210,379 | 1 | 469 |
| Saginaw Chtr Twp | 7314 | 2 | 4/1/2018 | 36 | 2,320,068 | 29 | 1,226,913 | 7 | 77,883 |
| Saginaw Co | 7303 | 21 | 10/1/2018 | 47 | 2,579,083 | 569 | 12,192,785 | 49 | 376,229 |
| Saginaw Co 911 Com Ctr | 7316 | 4 | 10/1/2018 | 4 | 289,036 | 31 | 937,414 | 2 | 36,334 |
| Saginaw Co CMH | 7318 | 5 | 10/1/2018 | 11 | 562,045 | 93 | 1,386,019 | 21 | 150,665 |
| Saginaw CRC | 7304 | 7 | 1/1/2018 | 65 | 3,527,334 | 104 | 2,113,271 | 7 | 99,806 |
| Saginaw HC | 7321 | 3 | 7/1/2018 | 7 | 288,986 | 10 | 256,816 | 4 | 87,036 |
| Saginaw Trans Sys Auth | 7319 | 1 | 10/1/2018 | 16 | 633,017 | 12 | 132,344 | 9 | 63,794 |
| Saginaw, City of | 7301 | 13 | 7/1/2018 | 198 | 11,109,314 | 857 | 28,770,204 | 19 | 384,903 |
| Saginaw, Pub Lib of | 7317 | 1 | 7/1/2018 | 10 | 584,291 | 5 | 50,488 | 8 | 69,114 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| <u>Municipality Name</u> | <u>Number</u> | <u>Participant Information</u> | | | | | | | |
|-------------------------------|---------------|--------------------------------|------------------------------|--------------------------|----------------------|---------------------------|---------------------------------|-------------------------------|---------------------------------|
| | | <u>Number of Divisions</u> | <u>Fiscal Year Beginning</u> | <u>Number of Actives</u> | <u>Active Salary</u> | <u>Number of Retirees</u> | <u>Annual Benefits in Force</u> | <u>Number Deferred Vested</u> | <u>Annual Deferred Benefits</u> |
| Saginaw-Midland Muni Wtr Corp | 7305 | 2 | 7/1/2018 | 7 | 504,338 | 14 | 304,711 | 1 | 7,353 |
| Saline, City of | 8105 | 5 | 7/1/2018 | 40 | 2,797,436 | 72 | 1,672,093 | 10 | 79,733 |
| Sandusky Dist Lib | 7404 | 1 | 1/1/2018 | 1 | 49,920 | 1 | 4,656 | 0 | 0 |
| Sandusky, City of | 7402 | 3 | 3/1/2018 | 17 | 747,887 | 13 | 268,483 | 5 | 67,234 |
| Sanilac CRC | 7410 | 1 | 1/1/2018 | 48 | 2,363,970 | 15 | 366,455 | 0 | 0 |
| Saranac HC | 3413 | 1 | 4/1/2018 | 4 | 165,886 | 2 | 36,063 | 0 | 0 |
| Saugatuck Twp | 0305 | 2 | 7/1/2018 | 4 | 207,416 | 5 | 68,246 | 1 | 12,982 |
| Saugatuck Twp Fire Dist | 0313 | 1 | 7/1/2018 | 4 | 198,475 | 1 | 31,803 | 0 | 0 |
| Saugatuck, City of | 0307 | 2 | 7/1/2018 | 8 | 415,545 | 11 | 151,834 | 2 | 6,987 |
| Sault Ste. Marie HC | 4906 | 1 | 4/1/2018 | 9 | 373,794 | 4 | 116,562 | 1 | 3,195 |
| Sault Ste. Marie, City of | 1701 | 8 | 7/1/2018 | 78 | 3,725,549 | 89 | 1,966,355 | 11 | 120,755 |
| SCCMJA | 1905 | 2 | 1/1/2018 | 11 | 603,638 | 9 | 167,141 | 7 | 88,559 |
| Schoolcraft Co | 7503 | 16 | 10/1/2018 | 149 | 4,751,759 | 116 | 1,984,779 | 43 | 275,880 |
| Schoolcraft Co Trans Auth | 7506 | 2 | 10/1/2018 | 14 | 425,406 | 0 | 0 | 0 | 0 |
| Schoolcraft CRC | 7501 | 2 | 10/1/2018 | 18 | 957,342 | 41 | 1,072,371 | 4 | 71,433 |
| Schoolcraft Memorial Hosp | 7505 | 5 | 1/1/2018 | 29 | 1,497,357 | 74 | 1,245,123 | 21 | 330,424 |
| Scio Twp | 8116 | 2 | 4/1/2018 | 22 | 1,458,427 | 4 | 37,766 | 0 | 0 |
| Scottville, City of | 5308 | 1 | 7/1/2018 | 7 | 269,990 | 1 | 17,558 | 1 | 4,542 |
| SE Oakland Co Rsrc Rec Auth | 6310 | 3 | 7/1/2018 | 18 | 1,017,901 | 25 | 383,298 | 5 | 60,681 |
| SE Oakland Co Wtr Auth | 6309 | 4 | 7/1/2018 | 16 | 973,140 | 23 | 650,565 | 1 | 548 |
| Sebewaing, Vlg of | 3205 | 6 | 4/1/2018 | 18 | 1,011,141 | 23 | 609,115 | 4 | 64,682 |
| SEMCOG | 8210 | 1 | 7/1/2018 | 60 | 4,178,310 | 60 | 1,678,160 | 26 | 292,593 |
| Shepherd, Vlg of | 3704 | 2 | 3/1/2018 | 6 | 280,009 | 2 | 13,069 | 0 | 0 |
| Shiawassee Co | 7602 | 24 | 1/1/2018 | 416 | 15,925,192 | 383 | 7,481,643 | 135 | 1,311,017 |
| Shiawassee Co CMH | 7609 | 3 | 10/1/2018 | 120 | 5,445,724 | 60 | 659,203 | 61 | 437,754 |
| Shiawassee Council on Aging | 7605 | 1 | 1/1/2018 | 5 | 150,960 | 9 | 78,304 | 0 | 0 |
| Shiawassee CRC | 7601 | 5 | 1/1/2018 | 35 | 1,671,608 | 53 | 1,393,858 | 8 | 247,224 |
| Shiawassee Dist Lib | 7606 | 1 | 12/1/2018 | 7 | 372,530 | 2 | 48,641 | 1 | 9,313 |
| Sims Whitney Util Auth | 0606 | 1 | 7/1/2018 | 2 | 104,733 | 2 | 9,236 | 0 | 0 |
| SMART | 8216 | 9 | 7/1/2018 | 755 | 36,992,486 | 845 | 14,889,888 | 171 | 1,734,291 |
| South Haven Area ESA | 8005 | 3 | 1/1/2018 | 14 | 976,614 | 6 | 242,827 | 0 | 0 |
| South Haven, City of | 8001 | 6 | 7/1/2018 | 83 | 4,957,515 | 81 | 1,588,507 | 15 | 172,807 |
| South Lyon, City of | 6315 | 5 | 7/1/2018 | 43 | 2,725,500 | 26 | 573,433 | 9 | 134,105 |
| Southgate, City of | 8262 | 1 | 7/1/2018 | 44 | 2,350,053 | 82 | 2,097,084 | 5 | 75,819 |
| Sparta, Vlg of | 4107 | 5 | 1/1/2018 | 16 | 908,707 | 11 | 203,447 | 3 | 31,270 |
| Spring Lake Dist Lib | 7016 | 1 | 1/1/2018 | 9 | 420,050 | 1 | 12,077 | 0 | 0 |
| Spring Lake, Vlg of | 7015 | 3 | 7/1/2018 | 7 | 313,969 | 6 | 207,126 | 10 | 206,500 |
| Springfield, City of | 1303 | 3 | 7/1/2018 | 15 | 684,780 | 40 | 815,592 | 18 | 306,135 |
| St Charles, Vlg of | 7308 | 3 | 4/1/2018 | 8 | 393,435 | 11 | 255,066 | 3 | 13,735 |
| St Clair HC | 7715 | 1 | 1/1/2018 | 1 | 36,917 | 4 | 74,629 | 0 | 0 |
| St Clair Shores HC | 5007 | 1 | 1/1/2018 | 7 | 379,065 | 9 | 157,059 | 2 | 50,191 |
| St Clair, City of | 7703 | 8 | 10/1/2018 | 24 | 1,427,041 | 47 | 1,348,937 | 6 | 71,428 |
| St Ignace, City of | 4904 | 6 | 1/1/2018 | 26 | 1,135,338 | 29 | 608,611 | 6 | 41,003 |
| St Johns, City of | 1902 | 3 | 7/1/2018 | 15 | 865,538 | 55 | 1,356,280 | 5 | 45,518 |
| St Joseph Co | 7803 | 5 | 1/1/2018 | 185 | 8,588,069 | 127 | 2,197,508 | 53 | 522,554 |
| St Louis HC | 2908 | 1 | 7/1/2018 | 3 | 140,573 | 1 | 21,858 | 0 | 0 |
| St Louis, City of | 2902 | 4 | 7/1/2018 | 5 | 325,067 | 30 | 602,531 | 5 | 26,605 |
| Stambaugh Twp | 3615 | 1 | 4/1/2018 | 1 | 44,718 | 1 | 5,302 | 0 | 0 |
| Standish, City of | 0601 | 1 | 7/1/2018 | 1 | 29,932 | 13 | 233,134 | 1 | 10,081 |
| Stanton, City of CLD | 5903 | 1 | 3/1/2018 | 0 | 0 | 2 | 5,670 | 0 | 0 |
| Stephenson, City of | 5504 | 1 | 7/1/2018 | 4 | 177,186 | 1 | 9,822 | 0 | 0 |
| Sterling, Vlg of | 0605 | 1 | 4/1/2018 | 1 | 42,133 | 1 | 4,976 | 0 | 0 |
| Stockbridge, Vlg of | 3316 | 1 | 3/1/2018 | 5 | 263,047 | 3 | 33,525 | 1 | 1,757 |
| Sturgis HC | 7805 | 1 | 10/1/2018 | 3 | 104,205 | 0 | 0 | 1 | 4,161 |
| Summit Twp | 3803 | 3 | 4/1/2018 | 34 | 1,982,880 | 26 | 623,936 | 3 | 62,486 |
| Sumpter Twp | 8226 | 3 | 4/1/2018 | 26 | 1,703,358 | 11 | 289,220 | 1 | 11,633 |
| Superior Chtr Twp | 8109 | 2 | 1/1/2018 | 24 | 1,583,227 | 12 | 387,218 | 0 | 0 |
| Superior Dist Lib | 1702 | 1 | 7/1/2018 | 9 | 284,862 | 7 | 63,065 | 0 | 0 |
| Superiorland Lib Coop | 5208 | 1 | 10/1/2018 | 1 | 71,615 | 3 | 78,460 | 1 | 4,390 |
| Suttons Bay Bingham Fire Auth | 4506 | 1 | 4/1/2018 | 9 | 551,634 | 0 | 0 | 1 | 12,356 |
| SW Mich Comm Amb Svcs | 1119 | 1 | 7/1/2018 | 13 | 775,112 | 3 | 99,860 | 1 | 14,938 |
| SW Shiawassee ESA | 7611 | 1 | 1/1/2018 | 12 | 572,528 | 1 | 6,080 | 2 | 17,097 |
| Swan Creek Twp | 7309 | 1 | 4/1/2018 | 7 | 121,208 | 8 | 70,591 | 0 | 0 |
| Swartz Creek, City of | 2504 | 3 | 7/1/2018 | 8 | 511,896 | 19 | 610,793 | 1 | 9,681 |
| Sylvan Lake, City of | 6314 | 2 | 7/1/2018 | 5 | 339,184 | 10 | 151,581 | 1 | 7,728 |
| Tawas Police Auth | 3504 | 1 | 7/1/2018 | 3 | 144,421 | 4 | 73,734 | 3 | 41,686 |
| Taylor HC | 8231 | 1 | 4/1/2018 | 5 | 264,658 | 2 | 26,854 | 0 | 0 |
| The Lib Network | 8218 | 3 | 10/1/2018 | 30 | 1,186,143 | 29 | 382,454 | 9 | 82,658 |
| Three Rivers, City of | 7801 | 10 | 7/1/2018 | 64 | 3,179,822 | 50 | 971,816 | 21 | 282,031 |
| Tittabawassee, Twp of | 7322 | 1 | 4/1/2018 | 14 | 816,119 | 4 | 106,155 | 1 | 24,644 |
| Traverse Area Dist Lib | 2807 | 1 | 1/1/2018 | 37 | 1,733,192 | 31 | 431,735 | 2 | 5,538 |
| Traverse City Light & Power | 2811 | 3 | 7/1/2018 | 36 | 2,728,607 | 57 | 1,903,775 | 4 | 49,864 |
| Traverse City, City of | 2801 | 5 | 7/1/2018 | 98 | 5,927,328 | 128 | 2,636,168 | 22 | 230,844 |
| Trenton, City of | 8203 | 2 | 7/1/2018 | 18 | 1,139,210 | 125 | 3,392,438 | 1 | 7,652 |
| Tri-County Aging Consortium | 3307 | 2 | 10/1/2018 | 102 | 3,638,975 | 50 | 365,689 | 22 | 173,915 |
| Trio Council on Aging Inc CLD | 6507 | 1 | 10/1/2018 | 0 | 0 | 3 | 22,440 | 1 | 3,287 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix A

| Municipality Name | Number | Number of Divisions | Fiscal Year Beginning | Participant Information | | | | | |
|---------------------------------|--------|---------------------|-----------------------|-------------------------|---------------|--------------------|--------------------------|------------------------|--------------------------|
| | | | | Number of Actives | Active Salary | Number of Retirees | Annual Benefits in Force | Number Deferred Vested | Annual Deferred Benefits |
| Tuscarora Twp | 1604 | 1 | 7/1/2018 | 8 | 465,158 | 4 | 84,124 | 1 | 18,941 |
| Tuscola Co | 7902 | 17 | 1/1/2018 | 138 | 6,087,878 | 132 | 2,006,012 | 25 | 257,698 |
| Tuscola Co CMH | 7907 | 1 | 10/1/2018 | 121 | 5,227,721 | 58 | 656,334 | 17 | 96,582 |
| Tuscola Co Hlth Dpt | 7901 | 2 | 1/1/2018 | 27 | 1,199,952 | 33 | 594,952 | 0 | 0 |
| Tuscola Co MCF | 7906 | 1 | 1/1/2018 | 331 | 11,057,929 | 90 | 728,597 | 30 | 143,257 |
| Tuscola CRC | 7908 | 3 | 1/1/2018 | 24 | 1,051,454 | 22 | 397,931 | 3 | 19,817 |
| Twin City Pub Safety Auth CLD | 3610 | 1 | 7/1/2018 | 0 | 0 | 2 | 6,414 | 1 | 2,929 |
| Ubly, Vlg of | 3212 | 1 | 3/1/2018 | 3 | 128,813 | 1 | 32,545 | 2 | 25,154 |
| Utica, City of | 5008 | 4 | 7/1/2018 | 17 | 999,759 | 12 | 283,307 | 0 | 0 |
| Van Buren Co | 8006 | 10 | 10/1/2018 | 247 | 11,422,725 | 89 | 1,616,410 | 18 | 283,522 |
| Van Buren Dist Lib | 8007 | 1 | 1/1/2018 | 15 | 615,447 | 5 | 90,386 | 2 | 10,038 |
| Van Buren Twp | 8236 | 2 | 1/1/2018 | 48 | 3,566,357 | 10 | 513,482 | 7 | 198,654 |
| Vassar, City of | 7903 | 3 | 7/1/2018 | 6 | 336,374 | 30 | 530,536 | 7 | 63,215 |
| Vevay Twp | 3318 | 1 | 4/1/2018 | 4 | 136,514 | 5 | 54,797 | 1 | 1,283 |
| Vicksburg Dist Lib | 3904 | 1 | 3/1/2018 | 1 | 52,242 | 2 | 9,444 | 1 | 716 |
| Vicksburg, Vlg of | 3902 | 2 | 7/1/2018 | 13 | 631,719 | 11 | 168,046 | 9 | 73,274 |
| Vienna, Chtr Twp of | 2522 | 1 | 1/1/2018 | 6 | 241,510 | 7 | 124,823 | 0 | 0 |
| W Iron Co Swr Auth | 3612 | 2 | 7/1/2018 | 3 | 148,350 | 4 | 86,709 | 0 | 0 |
| W Mich CMH Sys | 5304 | 1 | 10/1/2018 | 3 | 208,377 | 19 | 296,705 | 5 | 80,649 |
| W Mich Shoreline Rgnl Dev Comrr | 6110 | 1 | 10/1/2018 | 10 | 550,547 | 7 | 241,935 | 4 | 13,560 |
| W UP Dist Hlth Dept | 3101 | 2 | 1/1/2018 | 23 | 969,215 | 95 | 1,002,074 | 43 | 313,005 |
| Wakefield, City of | 2701 | 1 | 7/1/2018 | 13 | 610,688 | 20 | 381,825 | 2 | 16,865 |
| Walker, City of | 4112 | 4 | 7/1/2018 | 31 | 2,056,503 | 50 | 1,248,620 | 3 | 63,672 |
| Walled Lake, City of | 6324 | 6 | 7/1/2018 | 21 | 1,420,690 | 32 | 878,910 | 12 | 218,047 |
| Washtenaw Co | 8113 | 4 | 1/1/2018 | 318 | 22,640,190 | 67 | 2,395,456 | 28 | 440,713 |
| Washtenaw CRC | 8102 | 6 | 10/1/2018 | 126 | 7,327,466 | 133 | 3,623,342 | 15 | 230,477 |
| Wayland, City of | 0304 | 2 | 7/1/2018 | 18 | 868,041 | 22 | 438,936 | 9 | 54,063 |
| Wayne HC | 8252 | 1 | 1/1/2018 | 3 | 126,341 | 2 | 54,960 | 0 | 0 |
| Wayne, City of | 8242 | 22 | 7/1/2018 | 60 | 4,101,050 | 202 | 7,534,969 | 24 | 471,492 |
| Webberville, Vlg of | 3314 | 1 | 4/1/2018 | 4 | 193,421 | 3 | 28,816 | 3 | 11,565 |
| West Branch Dist Lib | 6509 | 1 | 7/1/2018 | 3 | 107,455 | 1 | 19,370 | 0 | 0 |
| West Branch, City of | 6505 | 5 | 7/1/2018 | 16 | 661,594 | 21 | 343,474 | 1 | 14,760 |
| Westland, City of | 8211 | 14 | 7/1/2018 | 116 | 6,889,905 | 298 | 8,845,394 | 41 | 511,228 |
| Westphalia, Vlg of | 1907 | 1 | 3/1/2018 | 2 | 135,142 | 2 | 14,536 | 0 | 0 |
| Wexford Co | 8302 | 10 | 1/1/2018 | 109 | 4,597,331 | 104 | 1,703,460 | 30 | 346,223 |
| Wexford CRC | 8303 | 4 | 1/1/2018 | 26 | 1,294,335 | 44 | 697,198 | 13 | 143,220 |
| White Cloud Cmnty Lib | 6208 | 2 | 7/1/2018 | 4 | 131,448 | 1 | 11,946 | 0 | 0 |
| White Cloud, City of | 6206 | 1 | 7/1/2018 | 6 | 234,073 | 7 | 52,324 | 3 | 13,510 |
| White Cloud/Sherman Util | 6211 | 1 | 7/1/2018 | 3 | 120,734 | 1 | 8,750 | 0 | 0 |
| White Lake Chtr Twp | 6325 | 8 | 1/1/2018 | 83 | 5,020,601 | 41 | 1,369,829 | 7 | 118,615 |
| White Pigeon, Vlg of | 7804 | 1 | 4/1/2018 | 2 | 96,262 | 1 | 6,532 | 2 | 13,357 |
| White Pine District Library | 5904 | 1 | 7/1/2018 | 2 | 39,225 | 4 | 22,864 | 0 | 0 |
| Whitehall, City of | 6105 | 6 | 7/1/2018 | 21 | 1,267,316 | 23 | 365,918 | 1 | 12,620 |
| Willard Pub Lib | 1308 | 2 | 7/1/2018 | 34 | 1,777,552 | 3 | 51,329 | 2 | 16,609 |
| Williamston, City of | 3310 | 5 | 7/1/2018 | 17 | 897,292 | 20 | 286,023 | 3 | 32,367 |
| Wixom, City of | 6316 | 6 | 7/1/2018 | 28 | 2,061,173 | 54 | 1,753,903 | 13 | 142,716 |
| Wolverine Lake, Vlg of | 6329 | 3 | 7/1/2018 | 8 | 497,622 | 9 | 179,696 | 3 | 47,329 |
| WUPPDR | 3108 | 1 | 10/1/2018 | 6 | 186,057 | 4 | 122,225 | 1 | 15,851 |
| Ypsilanti Cmnty Util Auth | 8106 | 6 | 9/1/2018 | 107 | 6,618,831 | 116 | 3,181,872 | 16 | 250,629 |
| Ypsilanti HC | 8115 | 1 | 7/1/2018 | 2 | 144,938 | 4 | 71,418 | 2 | 19,509 |
| Ypsilanti, City of | 8101 | 7 | 7/1/2018 | 43 | 2,263,584 | 51 | 801,227 | 19 | 148,392 |
| Ypsilanti, Twp of | 8104 | 2 | 1/1/2018 | 66 | 3,482,631 | 58 | 1,123,804 | 12 | 149,920 |
| Totals - Active Groups | 720 | 2,668 | | 34,843 | 1,779,919,980 | 38,474 | 821,000,566 | 8,124 | 84,862,709 |
| Totals - Closed Groups | 15 | 19 | | 0 | 0 | 300 | 1,640,246 | 128 | 357,353 |
| Totals - MERS | 735 | 2,687 | | 34,843 | 1,779,919,980 | 38,774 | 822,640,812 | 8,252 | 85,220,062 |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| Municipality Name | Number | Actuarial Accrued Liability | | | | Total Liability | Actuarial Value of Assets | Percent Funded |
|-----------------------------|--------|-----------------------------|-------------------------|-------------------|--------------------------|-----------------|---------------------------|----------------|
| | | Active Liability | Vested Former Liability | Retired Liability | Pending Refund Liability | | | |
| 21st Dist Ct | 8243 | 318,678 | 0 | 2,514,553 | 0 | 2,833,231 | 1,844,676 | 65.1% |
| 23rd Jud Dist Ct | 8223 | 1,768,960 | 186,148 | 1,985,301 | 506 | 3,940,915 | 3,009,197 | 76.4% |
| 26th Jud Cir Ct | 0403 | 1,330,112 | 607,318 | 1,883,247 | 0 | 3,820,677 | 3,465,794 | 90.7% |
| 34th Dist Ct | 8235 | 4,660,252 | 229,229 | 4,553,053 | 1,187 | 9,443,721 | 5,722,862 | 60.6% |
| 35th Dist Ct | 8234 | 467,744 | 0 | 4,481,291 | 14,684 | 4,963,719 | 2,914,481 | 58.7% |
| 41 B Dist Ct | 5014 | 4,974,430 | 723,370 | 3,785,233 | 17,237 | 9,500,270 | 7,312,727 | 77.0% |
| Addison Fire Dept | 4607 | 275,032 | 53,805 | 0 | 0 | 328,837 | 300,946 | 91.5% |
| Adrian, City of | 4601 | 19,007,227 | 1,526,111 | 41,818,614 | 212,536 | 62,564,488 | 42,197,466 | 67.4% |
| Aitkin Memorial Dist Lib | 7407 | 0 | 82,805 | 0 | 0 | 82,805 | 144,045 | 174.0% |
| Albion, City of | 1301 | 4,302,199 | 591,261 | 9,181,361 | 2,268 | 14,077,089 | 13,943,511 | 99.1% |
| Alcona Co | 0101 | 6,525,873 | 328,192 | 7,832,723 | 1,470 | 14,688,258 | 9,817,944 | 66.8% |
| Alger Co | 0203 | 5,092,875 | 97,190 | 7,857,624 | 3,197 | 13,050,886 | 9,238,934 | 70.8% |
| Algen CRC | 0201 | 3,650,588 | 178,435 | 5,862,042 | 6,237 | 9,697,302 | 6,425,000 | 66.3% |
| Algonac, City of | 7707 | 1,435,485 | 651,400 | 4,154,297 | 2,250 | 6,243,432 | 4,931,918 | 79.0% |
| Allegan Co | 0302 | 17,869,081 | 3,154,427 | 47,030,105 | 97,752 | 68,151,365 | 60,954,708 | 89.4% |
| Allegan CRC | 0301 | 5,654,312 | 629,615 | 17,470,026 | 15,115 | 23,769,068 | 14,058,523 | 59.1% |
| Allegan, City of | 0309 | 2,415,485 | 917,243 | 2,369,763 | 0 | 5,702,491 | 4,079,235 | 71.5% |
| Alma, City of | 2901 | 8,861,127 | 323,002 | 13,724,033 | 85,576 | 22,993,738 | 18,161,515 | 79.0% |
| Almont, Vlg of | 4407 | 1,218,990 | 19,448 | 1,581,576 | 712 | 2,820,726 | 2,078,666 | 73.7% |
| Alpena Co | 0401 | 7,252,651 | 1,207,353 | 13,372,634 | 21,454 | 21,854,092 | 14,023,717 | 64.2% |
| Alpena CRC | 0402 | 2,815,292 | 51,144 | 9,729,563 | 0 | 12,595,999 | 8,775,551 | 69.7% |
| Alpena HC | 0406 | 1,898,895 | 132,409 | 247,982 | 76 | 2,279,362 | 2,302,666 | 101.0% |
| Alpena Sr Citizens Ctr | 0404 | 0 | 0 | 753,380 | 0 | 753,380 | 61,278 | 8.1% |
| Alpha, Vlg of | 3614 | 15,300 | 32,214 | 0 | 0 | 47,514 | 65,954 | 138.8% |
| Antrim Co | 0502 | 24,257,982 | 3,797,985 | 16,989,807 | 84,648 | 45,130,422 | 33,511,638 | 74.3% |
| Antrim CRC | 0501 | 5,418,828 | 631,150 | 7,792,101 | 0 | 13,842,079 | 6,894,356 | 49.8% |
| Arenac Co | 0603 | 5,148,243 | 842,127 | 6,800,317 | 9,832 | 12,800,519 | 9,005,788 | 70.4% |
| Arenac CRC | 0604 | 1,744,558 | 21,548 | 4,839,645 | 1,225 | 6,606,976 | 2,286,603 | 34.6% |
| Ash Twp | 5804 | 385,644 | 5,528 | 472,649 | 0 | 863,821 | 451,947 | 52.3% |
| Au Gres, City of | 0602 | 217,400 | 0 | 2,086,486 | 0 | 2,303,886 | 1,654,257 | 71.8% |
| Auburn, City of | 0905 | 8,513 | 105,105 | 1,949,383 | 0 | 2,063,001 | 1,115,795 | 54.1% |
| Bad Axe Area Dist Lib | 3214 | 139,366 | 0 | 0 | 0 | 139,366 | 116,680 | 83.7% |
| Bad Axe, City of | 3211 | 3,296,885 | 44,018 | 4,736,665 | 1,503 | 8,079,071 | 4,705,051 | 58.2% |
| Bancroft, Vlg of | 7610 | 0 | 23,914 | 70,756 | 0 | 94,670 | 30,079 | 31.8% |
| Bangor, City of | 8003 | 27,987 | 146,015 | 1,541,047 | 1,138 | 1,716,187 | 2,184,980 | 127.3% |
| Baraga Co | 0702 | 2,934,584 | 504,580 | 3,803,949 | 0 | 7,243,113 | 4,937,843 | 68.2% |
| Baraga Co Memorial Hosp | 0703 | 7,054,093 | 1,791,816 | 12,512,352 | 2,041 | 21,360,302 | 14,374,190 | 67.3% |
| Baraga CRC | 0701 | 2,159,026 | 287,592 | 5,146,109 | 0 | 7,592,727 | 3,783,418 | 49.8% |
| Baraga, Vlg of | 0704 | 558,900 | 227,457 | 3,010,893 | 0 | 3,797,250 | 1,627,294 | 42.9% |
| Baroda Lake Twp Police Dej | 1109 | 277,936 | 3,317 | 121,017 | 0 | 402,270 | 326,343 | 81.1% |
| Barry Co | 0802 | 34,363,182 | 3,962,930 | 33,751,150 | 170,418 | 72,247,680 | 56,772,089 | 78.6% |
| Barry Co CMH Auth | 0804 | 6,048,496 | 658,264 | 2,223,910 | 61,116 | 8,991,786 | 7,604,682 | 84.6% |
| Barry Eaton Dist Hlth Dept | 2303 | 6,793,761 | 2,036,259 | 12,065,567 | 95,374 | 20,990,961 | 15,490,494 | 73.8% |
| Barton Hills, Vlg of | 8107 | 537,202 | 0 | 397,185 | 0 | 934,387 | 707,140 | 75.7% |
| Bates Twp | 3616 | 0 | 0 | 299,265 | 0 | 299,265 | 140,240 | 46.9% |
| Bath Chttr Twp | 1909 | 3,918,177 | 192,869 | 3,496,481 | 66,554 | 7,674,081 | 6,003,215 | 78.2% |
| Battle Creek, City of | 1302 | 44,533,955 | 3,891,390 | 96,012,187 | 167,594 | 144,605,126 | 87,519,819 | 60.5% |
| Bay Area Trans Auth | 2810 | 2,756,677 | 488,497 | 2,700,690 | 100,205 | 6,046,069 | 6,132,447 | 101.4% |
| Bay City HC | 0906 | 3,071,758 | 0 | 5,174,335 | 0 | 8,246,093 | 8,467,558 | 102.7% |
| Bay City, City of | 0901 | 13,515,952 | 1,206,873 | 59,941,380 | 12,331 | 74,676,536 | 53,030,404 | 71.0% |
| Bay Metro Trans Auth | 0907 | 11,121,199 | 407,023 | 6,257,684 | 0 | 17,785,906 | 10,272,463 | 57.8% |
| Beecher Metro Dist Swg&W | 2501 | 1,824,914 | 143,084 | 4,686,243 | 0 | 6,654,241 | 4,675,719 | 70.3% |
| Belding, City of | 3410 | 647,638 | 7,827 | 1,755,890 | 9,654 | 2,421,009 | 1,264,278 | 52.2% |
| Belleville, City of | 8213 | 2,069,240 | 385,688 | 6,087,224 | 1,272 | 8,543,424 | 4,512,926 | 52.8% |
| Benton Harbor, City of | 1120 | 2,568,233 | 255,277 | 24,127,461 | 67,768 | 27,018,739 | 10,682,583 | 39.5% |
| Benzie Co | 1003 | 7,190,020 | 1,467,958 | 9,364,785 | 30,344 | 18,053,107 | 12,118,595 | 67.1% |
| Benzie Co Comm on Aging | 1006 | 166,469 | 276,153 | 737,137 | 0 | 1,179,759 | 766,947 | 65.0% |
| Benzie Co MCF (The Maples) | 1004 | 2,906,775 | 904,703 | 4,915,042 | 83,065 | 8,809,585 | 7,161,292 | 81.3% |
| Benzie CRC | 1001 | 1,302,555 | 660,062 | 5,722,901 | 846 | 7,686,364 | 2,968,338 | 38.6% |
| Benzie Shores Dist Lib | 1005 | 282,350 | 0 | 0 | 0 | 282,350 | 305,147 | 108.1% |
| Benzie Trans Auth | 1007 | 645,128 | 7,607 | 84,727 | 17,936 | 755,398 | 867,547 | 114.8% |
| Benzie/Leelanau Dist Hlth D | 4504 | 739,500 | 0 | 270,330 | 0 | 1,009,830 | 769,951 | 76.2% |
| Berkley, City of | 6304 | 4,040,076 | 523,671 | 16,743,758 | 76,574 | 21,384,079 | 12,294,873 | 57.5% |
| Berrien Springs, Vlg of | 1102 | 564,719 | 38,006 | 1,007,331 | 0 | 1,610,056 | 1,568,831 | 97.4% |
| Bessemer, City of | 2702 | 1,464,214 | 13,307 | 1,096,422 | 2,923 | 2,576,866 | 1,736,085 | 67.4% |
| Beverly Hills, Vlg of | 6321 | 9,188,090 | 576,129 | 15,431,148 | 178 | 25,195,545 | 22,423,053 | 89.0% |
| Big Rapids HC | 5406 | 988,864 | 125,951 | 1,116,317 | 0 | 2,231,132 | 1,787,338 | 80.1% |
| Big Rapids, City of | 5402 | 4,297,687 | 194,693 | 10,813,818 | 0 | 15,306,198 | 9,795,252 | 64.0% |
| Bingham Farms, Vlg of | 6332 | 338,942 | 0 | 0 | 0 | 338,942 | 293,934 | 86.7% |
| Birch Run, Vlg of | 7315 | 1,390,195 | 72,954 | 157,405 | 4,414 | 1,624,968 | 1,460,051 | 89.9% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| Municipality Name | Number | Actuarial Accrued Liability | | | | Total Liability | Actuarial Value of Assets | Percent Funded |
|------------------------------|--------|-----------------------------|-------------------------|-------------------|--------------------------|-----------------|---------------------------|----------------|
| | | Active Liability | Vested Former Liability | Retired Liability | Pending Refund Liability | | | |
| Bishop Intl Arpt Auth | 2507 | 7,106,497 | 137,495 | 3,191,223 | 20,972 | 10,456,187 | 8,181,831 | 78.2% |
| Blackman Chtr Twp | 3806 | 7,102,992 | 226,117 | 4,772,750 | 2,795 | 12,104,654 | 7,058,193 | 58.3% |
| Blissfield, Vlg of | 4606 | 1,882,202 | 277,226 | 2,060,981 | 0 | 4,220,409 | 3,719,486 | 88.1% |
| Bloomfield Hills, City of | 6302 | 7,628,399 | 512,663 | 28,537,896 | 18,271 | 36,697,229 | 31,777,545 | 86.6% |
| Blue Water Area Trans Com | 7709 | 7,310,986 | 107,143 | 2,778,557 | 0 | 10,196,686 | 7,646,442 | 75.0% |
| Boyne City HC | 1508 | 169,269 | 310,618 | 671,226 | 1,466 | 1,152,579 | 706,346 | 61.3% |
| Boyne City, City of | 1506 | 3,350,966 | 194,551 | 5,541,818 | 13,703 | 9,101,038 | 7,006,519 | 77.0% |
| Branch Co | 1205 | 34,689,667 | 2,859,728 | 18,239,864 | 158,196 | 55,947,455 | 42,269,950 | 75.6% |
| Branch-Hillsdale-St Joseph (| 1202 | 5,424,975 | 1,665,798 | 7,564,076 | 48,700 | 14,703,549 | 12,827,184 | 87.2% |
| Brandon Chtr Twp of | 6333 | 3,185,019 | 234,868 | 3,520,236 | 419 | 6,940,542 | 5,491,304 | 79.1% |
| Breckenridge,Vlg of | 2906 | 297,113 | 112,694 | 1,990,154 | 23,540 | 2,423,501 | 983,488 | 40.6% |
| Bridgeport Chtr Twp | 7307 | 3,461,515 | 1,286,207 | 4,374,691 | 11,592 | 9,134,005 | 5,908,870 | 64.7% |
| Bridgman, City of | 1110 | 939,207 | 308,600 | 639,613 | 1,859 | 1,889,279 | 1,398,383 | 74.0% |
| Brighton Area Fire Auth | 4715 | 241,520 | 0 | 226,566 | 0 | 468,086 | 464,915 | 99.3% |
| Brighton, Chtr Twp of | 4711 | 858,203 | 122,345 | 996,103 | 21,358 | 1,998,009 | 1,863,034 | 93.2% |
| Brighton, City of | 4704 | 9,594,018 | 494,057 | 12,729,967 | 1,362 | 22,819,404 | 14,347,180 | 62.9% |
| Britton, Vlg of | 4604 | 276,077 | 15,960 | 0 | 620 | 292,657 | 475,176 | 162.4% |
| Bronson, City of | 1204 | 1,007,742 | 401,139 | 847,757 | 39,577 | 2,296,215 | 1,399,354 | 60.9% |
| Brooklyn, Vlg of | 3801 | 248,598 | 8,842 | 906,140 | 13,620 | 1,177,200 | 810,347 | 68.8% |
| Brownstown, Chtr Twp of | 8247 | 20,144,690 | 473,522 | 7,666,916 | 50,576 | 28,335,704 | 21,056,049 | 74.3% |
| Buchanan Dist Lib | 1108 | 211,394 | 49,648 | 33,765 | 0 | 294,807 | 325,983 | 110.6% |
| Buchanan, City of | 1101 | 3,369,454 | 313,219 | 3,760,367 | 38,629 | 7,481,669 | 7,906,506 | 105.7% |
| Buena Vista Chtr Twp | 7312 | 3,651,731 | 662,859 | 7,966,406 | 60,897 | 12,341,893 | 8,570,420 | 69.4% |
| Burton, City of | 2508 | 12,574,303 | 710,362 | 40,828,179 | 39,966 | 54,152,810 | 23,456,958 | 43.3% |
| Butman Twp CLD | 2604 | 0 | 0 | 80,904 | 0 | 80,904 | 111,650 | 138.0% |
| Cadillac, City of | 8301 | 6,506,247 | 759,018 | 7,747,844 | 0 | 15,013,109 | 12,257,453 | 81.6% |
| Cadillac/Wexford Trans Autf | 8305 | 778,708 | 0 | 1,602,864 | 0 | 2,381,572 | 1,737,194 | 72.9% |
| Calhoun Co | 1311 | 51,340,756 | 3,660,595 | 46,217,480 | 618,171 | 101,837,002 | 63,847,014 | 62.7% |
| Calhoun Co Conso Dispatc | 1316 | 3,341,583 | 236,490 | 2,230,187 | 2,741 | 5,811,001 | 5,997,693 | 103.2% |
| Canton Pub Lib | 8232 | 1,868,142 | 210,362 | 2,412,165 | 0 | 4,490,669 | 4,496,778 | 100.1% |
| Canton, Chtr Twp of | 8233 | 43,291,898 | 906,813 | 80,486,962 | 128,558 | 124,814,231 | 81,949,051 | 65.7% |
| Capac, Vlg of | 7705 | 170,748 | 89,919 | 2,383,785 | 3,250 | 2,647,702 | 674,156 | 25.5% |
| Capital Area Dist Lib | 3317 | 6,920,176 | 283,783 | 2,157,604 | 110,338 | 9,471,901 | 8,332,048 | 88.0% |
| Capital Region Arprt Auth | 3305 | 5,679,184 | 1,324,116 | 10,486,360 | 5,446 | 17,495,106 | 13,425,019 | 76.7% |
| Carleton, Vlg of | 5805 | 690,279 | 0 | 687,323 | 0 | 1,377,602 | 1,001,843 | 72.7% |
| Carrollton Twp | 7320 | 2,732,669 | 118,669 | 1,342,139 | 1,830 | 4,195,307 | 3,192,232 | 76.1% |
| Cascade Chtr Twp | 4110 | 5,251,943 | 500,337 | 4,415,657 | 6,788 | 10,174,725 | 8,113,762 | 79.7% |
| Caseville, City of | 3207 | 1,459,194 | 0 | 1,350,174 | 858 | 2,810,226 | 2,134,538 | 76.0% |
| Caspian, City of | 3608 | 181,776 | 53,504 | 1,092,445 | 0 | 1,327,725 | 654,128 | 49.3% |
| Cass Co | 1402 | 16,461,182 | 672,309 | 14,081,910 | 119,804 | 31,335,205 | 22,836,064 | 72.9% |
| Cass Co MCF | 1403 | 1,975,817 | 460,355 | 3,374,230 | 186,380 | 5,996,782 | 5,730,084 | 95.6% |
| Cass Dist Lib | 1404 | 690,834 | 128,532 | 167,101 | 11,486 | 997,953 | 930,132 | 93.2% |
| Cedar Springs, City of | 4105 | 1,046,455 | 408,118 | 1,925,281 | 14,626 | 3,394,480 | 2,802,412 | 82.6% |
| Center Line, City of | 5001 | 1,358,863 | 207,175 | 6,777,129 | 43,419 | 8,386,586 | 4,168,953 | 49.7% |
| Central Lake, Vlg of | 0504 | 203,779 | 3,901 | 0 | 0 | 207,680 | 201,593 | 97.1% |
| Central Mch Dist Hlth Dept | 3705 | 6,965,115 | 1,844,532 | 13,158,955 | 60,403 | 22,029,005 | 14,992,710 | 68.1% |
| Charlevoix Co | 1503 | 25,618,874 | 2,828,236 | 24,874,348 | 18,532 | 53,339,990 | 40,374,904 | 75.7% |
| Charlevoix CRC | 1501 | 3,367,948 | 501,346 | 4,509,637 | 0 | 8,378,931 | 5,776,896 | 68.9% |
| Charlevoix, City of | 1505 | 4,220,424 | 164,366 | 9,266,660 | 4,694 | 13,656,144 | 8,901,979 | 65.2% |
| Charlotte Dist Lib | 2309 | 392,631 | 4,531 | 389,245 | 0 | 786,407 | 410,815 | 52.2% |
| Charlotte, City of | 2301 | 6,559,049 | 1,773,680 | 13,935,817 | 30,578 | 22,299,124 | 13,187,412 | 59.1% |
| Cheboygan Co | 1603 | 12,792,523 | 889,506 | 14,949,872 | 112,857 | 28,744,758 | 21,001,279 | 73.1% |
| Cheboygan CRC | 1601 | 5,199,253 | 683,791 | 15,024,038 | 1,701 | 20,908,783 | 9,556,287 | 45.7% |
| Cheboygan, City of | 1602 | 4,411,134 | 69,424 | 6,197,175 | 7,306 | 10,685,039 | 6,857,101 | 64.2% |
| Chelsea Area Fire Auth | 8118 | 475,362 | 53,343 | 215,960 | 10,107 | 754,772 | 770,862 | 102.1% |
| Chelsea, City of | 8103 | 1,471,345 | 555,487 | 10,992,536 | 0 | 13,019,368 | 9,621,448 | 73.9% |
| Chesaning, Vlg of | 7313 | 510,876 | 116,641 | 2,756,801 | 0 | 3,384,318 | 655,341 | 19.4% |
| Chesterfield Twp | 5009 | 20,688,367 | 665,872 | 16,982,795 | 42,620 | 38,379,654 | 29,029,561 | 75.6% |
| Chesterfield Twp Lib | 5010 | 260,757 | 232,334 | 744,780 | 12,101 | 1,249,972 | 1,522,350 | 121.8% |
| Chikaming Twp | 1112 | 889,932 | 190,113 | 1,334,380 | 28,624 | 2,443,049 | 1,695,204 | 69.4% |
| Chippewa Co | 1703 | 18,485,851 | 1,737,020 | 26,451,118 | 123,051 | 46,797,040 | 32,491,180 | 69.4% |
| Chippewa CRC | 1704 | 6,918,036 | 281,398 | 12,522,278 | 0 | 19,721,712 | 10,165,078 | 51.5% |
| Chippewa River Dist Lib | 3707 | 1,378,058 | 243,881 | 1,396,074 | 22,872 | 3,040,885 | 2,654,767 | 87.3% |
| Chocolay, Chtr Twp of | 5218 | 873,717 | 476,101 | 223,898 | 21,694 | 1,595,410 | 1,625,806 | 101.9% |
| Clare Co | 1802 | 10,444,106 | 1,915,423 | 10,855,389 | 108,187 | 23,323,105 | 16,710,717 | 71.6% |
| Clare Co Trans Auth | 1806 | 168,704 | 9,718 | 89,270 | 0 | 267,692 | 187,641 | 70.1% |
| Clare CRC | 1801 | 3,802,704 | 309,344 | 7,927,335 | 14,846 | 12,054,229 | 8,189,112 | 67.9% |
| Clare, City of | 1804 | 2,598,315 | 426,508 | 5,821,173 | 24,207 | 8,870,203 | 5,529,353 | 62.3% |
| Clawson, City of | 6305 | 5,381,268 | 236,292 | 19,324,141 | 7,009 | 24,948,710 | 10,745,043 | 43.1% |
| Clay Twp | 7706 | 4,276,630 | 375,978 | 5,087,876 | 47,492 | 9,787,976 | 6,309,444 | 64.5% |
| Clearwater Twp | 4005 | 19,768 | 0 | 109,508 | 0 | 129,276 | 103,544 | 80.1% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|------------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Clinton Co | 1903 | 27,308,493 | 3,920,860 | 26,354,643 | 4,172 | 57,588,168 | 54,774,737 | 95.1% |
| Clinton CRC | 1901 | 7,478,321 | 187,235 | 14,495,851 | 21,827 | 22,183,234 | 13,836,070 | 62.4% |
| Clinton Twp | 5002 | 24,954,736 | 1,625,274 | 47,739,444 | 150,506 | 74,469,960 | 45,738,069 | 61.4% |
| Clinton, Vlg of | 4602 | 2,676,319 | 110,012 | 2,848,794 | 0 | 5,635,125 | 5,513,496 | 97.8% |
| Clinton-Eaton-Ingham CMH | 3308 | 77,619,341 | 9,372,371 | 90,177,751 | 858,810 | 178,028,273 | 133,489,920 | 75.0% |
| Clio, City of | 2523 | 649,352 | 200,670 | 932,437 | 4,566 | 1,787,025 | 1,383,294 | 77.4% |
| CMH for Central Mich | 3708 | 32,080,743 | 4,581,378 | 39,476,011 | 24,604 | 76,162,736 | 62,804,872 | 82.5% |
| Coldwater Brd of Pub Util | 1203 | 4,188,960 | 754,109 | 7,557,802 | 0 | 12,500,871 | 7,465,258 | 59.7% |
| Coldwater, City of | 1201 | 5,422,581 | 333,645 | 10,849,004 | 15,681 | 16,620,911 | 12,638,973 | 76.0% |
| Coleman, City of | 5603 | 1,060,567 | 0 | 1,793,324 | 0 | 2,853,891 | 1,897,631 | 66.5% |
| Coloma Chtr Twp | 1107 | 968,592 | 175,344 | 1,243,510 | 10,284 | 2,397,730 | 1,528,803 | 63.8% |
| Coloma, City of | 1118 | 953,057 | 0 | 0 | 0 | 953,057 | 832,834 | 87.4% |
| Columbiaville, Vlg of | 4406 | 408,735 | 0 | 104,873 | 0 | 513,608 | 392,680 | 76.5% |
| Constantine, Vlg of | 7806 | 51,588 | 10,452 | 0 | 11,542 | 73,582 | 100,677 | 136.8% |
| Coopersville Area Dist Lib | 7011 | 155,850 | 79,991 | 263,022 | 3,166 | 502,029 | 244,421 | 48.7% |
| Coopersville, City of | 7005 | 927,457 | 354,185 | 1,616,070 | 258 | 2,897,970 | 2,304,672 | 79.5% |
| Corunna City of | 7604 | 1,669,987 | 217,472 | 4,077,894 | 0 | 5,965,353 | 3,779,188 | 63.4% |
| Corwith Twp | 6904 | 129,602 | 0 | 0 | 0 | 129,602 | 126,549 | 97.6% |
| Covert Twp | 8010 | 915,202 | 65,766 | 728,613 | 18,237 | 1,727,818 | 1,286,216 | 74.4% |
| Crawford Co | 2001 | 9,084,319 | 767,521 | 10,925,745 | 2,824 | 20,780,409 | 21,721,634 | 104.5% |
| Crawford Co Trans Auth | 2004 | 1,904,315 | 465,174 | 3,419,705 | 1,180 | 5,790,374 | 4,331,899 | 74.8% |
| Crawford CRC | 2002 | 3,549,828 | 0 | 5,984,510 | 0 | 9,534,338 | 3,623,729 | 38.0% |
| Croswell, City of | 7401 | 3,985,511 | 229,971 | 6,307,074 | 271 | 10,522,827 | 5,756,038 | 54.7% |
| Crystal Falls Cmnty Hosp Cl | 3618 | 0 | 571,699 | 3,089,261 | 0 | 3,660,960 | 3,722,824 | 101.7% |
| Crystal Falls, City of | 3603 | 2,248,864 | 784,870 | 6,422,747 | 0 | 9,456,481 | 5,603,195 | 59.3% |
| Ctrl Dispatch of Muskegon C | 6109 | 2,689,859 | 279,500 | 3,404,925 | 89,609 | 6,463,893 | 5,544,446 | 85.8% |
| Ctrl Wayne Co Sanitation Au | 8214 | 0 | 117,713 | 2,201,159 | 0 | 2,318,872 | 1,856,264 | 80.1% |
| Davison Richfield Sr CCA | 2525 | 62,745 | 0 | 243,248 | 0 | 305,993 | 170,790 | 55.8% |
| Davison Twp | 2519 | 9,779,078 | 214,373 | 4,688,026 | 17,619 | 14,699,096 | 10,966,229 | 74.6% |
| Davison, City of | 2516 | 3,074,562 | 106,272 | 9,345,631 | 2,802 | 12,529,267 | 6,532,528 | 52.1% |
| Dearborn, City of | 8251 | 10,801,116 | 3,643 | 0 | 58,726 | 10,863,485 | 11,616,659 | 106.9% |
| Deerfield, Vlg of | 4603 | 184,876 | 392,911 | 1,019,820 | 0 | 1,597,607 | 1,128,817 | 70.7% |
| Delta Area Transit Auth | 2107 | 45,978 | 0 | 0 | 0 | 45,978 | 40,232 | 87.5% |
| Delta Chtr Twp | 2306 | 4,981,494 | 907,726 | 8,634,901 | 54,919 | 14,579,040 | 11,779,374 | 80.8% |
| Delta Co | 2102 | 10,834,285 | 1,650,845 | 25,998,714 | 959 | 38,484,803 | 27,455,588 | 71.3% |
| Delta CRC | 2105 | 3,678,419 | 152,597 | 8,557,182 | 0 | 12,388,198 | 6,727,821 | 54.3% |
| Delta-Menominee Dist Hlth C | 2103 | 3,694,621 | 1,091,357 | 5,563,316 | 13,530 | 10,362,824 | 9,509,636 | 91.8% |
| Detour, Vlg of | 1706 | 179,958 | 61,676 | 253,341 | 0 | 494,975 | 197,215 | 39.8% |
| Detroit HC | 8241 | 10,898,616 | 2,292,841 | 3,715,905 | 50,356 | 16,957,718 | 17,073,383 | 100.7% |
| DeWitt Chtr Twp | 1910 | 2,422,034 | 399,607 | 2,966,978 | 16,103 | 5,804,722 | 4,213,937 | 72.6% |
| DeWitt, City of | 1908 | 1,516,075 | 392,201 | 3,361,279 | 1,320 | 5,270,875 | 2,670,946 | 50.7% |
| Dexter Area Fire Dept | 8219 | 1,036,418 | 167,662 | 425,764 | 0 | 1,629,844 | 942,158 | 57.8% |
| Dexter Twp | 8111 | 372,203 | 74,472 | 420,689 | 20,211 | 887,575 | 713,985 | 80.4% |
| Dexter, City of | 8217 | 1,776,376 | 50,604 | 2,144,298 | 3,132 | 3,974,410 | 3,253,800 | 81.9% |
| Dickinson Co | 2206 | 11,362,568 | 1,506,574 | 22,184,021 | 154,643 | 35,207,806 | 21,010,032 | 59.7% |
| Dickinson CRC | 2203 | 2,578,324 | 450,479 | 7,701,330 | 0 | 10,730,133 | 5,213,552 | 48.6% |
| Dickinson-Iron Dist Hlth Dep | 3605 | 3,083,653 | 1,173,489 | 5,421,085 | 9,280 | 9,687,507 | 6,259,443 | 64.6% |
| Dimondale, Vlg of | 2304 | 548,497 | 32,475 | 344,395 | 0 | 925,367 | 747,921 | 80.8% |
| Dist Hlth Dept # 2 | 6501 | 1,687,419 | 810,494 | 5,270,335 | 20,740 | 7,788,988 | 5,871,613 | 75.4% |
| Dist Hlth Dept # 4 | 7103 | 4,341,290 | 838,492 | 15,133,434 | 9,382 | 20,322,598 | 12,848,701 | 63.2% |
| Dist Hlth Dept #10 | 5104 | 4,796,195 | 761,065 | 23,704,557 | 3,177 | 29,264,994 | 17,811,995 | 60.9% |
| Douglas, City of Vlg of | 0303 | 1,997,544 | 250,568 | 1,398,201 | 0 | 3,646,313 | 3,053,936 | 83.8% |
| Dowagiac Dist Lib | 1406 | 71,309 | 0 | 28,219 | 0 | 99,528 | 102,093 | 102.6% |
| Dowagiac HC | 1405 | 163,283 | 22,059 | 31,849 | 0 | 217,191 | 259,017 | 119.3% |
| Dowagiac, City of | 1401 | 7,786,807 | 849,224 | 12,177,983 | 12,512 | 20,826,526 | 10,638,526 | 51.1% |
| Drummond Island Twp | 1708 | 184,822 | 28,380 | 0 | 0 | 213,202 | 178,300 | 83.6% |
| Dryden, Vlg of | 4405 | 30,942 | 108,429 | 285,766 | 0 | 425,137 | 293,238 | 69.0% |
| Dundee, Vlg of | 5803 | 779,615 | 393,864 | 2,875,622 | 34,906 | 4,084,007 | 2,522,566 | 61.8% |
| Durand, City of | 7603 | 1,706,444 | 421,444 | 4,151,513 | 0 | 6,279,401 | 4,209,153 | 67.0% |
| E UP Reg Planning & Dev C | 1709 | 235,858 | 0 | 0 | 0 | 235,858 | 328,628 | 139.3% |
| E UP Trans Auth | 1705 | 2,247,618 | 130,630 | 9,331,410 | 0 | 11,709,658 | 5,419,223 | 46.3% |
| East China Chtr Twp | 7701 | 1,927,961 | 29,676 | 6,821,768 | 4,820 | 8,784,225 | 5,520,538 | 62.8% |
| East Grand Rapids, City of | 4101 | 2,956,183 | 287,501 | 15,492,624 | 2,956 | 18,739,264 | 9,409,075 | 50.2% |
| East Jordan, City of | 1504 | 1,679,337 | 278,177 | 3,081,482 | 11,533 | 5,050,529 | 3,470,689 | 68.7% |
| East Lansing, City of | 3301 | 44,383,776 | 3,865,705 | 138,830,064 | 36,054 | 187,115,599 | 99,444,497 | 53.1% |
| Eastpointe HC | 5011 | 930,148 | 0 | 188,610 | 5,201 | 1,123,959 | 912,981 | 81.2% |
| Eastpointe, City of | 5019 | 22,063,758 | 1,051,112 | 62,668,139 | 0 | 85,783,009 | 43,292,464 | 50.5% |
| Eaton Co | 2302 | 56,025,638 | 5,462,085 | 95,256,517 | 339,915 | 157,084,155 | 90,981,886 | 57.9% |
| Eaton Co Hlth & Rehab Svc: | 2305 | 7,148,852 | 482,767 | 3,618,368 | 382,848 | 11,632,835 | 10,329,828 | 88.8% |
| Eaton Rapids, City of | 2307 | 4,016,972 | 716,017 | 10,165,740 | 11,316 | 14,910,045 | 9,196,375 | 61.7% |
| Eau Claire, Vlg of | 1104 | 119,485 | 0 | 424,492 | 1,864 | 545,841 | 197,048 | 36.1% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|-------------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Ecorse, City of | 8206 | 4,755,408 | 1,170,124 | 36,612,877 | 3,303 | 42,541,712 | 17,079,288 | 40.1% |
| Elk Rapids, Vlg of | 0506 | 1,048,437 | 150,619 | 1,219,207 | 33,219 | 2,451,482 | 1,860,436 | 75.9% |
| Elkton, Vlg of | 3206 | 239,590 | 45,520 | 326,036 | 0 | 611,146 | 566,498 | 92.7% |
| Elsie, Vlg of CLD | 1906 | 0 | 0 | 132,579 | 1,192 | 133,771 | 194,647 | 145.5% |
| Emmet CRC | 2401 | 4,073,754 | 94,955 | 10,175,689 | 0 | 14,344,398 | 9,663,415 | 67.4% |
| Emmett, Chtr Twp | 1310 | 2,922,756 | 454,390 | 1,982,358 | 2,115 | 5,361,619 | 4,171,449 | 77.8% |
| Erie, Twp of | 5812 | 79,604 | 0 | 0 | 16,593 | 96,197 | 107,767 | 112.0% |
| Escanaba, City of | 2101 | 10,687,404 | 412,910 | 25,583,044 | 0 | 36,683,358 | 21,194,811 | 57.8% |
| Essexville, City of | 0903 | 1,805,707 | 348,748 | 4,811,754 | 16,336 | 6,982,545 | 4,846,615 | 69.4% |
| Ewart Local Dev Finance Aut | 6706 | 78,078 | 0 | 447,349 | 0 | 525,427 | 255,129 | 48.6% |
| Ewart, City of | 6705 | 591,945 | 311,305 | 1,227,294 | 1,941 | 2,132,485 | 1,670,820 | 78.4% |
| Farmington Cmnty Lib | 6319 | 2,757,992 | 88,741 | 6,191,574 | 1,510 | 9,039,817 | 9,113,088 | 100.8% |
| Farmington, City of | 6343 | 7,701,556 | 328,882 | 17,477,846 | 292 | 25,508,576 | 20,816,465 | 81.6% |
| Farwell, Vlg of | 1805 | 41,398 | 105,342 | 390,148 | 13,935 | 550,823 | 385,739 | 70.0% |
| Fenton, City of | 2505 | 6,271,691 | 307,181 | 10,648,039 | 12,642 | 17,239,553 | 10,866,488 | 63.0% |
| Ferndale HC | 6345 | 418,905 | 349,320 | 168,636 | 3,117 | 939,978 | 609,596 | 64.9% |
| Ferrysburg, City of | 7106 | 1,011,705 | 36,369 | 1,119,988 | 0 | 2,168,062 | 1,596,458 | 73.6% |
| Flat Rock, City of | 8212 | 8,252,938 | 556,679 | 16,682,900 | 82,809 | 25,575,326 | 12,420,010 | 48.6% |
| Flint Pub Lib | 2518 | 1,067,548 | 253,389 | 187,987 | 0 | 1,508,924 | 1,736,559 | 115.1% |
| Flint, Chtr Twp of | 2512 | 9,019,663 | 567,750 | 22,431,473 | 95,659 | 32,114,545 | 20,426,074 | 63.6% |
| Flint, City of | 2530 | 55,188,790 | 12,697,692 | 492,303,947 | 318,343 | 560,508,772 | 218,757,448 | 39.0% |
| Flushing, Chtr Twp of | 2515 | 2,478,661 | 73,185 | 3,209,793 | 0 | 5,761,639 | 3,729,028 | 64.7% |
| Flushing, City of | 2502 | 5,753,585 | 562,509 | 14,044,939 | 17,705 | 20,378,738 | 10,228,614 | 50.2% |
| Forsyth Twp | 5212 | 1,681,542 | 501,634 | 4,897,741 | 0 | 7,080,917 | 3,898,795 | 55.1% |
| Fowler, Vlg of | 1904 | 273,932 | 30,996 | 106,725 | 0 | 411,653 | 311,875 | 75.8% |
| Fowlerville Dist Lib | 4710 | 508,457 | 0 | 0 | 1,160 | 509,617 | 466,980 | 91.6% |
| Fowlerville, Vlg of | 4705 | 684,591 | 122,197 | 3,023,022 | 23,190 | 3,853,000 | 3,206,115 | 83.2% |
| Frankenmuth Wickson Dist l | 7323 | 186,008 | 0 | 0 | 0 | 186,008 | 144,269 | 77.6% |
| Frankenmuth, City of | 7306 | 5,372,547 | 210,470 | 9,527,162 | 1,170 | 15,111,349 | 10,833,553 | 71.7% |
| Frankfort, City of | 1002 | 1,257,714 | 102,501 | 2,231,523 | 551 | 3,592,289 | 1,876,577 | 52.2% |
| Franklin, Vlg of | 6323 | 1,863,578 | 5,919 | 5,678,590 | 26,355 | 7,574,442 | 4,289,709 | 56.6% |
| Fraser, City of | 5003 | 21,689,901 | 1,348,952 | 36,203,131 | 15,695 | 59,257,679 | 30,957,111 | 52.2% |
| Fremont Area Dist Lib | 6209 | 617,250 | 134,277 | 482,312 | 0 | 1,233,839 | 874,291 | 70.9% |
| Fremont, City of | 6203 | 4,839,586 | 773,461 | 7,251,119 | 0 | 12,864,166 | 7,671,654 | 59.6% |
| Gaastra, City of | 3617 | 163,490 | 0 | 155,466 | 0 | 318,956 | 198,314 | 62.2% |
| Garden City, City of | 8255 | 25,352,533 | 449,138 | 64,320,661 | 38,560 | 90,160,892 | 59,450,705 | 65.9% |
| Gaylord, City of | 6903 | 5,010,793 | 71,400 | 9,158,241 | 744 | 14,241,178 | 8,566,538 | 60.2% |
| Genesee Chtr Twp | 2510 | 5,140,390 | 711,087 | 12,306,185 | 1,891 | 18,159,553 | 9,046,941 | 49.8% |
| Genoa Twp | 4713 | 395,736 | 0 | 0 | 0 | 395,736 | 319,336 | 80.7% |
| Gerald R Ford Intl Airport Au | 4116 | 12,388,665 | 522,383 | 1,161,721 | 414 | 14,073,183 | 22,127,436 | 157.2% |
| Gladstone, City of | 2106 | 5,007,718 | 95,475 | 8,391,688 | 0 | 13,494,881 | 6,479,445 | 48.0% |
| Gladwin City HC | 2608 | 758,767 | 196,535 | 2,927,298 | 10,734 | 3,893,334 | 2,949,448 | 75.8% |
| Gladwin Co | 2602 | 9,316,395 | 1,280,659 | 12,381,507 | 104,461 | 23,083,022 | 15,896,315 | 68.9% |
| Gladwin Co Dist Lib | 2607 | 483,023 | 0 | 566,510 | 2,484 | 1,052,017 | 933,970 | 88.8% |
| Gladwin CRC | 2601 | 5,525,495 | 504,323 | 10,356,544 | 13,424 | 16,399,786 | 8,939,829 | 54.5% |
| Gladwin, City of | 2605 | 1,425,482 | 0 | 217,408 | 0 | 1,642,890 | 1,442,786 | 87.8% |
| Gogebic-Iron WWTR Auth | 2703 | 2,085,421 | 0 | 1,047,123 | 0 | 3,132,544 | 2,216,023 | 70.7% |
| Grand Beach, Vlg of | 1117 | 353,322 | 0 | 0 | 0 | 353,322 | 353,202 | 100.0% |
| Grand Blanc Chtr Twp | 2511 | 10,068,645 | 118,579 | 11,517,009 | 11,943 | 21,716,176 | 13,645,312 | 62.8% |
| Grand Blanc, City of | 2513 | 5,107,521 | 117,012 | 9,302,786 | 7,208 | 14,534,527 | 14,690,100 | 101.1% |
| Grand Haven, City of | 7010 | 39,523,637 | 3,384,111 | 61,058,164 | 106,400 | 104,072,312 | 78,819,696 | 75.7% |
| Grand Ledge Area Dist. Libr | 2316 | 20,129 | 0 | 0 | 0 | 20,129 | 19,165 | 95.2% |
| Grand Ledge Area ESA | 2310 | 1,026,181 | 71,940 | 519,873 | 0 | 1,617,994 | 1,449,105 | 89.6% |
| Grand Ledge, City of | 2312 | 769,174 | 482,341 | 2,061,489 | 0 | 3,313,004 | 2,001,608 | 60.4% |
| Grand Rapids HC | 4108 | 622,745 | 0 | 1,713,363 | 0 | 2,336,108 | 1,571,231 | 67.3% |
| Grand Traverse Co | 2803 | 16,120,066 | 2,936,628 | 78,316,137 | 1,535 | 97,374,366 | 43,552,384 | 44.7% |
| Grand Traverse CRC | 2802 | 393,608 | 223,447 | 8,790,945 | 0 | 9,408,000 | 7,098,480 | 75.5% |
| Grand Traverse Pavilions | 2809 | 19,504,057 | 3,673,104 | 14,065,163 | 267,608 | 37,509,932 | 29,113,160 | 77.6% |
| Grandville, City of | 4102 | 4,280,045 | 773,173 | 15,072,085 | 0 | 20,125,303 | 11,745,834 | 58.4% |
| Gratiot Co | 2905 | 12,273,523 | 1,217,832 | 16,511,968 | 0 | 30,003,323 | 24,090,008 | 80.3% |
| Gratiot CRC | 2903 | 5,623,918 | 33,454 | 12,512,781 | 0 | 18,170,153 | 11,011,367 | 60.6% |
| Grayling, City of | 2003 | 769,373 | 174,332 | 3,153,574 | 0 | 4,097,279 | 2,452,470 | 59.9% |
| Green Oak Chtr Twp | 4708 | 4,992,213 | 160,174 | 3,135,984 | 1,764 | 8,290,135 | 5,187,655 | 62.6% |
| Greenville, City of | 5906 | 2,315,808 | 164,949 | 3,907,554 | 47,217 | 6,435,528 | 4,751,534 | 73.8% |
| Grosse Ile Twp | 8207 | 14,882,056 | 1,603,251 | 17,297,931 | 0 | 33,783,238 | 20,571,003 | 60.9% |
| Grosse Pointe Park, City of | 8201 | 17,249,310 | 595,957 | 28,138,891 | 72,415 | 46,056,573 | 25,906,096 | 56.2% |
| Grosse Pointe-Clinton Ref C | 5004 | 0 | 0 | 2,138,617 | 40,846 | 2,179,463 | 2,596,207 | 119.1% |
| Groveland Twp | 6335 | 1,217,425 | 156,919 | 419,655 | 0 | 1,793,999 | 1,898,415 | 105.8% |
| Hackley Pub Lib | 6114 | 323,369 | 0 | 0 | 0 | 323,369 | 240,310 | 74.3% |
| Hamburg Twp | 4709 | 2,008,181 | 316,567 | 2,626,681 | 8,819 | 4,960,248 | 3,429,544 | 69.1% |
| Hamtramck HC | 8250 | 2,205,425 | 391,110 | 348,430 | 12,381 | 2,957,346 | 2,060,683 | 69.7% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|------------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Hamtramck, City of | 8205 | 9,568,661 | 2,090,306 | 86,272,083 | 500,935 | 98,431,985 | 45,859,762 | 46.6% |
| Hancock, City of | 3107 | 1,497,941 | 0 | 2,623,802 | 9,246 | 4,130,989 | 2,689,593 | 65.1% |
| Harbor Beach, City of | 3201 | 3,407,694 | 82,635 | 4,699,061 | 8,040 | 8,197,430 | 6,003,379 | 73.2% |
| Harbor Springs Area Swg Au | 2406 | 777,033 | 0 | 259,606 | 0 | 1,036,639 | 910,556 | 87.8% |
| Harbor Springs, City of | 2405 | 3,598,321 | 0 | 2,581,671 | 30,498 | 6,210,490 | 3,967,504 | 63.9% |
| Harper Woods, City of | 8260 | 9,124,600 | 530,859 | 41,584,537 | 58,926 | 51,298,922 | 24,273,442 | 47.3% |
| Harrison Dist Lib | 1807 | 126,274 | 0 | 131,756 | 0 | 258,030 | 169,627 | 65.7% |
| Harrison, City of | 1803 | 1,560,329 | 97,600 | 1,777,793 | 0 | 3,435,722 | 2,420,482 | 70.5% |
| Hartland Deerfield Fire Auth | 4716 | 750,435 | 0 | 0 | 0 | 750,435 | 687,978 | 91.7% |
| Hastings, City of | 0801 | 4,640,171 | 650,208 | 11,049,052 | 3,782 | 16,343,213 | 8,597,562 | 52.6% |
| Hazel Park, City of | 6336 | 19,326,357 | 995,626 | 47,870,932 | 102,970 | 68,295,885 | 34,775,276 | 50.9% |
| Helen Newberry Joy Hosp | 4805 | 5,950,313 | 553,290 | 11,362,511 | 47,621 | 17,913,735 | 12,235,045 | 68.3% |
| Henika Dist Lib | 0310 | 115,582 | 0 | 316,372 | 0 | 431,954 | 464,563 | 107.5% |
| Herrick Dist Lib | 7012 | 2,990,503 | 152,433 | 5,476,243 | 41 | 8,619,220 | 6,809,032 | 79.0% |
| Hesperia, Vlg of | 6214 | 0 | 33,530 | 0 | 1,467 | 34,997 | 67,781 | 193.7% |
| Hiawatha Bhvrl Hlth | 1707 | 4,349,779 | 2,084,556 | 12,626,737 | 41,595 | 19,102,667 | 14,645,604 | 76.7% |
| Hillsdale Co | 3005 | 3,648,505 | 173,134 | 4,342,499 | 276 | 8,164,414 | 4,929,478 | 60.4% |
| Hillsdale CRC | 3004 | 4,597,270 | 62,100 | 6,789,299 | 4,856 | 11,453,525 | 7,078,238 | 61.8% |
| Hillsdale HC | 3007 | 100,561 | 0 | 97,654 | 0 | 198,215 | 222,632 | 112.3% |
| Hillsdale, City of | 3001 | 7,873,154 | 1,458,415 | 14,181,827 | 85,946 | 23,599,342 | 19,682,035 | 83.4% |
| Hlth Source of Saginaw | 7311 | 15,014,767 | 4,087,719 | 26,145,963 | 10,397 | 45,258,846 | 34,224,249 | 75.6% |
| Holland Area Cmnty Pool Au | 7014 | 601,151 | 96,155 | 301,580 | 64,943 | 1,063,829 | 1,076,890 | 101.2% |
| Holland Cmnty Hosp CLD | 7006 | 0 | 57,594 | 1,440,343 | 0 | 1,497,937 | 1,751,133 | 116.9% |
| Holland, City of | 7001 | 48,061,840 | 4,899,769 | 81,494,578 | 7,507 | 134,463,694 | 112,356,798 | 83.6% |
| Holly, Vlg of | 6317 | 3,028,271 | 383,789 | 10,877,025 | 3,425 | 14,292,510 | 7,387,659 | 51.7% |
| Homer, Vlg of | 1304 | 561,108 | 235,290 | 867,319 | 0 | 1,663,717 | 1,397,741 | 84.0% |
| Houghton Co | 3102 | 11,418,721 | 973,621 | 16,229,294 | 41,269 | 28,662,905 | 18,077,231 | 63.1% |
| Houghton CRC | 3103 | 2,104,481 | 0 | 2,354,305 | 0 | 4,458,786 | 2,905,504 | 65.2% |
| Houghton Lake Pub Lib | 7203 | 431,160 | 0 | 350,878 | 0 | 782,038 | 782,959 | 100.1% |
| Houghton, City of | 3109 | 2,750,892 | 570,357 | 1,125,819 | 0 | 4,447,068 | 3,792,019 | 85.3% |
| Howard City, Vlg of | 5902 | 299,988 | 162,254 | 391,679 | 0 | 853,921 | 687,404 | 80.5% |
| Howard Twp | 1106 | 89,276 | 13,095 | 47,225 | 0 | 149,596 | 120,335 | 80.4% |
| Howell Area Fire Auth | 4714 | 597,819 | 0 | 795,007 | 0 | 1,392,826 | 1,350,774 | 97.0% |
| Howell, City of | 4702 | 10,481,169 | 1,588,208 | 12,875,937 | 60,269 | 25,005,583 | 14,716,116 | 58.9% |
| Howell-Carnegie Dist Lib | 4707 | 1,382,829 | 10,416 | 146,958 | 0 | 1,540,203 | 1,473,050 | 95.6% |
| Hudsonville, City of | 7004 | 371,485 | 549,888 | 1,399,947 | 1,522 | 2,322,842 | 1,634,585 | 70.4% |
| Huntington Woods, City of | 6303 | 7,706,354 | 97,190 | 16,859,802 | 19,084 | 24,682,430 | 14,791,894 | 59.9% |
| Hurley Med Ctr | 2521 | 181,865,458 | 29,864,330 | 379,115,446 | 1,830,163 | 592,675,397 | 435,096,080 | 73.4% |
| Huron Behavioral Health | 3215 | 7,563,045 | 2,501,105 | 7,819,170 | 232,788 | 18,116,108 | 16,565,652 | 91.4% |
| Huron Chtr Twp | 8224 | 10,199,317 | 1,088,981 | 11,161,955 | 17,882 | 22,468,135 | 15,444,796 | 68.7% |
| Huron Co | 3204 | 31,408,382 | 2,591,467 | 51,390,768 | 396,802 | 85,787,419 | 60,086,676 | 70.0% |
| Huron CRC | 3202 | 11,450,747 | 341,538 | 15,745,046 | 9,743 | 27,547,074 | 19,172,351 | 69.6% |
| Imlay City, City of | 4404 | 2,159,323 | 228,970 | 5,763,495 | 17 | 8,151,805 | 5,282,557 | 64.8% |
| Independence Twp | 6328 | 6,793,388 | 106,868 | 5,745,302 | 5,520 | 12,651,078 | 8,881,081 | 70.2% |
| Indianfields Twp CLD | 7905 | 0 | 56,583 | 225,812 | 0 | 282,395 | 311,435 | 110.3% |
| Ingham Co | 3303 | 170,123,345 | 16,647,654 | 270,055,780 | 1,620,305 | 458,447,084 | 303,682,816 | 66.2% |
| Interurban Trans Auth | 0308 | 504,228 | 0 | 895,054 | 0 | 1,399,282 | 1,215,705 | 86.9% |
| Ionia Cmnty Lib | 3412 | 163,777 | 61,595 | 449,585 | 0 | 674,957 | 454,569 | 67.3% |
| Ionia Co | 3408 | 6,024,651 | 675,759 | 3,384,398 | 53,846 | 10,138,654 | 8,433,732 | 83.2% |
| Ionia CRC | 3404 | 5,858,637 | 399,270 | 11,737,662 | 0 | 17,995,569 | 7,133,855 | 39.6% |
| Ionia HC | 3406 | 384,617 | 0 | 875,781 | 0 | 1,260,398 | 947,173 | 75.1% |
| Ionia, City of | 3403 | 8,565,524 | 718,283 | 12,922,672 | 8,031 | 22,214,510 | 10,694,856 | 48.1% |
| Iosco Co | 3501 | 11,523,037 | 1,706,537 | 14,687,381 | 29,236 | 27,946,191 | 21,194,161 | 75.8% |
| Iosco CRC | 3502 | 4,254,190 | 225,551 | 7,117,240 | 0 | 11,596,981 | 8,463,270 | 73.0% |
| Iron Co | 3606 | 22,108,659 | 1,764,830 | 16,826,297 | 242,147 | 40,941,933 | 31,085,231 | 75.9% |
| Iron Co HC | 3611 | 923,649 | 26,063 | 82,978 | 0 | 1,032,690 | 672,578 | 65.1% |
| Iron CRC | 3602 | 2,669,213 | 268,406 | 9,845,187 | 0 | 12,782,806 | 5,216,044 | 40.8% |
| Iron Mountain, City of | 2201 | 2,282,086 | 197,755 | 10,265,069 | 16,670 | 12,761,580 | 5,121,367 | 40.1% |
| Iron Mountain-Kingsford Swc | 2205 | 1,032,401 | 32,406 | 335,438 | 476 | 1,400,721 | 907,132 | 64.8% |
| Iron River, City of | 3601 | 1,816,532 | 535,206 | 7,681,447 | 0 | 10,033,185 | 5,935,106 | 59.2% |
| Ironwood, City of | 2706 | 5,716,852 | 253,992 | 14,123,120 | 18,382 | 20,112,346 | 10,169,476 | 50.6% |
| Isabella Co | 3703 | 27,008,323 | 4,265,149 | 29,309,750 | 52,378 | 60,635,600 | 47,219,756 | 77.9% |
| Isabella Co Trans Comm | 3709 | 1,094,770 | 0 | 1,540,370 | 2,846 | 2,637,986 | 2,211,972 | 83.9% |
| Isabella CRC | 3702 | 5,013,805 | 909,249 | 7,613,758 | 20,263 | 13,557,075 | 9,490,422 | 70.0% |
| Ishpeming Area Joint Wwtr T | 5207 | 1,029,400 | 65,122 | 634,667 | 0 | 1,729,189 | 1,646,682 | 95.2% |
| Ishpeming Twp | 5216 | 569,131 | 74,928 | 1,143,029 | 1,395 | 1,788,483 | 1,623,420 | 90.8% |
| Ishpeming, City of | 5204 | 3,966,873 | 323,071 | 11,973,105 | 73,032 | 16,336,081 | 8,450,672 | 51.7% |
| Ithaca, City of | 2904 | 683,638 | 189,545 | 3,806,278 | 0 | 4,679,461 | 2,714,096 | 58.0% |
| Jackson Dist Lib | 3802 | 3,633,146 | 718,561 | 3,544,987 | 24,516 | 7,921,210 | 6,958,486 | 87.8% |
| Jackson Trans Auth | 3805 | 4,897,058 | 532,042 | 2,813,780 | 1,734 | 8,244,614 | 6,536,149 | 79.3% |
| Jordan Valley Dist Lib | 1507 | 202,718 | 70,447 | 0 | 0 | 273,165 | 249,867 | 91.5% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|-----------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Jordan Valley EMS Auth | 1509 | 291,522 | 0 | 88,126 | 6,194 | 385,842 | 261,719 | 67.8% |
| Kalamazoo Lake Swr & Wtr | 0306 | 334,796 | 161,170 | 978,518 | 0 | 1,474,484 | 1,001,696 | 67.9% |
| Kalamazoo Pub Lib | 3903 | 4,569,368 | 420,958 | 2,991,262 | 0 | 7,981,588 | 6,833,653 | 85.6% |
| Kalamazoo, Chtr Twp of | 3907 | 7,726,216 | 0 | 5,833,656 | 0 | 13,559,872 | 10,727,109 | 79.1% |
| Kalkaska Co | 4003 | 6,277,643 | 1,204,314 | 13,577,578 | 51,576 | 21,111,111 | 15,384,477 | 72.9% |
| Kalkaska CRC | 4002 | 950,412 | 1,781,297 | 7,183,295 | 2,724 | 9,917,728 | 4,106,623 | 41.4% |
| Kalkaska Pub Trans Auth | 4004 | 632,882 | 44,340 | 1,481,000 | 9,262 | 2,167,484 | 1,946,715 | 89.8% |
| Kalkaska, Vlg of | 4001 | 1,048,628 | 129,033 | 4,493,975 | 4,136 | 5,675,772 | 2,836,705 | 50.0% |
| Keego Harbor, City of | 6322 | 746,885 | 564,897 | 3,200,112 | 6,956 | 4,518,850 | 2,328,122 | 51.5% |
| Kent CRC | 4111 | 0 | 0 | 174,353 | 0 | 174,353 | 62,110 | 35.6% |
| Keweenaw Co | 4202 | 1,620,940 | 300,654 | 1,618,394 | 8,804 | 3,548,792 | 2,619,174 | 73.8% |
| Keweenaw CRC | 4201 | 1,641,690 | 22,158 | 5,222,752 | 0 | 6,886,600 | 3,317,697 | 48.2% |
| Kinde, Vlg of | 3209 | 63,773 | 0 | 184,100 | 0 | 247,873 | 261,700 | 105.6% |
| Kingsford, City of | 2202 | 2,470,701 | 117,632 | 6,029,504 | 16,514 | 8,634,351 | 5,700,494 | 66.0% |
| L.M.A.S. Dist Hlth Dept | 4803 | 1,843,959 | 2,474,365 | 5,397,790 | 710 | 9,716,824 | 7,962,357 | 81.9% |
| Lac Vieux Desert Band | 8402 | 292,102 | 64,969 | 225,666 | 0 | 582,737 | 535,659 | 91.9% |
| Laingsburg, City of | 7608 | 293,812 | 18,324 | 252,708 | 6,017 | 570,861 | 532,126 | 93.2% |
| Lake Co | 4301 | 10,192,354 | 1,078,483 | 7,139,764 | 18,935 | 18,429,536 | 13,714,440 | 74.4% |
| Lake CRC | 4302 | 2,772,637 | 153,237 | 7,760,649 | 0 | 10,686,523 | 5,532,115 | 51.8% |
| Lake Linden, Vlg of | 3105 | 250,157 | 58,356 | 1,039,994 | 0 | 1,348,507 | 714,016 | 52.9% |
| Lake Odessa, Vlg of | 3402 | 327,781 | 0 | 5,849 | 0 | 333,630 | 360,456 | 108.0% |
| Lake Orion, Vlg of | 6318 | 1,107,123 | 143,061 | 2,692,849 | 26,088 | 3,969,121 | 2,787,949 | 70.2% |
| Lakeland Lib Coop | 4106 | 682,746 | 24,586 | 493,527 | 6,140 | 1,206,999 | 1,077,088 | 89.2% |
| Lakeshore Coordinating Cou | 7007 | 0 | 109,747 | 884,971 | 0 | 994,718 | 1,110,933 | 111.7% |
| Lakeview Cemetery | 2407 | 109,623 | 0 | 0 | 0 | 109,623 | 101,691 | 92.8% |
| L'Anse, Vlg of | 0705 | 2,283,119 | 5,495 | 4,531,289 | 0 | 6,819,903 | 3,323,753 | 48.7% |
| Lansing Chtr Twp | 3320 | 5,340,764 | 20,767 | 3,786,164 | 2,172 | 9,149,867 | 7,979,948 | 87.2% |
| Lansing HC | 3311 | 1,616,573 | 833,110 | 6,640,524 | 13,810 | 9,104,017 | 8,103,857 | 89.0% |
| Lapeer Co | 4403 | 56,847,602 | 7,762,751 | 52,580,358 | 185,506 | 117,376,217 | 97,895,537 | 83.4% |
| Lapeer CRC | 4402 | 6,162,328 | 199,651 | 11,730,301 | 44,650 | 18,136,930 | 10,709,092 | 59.0% |
| Lapeer Dist Lib | 4410 | 1,035,039 | 230,552 | 3,507,477 | 40,716 | 4,813,784 | 3,198,803 | 66.5% |
| Lapeer, City of | 4401 | 14,053,297 | 670,892 | 12,813,992 | 0 | 27,538,181 | 19,094,144 | 69.3% |
| Lathrup Vlg, City of | 6311 | 1,955,526 | 35,283 | 6,359,989 | 137,469 | 8,488,267 | 6,848,191 | 80.7% |
| Laurium, Vlg of | 3104 | 1,688,867 | 59,759 | 799,025 | 0 | 2,547,651 | 1,478,342 | 58.0% |
| Lawrence, Vlg of | 8004 | 0 | 7,458 | 110,345 | 0 | 117,803 | 114,637 | 97.3% |
| Leelanau Co | 4501 | 12,605,370 | 1,457,830 | 13,891,931 | 20,728 | 27,975,859 | 23,480,278 | 83.9% |
| Leelanau CRC | 4503 | 3,103,718 | 1,008,897 | 3,328,242 | 14,927 | 7,455,784 | 5,685,208 | 76.3% |
| Leoni Twp | 3804 | 860,443 | 1,643,557 | 3,747,929 | 27,393 | 6,279,322 | 4,388,559 | 69.9% |
| Leslie Twp | 3319 | 401,974 | 0 | 58,773 | 0 | 460,747 | 395,132 | 85.8% |
| Leslie, City of | 3313 | 583,852 | 143,955 | 1,235,092 | 874 | 1,963,773 | 1,407,992 | 71.7% |
| Lexington, Vlg of | 7708 | 651,530 | 259,016 | 1,818,064 | 12,072 | 2,740,682 | 1,765,230 | 64.4% |
| Lima Twp | 8112 | 205,743 | 15,588 | 193,239 | 0 | 414,570 | 480,156 | 115.8% |
| Lincoln Park, City of | 8244 | 3,665,530 | 1,284,733 | 37,006,735 | 0 | 41,956,998 | 7,990,061 | 19.0% |
| Litchfield, City of | 3006 | 642,480 | 48,044 | 1,218,333 | 7,065 | 1,915,922 | 1,290,214 | 67.3% |
| Livingston Co | 4703 | 59,780,851 | 7,442,703 | 75,342,875 | 54,620 | 142,621,049 | 101,624,833 | 71.3% |
| Livingston Co CMH Auth | 4712 | 10,253,097 | 2,408,018 | 9,850,334 | 0 | 22,511,449 | 19,651,707 | 87.3% |
| Livingston CRC | 4701 | 11,202,130 | 517,110 | 11,732,349 | 0 | 23,451,589 | 18,369,753 | 78.3% |
| Looking Glass Rgnl Fire CLT | 2311 | 0 | 56,484 | 83,406 | 0 | 139,890 | 174,154 | 124.5% |
| Loutit Dist Lib | 7013 | 1,877,562 | 72,984 | 550,711 | 8,497 | 2,509,754 | 2,103,540 | 83.8% |
| Lowell, City of | 4104 | 4,947,617 | 741,450 | 8,847,738 | 52,258 | 14,589,063 | 9,420,051 | 64.6% |
| Luce Co | 4804 | 2,628,909 | 538,479 | 4,786,055 | 2,565 | 7,956,008 | 4,602,387 | 57.8% |
| Luce Co Amb Svs | 4806 | 300,244 | 47,625 | 0 | 0 | 347,869 | 353,830 | 101.7% |
| Luce CRC | 4801 | 1,949,833 | 353,818 | 8,520,594 | 0 | 10,824,245 | 4,214,835 | 38.9% |
| Ludington, City of | 5302 | 6,043,306 | 294,134 | 13,402,230 | 0 | 19,739,670 | 13,492,971 | 68.4% |
| Luna Pier, City of | 5802 | 720,292 | 54,032 | 4,091,961 | 22,619 | 4,888,904 | 2,425,511 | 49.6% |
| Lyons, Vlg of | 3411 | 0 | 0 | 195,790 | 0 | 195,790 | 194,668 | 99.4% |
| Mackinac Co | 4901 | 5,470,813 | 2,326,505 | 10,280,809 | 0 | 18,078,127 | 12,732,277 | 70.4% |
| Mackinac Co HC | 4905 | 0 | 0 | 433,885 | 0 | 433,885 | 383,961 | 88.5% |
| Mackinac CRC | 4903 | 1,708,133 | 0 | 7,465,320 | 0 | 9,173,453 | 4,447,369 | 48.5% |
| Mackinac Straits Hosp&Hlth | 4902 | 12,837,539 | 3,214,247 | 12,508,570 | 137,672 | 28,698,028 | 21,463,236 | 74.8% |
| Mackinaw City, Vlg of | 1606 | 783,403 | 36,580 | 332,577 | 1,032 | 1,153,592 | 985,731 | 85.4% |
| Madison Heights, City of | 6308 | 11,977,699 | 1,623,817 | 26,879,336 | 22,951 | 40,503,803 | 42,487,975 | 104.9% |
| Madison, Chtr Twp of | 4605 | 943,467 | 260,651 | 392,959 | 728 | 1,597,805 | 1,218,045 | 76.2% |
| Manistee Co | 5101 | 21,070,683 | 3,561,149 | 27,920,966 | 95,369 | 52,648,167 | 36,953,823 | 70.2% |
| Manistee CRC | 5103 | 4,196,209 | 514,704 | 8,056,887 | 0 | 12,767,800 | 8,314,298 | 65.1% |
| Manistee HC | 5107 | 186,736 | 72,075 | 281,509 | 5,567 | 545,887 | 541,087 | 99.1% |
| Manistee, City of | 5105 | 8,769,558 | 356,837 | 10,295,412 | 15,569 | 19,437,376 | 16,164,788 | 83.2% |
| Manistique, City of | 7504 | 4,809,311 | 235,545 | 9,875,995 | 0 | 14,920,851 | 7,102,561 | 47.6% |
| Manlius Twp | 0311 | 232,115 | 10,973 | 344,014 | 1,336 | 588,438 | 526,322 | 89.4% |
| Manton, City of | 8304 | 352,160 | 89,346 | 1,542,090 | 0 | 1,983,596 | 740,884 | 37.4% |
| Marenisco Twp | 2704 | 278,214 | 0 | 188,050 | 0 | 466,264 | 358,441 | 76.9% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|-------------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Marine City, City of CLD | 7704 | 0 | 0 | 13,573 | 0 | 13,573 | 35,675 | 262.8% |
| Marion, Vlg of | 6704 | 436,343 | 1,889 | 234,249 | 0 | 672,481 | 495,222 | 73.6% |
| Marlette, City of | 7405 | 926,428 | 52,724 | 1,055,768 | 0 | 2,034,920 | 1,434,930 | 70.5% |
| Marquette Brd of Light & Pov | 5209 | 8,710,721 | 62,417 | 33,547,274 | 24,937 | 42,345,349 | 25,409,847 | 60.0% |
| Marquette Chtr Twp | 5215 | 2,539,260 | 237,141 | 289,421 | 3,295 | 3,069,117 | 2,288,854 | 74.6% |
| Marquette Co | 5202 | 24,127,453 | 3,570,567 | 79,268,057 | 265,310 | 107,231,387 | 74,492,848 | 69.5% |
| Marquette Co Solid Waste M | 5213 | 1,134,857 | 586,562 | 1,010,941 | 8,671 | 2,741,031 | 2,758,183 | 100.6% |
| Marquette Co Trans Auth | 5206 | 1,159,778 | 12,915 | 2,360,158 | 17,591 | 3,550,442 | 3,292,864 | 92.7% |
| Marquette CRC | 5211 | 9,486,613 | 1,491,428 | 17,773,843 | 16,942 | 28,768,826 | 13,387,503 | 46.5% |
| Marquette, City of | 5201 | 22,672,478 | 2,254,576 | 40,179,117 | 45,217 | 65,151,388 | 39,693,337 | 60.9% |
| Marshall Area Firefighters Ar | 1313 | 857,332 | 16,414 | 0 | 6,547 | 880,293 | 929,999 | 105.6% |
| Marshall Dist Lib | 1309 | 0 | 0 | 167,404 | 0 | 167,404 | 102,686 | 61.3% |
| Marshall, City of | 1306 | 11,523,328 | 1,173,367 | 22,486,160 | 37,277 | 35,220,132 | 22,875,111 | 64.9% |
| Mason Co | 5301 | 21,941,049 | 3,641,815 | 32,405,469 | 0 | 57,988,333 | 42,319,182 | 73.0% |
| Mason Co Dist Lib | 5303 | 816,947 | 99,375 | 1,484,055 | 0 | 2,400,377 | 1,881,359 | 78.4% |
| Mason CRC | 5305 | 3,709,391 | 316,635 | 3,933,673 | 4,223 | 7,963,922 | 5,219,948 | 65.5% |
| Mason, City of | 3304 | 6,108,362 | 676,195 | 12,347,823 | 153,623 | 19,286,003 | 12,671,404 | 65.7% |
| Mason-Oceana Cty Enh 911 | 6403 | 1,437,207 | 386,030 | 635,757 | 2,060 | 2,461,054 | 2,197,568 | 89.3% |
| MBS Intl Arpt | 0902 | 3,414,136 | 322,119 | 7,661,856 | 0 | 11,398,111 | 6,683,222 | 58.6% |
| Meceola Central Dispatch | 5405 | 1,965,166 | 25,979 | 1,135,607 | 0 | 3,126,752 | 2,611,499 | 83.5% |
| Mecosta Co | 5403 | 11,501,848 | 2,894,716 | 21,655,299 | 14,997 | 36,066,860 | 35,443,125 | 98.3% |
| Mecosta Co General Hosp C | 5404 | 0 | 1,959,920 | 5,381,243 | 0 | 7,341,163 | 8,793,528 | 119.8% |
| Mecosta CRC | 5401 | 3,667,232 | 350,811 | 6,404,435 | 16,983 | 10,439,461 | 8,436,800 | 80.8% |
| Melvindale HC | 8220 | 68,195 | 431,117 | 845,591 | 2,990 | 1,347,893 | 1,041,281 | 77.3% |
| Melvindale, City of | 8215 | 7,562,647 | 1,150,338 | 33,272,915 | 1,733 | 41,987,633 | 17,339,243 | 41.3% |
| Menominee Co | 5502 | 12,502,623 | 1,294,627 | 12,114,257 | 13,768 | 25,925,275 | 18,512,474 | 71.4% |
| Menominee CRC | 5503 | 2,259,818 | 247,434 | 2,690,995 | 0 | 5,198,247 | 3,185,651 | 61.3% |
| Menominee, City of | 5501 | 5,183,381 | 1,263,522 | 4,140,157 | 0 | 10,587,060 | 8,300,117 | 78.4% |
| Meridian Chtr Twp | 3315 | 22,905,102 | 1,649,337 | 39,503,628 | 102,436 | 64,160,503 | 37,221,865 | 58.0% |
| MERS | 2308 | 15,990,387 | 4,929,326 | 6,999,933 | 117,919 | 28,037,565 | 29,499,016 | 105.2% |
| Metamora Twp | 4409 | 428,321 | 365,518 | 320,108 | 0 | 1,113,947 | 1,063,594 | 95.5% |
| Mich Muni Risk Mgmt Auth | 8237 | 1,192,526 | 0 | 0 | 0 | 1,192,526 | 1,292,179 | 108.4% |
| Mich S Central Power Agcy | 3002 | 2,433,345 | 3,588,184 | 7,756,394 | 0 | 13,777,923 | 13,621,701 | 98.9% |
| Middleville, Vlg of | 0803 | 851,602 | 73,418 | 1,029,711 | 0 | 1,954,731 | 1,591,367 | 81.4% |
| Midland Co Central Disp Aut | 5604 | 2,667,405 | 98,221 | 1,112,922 | 14,746 | 3,893,294 | 2,866,085 | 73.6% |
| Midland CRC | 5602 | 4,732,774 | 126,654 | 13,670,528 | 9,941 | 18,539,897 | 12,676,529 | 68.4% |
| Midland, City of | 5601 | 29,605,999 | 2,779,776 | 112,320,476 | 98,210 | 144,804,461 | 83,248,979 | 57.5% |
| Mid-Mich Dist Hlth Dept | 5901 | 5,540,349 | 1,423,263 | 4,325,299 | 62,712 | 11,351,623 | 9,075,061 | 79.9% |
| Mid-Mich Lib League | 8306 | 160,464 | 305,778 | 300,736 | 0 | 766,978 | 721,984 | 94.1% |
| Mid-Peninsula Lib Coop CLL | 3609 | 0 | 0 | 212,967 | 2,069 | 215,036 | 76,988 | 35.8% |
| Milan Lib | 5806 | 147,691 | 0 | 264,194 | 0 | 411,885 | 247,665 | 60.1% |
| Milan, City of | 5801 | 1,883,145 | 855,473 | 10,364,202 | 0 | 13,102,820 | 6,427,776 | 49.1% |
| Milford, Vlg of | 6313 | 6,279,893 | 540,733 | 7,481,562 | 29,258 | 14,331,446 | 11,273,670 | 78.7% |
| Millington, Vlg of | 7904 | 194,957 | 0 | 1,310,909 | 0 | 1,505,866 | 1,503,340 | 99.8% |
| Missaukee Co | 5702 | 3,091,073 | 432,796 | 3,228,910 | 6,548 | 6,759,327 | 4,918,107 | 72.8% |
| MOA Solid Waste Mgmt Autl | 6002 | 199,029 | 106,248 | 595,079 | 0 | 900,356 | 858,156 | 95.3% |
| Monroe HC | 5808 | 962,549 | 155,557 | 1,222,436 | 0 | 2,340,542 | 1,276,003 | 54.5% |
| Montague, City of | 6112 | 2,778,643 | 177,654 | 3,209,393 | 0 | 6,165,690 | 4,233,400 | 68.7% |
| Montcalm CRC | 5905 | 5,566,401 | 326,142 | 12,452,325 | 65 | 18,344,933 | 9,885,490 | 53.9% |
| Montmorency Co | 6001 | 3,535,512 | 581,933 | 8,033,222 | 11,344 | 12,162,011 | 6,677,982 | 54.9% |
| Montrose, City of | 2509 | 108,988 | 230,680 | 743,394 | 0 | 1,083,062 | 544,256 | 50.3% |
| Mt. Morris Chtr Twp | 2503 | 12,853,514 | 380,436 | 22,849,176 | 8,042 | 36,091,168 | 19,764,157 | 54.8% |
| Mt. Pleasant, City of | 3701 | 13,439,021 | 1,065,574 | 16,575,001 | 60,610 | 31,140,206 | 21,140,530 | 67.9% |
| Muir, Vlg of | 3405 | 123,400 | 0 | 233,060 | 0 | 356,460 | 280,716 | 78.8% |
| Mundy, Chtr Twp of | 2517 | 3,801,879 | 315,231 | 4,236,097 | 11,276 | 8,364,483 | 6,673,702 | 79.8% |
| Munising, City of | 0202 | 3,246,110 | 602,089 | 5,102,599 | 0 | 8,950,798 | 5,810,398 | 64.9% |
| Muskegon Area Dist Lib | 6117 | 1,803,393 | 0 | 605,604 | 8,705 | 2,417,702 | 2,107,448 | 87.2% |
| Muskegon Chtr Twp | 6108 | 11,564,400 | 180,891 | 10,998,030 | 9,398 | 22,752,719 | 15,997,441 | 70.3% |
| Muskegon Co | 6103 | 85,247,386 | 15,539,455 | 175,385,479 | 888,729 | 277,061,049 | 181,973,117 | 65.7% |
| Muskegon CRC | 6101 | 7,506,322 | 785,073 | 15,952,612 | 0 | 24,244,007 | 17,599,633 | 72.6% |
| Muskegon HC | 6113 | 550,145 | 0 | 383,087 | 0 | 933,232 | 657,219 | 70.4% |
| Muskegon Heights HC | 6115 | 848,566 | 4,757 | 515,569 | 1,274 | 1,370,166 | 888,365 | 64.8% |
| Muskegon Heights, City of | 6102 | 8,174,506 | 1,462,277 | 25,751,801 | 210,899 | 35,599,483 | 22,760,693 | 63.9% |
| Muskegon, City of | 6116 | 44,218,848 | 3,471,104 | 63,297,841 | 93,685 | 111,081,478 | 90,926,163 | 81.9% |
| N Houghton Co Wtr&Swg Au | 3106 | 336,131 | 29,890 | 298,106 | 0 | 664,127 | 502,171 | 75.6% |
| N Muskegon, City of | 6104 | 2,180,442 | 191,482 | 4,291,739 | 0 | 6,663,663 | 5,196,978 | 78.0% |
| Nashville, Vlg of | 0807 | 348,328 | 0 | 0 | 70,195 | 418,523 | 462,970 | 110.6% |
| Negaunee Twp | 5217 | 305,739 | 1,999 | 323,755 | 888 | 632,381 | 608,983 | 96.3% |
| Negaunee, City of | 5203 | 4,430,454 | 485,227 | 8,250,504 | 0 | 13,166,185 | 7,288,340 | 55.4% |
| Network180 | 4109 | 17,290,495 | 3,854,663 | 13,527,263 | 158,464 | 34,830,885 | 33,251,819 | 95.5% |
| New Baltimore, City of | 5016 | 8,632,003 | 332,369 | 7,636,947 | 35,072 | 16,636,391 | 14,103,737 | 84.8% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|-----------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| New Buffalo, City of | 1113 | 1,374,156 | 177,956 | 1,021,185 | 57,406 | 2,630,703 | 2,115,751 | 80.4% |
| Newaygo CMH | 6207 | 274,008 | 156,466 | 2,818,685 | 0 | 3,249,159 | 3,766,137 | 115.9% |
| Newaygo Co | 6201 | 5,728,954 | 1,329,253 | 19,441,850 | 0 | 26,500,057 | 21,625,167 | 81.6% |
| Newaygo CRC | 6212 | 5,154,524 | 224,880 | 5,337,072 | 0 | 10,716,476 | 8,615,638 | 80.4% |
| Newaygo MCF | 6204 | 4,735,967 | 1,123,909 | 7,316,267 | 414,286 | 13,590,429 | 13,683,423 | 100.7% |
| Newaygo Soil & Wtr Cnsvrn | 6205 | 58,407 | 0 | 124,406 | 4,941 | 187,754 | 185,021 | 98.5% |
| Newberry, Vlg of | 4802 | 1,362,515 | 239,159 | 3,073,828 | 0 | 4,675,502 | 3,035,237 | 64.9% |
| Niles Dist Lib | 1105 | 533,184 | 25,150 | 511,846 | 15,971 | 1,086,151 | 932,974 | 85.9% |
| Northern Lakes CMH Auth | 2808 | 4,103,893 | 1,589,049 | 20,227,427 | 0 | 25,920,369 | 21,480,158 | 82.9% |
| Northfield Twp | 8117 | 1,800,116 | 199,721 | 0 | 0 | 1,999,837 | 1,835,538 | 91.8% |
| Northpointe Bhvrl Hlth Sys | 2207 | 5,264,132 | 1,750,218 | 6,237,970 | 37,660 | 13,289,980 | 11,827,902 | 89.0% |
| Northville Chtr Twp | 8230 | 23,888,675 | 403,444 | 22,170,088 | 3,164 | 46,465,371 | 32,999,978 | 71.0% |
| Northville Dist Lib | 8229 | 1,763,195 | 90,047 | 1,402,110 | 0 | 3,255,352 | 2,627,017 | 80.7% |
| Northville, City of | 8208 | 4,058,208 | 876,109 | 15,410,212 | 10,312 | 20,354,841 | 12,366,755 | 60.8% |
| Norton Shores, City of | 6106 | 17,684,550 | 1,195,495 | 27,651,913 | 22,156 | 46,554,114 | 22,881,306 | 49.1% |
| Norway, City of | 2204 | 6,857,113 | 324,589 | 13,151,956 | 5,849 | 20,339,507 | 9,001,159 | 44.3% |
| Nottawaseppi Huron Band | 8403 | 303,155 | 2,890 | 48,413 | 1,139 | 355,597 | 341,316 | 96.0% |
| Novi, City of | 6320 | 36,815,878 | 5,568,950 | 57,152,928 | 182,016 | 99,719,772 | 64,009,436 | 64.2% |
| NW Mich Cmnty Hlth Agcy | 1502 | 2,175,798 | 306,134 | 4,172,178 | 0 | 6,654,110 | 5,076,132 | 76.3% |
| NW Rgnl Arpt Comm | 2805 | 2,525,116 | 218,425 | 3,906,960 | 0 | 6,650,501 | 5,995,744 | 90.2% |
| Oceana Co | 6402 | 19,823,693 | 1,980,969 | 19,583,757 | 103,174 | 41,491,593 | 31,446,844 | 75.8% |
| Oceola Twp | 4717 | 1,061,664 | 39,469 | 209,844 | 1,116 | 1,312,093 | 1,221,835 | 93.1% |
| Ogemaw Co | 6502 | 10,763,810 | 890,144 | 17,713,146 | 61,688 | 29,428,788 | 22,046,527 | 74.9% |
| Ogemaw Co EMS Auth | 6508 | 1,792,800 | 320,007 | 1,321,536 | 14,861 | 3,449,204 | 3,139,091 | 91.0% |
| Ogemaw CRC | 6503 | 4,362,981 | 616,787 | 5,013,780 | 0 | 9,993,548 | 5,956,876 | 59.6% |
| Olive Twp | 7009 | 188,038 | 0 | 233,413 | 0 | 421,451 | 291,429 | 69.1% |
| Onaway, City of | 7105 | 599,455 | 11,845 | 226,430 | 0 | 837,730 | 771,761 | 92.1% |
| Ontonagon Co | 6602 | 4,745,060 | 641,918 | 5,037,656 | 0 | 10,424,634 | 7,271,081 | 69.7% |
| Ontonagon Co Economic Dt | 6605 | 0 | 0 | 100,749 | 0 | 100,749 | 50,716 | 50.3% |
| Ontonagon CRC | 6604 | 6,532,837 | 0 | 17,991,888 | 0 | 24,524,725 | 10,758,413 | 43.9% |
| Ontonagon, Vlg of | 6603 | 964,072 | 1,991,775 | 11,391,308 | 144,895 | 14,492,050 | 8,614,198 | 59.4% |
| Orchard Lake, City of | 6312 | 1,508,377 | 57,945 | 4,401,216 | 197 | 5,967,735 | 4,283,042 | 71.8% |
| Oronoko Chtr Twp | 1114 | 686,733 | 128,699 | 1,463,421 | 12,659 | 2,291,512 | 1,575,223 | 68.7% |
| Osceola Co | 6701 | 10,401,172 | 2,685,384 | 6,463,458 | 32,003 | 19,582,017 | 16,333,661 | 83.4% |
| Osceola CRC | 6703 | 2,455,971 | 0 | 5,724,147 | 0 | 8,180,118 | 4,568,562 | 55.8% |
| Oscoda Chtr Twp | 3503 | 615,852 | 207,074 | 3,366,037 | 9,265 | 4,198,228 | 2,703,704 | 64.4% |
| Oscoda Co | 6801 | 4,302,603 | 407,285 | 6,170,652 | 23,101 | 10,903,641 | 7,436,713 | 68.2% |
| Oscoda Wurtsmith Arpt Autt | 6802 | 273,871 | 0 | 146,993 | 0 | 420,864 | 334,422 | 79.5% |
| Otisville, Vlg of | 2506 | 426,065 | 2,852 | 808,545 | 0 | 1,237,462 | 896,125 | 72.4% |
| Otsego Co | 6902 | 8,800,650 | 2,212,540 | 11,524,251 | 8,868 | 22,546,309 | 14,637,015 | 64.9% |
| Otsego CRC | 6901 | 4,177,831 | 382,718 | 7,666,455 | 239 | 12,227,243 | 6,820,832 | 55.8% |
| Ottawa Co | 7003 | 126,577,144 | 15,801,133 | 138,259,026 | 814,087 | 281,451,390 | 230,443,173 | 81.9% |
| Ottawa Co Central Disp Autt | 7008 | 1,163,967 | 58,718 | 1,175,405 | 9,058 | 2,407,148 | 2,080,755 | 86.4% |
| Ottawa CRC | 7002 | 17,983,788 | 938,405 | 37,402,568 | 19,330 | 56,344,091 | 33,005,995 | 58.6% |
| Otter Lake, Vlg of | 4408 | 151,104 | 0 | 0 | 0 | 151,104 | 128,711 | 85.2% |
| Owosso, City of | 7607 | 761,538 | 42,379 | 4,143,037 | 0 | 4,946,954 | 3,353,276 | 67.8% |
| Oxford Fire Department | 6327 | 2,171,592 | 214,370 | 3,050,634 | 0 | 5,436,596 | 3,246,112 | 59.7% |
| Oxford, Vlg of | 6326 | 1,735,301 | 140,365 | 1,518,949 | 510 | 3,395,125 | 2,140,306 | 63.0% |
| Parchment, City of | 3901 | 768,471 | 52,550 | 2,704,885 | 0 | 3,525,906 | 2,174,760 | 61.7% |
| Pathways(Spr.Bhvl.Mntl.Hlth | 5214 | 5,558,124 | 4,238,550 | 44,939,722 | 41,661 | 54,778,057 | 26,758,452 | 48.8% |
| Paw Paw Lk Reg Jnt Swg D | 1103 | 1,483,079 | 0 | 530,589 | 0 | 2,013,668 | 1,558,153 | 77.4% |
| Paw Paw, Vlg of | 8002 | 4,684,881 | 156,741 | 4,912,275 | 51,501 | 9,805,398 | 7,222,278 | 73.7% |
| Pellston, Vlg of | 2404 | 509,366 | 0 | 0 | 0 | 509,366 | 425,936 | 83.6% |
| Pennfield Chtr Twp | 1312 | 1,660,867 | 43,290 | 1,187,094 | 0 | 2,891,251 | 2,032,320 | 70.3% |
| Pentwater, Vlg of | 6401 | 597,457 | 166,738 | 1,340,079 | 4,810 | 2,109,084 | 1,586,163 | 75.2% |
| Perrinton, Vlg of | 2909 | 67,034 | 31,121 | 0 | 3,226 | 101,381 | 100,074 | 98.7% |
| Petersburg, City of | 5807 | 403,902 | 107,026 | 0 | 0 | 510,928 | 560,656 | 109.7% |
| Petoskey, City of | 2402 | 11,031,147 | 915,585 | 14,700,510 | 720 | 26,647,962 | 20,640,074 | 77.5% |
| Pewamo, Vlg of | 3407 | 352,588 | 0 | 0 | 0 | 352,588 | 266,480 | 75.6% |
| Pigeon, Vlg of | 3203 | 352,678 | 188,993 | 766,360 | 0 | 1,308,031 | 805,954 | 61.6% |
| Pinckney, Vlg of | 4706 | 1,210,040 | 58,452 | 1,677,525 | 10,042 | 2,956,059 | 2,591,382 | 87.7% |
| Pinconning, City of | 0904 | 399,828 | 163,698 | 1,802,045 | 4,713 | 2,370,284 | 1,383,307 | 58.4% |
| Pittsfield Chtr Twp | 8110 | 20,664,883 | 2,267,421 | 12,212,717 | 230,775 | 35,375,796 | 25,223,934 | 71.3% |
| Pleasant Ridge, City of | 6301 | 1,856,312 | 422,980 | 3,812,492 | 2,263 | 6,094,047 | 3,229,910 | 53.0% |
| Plymouth Dist Lib | 8221 | 1,695,469 | 12,902 | 2,919,670 | 0 | 4,628,041 | 3,615,611 | 78.1% |
| Plymouth, Chtr Twp of | 8238 | 14,444,665 | 594,910 | 15,600,398 | 54,151 | 30,694,124 | 21,905,575 | 71.4% |
| Plymouth, City of | 8202 | 0 | 134,660 | 16,363,679 | 0 | 16,498,339 | 9,140,563 | 55.4% |
| Pokagon Band of Potawatn | 8401 | 15,390,035 | 1,351,010 | 3,489,705 | 294,176 | 20,524,926 | 20,816,161 | 101.4% |
| Port Austin Area Swr&Wtr A | 3210 | 0 | 33,790 | 50,181 | 7,288 | 91,259 | 169,061 | 185.3% |
| Port Austin, Vlg of | 3208 | 200,198 | 12,277 | 478,079 | 3,418 | 693,972 | 538,138 | 77.5% |
| Port Huron Chtr Twp | 7711 | 1,786,613 | 120,643 | 1,822,847 | 0 | 3,730,103 | 2,568,548 | 68.9% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|----------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| Port Huron HC | 7712 | 2,229,326 | 146,700 | 6,437,862 | 2,949 | 8,816,837 | 5,634,112 | 63.9% |
| Port Huron, City of | 7702 | 46,526,565 | 2,588,355 | 108,373,207 | 59,155 | 157,547,282 | 88,397,936 | 56.1% |
| Port Sanilac, Vlg of | 7403 | 436,237 | 51,296 | 867,900 | 4,435 | 1,359,868 | 837,468 | 61.6% |
| Port Sheldon Twp | 7018 | 755,336 | 0 | 143,553 | 0 | 898,889 | 970,910 | 108.0% |
| Portland, City of | 3401 | 6,241,989 | 760,055 | 7,041,746 | 645 | 14,044,435 | 8,884,809 | 63.3% |
| Pottsville, City of | 2313 | 255,509 | 30,931 | 685,865 | 1,101 | 973,406 | 713,412 | 73.3% |
| Presque Isle Co | 7104 | 5,538,890 | 466,769 | 7,278,550 | 38,618 | 13,322,827 | 9,088,043 | 68.2% |
| Presque Isle CRC | 7101 | 3,043,303 | 0 | 6,951,415 | 209 | 9,994,927 | 5,166,331 | 51.7% |
| PRIDE Youth Programs CLL | 6210 | 0 | 0 | 535,012 | 0 | 535,012 | 378,279 | 70.7% |
| Ravenna, Vlg of | 6111 | 348,010 | 38,896 | 220,220 | 0 | 607,126 | 574,647 | 94.7% |
| Reading, City of | 3003 | 213,239 | 48,346 | 180,000 | 0 | 441,585 | 380,751 | 86.2% |
| Redford Twp Dist Lib | 8228 | 1,703,499 | 67,516 | 1,127,825 | 0 | 2,898,840 | 2,541,621 | 87.7% |
| Redford, Chtr Twp of | 8209 | 11,915,615 | 2,253,395 | 37,869,854 | 30,175 | 52,069,039 | 30,605,469 | 58.8% |
| Reed City, City of | 6702 | 2,651,347 | 272,884 | 4,033,047 | 822 | 6,958,100 | 4,458,698 | 64.1% |
| Richfield Twp (Genesee Co) | 2514 | 1,395,834 | 443,274 | 3,234,344 | 3,477 | 5,076,929 | 2,917,420 | 57.5% |
| Richfield Twp (Roscommon) | 7202 | 652,159 | 932,911 | 1,423,553 | 18,771 | 3,027,394 | 1,965,377 | 64.9% |
| Richland Twp | 7310 | 1,025,770 | 14,524 | 3,964,850 | 1,929 | 5,007,073 | 2,909,967 | 58.1% |
| Richmond, City of | 5012 | 2,108,140 | 0 | 645,319 | 0 | 2,753,459 | 1,997,834 | 72.6% |
| Rochester, City of | 6307 | 8,721,636 | 341,503 | 13,200,335 | 60,734 | 22,324,208 | 14,932,151 | 66.9% |
| Rockford, City of | 4103 | 3,040,310 | 1,013,754 | 4,977,797 | 0 | 9,031,861 | 5,931,774 | 65.7% |
| Rockwood, City of | 5810 | 1,297,305 | 161,436 | 1,164,350 | 0 | 2,623,091 | 2,440,153 | 93.0% |
| Rogers City, City of | 7102 | 2,454,409 | 308,522 | 8,496,163 | 7,248 | 11,266,342 | 5,563,815 | 49.4% |
| Romeo Dist Lib | 5006 | 611,066 | 513,888 | 2,295,714 | 4,868 | 3,425,536 | 2,927,620 | 85.5% |
| Romeo, Vlg of | 5005 | 3,809,590 | 69,929 | 4,387,232 | 0 | 8,266,751 | 5,271,928 | 63.8% |
| Romulus, City of | 8225 | 11,125,697 | 984,682 | 40,023,929 | 111,877 | 52,246,185 | 21,473,793 | 41.1% |
| Roosevelt Park, City of | 6107 | 1,632,412 | 313,883 | 3,802,286 | 0 | 5,748,581 | 3,376,527 | 58.7% |
| Roscommon Co | 7201 | 10,821,453 | 1,299,118 | 15,512,239 | 24,793 | 27,657,603 | 20,443,921 | 73.9% |
| Roscommon Co Trans Auth | 7205 | 1,354,202 | 0 | 1,680,324 | 0 | 3,034,526 | 2,434,477 | 80.2% |
| Rose City, City of | 6504 | 198,462 | 14,648 | 457,486 | 1,954 | 672,550 | 583,676 | 86.8% |
| Rose Twp | 6506 | 78,372 | 0 | 76,307 | 0 | 154,679 | 374,219 | 241.9% |
| Royal Oak, Chtr Twp of | 6306 | 149,045 | 1,089 | 2,176,882 | 39,773 | 2,366,789 | 4,069,829 | 172.0% |
| Saginaw Chtr Twp | 7314 | 4,443,857 | 344,679 | 15,112,014 | 56,727 | 19,957,277 | 13,174,974 | 66.0% |
| Saginaw Co | 7303 | 17,436,757 | 2,712,819 | 128,518,234 | 8,843 | 148,676,653 | 128,382,162 | 86.3% |
| Saginaw Co 911 Com Ctr | 7316 | 1,975,062 | 252,856 | 11,082,413 | 0 | 13,310,331 | 9,054,956 | 68.0% |
| Saginaw Co CMH | 7318 | 3,236,087 | 1,276,266 | 13,517,156 | 661 | 18,030,170 | 11,989,691 | 66.5% |
| Saginaw CRC | 7304 | 11,731,077 | 491,208 | 21,364,883 | 4,472 | 33,591,640 | 23,840,041 | 71.0% |
| Saginaw HC | 7321 | 817,590 | 649,737 | 2,799,815 | 21,274 | 4,288,416 | 2,248,264 | 52.4% |
| Saginaw Trans Sys Auth | 7319 | 630,191 | 433,006 | 1,430,444 | 0 | 2,493,641 | 2,490,668 | 99.9% |
| Saginaw, City of | 7301 | 43,727,342 | 2,786,034 | 295,167,591 | 100,743 | 341,781,710 | 186,187,752 | 54.5% |
| Saginaw, Pub Lib of | 7317 | 662,941 | 420,669 | 606,592 | 25,002 | 1,715,204 | 2,668,790 | 155.6% |
| Saginaw-Midland Muni Wtr C | 7305 | 2,095,063 | 41,600 | 2,723,674 | 0 | 4,860,337 | 3,345,168 | 68.8% |
| Saline, City of | 8105 | 9,743,415 | 432,193 | 16,930,385 | 0 | 27,105,993 | 17,656,793 | 65.1% |
| Sandusky Dist Lib | 7404 | 208,221 | 0 | 45,907 | 0 | 254,128 | 243,428 | 95.8% |
| Sandusky, City of | 7402 | 1,428,995 | 392,917 | 2,906,037 | 9,521 | 4,737,470 | 2,678,112 | 56.5% |
| Sanilac CRC | 7410 | 4,644,965 | 0 | 3,881,157 | 149 | 8,526,271 | 7,072,575 | 83.0% |
| Saranac HC | 3413 | 535,312 | 0 | 299,981 | 0 | 835,293 | 493,081 | 59.0% |
| Saugatuck Twp | 0305 | 320,446 | 124,207 | 540,845 | 0 | 985,498 | 319,994 | 32.5% |
| Saugatuck Twp Fire Dist | 0313 | 169,217 | 0 | 277,158 | 0 | 446,375 | 361,239 | 80.9% |
| Saugatuck, City of | 0307 | 338,333 | 66,098 | 1,485,110 | 0 | 1,889,541 | 1,623,809 | 85.9% |
| Sault Ste. Marie HC | 4906 | 827,459 | 29,060 | 1,223,268 | 15,010 | 2,094,797 | 2,049,313 | 97.8% |
| Sault Ste. Marie, City of | 1701 | 10,702,981 | 739,909 | 19,060,783 | 43,415 | 30,547,088 | 21,386,892 | 70.0% |
| SCCMUA | 1905 | 1,790,259 | 520,197 | 1,818,339 | 25,923 | 4,154,718 | 3,608,273 | 86.8% |
| Schoolcraft Co | 7503 | 9,760,662 | 2,386,091 | 22,171,721 | 165,670 | 34,484,144 | 22,354,261 | 64.8% |
| Schoolcraft Co Trans Auth | 7506 | 934,920 | 0 | 0 | 510 | 935,430 | 727,125 | 77.7% |
| Schoolcraft CRC | 7501 | 3,181,873 | 525,372 | 11,567,155 | 0 | 15,274,400 | 7,240,579 | 47.4% |
| Schoolcraft Memorial Hosp | 7505 | 7,475,263 | 2,601,268 | 13,067,979 | 15,067 | 23,159,577 | 18,819,990 | 81.3% |
| Scio Twp | 8116 | 2,789,692 | 0 | 383,595 | 15,197 | 3,188,484 | 2,597,441 | 81.5% |
| Scottville, City of | 5308 | 525,458 | 18,938 | 177,290 | 0 | 721,686 | 626,548 | 86.8% |
| SE Oakland Co Rsrc Rec A | 6310 | 2,138,712 | 277,982 | 3,358,548 | 0 | 5,775,242 | 3,674,810 | 63.6% |
| SE Oakland Co Wtr Auth | 6309 | 4,438,151 | 1,172 | 5,329,716 | 0 | 9,769,039 | 8,120,572 | 83.1% |
| Sebawaing, Vlg of | 3205 | 1,831,768 | 327,726 | 5,681,971 | 14,100 | 7,855,565 | 7,191,603 | 91.5% |
| SEMCOG | 8210 | 13,613,873 | 1,824,505 | 16,008,993 | 0 | 31,447,371 | 27,337,184 | 86.9% |
| Shepherd, Vlg of | 3704 | 479,062 | 0 | 134,076 | 10,116 | 623,254 | 625,969 | 100.4% |
| Shiawassee Co | 7602 | 27,436,267 | 8,243,208 | 79,636,762 | 50,406 | 115,366,643 | 79,303,633 | 68.7% |
| Shiawassee Co CMH | 7609 | 6,892,937 | 2,663,893 | 5,696,982 | 0 | 15,253,812 | 12,891,724 | 84.5% |
| Shiawassee Council on Agr | 7605 | 105,741 | 0 | 718,978 | 0 | 824,719 | 541,471 | 65.7% |
| Shiawassee CRC | 7601 | 4,865,981 | 1,782,030 | 14,294,784 | 449 | 20,943,244 | 15,890,851 | 75.9% |
| Shiawassee Dist Lib | 7606 | 1,500,887 | 38,528 | 402,953 | 10,635 | 1,953,003 | 1,955,680 | 100.1% |
| Sims Whitney Util Auth | 0606 | 254,037 | 0 | 89,389 | 0 | 343,426 | 273,632 | 79.7% |
| SMART | 8216 | 87,123,020 | 11,695,407 | 150,114,881 | 224,200 | 249,157,508 | 181,133,704 | 72.7% |
| South Haven Area ESA | 8005 | 4,560,519 | 0 | 3,046,748 | 0 | 7,607,267 | 4,906,716 | 64.5% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| <u>Municipality Name</u> | <u>Number</u> | <u>Actuarial Accrued Liability</u> | | | | <u>Total Liability</u> | <u>Actuarial Value of Assets</u> | <u>Percent Funded</u> |
|------------------------------|---------------|------------------------------------|--------------------------------|--------------------------|---------------------------------|------------------------|----------------------------------|-----------------------|
| | | <u>Active Liability</u> | <u>Vested Former Liability</u> | <u>Retired Liability</u> | <u>Pending Refund Liability</u> | | | |
| South Haven, City of | 8001 | 11,113,042 | 1,049,823 | 16,993,834 | 68,974 | 29,225,673 | 23,916,774 | 81.8% |
| South Lyon, City of | 6315 | 9,032,087 | 857,272 | 5,686,596 | 14,710 | 15,590,665 | 10,787,327 | 69.2% |
| Southgate, City of | 8262 | 8,406,740 | 302,572 | 21,186,411 | 0 | 29,895,723 | 20,162,453 | 67.4% |
| Sparta, Vlg of | 4107 | 2,976,601 | 128,496 | 2,018,244 | 7,258 | 5,130,599 | 3,351,941 | 65.3% |
| Spring Lake Dist Lib | 7016 | 1,750,467 | 0 | 143,993 | 1,659 | 1,896,119 | 1,961,413 | 103.4% |
| Spring Lake, Vlg of | 7015 | 606,028 | 940,362 | 2,374,716 | 2,889 | 3,923,995 | 3,230,046 | 82.3% |
| Springfield, City of | 1303 | 974,327 | 1,310,765 | 8,060,351 | 30,240 | 10,375,683 | 6,940,505 | 66.9% |
| St Charles, Vlg of | 7308 | 1,203,812 | 64,973 | 3,110,161 | 0 | 4,378,946 | 2,544,413 | 58.1% |
| St Clair HC | 7715 | 10,743 | 0 | 790,486 | 0 | 801,229 | 364,984 | 45.6% |
| St Clair Shores HC | 5007 | 689,605 | 408,765 | 1,407,525 | 4,559 | 2,510,454 | 1,469,458 | 58.5% |
| St Clair, City of | 7703 | 4,700,198 | 612,537 | 17,233,097 | 0 | 22,545,832 | 12,968,260 | 57.5% |
| St Ignace, City of | 4904 | 4,671,919 | 398,179 | 6,909,125 | 569 | 11,979,792 | 7,390,244 | 61.7% |
| St Johns, City of | 1902 | 3,827,162 | 221,336 | 13,949,922 | 95 | 17,998,515 | 8,648,336 | 48.1% |
| St Joseph Co | 7803 | 17,265,190 | 3,528,339 | 23,853,198 | 41,160 | 44,687,887 | 41,940,693 | 93.9% |
| St Louis HC | 2908 | 786,238 | 0 | 252,095 | 0 | 1,038,333 | 924,356 | 89.0% |
| St Louis, City of | 2902 | 1,772,464 | 151,159 | 5,940,681 | 499 | 7,864,803 | 6,129,234 | 77.9% |
| Stambaugh Twp | 3615 | 117,897 | 0 | 43,447 | 0 | 161,344 | 97,738 | 60.6% |
| Standish, City of | 0601 | 126,833 | 68,482 | 2,541,646 | 0 | 2,736,961 | 1,753,414 | 64.1% |
| Stanton, City of CLD | 5903 | 0 | 0 | 55,048 | 0 | 55,048 | 100,551 | 182.7% |
| Stephenson, City of | 5504 | 601,920 | 0 | 56,970 | 0 | 658,890 | 389,324 | 59.1% |
| Sterling, Vlg of | 0605 | 173,136 | 0 | 40,633 | 0 | 213,769 | 328,282 | 153.6% |
| Stockbridge, Vlg of | 3316 | 699,813 | 19,465 | 341,950 | 13,937 | 1,075,165 | 669,435 | 62.3% |
| Sturgis HC | 7805 | 106,964 | 25,165 | 0 | 0 | 132,129 | 138,506 | 104.8% |
| Summit Twp | 3803 | 6,972,523 | 700,016 | 7,169,582 | 0 | 14,842,121 | 8,945,812 | 60.3% |
| Sumpster Twp | 8226 | 5,651,316 | 56,296 | 3,091,710 | 23,590 | 8,822,912 | 6,556,765 | 74.3% |
| Superior Chtr Twp | 8109 | 3,250,197 | 0 | 4,179,774 | 7,374 | 7,437,345 | 5,247,390 | 70.6% |
| Superior Dist Lib | 1702 | 307,472 | 0 | 523,651 | 5,252 | 836,375 | 1,316,864 | 157.4% |
| Superiorland Lib Coop | 5208 | 13,028 | 18,438 | 964,139 | 0 | 995,605 | 755,882 | 75.9% |
| Suttons Bay Bingham Fire A | 4506 | 1,109,833 | 33,628 | 0 | 0 | 1,143,461 | 731,871 | 64.0% |
| SW Mich Comm Amb Svcs | 1119 | 1,824,478 | 93,709 | 1,083,173 | 39,367 | 3,040,727 | 2,454,952 | 80.7% |
| SW Shiawassee ESA | 7611 | 883,049 | 39,432 | 62,066 | 3,232 | 987,779 | 1,005,997 | 101.8% |
| Swan Creek Twp | 7309 | 103,948 | 0 | 697,861 | 444 | 802,253 | 656,483 | 81.8% |
| Swartz Creek, City of | 2504 | 1,684,597 | 84,998 | 7,009,704 | 2,257 | 8,781,556 | 8,062,895 | 91.8% |
| Sylvan Lake, City of | 6314 | 1,631,057 | 20,853 | 1,300,830 | 18,918 | 2,971,658 | 2,015,543 | 67.8% |
| Tawas Police Auth | 3504 | 129,666 | 221,295 | 830,021 | 7,745 | 1,188,727 | 678,180 | 57.1% |
| Taylor HC | 8231 | 400,240 | 0 | 283,317 | 0 | 683,557 | 649,567 | 95.0% |
| The Lib Network | 8218 | 3,858,135 | 613,925 | 3,350,977 | 57,646 | 7,880,683 | 5,953,334 | 75.5% |
| Three Rivers, City of | 7801 | 7,162,272 | 1,671,298 | 9,552,616 | 42,580 | 18,428,766 | 13,091,226 | 71.0% |
| Tittabawassee, Twp of | 7322 | 2,087,891 | 113,718 | 1,178,890 | 2,353 | 3,382,852 | 3,293,595 | 97.4% |
| Traverse Area Dist Lib | 2807 | 3,432,086 | 23,286 | 3,771,835 | 11,497 | 7,238,704 | 5,785,135 | 79.9% |
| Traverse City Light & Power | 2811 | 7,746,195 | 185,670 | 22,303,340 | 0 | 30,235,205 | 17,770,404 | 58.8% |
| Traverse City, City of | 2801 | 10,807,228 | 1,140,981 | 27,057,592 | 0 | 39,005,801 | 24,800,735 | 63.6% |
| Trenton, City of | 8203 | 8,020,400 | 54,290 | 38,666,685 | 1,508 | 46,742,883 | 26,830,376 | 57.4% |
| Tri-County Aging Consortiun | 3307 | 4,697,142 | 1,131,840 | 3,298,975 | 0 | 9,127,957 | 8,578,103 | 94.0% |
| Trio Council on Aging Inc CL | 6507 | 0 | 23,129 | 266,979 | 0 | 290,108 | 298,009 | 102.7% |
| Tuscarora Twp | 1604 | 1,168,493 | 102,123 | 1,084,231 | 4,033 | 2,358,880 | 1,636,588 | 69.4% |
| Tuscola Co | 7902 | 14,416,025 | 1,447,282 | 18,915,467 | 172,788 | 34,951,562 | 34,607,082 | 99.0% |
| Tuscola Co CMH | 7907 | 8,868,037 | 549,706 | 6,779,120 | 272,084 | 16,468,947 | 15,191,655 | 92.2% |
| Tuscola Co Hlth Dpt | 7901 | 4,073,538 | 0 | 7,112,003 | 20,285 | 11,205,826 | 8,366,697 | 74.7% |
| Tuscola Co MCF | 7906 | 8,777,715 | 843,075 | 6,575,133 | 346,471 | 16,542,394 | 15,514,197 | 93.8% |
| Tuscola CRC | 7908 | 2,102,870 | 159,421 | 4,024,308 | 0 | 6,286,599 | 4,209,128 | 67.0% |
| Twin City Pub Safety Auth C | 3610 | 0 | 19,719 | 72,919 | 0 | 92,638 | 110,108 | 118.9% |
| Ubly, Vlg of | 3212 | 424,516 | 87,352 | 405,246 | 3,378 | 920,492 | 685,813 | 74.5% |
| Utica, City of | 5008 | 2,774,900 | 0 | 2,867,032 | 21,736 | 5,663,668 | 3,621,473 | 63.9% |
| Van Buren Co | 8006 | 18,911,096 | 1,550,755 | 16,185,675 | 281,371 | 36,928,897 | 25,259,981 | 68.4% |
| Van Buren Dist Lib | 8007 | 1,069,905 | 62,690 | 912,652 | 16,591 | 2,061,838 | 1,714,778 | 83.2% |
| Van Buren Twp | 8236 | 10,454,192 | 1,575,049 | 6,420,407 | 12,627 | 18,462,275 | 14,075,256 | 76.2% |
| Vassar, City of | 7903 | 1,049,722 | 432,060 | 5,934,852 | 16,395 | 7,433,029 | 4,731,424 | 63.7% |
| Vevay Twp | 3318 | 120,538 | 11,524 | 498,633 | 16,097 | 646,792 | 359,744 | 55.6% |
| Vicksburg Dist Lib | 3904 | 28,807 | 1,011 | 104,188 | 0 | 134,006 | 79,514 | 59.3% |
| Vicksburg, Vlg of | 3902 | 863,561 | 330,907 | 1,739,424 | 0 | 2,933,892 | 1,996,477 | 68.0% |
| Vienna, Chtr Twp of | 2522 | 535,984 | 0 | 1,339,804 | 0 | 1,875,788 | 1,201,282 | 64.0% |
| W Iron Co Swr Auth | 3612 | 231,017 | 0 | 952,234 | 0 | 1,183,251 | 597,786 | 50.5% |
| W Mich CMH Sys | 5304 | 1,583,272 | 933,531 | 2,814,002 | 23,165 | 5,353,970 | 4,587,201 | 85.7% |
| W Mich Shoreline Rgnl Dev | 6110 | 1,073,448 | 116,537 | 2,778,719 | 0 | 3,968,704 | 4,581,834 | 115.4% |
| W UP Dist Hlth Dept | 3101 | 2,616,621 | 2,184,500 | 9,943,346 | 158 | 14,744,625 | 9,453,693 | 64.1% |
| Wakefield, City of | 2701 | 1,121,088 | 71,678 | 3,680,193 | 18,281 | 4,891,240 | 2,581,487 | 52.8% |
| Walker, City of | 4112 | 10,918,723 | 398,233 | 11,943,896 | 0 | 23,260,852 | 13,920,494 | 59.8% |
| Walled Lake, City of | 6324 | 3,728,328 | 1,045,630 | 9,717,728 | 55,453 | 14,547,139 | 4,484,174 | 30.8% |
| Washtenaw Co | 8113 | 79,064,142 | 1,969,361 | 27,441,584 | 439,116 | 108,914,203 | 83,021,523 | 76.2% |

MERS 12/31/2016 Valuation – Results By Municipality – Appendix B

| | | Actuarial Accrued Liability | | | | | Actuarial | |
|-----------------------------|--------|-----------------------------|------------------|---------------|------------------|----------------|---------------|---------|
| Municipality Name | Number | Active | Vested | Retired | Pending | Total | Value of | Percent |
| | | Liability | Former Liability | Liability | Refund Liability | Liability | Assets | Funded |
| Washtenaw CRC | 8102 | 21,826,349 | 1,286,290 | 42,131,801 | 134,105 | 65,378,545 | 36,768,404 | 56.2% |
| Wayland, City of | 0304 | 2,243,446 | 274,784 | 5,329,447 | 0 | 7,847,677 | 5,642,887 | 71.9% |
| Wayne HC | 8252 | 167,323 | 0 | 668,637 | 0 | 835,960 | 618,555 | 74.0% |
| Wayne, City of | 8242 | 17,806,651 | 4,271,222 | 92,639,923 | 103,561 | 114,821,357 | 68,709,355 | 59.8% |
| Webberville, Vlg of | 3314 | 195,715 | 42,230 | 258,180 | 333 | 496,458 | 496,236 | 100.0% |
| West Branch Dist Lib | 6509 | 301,633 | 0 | 196,544 | 0 | 498,177 | 428,315 | 86.0% |
| West Branch, City of | 6505 | 1,338,610 | 162,995 | 4,249,618 | 13,358 | 5,764,581 | 3,908,892 | 67.8% |
| Westland, City of | 8211 | 31,227,634 | 3,517,952 | 101,097,486 | 34,007 | 135,877,079 | 58,038,689 | 42.7% |
| Westphalia, Vlg of | 1907 | 484,318 | 0 | 118,773 | 0 | 603,091 | 468,540 | 77.7% |
| Wexford Co | 8302 | 10,724,109 | 1,971,196 | 16,566,796 | 69,823 | 29,331,924 | 19,566,163 | 66.7% |
| Wexford CRC | 8303 | 6,427,460 | 965,000 | 7,027,914 | 14,215 | 14,434,589 | 10,643,445 | 73.7% |
| White Cloud Cmnty Lib | 6208 | 373,066 | 0 | 106,074 | 0 | 479,140 | 419,109 | 87.5% |
| White Cloud, City of | 6206 | 420,721 | 108,519 | 489,031 | 0 | 1,018,271 | 611,727 | 60.1% |
| White Cloud/Sherman Util | 6211 | 273,722 | 0 | 106,276 | 0 | 379,998 | 291,741 | 76.8% |
| White Lake Chtr Twp | 6325 | 14,877,777 | 750,181 | 14,924,070 | 154,446 | 30,706,474 | 22,700,058 | 73.9% |
| White Pigeon, Vlg of | 7804 | 70,930 | 117,131 | 71,353 | 628 | 260,042 | 232,746 | 89.5% |
| White Pine District Library | 5904 | 76,637 | 0 | 181,788 | 0 | 258,425 | 132,361 | 51.2% |
| Whitehall, City of | 6105 | 2,214,048 | 59,334 | 3,887,102 | 0 | 6,160,484 | 4,525,715 | 73.5% |
| Willard Pub Lib | 1308 | 2,973,076 | 106,220 | 612,761 | 8,396 | 3,700,453 | 3,355,914 | 90.7% |
| Williamston, City of | 3310 | 1,880,373 | 249,746 | 2,804,947 | 15,925 | 4,950,991 | 3,359,568 | 67.9% |
| Wixom, City of | 6316 | 12,199,461 | 1,079,419 | 21,464,007 | 16,219 | 34,759,106 | 19,735,804 | 56.8% |
| Wolverine Lake, Vlg of | 6329 | 1,154,688 | 354,358 | 1,765,564 | 21,372 | 3,295,982 | 1,920,090 | 58.3% |
| WUPPDR | 3108 | 88,304 | 48,148 | 1,277,099 | 0 | 1,413,551 | 1,262,253 | 89.3% |
| Ypsilanti Cmnty Util Auth | 8106 | 19,836,513 | 1,747,423 | 32,642,831 | 25,322 | 54,252,089 | 31,385,631 | 57.9% |
| Ypsilanti HC | 8115 | 46,239 | 117,682 | 722,726 | 16,367 | 903,014 | 811,966 | 89.9% |
| Ypsilanti, City of | 8101 | 6,073,540 | 650,969 | 7,710,643 | 125,512 | 14,560,664 | 19,289,792 | 132.5% |
| Ypsilanti, Twp of | 8104 | 10,281,373 | 932,712 | 10,657,038 | 90,840 | 21,961,963 | 15,896,585 | 72.4% |
| Totals - Active Groups | 720 | 4,553,563,602 | 543,973,009 | 8,540,386,772 | 24,394,583 | 13,662,317,966 | 9,115,953,878 | |
| Totals - Closed Groups | 15 | 0 | 2,854,875 | 14,613,634 | 44,107 | 17,512,616 | 19,766,121 | |
| Totals - MERS | 735 | 4,553,563,602 | 546,827,884 | 8,555,000,406 | 24,438,690 | 13,679,830,582 | 9,135,719,999 | |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | Amortization | <u>Normal</u> | Amortization | <u>Total</u> |
|--------------------------------|---------------|--------------------------------|---------------|----------------------------|---------------------|
| | | Period(s) for | | Payment ² | |
| | | <u>Initial UAL¹</u> | <u>Cost</u> | <u>Payment²</u> | <u>Contribution</u> |
| 21st Dist Ct | 8243 | 22 | 42,372 | 69,528 | 111,900 |
| 23rd Jud Dist Ct | 8223 | 22 | 24,264 | 66,312 | 90,576 |
| 26th Jud Cir Ct | 0403 | 22 | 50,028 | 24,756 | 74,784 |
| 34th Dist Ct | 8235 | 22 | 182,508 | 259,560 | 442,068 |
| 35th Dist Ct | 8234 | 22 | (19,680) | 141,672 | 121,992 |
| 41 B Dist Ct | 5014 | 22 | 128,616 | 151,476 | 280,092 |
| Addison Fire Dept | 4607 | 22 | 10,188 | 1,944 | 12,132 |
| Adrian, City of | 4601 | 22, 3 | 494,376 | 1,489,728 | 1,984,104 |
| Aitkin Memorial Dist Lib | 7407 | 18 | 0 | 0 | 0 |
| Albion, City of | 1301 | 22, 14, 4, 3 | 113,124 | 59,268 | 172,392 |
| Alcona Co | 0101 | 22, 7 | 208,632 | 437,700 | 646,332 |
| Alger Co | 0203 | 22, 12, 3 | 187,512 | 264,288 | 451,800 |
| Alger CRC | 0201 | 22 | 105,516 | 224,880 | 330,396 |
| Algonac, City of | 7707 | 22 | 48,984 | 92,544 | 141,528 |
| Allegan Co | 0302 | 17, 4, 3 | 328,512 | 1,066,620 | 1,395,132 |
| Allegan CRC | 0301 | 22 | 149,604 | 669,264 | 818,868 |
| Allegan, City of | 0309 | 22, 4 | 89,376 | 114,492 | 203,868 |
| Alma, City of | 2901 | 22, 7, 3 | 177,072 | 507,300 | 684,372 |
| Almont, Vlg of | 4407 | 22 | 41,364 | 51,300 | 92,664 |
| Alpena Co | 0401 | 22, 8 | 253,668 | 546,300 | 799,968 |
| Alpena CRC | 0402 | 15 | 72,900 | 336,204 | 409,104 |
| Alpena HC | 0406 | 22 | 41,220 | (2,448) | 38,772 |
| Alpena Sr Citizens Ctr | 0404 | 8 | 0 | 95,616 | 95,616 |
| Alpha, Vlg of | 3614 | 22 | 1,560 | (2,100) | 0 |
| Antrim Co | 0502 | 22, 20 | 899,904 | 872,388 | 1,772,292 |
| Antrim CRC | 0501 | 22 | 182,016 | 478,944 | 660,960 |
| Arenac Co | 0603 | 18, 6, 3 | 121,728 | 637,164 | 758,892 |
| Arenac CRC | 0604 | 22 | 19,080 | 289,452 | 308,532 |
| Ash Twp | 5804 | 22 | 21,792 | 28,476 | 50,268 |
| Au Gres, City of | 0602 | 8 | 5,880 | 90,984 | 96,864 |
| Auburn, City of | 0905 | 20 | 192 | 70,872 | 71,064 |
| Bad Axe Area Dist Lib | 3214 | 22 | 4,452 | 1,572 | 6,024 |
| Bad Axe, City of | 3211 | 22 | 51,528 | 235,008 | 286,536 |
| Bancroft, Vlg of | 7610 | 20 | 0 | 4,620 | 4,620 |
| Bangor, City of | 8003 | 22 | 23,124 | (63,648) | 0 |
| Baraga Co | 0702 | 22 | 131,628 | 158,940 | 290,568 |
| Baraga Co Memorial Hosp | 0703 | 8, 3 | 140,904 | 1,425,300 | 1,566,204 |
| Baraga CRC | 0701 | 22 | 50,892 | 267,888 | 318,780 |
| Baraga, Vlg of | 0704 | 22 | 56,052 | 148,308 | 204,360 |
| Baroda Lake Twp Police Dept | 1109 | 22 | 22,356 | 5,160 | 27,516 |
| Barry Co | 0802 | 22, 5, 3 | 1,335,528 | 1,052,736 | 2,388,264 |
| Barry Co CMH Auth | 0804 | 10 | 322,164 | 176,820 | 498,984 |
| Bary Eaton Dist Hlth Dept | 2303 | 22 | 100,020 | 378,024 | 478,044 |
| Barton Hills, Vlg of | 8107 | 16 | 5,796 | 19,740 | 25,536 |
| Bates Twp | 3616 | 16 | 0 | 13,560 | 13,560 |
| Bath Chtr Twp | 1909 | 22 | 42,036 | 114,732 | 156,768 |
| Battle Creek, City of | 1302 | 22, 18, 14 | 1,629,360 | 4,001,052 | 5,661,396 |
| Bay Area Trans Auth | 2810 | 22 | 315,552 | (4,512) | 311,040 |
| Bay City HC | 0906 | 3 | 48,528 | 6,420 | 54,948 |
| Bay City, City of | 0901 | 22, 18, 3 | 164,016 | 5,619,924 | 5,783,940 |
| Bay Metro Trans Auth | 0907 | 22 | 401,604 | 531,960 | 933,564 |
| Beecher Metro Dist Swg&Wtr | 2501 | 17, 5 | 46,560 | 286,488 | 333,048 |
| Belding, City of | 3410 | 22 | 18,696 | 81,108 | 99,804 |
| Belleville, City of | 8213 | 22 | 65,184 | 282,504 | 347,688 |
| Benton Harbor, City of | 1120 | 20 | 49,392 | 1,272,360 | 1,321,752 |
| Benzie Co | 1003 | 22 | 221,976 | 411,132 | 633,108 |
| Benzie Co Comm on Aging | 1006 | 22 | 40,512 | 29,160 | 69,672 |
| Benzie Co MCF (The Maples) | 1004 | 22 | 197,172 | 112,560 | 309,732 |
| Benzie CRC | 1001 | 22 | 76,116 | 324,516 | 400,632 |
| Benzie Shores Dist Lib | 1005 | 22 | 4,248 | (2,352) | 1,896 |
| Benzie Trans Auth | 1007 | 22 | 45,528 | (11,544) | 33,984 |
| Benzie/Leelanau Dist Hlth Dept | 4504 | 7 | 20,484 | 37,272 | 57,756 |
| Berkley, City of | 6304 | 22 | 199,560 | 571,572 | 806,808 |
| Berrien Springs, Vlg of | 1102 | 22 | 27,840 | 3,228 | 31,068 |
| Bessemer, City of | 2702 | 22 | 54,096 | 57,204 | 111,300 |
| Beverly Hills, Vlg of | 6321 | 19, 17 | 265,776 | 225,624 | 491,400 |
| Big Rapids HC | 5406 | 8 | 13,212 | 62,724 | 75,936 |
| Big Rapids, City of | 5402 | 12, 8 | 44,160 | 581,340 | 625,500 |
| Bingham Farms, Vlg of | 6332 | 22 | 12,156 | 3,168 | 15,324 |
| Birch Run, Vlg of | 7315 | 22 | 19,680 | 10,440 | 30,120 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> | |
|--------------------------------|---------------|----------------------|--------------------------------|---------------|---------------------|---------------------|-------------|
| | | <u>Period(s) for</u> | <u>Initial UAL¹</u> | | | | <u>Cost</u> |
| | | | | | | <u>Contribution</u> | |
| Bishop Intl Arpt Auth | 2507 | 22 | | 212,664 | | 157,008 | 369,672 |
| Blackman Chtr Twp | 3806 | 22 | | (24,288) | | 347,232 | 322,944 |
| Blissfield, Vlg of | 4606 | 22 | | 116,076 | | 35,136 | 151,212 |
| Bloomfield Hills, City of | 6302 | 18, 6, 4 | | 238,092 | | 483,180 | 721,272 |
| Blue Water Area Trans Comm | 7709 | 22 | | 333,720 | | 178,392 | 512,112 |
| Boyne City HC | 1508 | 22 | | 17,268 | | 31,428 | 48,696 |
| Boyne City, City of | 1506 | 22, 6 | | 51,828 | | 381,528 | 433,356 |
| Branch Co | 1205 | 22, 20, 19 | | 438,864 | | 975,996 | 1,414,860 |
| Branch-Hillsdale-St Joseph Com | 1202 | 19 | | 162,720 | | 141,840 | 304,560 |
| Brandon Chtr Twp of | 6333 | 22 | | 103,056 | | 99,828 | 203,196 |
| Breckenridge, Vlg of | 2906 | 22 | | 10,176 | | 97,776 | 107,952 |
| Bridgeport Chtr Twp | 7307 | 22 | | 156,072 | | 215,904 | 371,976 |
| Bridgman, City of | 1110 | 22 | | 44,724 | | 33,936 | 78,660 |
| Brighton Area Fire Auth | 4715 | 16 | | 8,460 | | 288 | 8,748 |
| Brighton, Chtr Twp of | 4711 | 22 | | 28,728 | | 9,504 | 38,232 |
| Brighton, City of | 4704 | 22 | | 260,052 | | 590,148 | 850,200 |
| Britton, Vlg of | 4604 | 22 | | 1,404 | | (23,724) | 0 |
| Bronson, City of | 1204 | 22 | | (15,024) | | 62,340 | 47,316 |
| Brooklyn, Vlg of | 3801 | 22 | | 23,868 | | 25,356 | 49,224 |
| Brownstown, Chtr Twp of | 8247 | 22 | | 470,028 | | 500,004 | 970,032 |
| Buchanan Dist Lib | 1108 | 22 | | 6,972 | | (3,360) | 3,612 |
| Buchanan, City of | 1101 | 22, 3 | | 88,248 | | 97,380 | 185,628 |
| Buena Vista Chtr Twp | 7312 | 22, 3 | | 164,616 | | 260,184 | 424,800 |
| Burton, City of | 2508 | 22 | | 230,808 | | 2,132,580 | 2,363,388 |
| Butman Twp CLD | 2604 | | | 0 | | 4,788 | 4,788 |
| Cadillac, City of | 8301 | 22, 20 | | 259,584 | | 184,488 | 449,940 |
| Cadillac/Wexford Trans Auth | 8305 | 22 | | 71,208 | | 45,612 | 116,820 |
| Calhoun Co | 1311 | 22, 20, 17 | | 879,156 | | 2,621,784 | 3,500,940 |
| Calhoun Co Conso Dispatch Auth | 1316 | 15 | | 56,352 | | (21,912) | 34,440 |
| Canton Pub Lib | 8232 | 22 | | 52,740 | | (1,548) | 51,192 |
| Canton, Chtr Twp of | 8233 | 22, 18, 17 | | 1,939,896 | | 3,076,728 | 5,016,624 |
| Capac, Vlg of | 7705 | 22, 19 | | 13,644 | | 159,588 | 173,232 |
| Capital Area Dist Lib | 3317 | 22 | | 267,864 | | 78,636 | 346,500 |
| Capital Region Arprt Auth | 3305 | 22, 20 | | 255,144 | | 286,932 | 542,076 |
| Carleton, Vlg of | 5805 | 22 | | 15,804 | | 26,196 | 42,000 |
| Carrollton Twp | 7320 | 22 | | 79,680 | | 69,552 | 149,232 |
| Cascade Chtr Twp | 4110 | 22 | | 194,688 | | 140,352 | 335,040 |
| Caseville, City of | 3207 | 22 | | 41,940 | | 47,496 | 89,436 |
| Caspian, City of | 3608 | 19 | | 10,632 | | 51,636 | 62,268 |
| Cass Co | 1402 | 22 | | 463,956 | | 599,796 | 1,063,752 |
| Cass Co MCF | 1403 | 22 | | 121,008 | | 23,028 | 144,036 |
| Cass Dist Lib | 1404 | 22 | | 22,728 | | 4,692 | 27,420 |
| Cedar Springs, City of | 4105 | 22, 18 | | 25,668 | | 45,060 | 70,728 |
| Center Line, City of | 5001 | 22 | | 24,648 | | 293,388 | 319,152 |
| Central Lake, Vlg of | 0504 | 22 | | 18,504 | | 456 | 18,960 |
| Central Mich Dist Hlth Dept | 3705 | 7 | | 120,072 | | 1,076,436 | 1,196,508 |
| Charlevoix Co | 1503 | 22, 19 | | 1,100,484 | | 823,308 | 1,923,792 |
| Charlevoix CRC | 1501 | 22 | | 157,524 | | 179,796 | 337,320 |
| Charlevoix, City of | 1505 | 22 | | 136,836 | | 330,252 | 467,088 |
| Charlotte Dist Lib | 2309 | 22 | | 20,784 | | 35,784 | 56,568 |
| Charlotte, City of | 2301 | 22 | | 168,948 | | 626,268 | 795,216 |
| Cheboygan Co | 1603 | 22 | | 500,220 | | 533,916 | 1,034,136 |
| Cheboygan CRC | 1601 | 22, 19 | | 168,108 | | 792,000 | 960,108 |
| Cheboygan, City of | 1602 | 22 | | 92,160 | | 266,664 | 358,824 |
| Chelsea Area Fire Auth | 8118 | 22 | | 29,064 | | (1,860) | 27,204 |
| Chelsea, City of | 8103 | 3 | | 22,116 | | 893,664 | 915,780 |
| Chesaning, Vlg of | 7313 | 22, 20, 4 | | 6,648 | | 223,860 | 230,592 |
| Chesterfield Twp | 5009 | 22 | | 674,016 | | 642,540 | 1,316,556 |
| Chesterfield Twp Lib | 5010 | 22 | | 17,076 | | (31,020) | 0 |
| Chikaming Twp | 1112 | 22 | | 27,444 | | 51,324 | 78,768 |
| Chippewa Co | 1703 | 22, 20 | | 622,620 | | 975,564 | 1,598,484 |
| Chippewa CRC | 1704 | 22 | | 304,704 | | 658,164 | 962,868 |
| Chippewa River Dist Lib | 3707 | 22 | | 58,572 | | 26,568 | 85,140 |
| Chocolay, Chtr Twp of | 5218 | 5 | | 29,232 | | (3,408) | 25,824 |
| Clare Co | 1802 | 20 | | 353,736 | | 479,580 | 833,316 |
| Clare Co Trans Auth | 1806 | 22 | | 15,804 | | 6,264 | 22,068 |
| Clare CRC | 1801 | 22 | | 117,696 | | 270,432 | 388,128 |
| Clare, City of | 1804 | 22 | | 95,100 | | 233,004 | 328,104 |
| Clawson, City of | 6305 | 11, 8 | | 84,960 | | 1,725,984 | 1,810,944 |
| Clay Twp | 7706 | 22 | | 125,592 | | 242,748 | 368,844 |
| Clearwater Twp | 4005 | 22 | | 5,148 | | 1,836 | 6,984 |
| Clinton Co | 1903 | 19, 18, 12, 10, 8 | | 672,924 | | 292,476 | 965,400 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|--------------------------------|---------------|----------------------------|---------------------|
| | | <u>Period(s) for</u> | <u>Cost</u> | <u>Payment²</u> | <u>Employer</u> |
| | | <u>Initial UAL¹</u> | | | <u>Contribution</u> |
| Clinton CRC | 1901 | 22, 20 | 186,360 | 574,356 | 760,716 |
| Clinton Twp | 5002 | 22, 20 | 664,776 | 1,968,684 | 2,634,036 |
| Clinton, Vlg of | 4602 | 22 | 55,044 | 9,096 | 64,140 |
| Clinton-Eaton-Ingham CMH | 3308 | 22, 20, 3 | 3,003,600 | 3,186,552 | 6,190,152 |
| Clio, City of | 2523 | 22 | 57,900 | 28,368 | 86,268 |
| CMH for Central Mich | 3708 | 22 | 2,077,980 | 967,344 | 3,045,324 |
| Coldwater Brd of Pub Util | 1203 | 12, 9 | 79,872 | 577,632 | 657,504 |
| Coldwater, City of | 1201 | 17, 8 | 50,940 | 548,712 | 599,652 |
| Coleman, City of | 5603 | 22 | 22,776 | 66,432 | 89,208 |
| Coloma Chtr Twp | 1107 | 22 | 24,720 | 58,332 | 83,052 |
| Coloma, City of | 1118 | 22 | 8,712 | 8,196 | 16,908 |
| Columbiaville, Vlg of | 4406 | 22 | 5,064 | 8,340 | 13,404 |
| Constantine, Vlg of | 7806 | 22 | 5,112 | (2,712) | 2,400 |
| Coopersville Area Dist Lib | 7011 | 22, 18 | 1,500 | 18,792 | 20,292 |
| Coopersville, City of | 7005 | 22 | 50,268 | 40,800 | 91,068 |
| Corunna City of | 7604 | 22, 6 | 65,124 | 189,288 | 254,412 |
| Corwith Twp | 6904 | 22 | 396 | 216 | 612 |
| Covert Twp | 8010 | 22 | 40,008 | 30,564 | 70,572 |
| Crawford Co | 2001 | 17, 10, 8, 7 | 165,972 | 13,212 | 179,184 |
| Crawford Co Trans Auth | 2004 | 22 | 65,508 | 103,572 | 169,080 |
| Crawford CRC | 2002 | 22, 16 | 120,816 | 407,208 | 528,024 |
| Croswell, City of | 7401 | 22 | 126,936 | 333,252 | 460,188 |
| Crystal Falls Cmnty Hosp CLD | 3618 | | 0 | 85,704 | 85,704 |
| Crystal Falls, City of | 3603 | 15, 14 | 67,248 | 339,036 | 406,284 |
| Ctrl Dispatch of Muskegon Co | 6109 | 22 | 90,180 | 65,664 | 155,844 |
| Ctrl Wayne Co Sanitation Auth | 8214 | 3 | 0 | 155,304 | 155,304 |
| Davison Richfield Sr CCA | 2525 | 22 | 2,964 | 9,420 | 12,384 |
| Davison Twp | 2519 | 22 | 129,636 | 257,340 | 386,976 |
| Davison, City of | 2516 | 22, 16 | 127,920 | 422,064 | 549,984 |
| Dearborn, City of | 8251 | 22 | 1,310,928 | (77,952) | 1,232,976 |
| Deerfield, Vlg of | 4603 | 22 | 18,456 | 32,436 | 50,892 |
| Delta Area Transit Auth | 2107 | 22 | 10,308 | 432 | 10,740 |
| Delta Chtr Twp | 2306 | 22 | 94,572 | 192,576 | 287,148 |
| Delta Co | 2102 | 19, 16, 14, 13, 12, 8 | 302,184 | 1,111,668 | 1,413,852 |
| Delta CRC | 2105 | 22 | 123,264 | 390,048 | 513,312 |
| Delta-Menominee Dist Hlth Dept | 2103 | 22 | 180,852 | 59,016 | 239,868 |
| Detour, Vlg of | 1706 | 22 | 14,844 | 20,220 | 35,064 |
| Detroit HC | 8241 | 22, 20, 16 | 434,556 | 48,168 | 482,724 |
| DeWitt Chtr Twp | 1910 | 22 | 67,368 | 109,572 | 176,940 |
| DeWitt, City of | 1908 | 22 | 59,748 | 180,888 | 240,636 |
| Dexter Area Fire Dept | 8219 | 22 | 36,132 | 47,688 | 83,820 |
| Dexter Twp | 8111 | 22 | 5,856 | 12,144 | 18,000 |
| Dexter, City of | 8217 | 15 | 24,744 | 60,336 | 85,080 |
| Dickinson Co | 2206 | 22, 19 | 347,220 | 984,432 | 1,331,652 |
| Dickinson CRC | 2203 | 17, 12 | 92,568 | 449,472 | 542,040 |
| Dickinson-Iron Dist Hlth Dept | 3605 | 22, 7, 3 | 84,048 | 436,920 | 520,968 |
| Dimondale, Vlg of | 2304 | 22 | 10,380 | 12,288 | 22,668 |
| Dist Hlth Dept # 2 | 6501 | 3 | 28,368 | 517,056 | 545,424 |
| Dist Hlth Dept # 4 | 7103 | 22 | 83,652 | 514,668 | 598,320 |
| Dist Hlth Dept #10 | 5104 | 22, 19 | 375,768 | 805,608 | 1,181,376 |
| Douglas, City of Vlg of | 0303 | 22 | 99,780 | 40,296 | 140,076 |
| Dowagiac Dist Lib | 1406 | 22 | 7,836 | (144) | 7,692 |
| Dowagiac HC | 1405 | 22 | 16,800 | (4,488) | 12,312 |
| Dowagiac, City of | 1401 | 22 | 159,312 | 706,164 | 865,476 |
| Drummond Island Twp | 1708 | 22 | 12,756 | 2,424 | 15,180 |
| Dryden, Vlg of | 4405 | 22 | 3,504 | 9,264 | 12,768 |
| Dundee, Vlg of | 5803 | 22 | 11,016 | 108,192 | 119,208 |
| Durand, City of | 7603 | 22 | 82,944 | 147,108 | 230,052 |
| E UP Reg Planning & Dev Comm | 1709 | 22 | 16,824 | (10,260) | 6,564 |
| E UP Trans Auth | 1705 | 22 | 134,052 | 443,400 | 577,452 |
| East China Chtr Twp | 7701 | 22 | 85,284 | 227,520 | 312,804 |
| East Grand Rapids, City of | 4101 | 8 | 35,316 | 1,332,024 | 1,367,340 |
| East Jordan, City of | 1504 | 22 | 60,660 | 110,340 | 171,000 |
| East Lansing, City of | 3301 | 22, 8, 7, 3 | 1,868,496 | 6,362,796 | 8,231,292 |
| Eastpointe HC | 5011 | 22 | 22,752 | 14,568 | 37,320 |
| Eastpointe, City of | 5019 | 23, 21 | 607,896 | 3,005,448 | 3,613,344 |
| Eaton Co | 2302 | 22, 17 | 1,302,612 | 4,729,488 | 6,032,100 |
| Eaton Co Hlth & Rehab Svcs | 2305 | 22 | 436,092 | 89,592 | 525,684 |
| Eaton Rapids, City of | 2307 | 22 | 142,596 | 393,600 | 536,196 |
| Eau Claire, Vlg of | 1104 | 22 | 0 | 24,132 | 24,132 |
| Ecorse, City of | 8206 | 22, 17, 6, 5, 3 | 126,600 | 2,300,676 | 2,427,276 |
| Elk Rapids, Vlg of | 0506 | 22 | 65,724 | 41,016 | 106,740 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|----------------------|--------------------------------|---------------|---------------------|---------------------|
| | | <u>Period(s) for</u> | <u>Initial UAL¹</u> | | | |
| | | | | | | <u>Contribution</u> |
| Elkton, Vlg of | 3206 | 3 | | 1,836 | 42,456 | 44,292 |
| Elsie, Vlg of CLD | 1906 | | | 0 | 8,964 | 8,964 |
| Emmet CRC | 2401 | 8 | | 59,400 | 650,280 | 709,680 |
| Emmett, Chtr Twp | 1310 | 22 | | 18,132 | 81,912 | 100,044 |
| Erie, Twp of | 5812 | 22 | | 8,952 | (1,536) | 7,416 |
| Escanaba, City of | 2101 | 22, 13, 12, 11 | | 188,760 | 1,589,592 | 1,778,352 |
| Essexville, City of | 0903 | 22, 17, 15, 3 | | 68,700 | 208,776 | 277,476 |
| Ewart Local Dev Finance Auth | 6706 | 22 | | 3,864 | 18,948 | 22,812 |
| Ewart, City of | 6705 | 22 | | 34,344 | 31,560 | 65,904 |
| Farmington Cmnty Lib | 6319 | 3 | | 22,332 | 2,508 | 24,840 |
| Farmington, City of | 6343 | 20, 12, 10 | | 363,180 | 370,260 | 733,440 |
| Farwell, Vlg of | 1805 | 22 | | 12,120 | 11,292 | 23,412 |
| Fenton, City of | 2505 | 22, 7, 3 | | 275,256 | 473,244 | 748,500 |
| Ferndale HC | 6345 | 22 | | 8,316 | 22,704 | 31,020 |
| Ferrysburg, City of | 7106 | 18 | | 20,424 | 45,228 | 65,652 |
| Flat Rock, City of | 8212 | 22 | | 159,672 | 930,072 | 1,105,728 |
| Flint Pub Lib | 2518 | 22 | | 62,820 | (22,644) | 40,176 |
| Flint, Chtr Twp of | 2512 | 22 | | 193,692 | 803,988 | 997,680 |
| Flint, City of | 2530 | 27 | | 969,144 | 21,371,004 | 22,340,148 |
| Flushing, Chtr Twp of | 2515 | 22 | | 38,364 | 135,516 | 173,880 |
| Flushing, City of | 2502 | 22, 10 | | 115,056 | 823,404 | 938,460 |
| Forsyth Twp | 5212 | 22, 10 | | 89,292 | 222,048 | 311,340 |
| Fowler, Vlg of | 1904 | 22 | | 13,236 | 6,912 | 20,148 |
| Fowlerville Dist Lib | 4710 | 22 | | 16,164 | 3,036 | 19,200 |
| Fowlerville, Vlg of | 4705 | 20 | | 8,808 | 47,712 | 56,520 |
| Frankenmuth Wickson Dist Lib | 7323 | 18 | | 5,364 | 3,060 | 8,424 |
| Frankenmuth, City of | 7306 | 22 | | 106,944 | 298,860 | 405,804 |
| Frankfort, City of | 1002 | 22 | | 40,404 | 119,724 | 160,128 |
| Franklin, Vlg of | 6323 | 22 | | 50,460 | 214,728 | 283,512 |
| Fraser, City of | 5003 | 22, 3 | | 678,060 | 2,005,080 | 2,683,140 |
| Fremont Area Dist Lib | 6209 | 22 | | 31,128 | 25,464 | 56,592 |
| Fremont, City of | 6203 | 22 | | 168,804 | 355,668 | 524,472 |
| Gaastra, City of | 3617 | 22 | | 6,564 | 8,496 | 15,060 |
| Garden City, City of | 8255 | 22, 20, 11 | | 541,536 | 2,213,040 | 2,754,576 |
| Gaylord, City of | 6903 | 22 | | 165,108 | 396,576 | 561,684 |
| Genesee Chtr Twp | 2510 | 22 | | 226,884 | 627,336 | 854,220 |
| Genoa Twp | 4713 | 22 | | 22,308 | 5,400 | 27,708 |
| Gerald R Ford Intl Airport Aut | 4116 | 23 | | 533,724 | (386,868) | 146,856 |
| Gladstone, City of | 2106 | 12, 8 | | 59,892 | 879,912 | 939,804 |
| Gladwin City HC | 2608 | 22 | | 37,764 | 67,620 | 105,384 |
| Gladwin Co | 2602 | 22 | | 289,836 | 495,684 | 785,520 |
| Gladwin Co Dist Lib | 2607 | 22 | | 17,040 | 7,260 | 24,300 |
| Gladwin CRC | 2601 | 22 | | 108,468 | 512,604 | 621,072 |
| Gladwin, City of | 2605 | 22 | | 57,636 | 11,736 | 69,372 |
| Gogebic-Iron WWTR Auth | 2703 | 22 | | 39,444 | 64,104 | 103,548 |
| Grand Beach, Vlg of | 1117 | 22 | | 30,492 | 204 | 30,696 |
| Grand Blanc Chtr Twp | 2511 | 22, 4 | | 213,192 | 779,364 | 992,556 |
| Grand Blanc, City of | 2513 | 20 | | 116,616 | 1,524 | 118,140 |
| Grand Haven, City of | 7010 | 22, 5, 4 | | 680,568 | 1,805,916 | 2,486,484 |
| Grand Ledge Area Dist. Library | 2316 | 22 | | 5,052 | 72 | 5,124 |
| Grand Ledge Area ESA | 2310 | 22 | | 52,824 | 12,360 | 65,184 |
| Grand Ledge, City of | 2312 | 22 | | 23,580 | 91,212 | 114,792 |
| Grand Rapids HC | 4108 | 3 | | 8,856 | 194,268 | 203,124 |
| Grand Traverse Co | 2803 | 19, 11 | | 372,612 | 5,733,552 | 6,106,164 |
| Grand Traverse CRC | 2802 | 3 | | 8,688 | 801,492 | 810,180 |
| Grand Traverse Pavilions | 2809 | 22 | | 785,544 | 574,584 | 1,360,128 |
| Grandville, City of | 4102 | 8 | | 63,420 | 1,147,428 | 1,210,848 |
| Gratiot Co | 2905 | 3 | | 197,232 | 1,563,468 | 1,760,700 |
| Gratiot CRC | 2903 | 22 | | 187,284 | 493,008 | 680,292 |
| Grayling, City of | 2003 | 17, 15, 6 | | 32,688 | 255,312 | 288,000 |
| Green Oak Chtr Twp | 4708 | 22 | | 97,296 | 214,656 | 311,952 |
| Greenville, City of | 5906 | 22 | | (51,576) | 116,832 | 65,256 |
| Grosse Ile Twp | 8207 | 22 | | 426,036 | 919,200 | 1,345,236 |
| Grosse Pointe Park, City of | 8201 | 22 | | 339,168 | 1,403,796 | 1,742,964 |
| Grosse Pointe-Clinton Ref CLD | 5004 | | | 0 | 92,496 | 92,496 |
| Groveland Twp | 6335 | 22 | | 38,724 | (14,160) | 24,828 |
| Hackley Pub Lib | 6114 | 22 | | 24,276 | 5,904 | 30,180 |
| Hamburg Twp | 4709 | 22 | | 79,884 | 107,028 | 186,912 |
| Hamtramck HC | 8250 | 22 | | 119,964 | 61,668 | 181,632 |
| Hamtramck, City of | 8205 | 22, 14, 8 | | 81,180 | 4,584,660 | 4,666,848 |
| Hancock, City of | 3107 | 22 | | 53,688 | 102,072 | 155,760 |
| Harbor Beach, City of | 3201 | 22, 16, 10 | | 61,596 | 163,188 | 224,784 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|-----------------------|--------------------------------|---------------|---------------------|---------------------|
| | | <u>Period(s) for</u> | <u>Initial UAL¹</u> | | | |
| | | | | | | <u>Contribution</u> |
| Harbor Springs Area Swg Auth | 2406 | 22 | | 24,084 | 8,532 | 32,616 |
| Harbor Springs, City of | 2405 | 22 | | 72,012 | 155,268 | 227,280 |
| Harper Woods, City of | 8260 | 23, 21 | | 234,828 | 2,032,716 | 2,267,544 |
| Harrison Dist Lib | 1807 | 22 | | 5,580 | 6,084 | 11,664 |
| Harrison, City of | 1803 | 22 | | 44,352 | 70,032 | 114,384 |
| Hartland Deerfield Fire Auth | 4716 | 18 | | 32,244 | 4,884 | 37,128 |
| Hastings, City of | 0801 | 22, 15 | | 155,580 | 537,504 | 694,476 |
| Hazel Park, City of | 6336 | 22 | | 407,976 | 2,344,092 | 2,752,068 |
| Helen Newberry Joy Hosp | 4805 | 8 | | 75,732 | 776,100 | 851,832 |
| Henika Dist Lib | 0310 | 22 | | 4,896 | (3,192) | 1,704 |
| Herrick Dist Lib | 7012 | 22 | | 136,812 | 128,628 | 265,440 |
| Hesperia, Vlg of | 6214 | 19 | | 0 | 0 | 0 |
| Hiawatha Bhvrl Hlth | 1707 | 15, 11, 9, 8 | | 67,200 | 574,644 | 641,844 |
| Hillsdale Co | 3005 | 22 | | (58,692) | 228,516 | 169,824 |
| Hillsdale CRC | 3004 | 22 | | 79,164 | 301,260 | 380,424 |
| Hillsdale HC | 3007 | 22 | | 13,356 | (2,844) | 10,512 |
| Hillsdale, City of | 3001 | 22, 19, 3 | | 238,548 | 220,908 | 575,280 |
| Hlth Source of Saginaw | 7311 | 15, 14, 12, 10, 3 | | 400,296 | 1,179,168 | 1,579,464 |
| Holland Area Cmnty Pool Auth | 7014 | 19, 18 | | 33,060 | (1,992) | 31,068 |
| Holland Cmnty Hosp CLD | 7006 | | | 0 | 46,968 | 46,968 |
| Holland, City of | 7001 | 22, 10, 8, 4 | | 871,980 | 1,854,132 | 2,726,112 |
| Holly, Vlg of | 6317 | 22 | | 171,384 | 458,040 | 629,424 |
| Homer, Vlg of | 1304 | 22 | | 35,340 | 18,480 | 53,820 |
| Houghton Co | 3102 | 22, 20 | | 339,660 | 756,408 | 1,096,068 |
| Houghton CRC | 3103 | 22 | | 68,988 | 107,124 | 176,112 |
| Houghton Lake Pub Lib | 7203 | 22 | | 29,952 | 336 | 30,288 |
| Houghton, City of | 3109 | 10 | | 143,940 | 69,144 | 213,084 |
| Howard City, Vlg of | 5902 | 6 | | 7,200 | 34,440 | 41,640 |
| Howard Twp | 1106 | 22 | | 5,688 | 2,088 | 7,776 |
| Howell Area Fire Auth | 4714 | 22, 14 | | 43,500 | 3,144 | 46,644 |
| Howell, City of | 4702 | 22 | | 278,724 | 713,616 | 992,340 |
| Howell-Carnegie Dist Lib | 4707 | 22 | | 42,264 | 4,560 | 46,824 |
| Hudsonville, City of | 7004 | 12, 7, 3 | | 6,624 | 158,004 | 164,628 |
| Huntington Woods, City of | 6303 | 22, 7, 3 | | 145,128 | 1,230,744 | 1,375,872 |
| Hurley Med Ctr | 2521 | 22, 17, 11, 9 | | 1,317,036 | 11,739,732 | 13,056,768 |
| Huron Behavioral Health | 3215 | 22 | | 312,240 | 113,352 | 425,592 |
| Huron Chtr Twp | 8224 | 22 | | 165,672 | 458,232 | 623,904 |
| Huron Co | 3204 | 22 | | 1,271,304 | 1,767,492 | 3,038,796 |
| Huron CRC | 3202 | 22 | | 222,168 | 573,900 | 796,068 |
| Imlay City, City of | 4404 | 22 | | 91,800 | 200,508 | 292,308 |
| Independence Twp | 6328 | 22 | | 28,248 | 258,996 | 287,244 |
| Indianfields Twp CLD | 7905 | | | 0 | (6,156) | 0 |
| Ingham Co | 3303 | 22, 20, 19, 18, 15, 3 | | 4,846,404 | 10,515,468 | 15,384,192 |
| Interurban Trans Auth | 0308 | 22 | | 21,948 | 13,980 | 35,928 |
| Ionia Cmnty Lib | 3412 | 22 | | 21,336 | 15,564 | 36,900 |
| Ionia Co | 3408 | 22 | | 190,848 | 116,772 | 307,620 |
| Ionia CRC | 3404 | 22 | | 108,072 | 749,460 | 857,532 |
| Ionia HC | 3406 | 22 | | 14,196 | 21,888 | 36,084 |
| Ionia, City of | 3403 | 22, 3 | | 325,128 | 806,688 | 1,131,816 |
| Iosco Co | 3501 | 22, 18, 13, 12, 9, 8 | | 370,068 | 716,124 | 1,086,192 |
| Iosco CRC | 3502 | 15 | | 35,748 | 277,476 | 313,224 |
| Iron Co | 3606 | 22, 19, 8, 6 | | 716,868 | 928,392 | 1,645,260 |
| Iron Co HC | 3611 | 22 | | 16,584 | 26,028 | 42,612 |
| Iron CRC | 3602 | 22 | | 108,600 | 511,836 | 620,436 |
| Iron Mountain, City of | 2201 | 22, 20 | | 65,868 | 614,712 | 680,580 |
| Iron Mountain-Kingsford Swg | 2205 | 22 | | 14,712 | 34,296 | 49,008 |
| Iron River, City of | 3601 | 22 | | 64,812 | 284,964 | 349,776 |
| Ironwood, City of | 2706 | 22 | | 171,252 | 682,272 | 853,524 |
| Isabella Co | 3703 | 18, 4, 3 | | 400,356 | 2,355,936 | 2,756,292 |
| Isabella Co Trans Comm | 3709 | 22 | | 20,136 | 29,940 | 50,076 |
| Isabella CRC | 3702 | 22 | | 79,764 | 283,872 | 373,308 |
| Ishpeming Area Joint Wwtr Trtm | 5207 | 22 | | 24,084 | 4,728 | 28,812 |
| Ishpeming Twp | 5216 | 22 | | 18,300 | 10,224 | 28,524 |
| Ishpeming, City of | 5204 | 22 | | 135,828 | 544,488 | 680,316 |
| Ithaca, City of | 2904 | 12, 11 | | 15,840 | 217,632 | 233,472 |
| Jackson Dist Lib | 3802 | 22 | | 112,572 | 67,008 | 179,580 |
| Jackson Trans Auth | 3805 | 22 | | 113,964 | 121,392 | 235,356 |
| Jordan Valley Dist Lib | 1507 | 22 | | 3,768 | 1,800 | 5,568 |
| Jordan Valley EMS Auth | 1509 | 22 | | 18,324 | 8,340 | 26,664 |
| Kalamazoo Lake Swr & Wtr Auth | 0306 | 22 | | 30,060 | 32,880 | 62,940 |
| Kalamazoo Pub Lib | 3903 | 22 | | 307,884 | 81,852 | 389,736 |
| Kalamazoo, Chtr Twp of | 3907 | 22 | | 223,740 | 195,048 | 418,788 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|----------------------|--------------------------------|---------------|---------------------|---------------------|
| | | <u>Period(s) for</u> | <u>Initial UAL¹</u> | | | |
| | | | | | | <u>Contribution</u> |
| Kalkaska Co | 4003 | 22 | | 328,056 | 392,688 | 720,744 |
| Kalkaska CRC | 4002 | 22 | | 75,768 | 400,680 | 476,448 |
| Kalkaska Pub Trans Auth | 4004 | 20 | | 38,412 | 17,340 | 55,752 |
| Kalkaska, Vlg of | 4001 | 22 | | 45,048 | 197,004 | 242,052 |
| Keego Harbor, City of | 6322 | 22 | | 17,652 | 153,552 | 173,328 |
| Kent CRC | 4111 | 3 | | 0 | 37,800 | 37,800 |
| Keweenaw Co | 4202 | 22 | | 44,148 | 64,320 | 108,468 |
| Keweenaw CRC | 4201 | 22 | | 86,964 | 246,204 | 333,168 |
| Kinde, Vlg of | 3209 | 22 | | 1,500 | (2,028) | 0 |
| Kingsford, City of | 2202 | 22, 18 | | 50,760 | 206,832 | 257,592 |
| L.M.A.S. Dist Hlth Dept | 4803 | 22 | | 94,992 | 121,104 | 216,096 |
| Lac Vieux Desert Band | 8402 | 22 | | 20,400 | 3180 | 23,580 |
| Laingsburg, City of | 7608 | 22 | | 9,732 | 3,888 | 13,620 |
| Lake Co | 4301 | 22 | | 520,164 | 322,476 | 842,640 |
| Lake CRC | 4302 | 22 | | 106,992 | 355,524 | 462,516 |
| Lake Linden, Vlg of | 3105 | 22, 17 | | 25,188 | 45,708 | 70,896 |
| Lake Odessa, Vlg of | 3402 | 22 | | 18,540 | (2,988) | 15,552 |
| Lake Orion, Vlg of | 6318 | 12, 7 | | 14,004 | 112,068 | 126,072 |
| Lakeland Lib Coop | 4106 | 22 | | 18,684 | 9,540 | 28,224 |
| Lakeshore Coordinating Council | 7007 | | | 0 | 23,892 | 23,892 |
| Lakeview Cemetery | 2407 | 22 | | 6,384 | 564 | 6,948 |
| L'Anse, Vlg of | 0705 | 22 | | 112,008 | 244,320 | 356,328 |
| Lansing Chtr Twp | 3320 | 22 | | 175,056 | 80,760 | 255,816 |
| Lansing HC | 3311 | 22 | | 34,800 | 77,064 | 111,864 |
| Lapeer Co | 4403 | 22 | | 2,348,256 | 1,333,584 | 3,681,840 |
| Lapeer CRC | 4402 | 22, 3 | | 127,596 | 586,632 | 714,228 |
| Lapeer Dist Lib | 4410 | 22 | | 23,244 | 109,356 | 132,600 |
| Lapeer, City of | 4401 | 22 | | 498,420 | 591,228 | 1,089,648 |
| Lathrup Vlg, City of | 6311 | 17 | | 44,244 | 172,896 | 217,140 |
| Laurium, Vlg of | 3104 | 22 | | 19,344 | 73,308 | 92,652 |
| Lawrence, Vlg of | 8004 | 7, 4 | | 0 | 7,260 | 7,260 |
| Leelanau Co | 4501 | 22 | | 548,964 | 303,576 | 852,540 |
| Leelanau CRC | 4503 | 18 | | 47,640 | 136,092 | 183,732 |
| Leoni Twp | 3804 | 22, 12 | | 32,748 | 164,220 | 196,968 |
| Leslie Twp | 3319 | 22 | | 7,356 | 4,476 | 11,832 |
| Leslie, City of | 3313 | 22 | | 28,572 | 38,976 | 67,548 |
| Lexington, Vlg of | 7708 | 20, 11 | | 14,748 | 74,520 | 89,268 |
| Lima Twp | 8112 | 22 | | 12,864 | (7,620) | 5,244 |
| Lincoln Park, City of | 8244 | 22, 15 | | 137,028 | 2,442,552 | 2,579,580 |
| Litchfield, City of | 3006 | 22 | | 24,780 | 43,548 | 68,328 |
| Livingston Co | 4703 | 22, 7, 4 | | 1,909,656 | 2,900,268 | 4,809,924 |
| Livingston Co CMH Auth | 4712 | 20 | | 348,468 | 214,356 | 562,824 |
| Livingston CRC | 4701 | 22 | | 353,028 | 348,336 | 701,364 |
| Looking Glass Rgnl Fire CLD | 2311 | | | 0 | 5,472 | 5,472 |
| Loutit Dist Lib | 7013 | 22 | | 57,612 | 28,392 | 86,004 |
| Lowell, City of | 4104 | 22 | | 155,664 | 365,208 | 520,872 |
| Luce Co | 4804 | 22 | | 100,140 | 229,812 | 329,952 |
| Luce Co Amb Svs | 4806 | 20 | | 25,776 | (792) | 24,984 |
| Luce CRC | 4801 | 22 | | 80,256 | 456,252 | 536,508 |
| Ludington, City of | 5302 | 22 | | 239,364 | 425,208 | 664,572 |
| Luna Pier, City of | 5802 | 22, 17 | | 11,868 | 201,024 | 212,892 |
| Lyons, Vlg of | 3411 | 22 | | 0 | 408 | 408 |
| Mackinac Co | 4901 | 22, 6 | | 129,708 | 765,900 | 895,608 |
| Mackinac Co HC | 4905 | 14 | | 0 | 4,440 | 4,440 |
| Mackinac CRC | 4903 | 22, 7 | | 58,668 | 513,228 | 571,896 |
| Mackinac Straits Hosp&Hlth Ctr | 4902 | 22, 3 | | 896,136 | 512,772 | 1,408,908 |
| Mackinaw City, Vlg of | 1606 | 22 | | 18,624 | 11,568 | 30,192 |
| Madison Heights, City of | 6308 | 15, 12 | | 216,468 | 0 | 216,468 |
| Madison, Chtr Twp of | 4605 | 22 | | 24,600 | 25,932 | 50,532 |
| Manistee Co | 5101 | 22, 17 | | 661,716 | 1,171,476 | 1,833,192 |
| Manistee CRC | 5103 | 22, 4 | | 125,820 | 437,892 | 563,712 |
| Manistee HC | 5107 | 22 | | 5,748 | 576 | 6,324 |
| Manistee, City of | 5105 | 22 | | 228,132 | 233,028 | 461,160 |
| Manistique, City of | 7504 | 22, 18 | | 222,324 | 546,852 | 769,176 |
| Manlius Twp | 0311 | 22 | | 3,276 | 4,440 | 7,716 |
| Manton, City of | 8304 | 22 | | 14,292 | 87,420 | 101,712 |
| Marenisco Twp | 2704 | 22 | | 17,148 | 7,608 | 24,756 |
| Marine City, City of CLD | 7704 | | | 0 | 17,460 | 17,460 |
| Marion, Vlg of | 6704 | 22, 15 | | 5,868 | 13,152 | 19,020 |
| Marlette, City of | 7405 | 22 | | 47,400 | 40,836 | 88,236 |
| Marquette Brd of Light & Power | 5209 | 22, 3 | | 170,460 | 1,227,912 | 1,398,372 |
| Marquette Chtr Twp | 5215 | 22 | | 88,092 | 53,700 | 141,792 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|--------------------------------|---------------|---------------------|---------------------|
| | | <u>Period(s) for</u> | | <u>Cost</u> | |
| | | <u>Initial UAL¹</u> | | | <u>Contribution</u> |
| Marquette Co | 5202 | 22, 20, 17, 11, 9, 8 | 747,996 | 3,517,020 | 4,265,016 |
| Marquette Co Solid Waste Mgmt | 5213 | 22, 19 | 70,872 | (5,220) | 65,652 |
| Marquette Co Trans Auth | 5206 | 22 | 64,608 | 16,152 | 80,760 |
| Marquette CRC | 5211 | 22, 4 | 179,052 | 1,116,132 | 1,295,184 |
| Marquette, City of | 5201 | 22, 19, 8 | 655,500 | 2,138,724 | 2,794,224 |
| Marshall Area Firefighters Amb | 1313 | 20 | 29,412 | (6,756) | 22,656 |
| Marshall Dist Lib | 1309 | 6 | 0 | 13,908 | 13,908 |
| Marshall, City of | 1306 | 22, 17, 14 | 194,280 | 977,868 | 1,172,148 |
| Mason Co | 5301 | 22, 7 | 874,308 | 1,382,568 | 2,256,876 |
| Mason Co Dist Lib | 5303 | 22 | 40,776 | 36,060 | 76,836 |
| Mason CRC | 5305 | 22 | 157,212 | 189,132 | 346,344 |
| Mason, City of | 3304 | 22 | 121,068 | 467,148 | 588,216 |
| Mason-Oceana Cty Enh 911 Cen | 6403 | 22, 6 | 53,952 | 24,408 | 78,360 |
| MBS Intl Arpt | 0902 | 22 | 148,272 | 318,276 | 466,548 |
| Meceola Central Dispatch | 5405 | 22 | 57,900 | 35,184 | 93,084 |
| Mecosta Co | 5403 | 4, 3 | 191,784 | 280,308 | 472,092 |
| Mecosta Co General Hosp CLD | 5404 | | 0 | 450,576 | 450,576 |
| Mecosta CRC | 5401 | 22 | 88,896 | 135,420 | 224,316 |
| Melvindale HC | 8220 | 22 | 21,732 | 21,168 | 42,900 |
| Melvindale, City of | 8215 | 22, 12, 11 | 114,300 | 2,294,988 | 2,409,288 |
| Menominee Co | 5502 | 20, 19, 18, 12, 3 | 350,388 | 571,008 | 921,396 |
| Menominee CRC | 5503 | 19, 12 | 37,728 | 170,496 | 208,224 |
| Menominee, City of | 5501 | 22 | 174,816 | 163,812 | 338,628 |
| Meridian Chtr Twp | 3315 | 22 | 668,016 | 1,840,704 | 2,508,720 |
| MERS | 2308 | 22 | 1,131,768 | (154,308) | 977,460 |
| Metamora Twp | 4409 | 22 | 25,620 | 2,976 | 28,596 |
| Mich Muni Risk Mgmt Auth | 8237 | 22 | 33,048 | (9,420) | 23,628 |
| Mich S Central Power Agcy | 3002 | 22, 18 | 55,452 | 40,200 | 95,652 |
| Middleville, Vlg of | 0803 | 22, 3 | 23,976 | 25,272 | 49,248 |
| Midland Co Central Disp Auth | 5604 | 22, 8 | 72,408 | 71,688 | 144,096 |
| Midland CRC | 5602 | 22, 17, 12 | 106,308 | 450,600 | 556,908 |
| Midland, City of | 5601 | 22, 11 | 846,000 | 5,148,096 | 5,994,096 |
| Mid-Mich Dist Hlth Dept | 5901 | 22 | 223,428 | 162,000 | 385,428 |
| Mid-Mich Lib League | 8306 | 22 | 14,628 | 3,684 | 18,312 |
| Mid-Peninsula Lib Coop CLD | 3609 | | 0 | 5,760 | 5,760 |
| Milan Lib | 5806 | 22 | 8,760 | 11,544 | 20,304 |
| Milan, City of | 5801 | 22, 9, 8 | 70,896 | 774,840 | 845,736 |
| Milford, Vlg of | 6313 | 22, 16, 3 | 138,468 | 399,168 | 537,636 |
| Millington, Vlg of | 7904 | 22 | 8,520 | (204) | 8,316 |
| Missaukee Co | 5702 | 22 | 160,860 | 129,072 | 289,932 |
| MOA Solid Waste Mgmt Auth | 6002 | 22 | 20,004 | 2,964 | 22,968 |
| Monroe HC | 5808 | 22 | 63,720 | 74,688 | 138,408 |
| Montague, City of | 6112 | 22 | 86,472 | 136,284 | 222,756 |
| Montcalm CRC | 5905 | 22 | 167,592 | 589,668 | 757,260 |
| Montmorency Co | 6001 | 22, 10 | 204,156 | 364,116 | 568,272 |
| Montrose, City of | 2509 | 22, 3 | 4,560 | 57,048 | 61,608 |
| Mt. Morris Chtr Twp | 2503 | 22 | 296,808 | 1,132,416 | 1,429,224 |
| Mt. Pleasant, City of | 3701 | 22, 16 | 423,324 | 690,384 | 1,113,708 |
| Muir, Vlg of | 3405 | 22 | 3,396 | 4,260 | 7,656 |
| Mundy, Chtr Twp of | 2517 | 22 | 99,108 | 116,340 | 215,448 |
| Munising, City of | 0202 | 22 | 134,208 | 219,684 | 353,892 |
| Muskegon Area Dist Lib | 6117 | 22 | 85,008 | 20,040 | 105,048 |
| Muskegon Chtr Twp | 6108 | 18, 17, 16 | 152,088 | 550,404 | 702,492 |
| Muskegon Co | 6103 | 18, 16, 12, 10, 8 | 1,760,340 | 8,120,448 | 9,880,788 |
| Muskegon CRC | 6101 | 22, 19, 16 | 348,384 | 460,884 | 809,268 |
| Muskegon HC | 6113 | 22 | 25,332 | 19,632 | 44,964 |
| Muskegon Heights HC | 6115 | 22 | 33,996 | 32,892 | 66,888 |
| Muskegon Heights, City of | 6102 | 22, 6 | 232,452 | 959,784 | 1,192,236 |
| Muskegon, City of | 6116 | 12, 7 | 664,716 | 3,029,544 | 3,694,260 |
| N Houghton Co Wtr&Swg Auth | 3106 | 22 | 10,956 | 11,076 | 22,032 |
| N Muskegon, City of | 6104 | 18, 17 | 44,076 | 120,564 | 164,640 |
| Nashville, Vlg of | 0807 | 22 | 14,256 | (4,788) | 9,468 |
| Negaunee Twp | 5217 | 22 | 2,052 | 1,368 | 3,420 |
| Negaunee, City of | 5203 | 22 | 151,188 | 405,288 | 556,476 |
| Network180 | 4109 | 16 | 380,760 | 116,352 | 497,112 |
| New Baltimore, City of | 5016 | 15 | 179,592 | 230,328 | 409,920 |
| New Buffalo, City of | 1113 | 22 | 41,976 | 35,376 | 77,352 |
| Newaygo CMH | 6207 | 4 | 3,312 | (3,312) | 0 |
| Newaygo Co | 6201 | 8, 6, 4, 3 | 64,236 | 1,168,752 | 1,232,988 |
| Newaygo CRC | 6212 | 22, 11 | 168,012 | 144,720 | 312,732 |
| Newaygo MCF | 6204 | 19, 18 | 161,952 | (20,400) | 141,552 |
| Newaygo Soil & Wtr Cnsvrn Dist | 6205 | 22 | 4,032 | 216 | 4,248 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization Period(s) for Initial UAL¹</u> | <u>Normal Cost</u> | <u>Amortization Payment²</u> | <u>Total Employer Contribution</u> |
|-------------------------------|---------------|---|------------------------|---|--|
| Newberry, Vlg of | 4802 | 22 | 55,572 | 112,236 | 167,808 |
| Niles Dist Lib | 1105 | 22 | 17,784 | 10,944 | 28,728 |
| Northern Lakes CMH Auth | 2808 | 4 | 0 | 906,720 | 906,720 |
| Northfield Twp | 8117 | 22 | 51,000 | 11,064 | 62,064 |
| Northpointe Bhvrl Hlth Sys | 2207 | 22, 16, 3 | 260,424 | 134,184 | 394,608 |
| Northville Chtr Twp | 8230 | 22 | 1,013,388 | 926,256 | 1,939,644 |
| Northville Dist Lib | 8229 | 22 | 113,880 | 44,436 | 158,316 |
| Northville, City of | 8208 | 12, 11, 9, 8 | 73,236 | 948,228 | 1,021,464 |
| Norton Shores, City of | 6106 | 22 | 671,292 | 1,642,752 | 2,314,044 |
| Norway, City of | 2204 | 22, 17 | 117,852 | 825,348 | 943,200 |
| Nottawaseppi Huron Band | 8403 | 22 | 54,492 | 1032 | 55,524 |
| Novi, City of | 6320 | 22, 16, 15, 14, 12, 11 | 799,536 | 3,156,504 | 3,956,040 |
| NW Mich Cmnty Hlth Agcy | 1502 | 3 | 30,492 | 429,792 | 460,284 |
| NW Rgnl Arpt Comm | 2805 | 22, 15 | 128,052 | 56,232 | 184,284 |
| Oceana Co | 6402 | 16, 15, 14 | 463,848 | 881,160 | 1,345,008 |
| Oceola Twp | 4717 | 22 | 29,556 | 6,492 | 36,048 |
| Ogemaw Co | 6502 | 22, 10, 8 | 209,964 | 884,436 | 1,094,400 |
| Ogemaw Co EMS Auth | 6508 | 22 | 123,588 | 18,804 | 147,192 |
| Ogemaw CRC | 6503 | 22 | 91,992 | 276,264 | 368,256 |
| Olive Twp | 7009 | 22 | 2,100 | 9,024 | 11,124 |
| Onaway, City of | 7105 | 22 | 18,540 | 1,248 | 19,788 |
| Ontonagon Co | 6602 | 22 | 152,640 | 212,796 | 366,540 |
| Ontonagon Co Economic Dev Co | 6605 | 7 | 0 | 7,716 | 7,716 |
| Ontonagon CRC | 6604 | 22 | 290,508 | 946,032 | 1,236,540 |
| Ontonagon, Vlg of | 6603 | 22 | 39,924 | 411,156 | 451,080 |
| Orchard Lake, City of | 6312 | 20, 15, 3 | 26,076 | 377,016 | 403,092 |
| Oronoko Chtr Twp | 1114 | 22 | 29,916 | 49,272 | 79,188 |
| Osceola Co | 6701 | 22 | 399,900 | 223,680 | 623,580 |
| Osceola CRC | 6703 | 22 | 78,360 | 249,024 | 327,384 |
| Oscoda Chtr Twp | 3503 | 22, 12 | 46,236 | 105,996 | 152,232 |
| Oscoda Co | 6801 | 22 | 238,440 | 311,856 | 645,672 |
| Oscoda Wurtsmith Arpt Auth I | 6802 | 22 | 11,892 | 6,120 | 18,012 |
| Otisville, Vlg of | 2506 | 22, 7 | 15,768 | 23,172 | 38,940 |
| Otsego Co | 6902 | 22 | 369,684 | 540,648 | 910,692 |
| Otsego CRC | 6901 | 22 | 131,724 | 373,248 | 504,972 |
| Ottawa Co | 7003 | 22, 18, 17, 16 | 3,091,020 | 4,420,836 | 7,511,856 |
| Ottawa Co Central Disp Auth | 7008 | 6, 3 | 18,900 | 94,692 | 113,592 |
| Ottawa CRC | 7002 | 22 | 410,436 | 1,639,908 | 2,050,344 |
| Otter Lake, Vlg of | 4408 | 22 | 2,016 | 1,548 | 3,564 |
| Owosso, City of | 7607 | 22, 4 | 18,264 | 126,804 | 145,068 |
| Oxford Fire Department | 6327 | 22 | 90,948 | 151,212 | 242,160 |
| Oxford, Vlg of | 6326 | 22 | 64,968 | 87,516 | 152,484 |
| Parchment, City of | 3901 | 22 | 11,592 | 93,336 | 104,928 |
| Pathways (Spr.Bhvl.Mntl.Hlth) | 5214 | 15, 11, 8 | 60,516 | 3,254,904 | 3,315,420 |
| Paw Paw Lk Reg Jnt Swg Disp B | 1103 | 22 | 21,336 | 31,236 | 52,572 |
| Paw Paw, Vlg of | 8002 | 22 | 117,384 | 197,604 | 314,988 |
| Pellston, Vlg of | 2404 | 22 | 3,732 | 5,652 | 9,384 |
| Pennfield Chtr Twp | 1312 | 22 | 63,336 | 59,988 | 123,324 |
| Pentwater, Vlg of | 6401 | 22 | 41,892 | 36,528 | 78,420 |
| Perrinton, Vlg of | 2909 | 22 | 4,704 | 156 | 4,860 |
| Petersburg, City of | 5807 | 22 | 15,888 | (5,136) | 10,752 |
| Petoskey, City of | 2402 | 22, 20 | 376,872 | 414,576 | 791,448 |
| Pewamo, Vlg of | 3407 | 22 | 6,480 | 5,976 | 12,456 |
| Pigeon, Vlg of | 3203 | 22 | 12,012 | 35,196 | 47,208 |
| Pinckney, Vlg of | 4706 | 22, 3 | 66,096 | 42,516 | 108,612 |
| Pinconning, City of | 0904 | 22 | 11,220 | 69,948 | 81,168 |
| Pittsfield Chtr Twp | 8110 | 22, 14 | 647,940 | 696,504 | 1,344,444 |
| Pleasant Ridge, City of | 6301 | 22, 17, 8 | 71,880 | 211,848 | 283,728 |
| Plymouth Dist Lib | 8221 | 22 | 113,148 | 70,536 | 183,684 |
| Plymouth, Chtr Twp of | 8238 | 20, 18, 11, 9 | 215,820 | 798,168 | 1,013,988 |
| Plymouth, City of | 8202 | 8, 3 | 0 | 1,727,088 | 1,727,088 |
| Pokagon Band of Potawatomi | 8401 | 22 | 1,521,936 | 0 | 1,521,936 |
| Port Austin Area Swr&Wtr Auth | 3210 | 4 | 0 | 0 | 0 |
| Port Austin, Vlg of | 3208 | 22 | 5,508 | 10,824 | 16,332 |
| Port Huron Chtr Twp | 7711 | 22 | 74,364 | 79,956 | 154,320 |
| Port Huron HC | 7712 | 22 | 109,812 | 220,524 | 330,336 |
| Port Huron, City of | 7702 | 22, 18, 10 | 956,076 | 4,797,768 | 5,753,844 |
| Port Sanilac, Vlg of | 7403 | 22 | 12,768 | 36,684 | 49,452 |
| Port Sheldon Twp | 7018 | 22 | 22,392 | (7,800) | 14,592 |
| Portland, City of | 3401 | 20 | 182,952 | 381,336 | 564,288 |
| Pottersville, City of | 2313 | 22 | 34,272 | 18,384 | 52,656 |
| Presque Isle Co | 7104 | 22, 6 | 183,600 | 296,880 | 480,480 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|-------------------------------|---------------|--------------------------------|---------------|----------------------------|---------------------|
| | | <u>Period(s) for</u> | | <u>Payment²</u> | |
| | | <u>Initial UAL¹</u> | <u>Cost</u> | | <u>Contribution</u> |
| Presque Isle CRC | 7101 | 22 | 76,644 | 333,036 | 409,680 |
| PRIDE Youth Programs CLD | 6210 | | 0 | 4,800 | 4,800 |
| Ravenna, Vlg of | 6111 | 19 | 4,272 | 2,448 | 6,720 |
| Reading, City of | 3003 | 22 | 10,140 | 4,428 | 14,568 |
| Redford Twp Dist Lib | 8228 | 20 | 51,720 | 24,384 | 76,104 |
| Redford, Chtr Twp of | 8209 | 22 | 498,636 | 1,485,696 | 1,984,332 |
| Reed City, City of | 6702 | 22 | 114,840 | 174,960 | 289,800 |
| Richfield Twp (Genesee Co) | 2514 | 22 | (17,688) | 149,280 | 131,592 |
| Richfield Twp (Roscommon Co) | 7202 | 22 | 32,952 | 72,996 | 105,948 |
| Richland Twp | 7310 | 22 | 36,192 | 146,124 | 182,316 |
| Richmond, City of | 5012 | 22 | 3,384 | 52,104 | 55,488 |
| Rochester, City of | 6307 | 17 | 218,244 | 606,864 | 825,108 |
| Rockford, City of | 4103 | 22 | 152,604 | 219,120 | 371,724 |
| Rockwood, City of | 5810 | 22 | 61,920 | 7,452 | 78,348 |
| Rogers City, City of | 7102 | 22 | 46,164 | 395,448 | 441,612 |
| Romeo Dist Lib | 5006 | 4 | 12,996 | 106,548 | 119,544 |
| Romeo, Vlg of | 5005 | 22 | 130,716 | 207,888 | 338,604 |
| Romulus, City of | 8225 | 22, 17, 16 | 314,844 | 2,228,376 | 2,543,220 |
| Roosevelt Park, City of | 6107 | 22, 17 | 56,028 | 198,504 | 254,532 |
| Roscommon Co | 7201 | 22, 14 | 325,512 | 588,828 | 914,340 |
| Roscommon Co Trans Auth | 7205 | 22 | 90,636 | 42,504 | 133,140 |
| Rose City, City of | 6504 | 22 | 13,020 | 5,808 | 18,828 |
| Rose Twp | 6506 | 22 | 6,000 | (29,292) | 0 |
| Royal Oak, Chtr Twp of | 6306 | 22, 10, 6, 5 | 5,688 | (40,272) | 0 |
| Saginaw Chtr Twp | 7314 | 22 | (86,460) | 464,628 | 424,632 |
| Saginaw Co | 7303 | 11, 9, 8 | 186,456 | 2,826,504 | 3,012,960 |
| Saginaw Co 911 Com Ctr | 7316 | 4 | 30,732 | 902,028 | 932,760 |
| Saginaw Co CMH | 7318 | 22, 19, 7, 4 | 64,752 | 458,088 | 522,840 |
| Saginaw CRC | 7304 | 22, 18 | 243,552 | 680,724 | 924,276 |
| Saginaw HC | 7321 | 22 | 21,840 | 142,212 | 164,052 |
| Saginaw Trans Sys Auth | 7319 | 22 | 76,776 | 1,008 | 77,784 |
| Saginaw, City of | 7301 | 22, 14, 8 | 1,362,972 | 12,466,908 | 13,829,880 |
| Saginaw, Pub Lib of | 7317 | 22 | 30,888 | (120,036) | 0 |
| Saginaw-Midland Muni Wtr Corp | 7305 | 16, 3 | 29,100 | 262,644 | 291,744 |
| Saline, City of | 8105 | 22, 12 | 271,452 | 863,280 | 1,134,732 |
| Sandusky Dist Lib | 7404 | 22 | 2,832 | 696 | 3,528 |
| Sandusky, City of | 7402 | 22 | 56,016 | 143,292 | 199,308 |
| Sanilac CRC | 7410 | 22 | 102,036 | 101,472 | 203,508 |
| Saranac HC | 3413 | 22 | 6,540 | 23,664 | 30,204 |
| Saugatuck Twp | 0305 | 22 | 20,892 | 46,512 | 67,404 |
| Saugatuck Twp Fire Dist | 0313 | 22 | 21,984 | 6,012 | 27,996 |
| Saugatuck, City of | 0307 | 22 | 38,760 | 18,588 | 57,348 |
| Sault Ste. Marie HC | 4906 | 22 | 27,696 | 2,472 | 30,168 |
| Sault Ste. Marie, City of | 1701 | 22 | 181,860 | 640,152 | 822,012 |
| SCCMUA | 1905 | 22, 18 | 35,556 | 41,532 | 77,088 |
| Schoolcraft Co | 7503 | 22, 20, 10 | 396,540 | 849,372 | 1,245,912 |
| Schoolcraft Co Trans Auth | 7506 | 22 | 47,628 | 15,684 | 63,312 |
| Schoolcraft CRC | 7501 | 22 | 124,284 | 559,320 | 683,604 |
| Schoolcraft Memorial Hosp | 7505 | 5, 4, 3 | 76,560 | 1,008,336 | 1,084,896 |
| Scio Twp | 8116 | 20 | 80,196 | 43,884 | 124,080 |
| Scottville, City of | 5308 | 22 | 20,664 | 6,732 | 27,396 |
| SE Oakland Co Rsrc Rec Auth | 6310 | 22 | 68,400 | 146,880 | 215,280 |
| SE Oakland Co Wtr Auth | 6309 | 22 | 63,852 | 110,832 | 176,052 |
| Sebewaing, Vlg of | 3205 | 22 | 58,188 | 67,320 | 125,508 |
| SEMCOG | 8210 | 22 | 484,764 | 295,056 | 779,820 |
| Shepherd, Vlg of | 3704 | 22, 16 | 14,472 | 936 | 15,408 |
| Shiawassee Co | 7602 | 22, 3 | 1,241,400 | 3,524,568 | 4,768,224 |
| Shiawassee Co CMH | 7609 | 22 | 519,540 | 163,068 | 682,608 |
| Shiawassee Council on Aging | 7605 | 22 | 2,988 | 19,428 | 22,416 |
| Shiawassee CRC | 7601 | 22 | 85,176 | 336,324 | 421,500 |
| Shiawassee Dist Lib | 7606 | 22 | 15,012 | 600 | 15,612 |
| Sims Whitney Util Auth | 0606 | 22 | 10,152 | 4,800 | 14,952 |
| SMART | 8216 | 22 | 2,514,900 | 4,684,080 | 7,198,980 |
| South Haven Area ESA | 8005 | 22, 8 | 53,292 | 219,288 | 272,580 |
| South Haven, City of | 8001 | 22, 17, 3 | 390,072 | 421,512 | 811,584 |
| South Lyon, City of | 6315 | 22 | 297,876 | 335,640 | 633,516 |
| Southgate, City of | 8262 | 21 | 67,008 | 697,560 | 764,568 |
| Sparta, Vlg of | 4107 | 22 | 63,156 | 121,584 | 184,740 |
| Spring Lake Dist Lib | 7016 | 22 | 50,952 | (6,504) | 44,448 |
| Spring Lake, Vlg of | 7015 | 22, 18 | 11,532 | 46,620 | 65,016 |
| Springfield, City of | 1303 | 22, 17 | 50,616 | 264,468 | 315,084 |
| St Charles, Vlg of | 7308 | 22 | 56,292 | 127,500 | 183,792 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization</u> | | <u>Normal</u> | <u>Amortization</u> | <u>Total</u> |
|--------------------------------|---------------|----------------------|--------------------------------|---------------|---------------------|---------------------|
| | | <u>Period(s) for</u> | <u>Initial UAL¹</u> | | | |
| | | | | | | <u>Contribution</u> |
| St Clair HC | 7715 | 22 | | 4,572 | 30,372 | 34,944 |
| St Clair Shores HC | 5007 | 22 | | 27,540 | 71,640 | 99,180 |
| St Clair, City of | 7703 | 22, 7, 3 | | 134,172 | 709,260 | 843,432 |
| St Ignace, City of | 4904 | 22 | | 130,752 | 316,044 | 446,796 |
| St Johns, City of | 1902 | 22, 19, 11 | | 98,028 | 947,376 | 1,045,404 |
| St Joseph Co | 7803 | 22 | | 546,696 | 186,852 | 733,548 |
| St Louis HC | 2908 | 16 | | 11,964 | 10,068 | 22,032 |
| St Louis, City of | 2902 | 17, 4, 3 | | 17,544 | 411,948 | 429,492 |
| Stambaugh Twp | 3615 | 22 | | 1,824 | 4,416 | 6,240 |
| Standish, City of | 0601 | 3 | | 2,964 | 252,120 | 255,084 |
| Stanton, City of CLD | 5903 | | | 0 | 6,228 | 6,228 |
| Stephenson, City of | 5504 | 22 | | 18,108 | 18,744 | 36,852 |
| Sterling, Vlg of | 0605 | 22 | | 5,532 | (14,364) | 0 |
| Stockbridge, Vlg of | 3316 | 22 | | 20,148 | 28,176 | 48,324 |
| Sturgis HC | 7805 | 22 | | 10,800 | (552) | 10,248 |
| Summit Twp | 3803 | 22 | | 247,920 | 397,620 | 645,540 |
| Sumpter Twp | 8226 | 22, 6 | | 110,016 | 179,508 | 289,524 |
| Superior Chtr Twp | 8109 | 22 | | 110,184 | 150,852 | 261,036 |
| Superior Dist Lib | 1702 | 22 | | 17,868 | (61,308) | 0 |
| Superiorland Lib Coop | 5208 | 22 | | 10,536 | 13,296 | 23,832 |
| Suttons Bay Bingham Fire Auth | 4506 | 22 | | 37,464 | 28,488 | 65,952 |
| SW Mich Comm Amb Svcs | 1119 | 22 | | 10,116 | 40,692 | 50,808 |
| SW Shiawassee ESA | 7611 | 22 | | 54,600 | (2,064) | 52,536 |
| Swan Creek Twp | 7309 | 22 | | 7,956 | 10,224 | 18,180 |
| Swartz Creek, City of | 2504 | 22, 4 | | 43,020 | 42,792 | 85,812 |
| Sylvan Lake, City of | 6314 | 22, 17 | | 20,412 | 68,724 | 89,136 |
| Tawas Police Auth | 3504 | 20 | | 96 | 37,692 | 37,788 |
| Taylor HC | 8231 | 18 | | 15,768 | 2,724 | 18,492 |
| The Lib Network | 8218 | 22, 5 | | 79,752 | 194,520 | 274,272 |
| Three Rivers, City of | 7801 | 22 | | 229,368 | 368,748 | 598,116 |
| Tittabawassee, Twp of | 7322 | 22 | | 61,092 | 6,348 | 67,440 |
| Traverse Area Dist Lib | 2807 | 20 | | 1,920 | 97,452 | 99,372 |
| Traverse City Light & Power | 2811 | 22 | | 340,020 | 862,896 | 1,202,916 |
| Traverse City, City of | 2801 | 22 | | 519,912 | 993,492 | 1,513,404 |
| Trenton, City of | 8203 | 7 | | 72,144 | 3,059,652 | 3,131,796 |
| Tri-County Aging Consortium | 3307 | 22 | | 364,200 | 39,444 | 403,644 |
| Trio Council on Aging Inc CLD | 6507 | | | 0 | 3,636 | 3,636 |
| Tuscarora Twp | 1604 | 22 | | 57,900 | 47,076 | 104,976 |
| Tuscola Co | 7902 | 19, 10, 3 | | 342,348 | 76,344 | 418,692 |
| Tuscola Co CMH | 7907 | 22 | | 273,072 | 93,564 | 366,636 |
| Tuscola Co Hlth Dpt | 7901 | 22 | | 93,948 | 197,136 | 291,084 |
| Tuscola Co MCF | 7906 | 22 | | 257,100 | 69,252 | 326,352 |
| Tuscola CRC | 7908 | 22, 19 | | 53,184 | 155,592 | 208,776 |
| Twin City Pub Safety Auth CLD | 3610 | | | 0 | 3,096 | 3,096 |
| Ubyl, Vlg of | 3212 | 22 | | 5,208 | 15,984 | 21,192 |
| Utica, City of | 5008 | 22 | | 58,824 | 141,948 | 200,772 |
| Van Buren Co | 8006 | 22 | | 532,596 | 819,840 | 1,352,436 |
| Van Buren Dist Lib | 8007 | 22 | | 41,736 | 23,904 | 65,640 |
| Van Buren Twp | 8236 | 22 | | 219,876 | 301,836 | 521,712 |
| Vassar, City of | 7903 | 17 | | 27,096 | 223,572 | 250,668 |
| Vevay Twp | 3318 | 22 | | 3,780 | 19,908 | 23,688 |
| Vicksburg Dist Lib | 3904 | 22 | | 6,312 | 3,792 | 10,104 |
| Vicksburg, Vlg of | 3902 | 22 | | 64,536 | 66,324 | 130,860 |
| Vienna, Chtr Twp of | 2522 | 22 | | 11,304 | 46,512 | 57,816 |
| W Iron Co Swr Auth | 3612 | 22 | | 16,956 | 41,100 | 58,056 |
| W Mich CMH Sys | 5304 | 8 | | 13,536 | 107,520 | 121,056 |
| W Mich Shoreline Rgnl Dev Comr | 6110 | 22 | | 53,196 | (82,308) | 0 |
| W UP Dist Hlth Dept | 3101 | 22, 6 | | 52,512 | 626,112 | 678,624 |
| Wakefield, City of | 2701 | 22 | | 34,752 | 162,144 | 196,896 |
| Walker, City of | 4112 | 6 | | 195,816 | 1,632,108 | 1,827,924 |
| Walled Lake, City of | 6324 | 22 | | 87,492 | 677,892 | 765,384 |
| Washtenaw Co | 8113 | 22, 12 | | 2,136,624 | 1,782,756 | 3,919,380 |
| Washtenaw CRC | 8102 | 22 | | 310,680 | 1,982,640 | 2,344,212 |
| Wayland, City of | 0304 | 22 | | 148,848 | 156,072 | 304,920 |
| Wayne HC | 8252 | 22 | | 18,072 | 15,072 | 33,144 |
| Wayne, City of | 8242 | 22, 20, 7 | | 553,728 | 4,581,012 | 5,141,184 |
| Webberville, Vlg of | 3314 | 22 | | 5,700 | 0 | 5,700 |
| West Branch Dist Lib | 6509 | 22 | | 7,704 | 4,932 | 12,636 |
| West Branch, City of | 6505 | 22 | | 35,952 | 130,764 | 166,716 |
| Westland, City of | 8211 | 22, 19, 18 | | 870,012 | 5,637,372 | 6,547,224 |
| Westphalia, Vlg of | 1907 | 22 | | 9,708 | 9,288 | 18,996 |
| Wexford Co | 8302 | 22, 20 | | 336,048 | 673,596 | 1,009,644 |

MERS 12/31/2016 Valuation - Results By Municipality – Appendix C

| <u>Municipality Name</u> | <u>Number</u> | <u>Amortization Period(s) for Initial UAL¹</u> | <u>Normal Cost</u> | <u>Amortization Payment²</u> | <u>Total Employer Contribution</u> |
|-----------------------------|---------------|---|------------------------|---|--|
| Wexford CRC | 8303 | 22 | 121,428 | 255,084 | 377,220 |
| White Cloud Cmnty Lib | 6208 | 22 | 12,552 | 4,212 | 16,764 |
| White Cloud, City of | 6206 | 22 | 29,652 | 28,212 | 57,864 |
| White Cloud/Sherman Util | 6211 | 22 | 13,152 | 6,000 | 19,152 |
| White Lake Chtr Twp | 6325 | 22 | 349,308 | 552,144 | 901,452 |
| White Pigeon, Vlg of | 7804 | 22 | 5,160 | 2,004 | 7,164 |
| White Pine District Library | 5904 | 22 | 1,164 | 8,808 | 9,972 |
| Whitehall, City of | 6105 | 22 | 97,356 | 114,792 | 212,148 |
| Willard Pub Lib | 1308 | 22 | 107,736 | 22,224 | 129,960 |
| Williamston, City of | 3310 | 22, 14 | 64,272 | 132,564 | 196,836 |
| Wixom, City of | 6316 | 18, 17, 7, 3 | 226,836 | 1,461,168 | 1,688,004 |
| Wolverine Lake, Vlg of | 6329 | 22, 11 | (6,384) | 101,940 | 95,556 |
| WUPPDR | 3108 | 22 | 17,832 | 11,892 | 29,724 |
| Ypsilanti Cmnty Util Auth | 8106 | 22 | 496,236 | 1,600,512 | 2,096,748 |
| Ypsilanti HC | 8115 | 22 | 11,028 | 6,576 | 17,604 |
| Ypsilanti, City of | 8101 | 22, 20, 14 | 176,676 | (119,028) | 57,708 |
| Ypsilanti, Twp of | 8104 | 22 | 182,304 | 415,884 | 598,188 |
| Totals - Active Groups | 720 | | 131,231,664 | 368,437,452 | 500,570,928 |
| Totals - Closed Groups | 15 | | 0 | 753,684 | 759,840 |
| Totals - MERS | 735 | | 131,231,664 | 369,191,136 | 501,330,768 |

¹ The initial UAL is defined as the UAL as of 12/31/2015 or the date of the first annual valuation, if later. Please see the Appendix on the MERS website for a description of the amortization policy.

² For overfunded divisions the displayed amortization payment is based on a 10-year amortization of the assets in excess of accrued liabilities, and acts as a credit against the normal cost. The entire credit is shown, even if it exceeds the normal cost. Thus the numbers do not always add up across, since the total contribution cannot be less than zero.