



MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM OF MICHIGAN
SUMMARY REPORT OF THE 70TH ANNUAL ACTUARIAL VALUATIONS
AS OF DECEMBER 31, 2015
FOR THE 732 DEFINED BENEFIT PLAN AND HYBRID PLAN
MUNICIPALITIES



September 14, 2016

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

Ladies and Gentlemen:

This report presents a summary of the results of the 70th Annual Actuarial Valuations, prepared as of December 31, 2015, for the Municipal Employees' Retirement System (MERS) 732 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 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 April 26, 2012).

The purpose of each municipality's December 31, 2015 annual actuarial valuation is to measure funding progress, to determine the employer contribution rates for the fiscal year beginning in 2017, 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.

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



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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:
<http://www.mersofmich.com/Portals/0/Assets/Resources/AAV-Appendix/MERS-2015AnnualActuarialValuation-Appendix.pdf>
- 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 cursive.

Cathy Nagy, MAAA, FSA

Handwritten signature of Jim Koss in cursive.

Jim Koss, MAAA, ASA

Handwritten signature of Curtis Powell in cursive.

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 732 Defined Benefit Plan and Hybrid Plan participating municipalities in the Municipal Employees' Retirement System as of December 31, 2015 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, 2015 (see Section II).
3. The assets attributable to MERS members of each participating municipality. The total assets (at actuarial value) for all 732 municipalities included in the December 31, 2015 valuation was \$8.89 billion. The market value of assets was \$7.84 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 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:

- For open divisions (new hires are included in the division) the amortization period is 23 years. The 23 year period will decline by one each year until the unfunded accrued liability is paid off.
- For closed divisions (new hires are not covered by MERS Defined Benefit Plan or Hybrid Plan provisions in a linked division) of active municipalities electing Option A, the amortization period is decreased annually by 2 years until the period reaches 6 or 5 years, thereafter it decreases by one each year until the unfunded accrued liability is paid off.
- For closed divisions of active municipalities electing Option B, the amortization period is decreased annually by 2 years until the period reaches 16 or 15 years, after which the amortization period is decreased annually by 1 year until the unfunded accrued liability is paid off.
- Negative unfunded accrued liabilities are amortized over 10 years.
- Please see the Appendix on the MERS website for a full description of the amortization policy.

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 2017, and is then amortized as noted above.

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, 2015. At that date 54 municipalities (7.5% of all Defined Benefit Plan and Hybrid Plan municipalities in MERS) were funded at 100% or higher. There were 389 municipalities in MERS that were funded at 70% or higher (54% of all municipalities).

Changes in Municipality Funding Percentages in 2015

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 2015 include:

- Funding Policy – The MERS funding policy results in a gradual change in the funded percentage towards 100% funding.
- Investment Experience – The 2015 valuations continue to phase-in the effect of the 2008 market losses as well as reflect a portion of the asset loss that occurred in 2015, resulting in reduced funded percentages.
- Changes in Actuarial Assumptions – New assumptions and methods were adopted by the Retirement Board, and they are reflected in the December 31, 2015 valuations. Please note that an employer will have the option to pay the required contribution based on the full impact of the assumptions changes, or the contribution based on a 5 year phase-in of the impact of the assumptions changes. Both contributions are shown in the individual municipality's report. This report only shows the results based on the full impact of the new assumptions and methods.
- 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 2015 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 10-year smoothed value of assets (5-year smoothing beginning in 2016). Only a portion of each year's investment market losses or gains were recognized in the 2015 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, 2015 the actuarial value of assets is 113% 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 13% difference between the actuarial value and market values of assets is not made up, employer contribution requirements may rise.

Table 1
Summary of the Valuation Results

	December 31,		
	2015	2014	2013
Number of Participating Municipalities	717	713	712
Number of Closed Municipalities ¹	<u>15</u>	<u>15</u>	<u>16</u>
Total Defined Benefit and Hybrid Municipalities	732	728	728
Number of Valuation Divisions			
Open to new hires	1,324	1,303	1,376
Closed to new hires	1,306	1,188	1,024
Closed municipalities	<u>19</u>	<u>19</u>	<u>20</u>
Total	2,649	2,510	2,420
Total Active Member Payroll (millions)	\$1,787	\$1,744	\$1,687
Assets at Market Value (millions)	\$7,835	\$8,057	\$7,404
Assets at Actuarial Value (millions)	8,893	8,539	7,861
Actuarial Rate of Return	5.21%	5.90%	6.04%
Actuarial Accrued Liability (millions)	\$13,368	\$12,096	\$10,957
Average AAL Funded Percentage ² (based on actuarial value of assets)	74%	78%	79%
Number of Municipalities ³ :			
Under 60% Funded	155	115	106
60%-80% Funded	334	307	311
80%-100% Funded	174	203	194
100%+ Funded	54	88	101

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 35,302 on December 31, 2014 to 35,274 on December 31, 2015.

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

Item	December 31,		
	2015	2014	2013
Number of defined benefit plan active members	35,274	35,302	34,809
Average age	46.1	46.2	46.3
Average benefit service	11.8	12.0	12.2
Average vesting service	12.4	12.6	12.7
Average compensation	\$ 50,656	\$ 49,397	48,476
Aggregate compensation (millions)	\$1,786.8	\$1,743.8	1,687.4

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 age 60, or earlier if early (unreduced) retirement benefits have been adopted.

There were 8,340 former employees with deferred vested rights as of December 31, 2015. This compares to 7,960 such members as of the prior valuation.

Item	December 31,		
	2015	2014	2013
Number of vested former members ¹	8,340	7,960	7,620
Average age	50.4	50.4	50.3
Average annual deferred benefit	9,987	\$9,789	9,473

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 37,467 retirees and beneficiaries receiving payments as of December 31, 2015. The table below presents age and benefit information as of the current valuation and for the past two years.

Item	December 31,		
	2015	2014	2013
Number of pensioners	37,467	35,754	32,460
Average age	69.1	69.0	69.0
Average annual benefit	20,768	\$20,224	19,350

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 Increases		
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

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

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

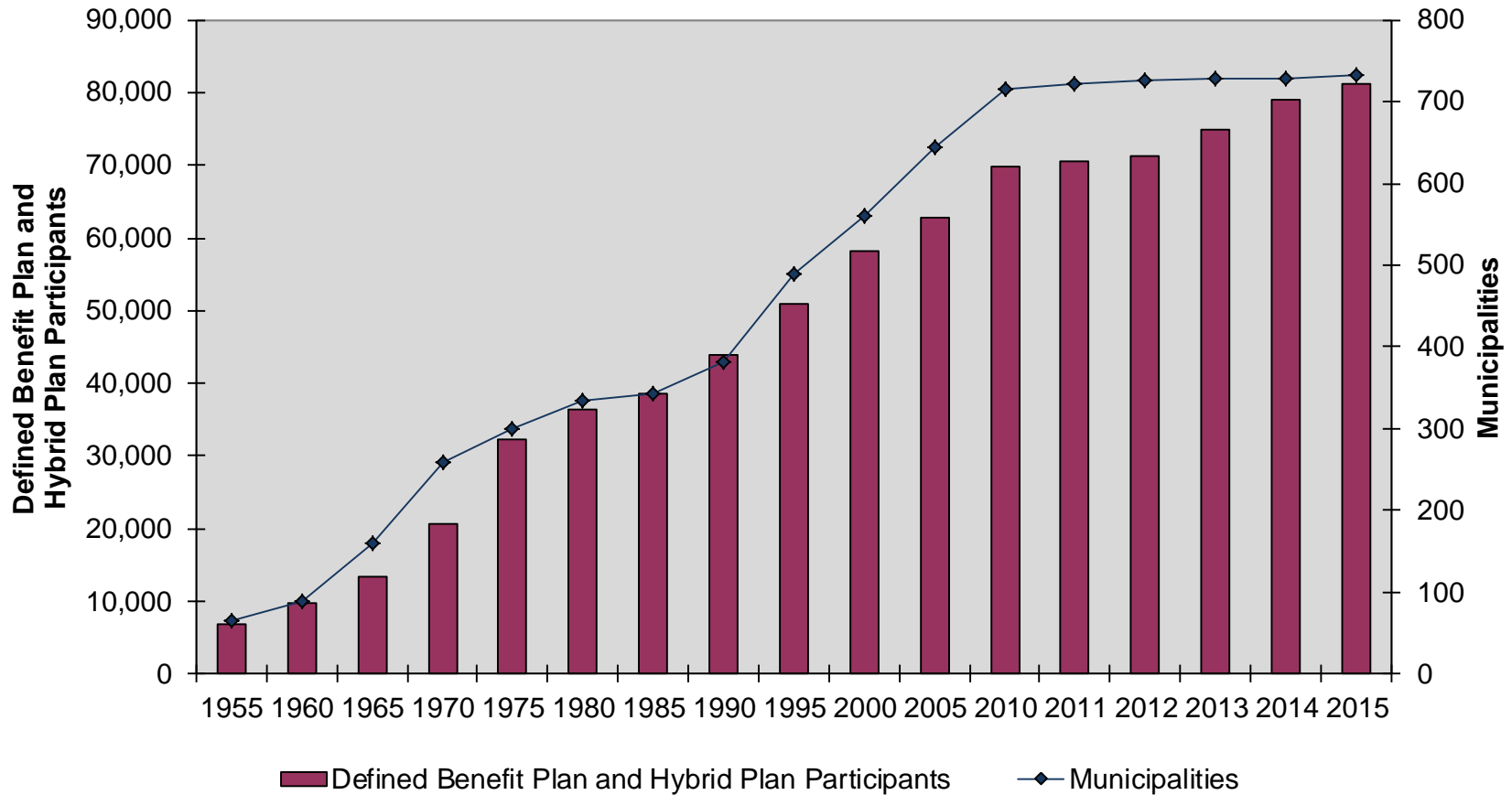


Chart 1 presents a comparison of the growth in MERS Defined Benefit Plan and Hybrid Plan municipalities to the growth in plan participants (active members, vested former members and retirees).

Chart 2

Active and Retired Participants

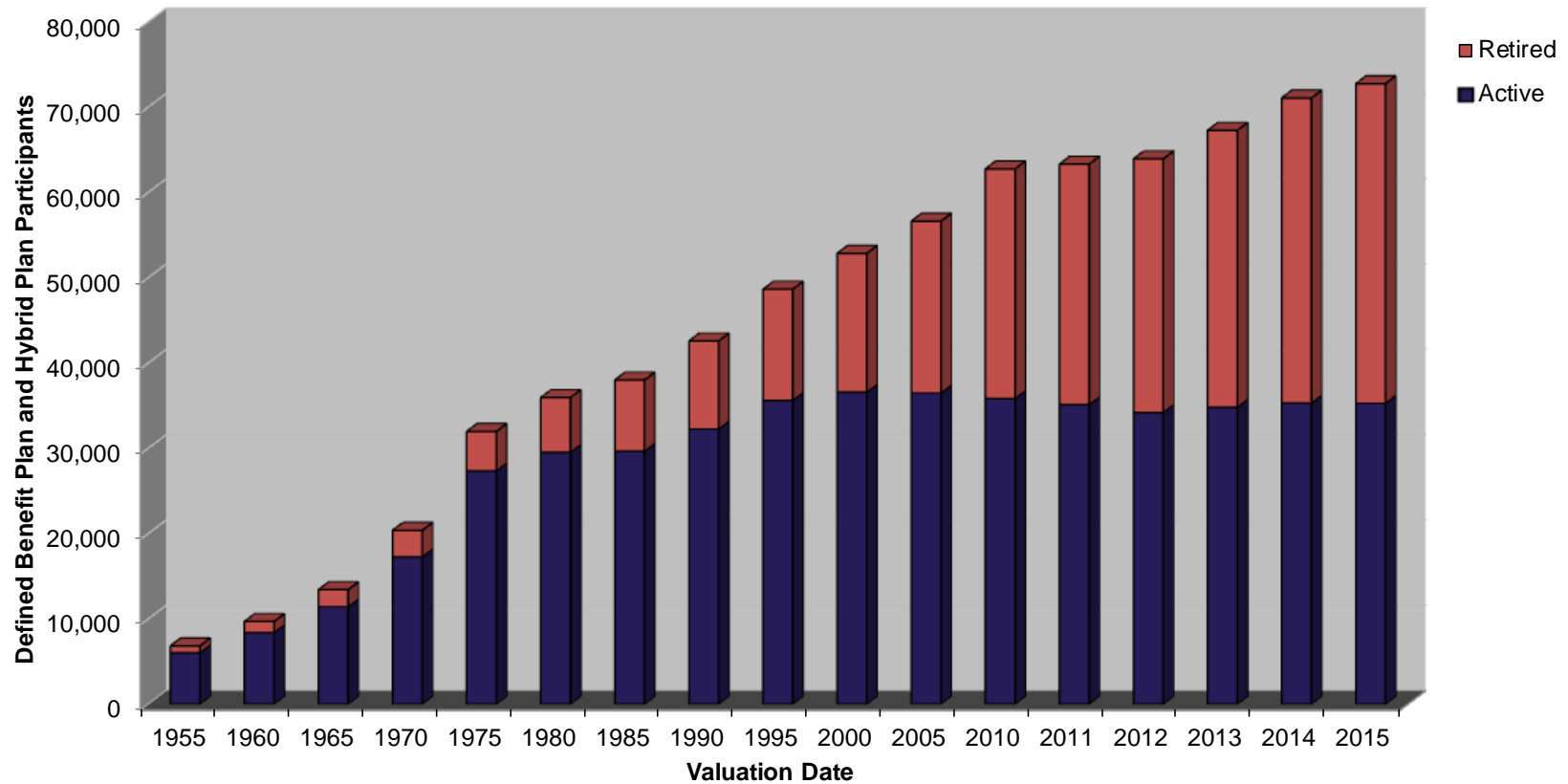


Chart 2 illustrates graphically the historical growth in the number of active members and retirees and beneficiaries.

Chart 3
Active Members Per Pension Recipient

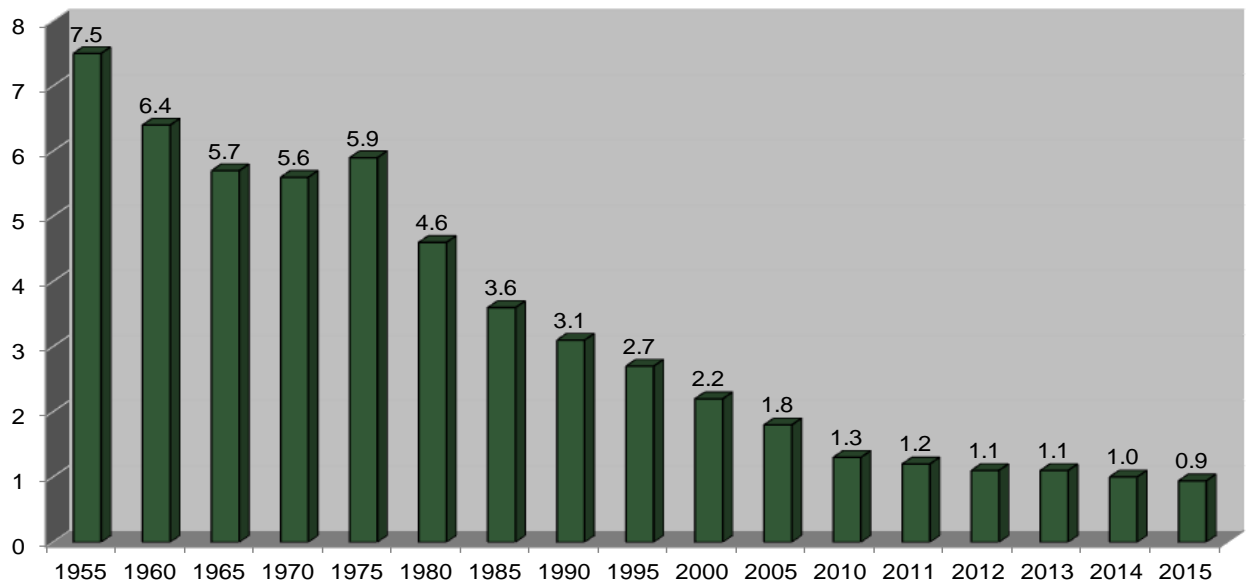
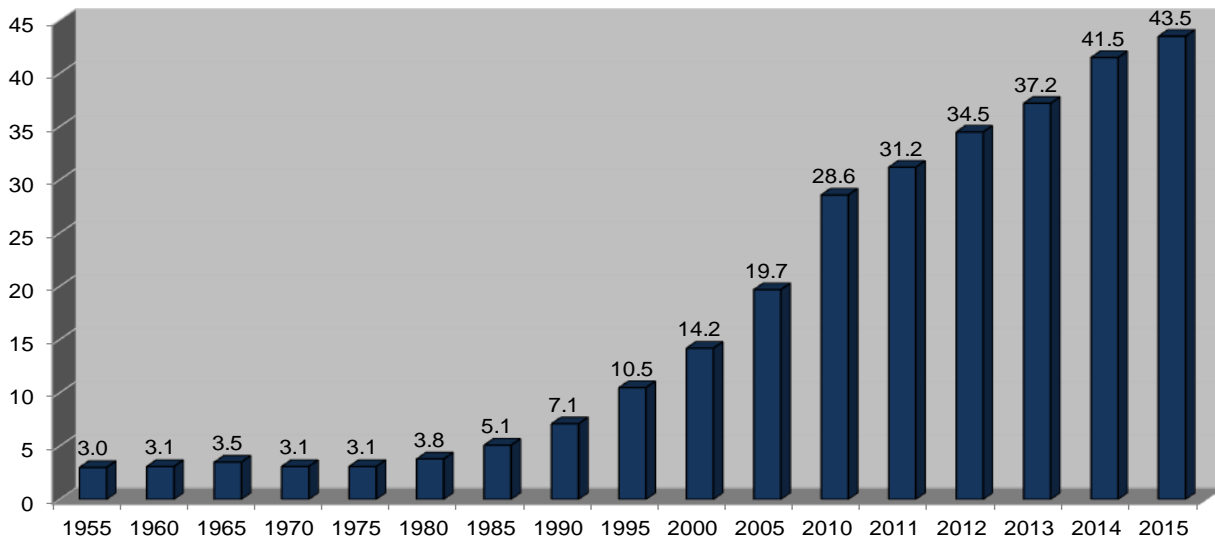


Chart 4
Retiree Benefits as a Percent of Active Pay



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 43%.

Table 4

**Number and Average Pay of Members in Active Service
as of December 31, 2015 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	35,274 \$50,656	11,100 \$41,841	5,823 \$50,538	5,725 \$53,674	5,738 \$55,598	3,456 \$58,454	2,169 \$58,558	1,263 \$57,518
Under 20	56 \$23,004	56 \$23,004						
20-24	1,072 \$33,000	1,057 \$32,994	15 \$33,412					
25-29	2,436 \$41,596	2,068 \$40,963	357 \$45,523	11 \$33,115				
30-34	3,297 \$48,344	1,797 \$43,570	1,048 \$54,427	428 \$53,225	24 \$53,177			
35-39	3,840 \$52,520	1,329 \$44,274	926 \$54,349	1,098 \$58,850	476 \$57,269	11 \$57,566		
40-44	4,746 \$54,785	1,212 \$44,217	792 \$53,482	961 \$57,568	1,374 \$60,783	392 \$62,233	15 \$55,173	
45-49	5,554 \$54,518	1,155 \$42,971	783 \$50,525	916 \$54,345	1,265 \$57,696	1,038 \$63,874	382 \$62,103	15 \$54,143
50-54	5,700 \$52,612	1,041 \$43,151	678 \$48,038	865 \$52,627	1,094 \$53,839	885 \$57,456	832 \$60,214	305 \$55,831
55-59	5,044 \$50,075	831 \$42,500	671 \$45,950	819 \$47,999	915 \$49,982	707 \$53,537	586 \$57,310	515 \$58,154
60-64	2,662 \$50,378	415 \$43,582	370 \$47,852	454 \$49,864	471 \$49,887	342 \$51,652	281 \$53,340	329 \$59,351
65 & Over	867 \$44,133	139 \$35,132	183 \$39,010	173 \$40,146	119 \$49,200	81 \$53,351	73 \$51,939	99 \$53,821

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, 2015
Tabulated by Attained Ages**

Age	Number
Under 50	639
50 - 54	1,182
55 - 59	3,597
60 - 64	8,344
65 - 69	8,470
70 - 74	5,605
75 - 79	3,885
80 - 84	2,783
85 - 89	1,791
90 - 94	851
95 - 99	229
100 & Over	17
Certain Only ¹	74
Total	37,467

¹ *These are beneficiaries of deceased retirees who had elected years 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, 2015
Average Annual Pension by Year of Retirement²**

Year of Retirement	Number	Average Annual Pension
Before 1960	2	\$ 825
1960 - 1969	27	5,976
1970 - 1979	391	7,463
1980 - 1989	2,504	10,501
1990 - 1999	7,116	17,473
2000 - 2009	14,332	22,690
2010 - 2015	13,095	22,849
Total	37,467	20,768

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, 2015

**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	30,533	81.6 %	\$ 57,313,229
Non-Duty Disability ¹	1,181	3.2	1,487,945
Duty Disability ¹	539	1.4	847,730
Beneficiaries ²	4,361	11.6	4,284,624
Non-Duty Death	797	2.1	850,715
Duty Death	<u>56</u>	<u>0.1</u>	<u>58,613</u>
Totals	37,467	100.0 %	\$ 64,842,856

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	11,441	30.5 %	\$ 20,742,113
Beneficiary draws 75% of retiree's benefit	2,367	6.3	5,708,540
Beneficiary draws 60% of retiree's benefit	292	0.8	937,453
Beneficiary draws 50% of retiree's benefit	5,580	14.9	11,286,113
Equated Option (changing at Social Security age)	452	1.2	420,376
5 year certain and life	309	0.8	478,315
10 year certain and life	809	2.2	1,536,668
15 year certain and life	223	0.6	335,968
20 year certain and life	431	1.2	619,036
Straight life allowance	<u>15,563</u>	<u>41.5</u>	<u>22,778,274</u>
Totals	37,467	100.0 %	\$ 64,842,856

Table 9
Valuation Divisions in 2015, 2014, and 2013 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities – see Table 1)

Benefit Formula	Number of Divisions with Benefit on December 31,		
	2015	2014	2013
1.00% Multiplier (80% max)	1	1	1
1.00% Multiplier (no max)	7	4	2
1.00% Multiplier (30% max, except for purchased service)	1	1	1
1.20% Multiplier (no max)	2	2	0
1.30% Multiplier (no max)	24	23	19
Svc x (1.00% times FAC < \$4,200, plus 1.50% times FAC > \$4,200)	7	7	6
1.50% Multiplier (80% max)	9	8	2
1.50% Multiplier (no max)	105	94	82
Svc x (1.20% times FAC < \$4,200, plus 1.70% times FAC > \$4,200)	14	15	15
1.70% Multiplier for Svc < 25 yrs, 1.50% for Svc > 25 yrs (80% max)	0	0	1
1.70% Multiplier (no max)	80	79	78
1.75% Multiplier (no max)	1	0	0
1.80% Multiplier (no max)	1	1	0
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
2.0% multiplier (80% max)	3	2	1
2.00% Multiplier (no max)	373	371	354
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	0	0
2.25% Multiplier (75% max)	1	0	0
2.25% Multiplier (80% max)	531	531	534
2.25% Multiplier (no max)	11	9	8
2.35% Multiplier (80% max)	3	3	4
2.40% Multiplier (80% max)	1	1	0
2.50% Multiplier (70% max)	1	1	1
2.50% Multiplier (75% max)	6	6	5
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)	904	909	916
2.50% Multiplier (no max)	9	9	7
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	0

Table 9 shows the distribution of benefit provisions in effect for the 2015 and past two valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Table 9 (Continued)
Valuation Divisions in 2015, 2014, and 2013 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities – see Table 1)

Benefit Formula	Number of Divisions with Benefit on December 31,		
	2015	2014	2013
2.60% Multiplier for Svc <25 yrs, 2.75% for Svc > 25 yrs (74% max)	1	0	0
2.60% Multiplier (65% max)	1	0	0
2.70% Multiplier for Svc < 25 yrs, 2.50% for Svc 25-30 yrs, 1.00% for Svc > 30 yrs (no max)	2	2	2
2.75% Multiplier (80% max)	21	21	20
2.75% Multiplier (85% max)	1	1	1
2.80% Multiplier (75% max)	1	1	1
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)	8	8	8
2.80% Multiplier (80% max)	17	17	17
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
3.00% Multiplier (80% max)	21	21	25
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	34	35
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	23	20	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	0	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	0	0
Frozen Benefit as of 1/1/16	3	0	0
Prepayment of Employer Contributions for Divisions 02, 13, and 20	1	1	1
Subtotal	2291	2259	2220
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	2
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	2
Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.50% Multiplier (no max)	11	7	4
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)	1	1	0
Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max)	1	0	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 2.00% Multiplier (no max)	5	4	3
Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (80% max)	1	1	0

Table 9 shows the distribution of benefit provisions in effect for the 2015 and past two valuations. MERS is a multiple-employer plan, where each municipality decides its benefit structure.

Table 9 (Concluded)
Valuation Divisions in 2015, 2014, and 2013 Valuations Tabulated by Benefit Formula
(Excludes the Divisions of Closed Municipalities – see Table 1)

Benefit Formula	Number of Divisions with Benefit on December 31,		
	2015	2014	2013
Bridged Benefit: 2.35% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max)	2	2	1
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)	7	7	5
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	0	0
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.90% Multiplier (80% max)	1	1	1
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max)	6	6	7
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (80% max)	2	1	0
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max)	13	9	9
Bridged Benefit: 2.80% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max)	5	4	3
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 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	0
Bridged Benefit: 1.80% Multiplier (no max) Termination FAC; to 2.00% Multiplier (no max)	1	1	0
Bridged Benefit: 2.00% Multiplier (no max) Termination FAC; to 2.25% Multiplier (80% max)	1	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 3.00% Multiplier (no max)	1	1	1
Bridged Benefit: 2.25% Multiplier (80% max) Termination FAC; to 1.50% Multiplier (80% max)	3	3	1
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: 2.80% Multiplier (80% max) Termination FAC; to 1.80% Multiplier (no max)	1	0	0
Bridged Benefit: 2.80% Multiplier (80% max) Termination FAC; to 2.00% Multiplier (no max)	1	0	0
Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.80% Multiplier (80% max)	3	3	0
Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max)	2	2	1
Bridged Benefit: Frozen Benefit for Svc before 1/1/2008; 2.50% Multiplier for Svc after 1/1/2008 (no max)	1	1	0
Bridged Benefit: Frozen Benefit for Svc before 4/1/2004; 2.50% Multiplier for Svc after 4/1/2004 (80% max)	2	2	0
Bridged Benefit: Frozen Benefit for Svc before 5/1/2012; 2.25% Multiplier for Svc after 5/1/2012 (no max)	5	5	0
Bridged Benefit: Frozen Benefit for Svc before 5/1/2012; 1.50% Multiplier for Svc after 5/1/2012 (no max)	5	5	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	0	0
Bridged Benefit Subtotal	119	102	69
Hybrid Plan - 1.00% Multiplier	47	41	38
Hybrid Plan - 1.25% Multiplier	49	38	29
Hybrid Plan - 1.50% Multiplier	54	48	42
Hybrid Plan - 1.75% Multiplier	4	3	2
Hybrid Plan - 2.00% Multiplier	1	0	0
Hybrid Plan Subtotal	155	130	111
Total Divisions	2565	2491	2400

Table 9 shows the distribution of benefit provisions in effect for the 2015 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 (8.00%; 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 (8.00%; 7.75% beginning with calendar year 2016).
- (ii) This value is written-up or written-down by recognizing 10% of the current year's difference between actual and expected return and 10% of that difference for the 9 prior years. Beginning with the December 31 2016 annual valuation, 20% of the difference is written-up or written-down. 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, 2005 is recognized over 9 years. The cumulative difference between the market value and valuation assets as of December 31, 2015 will be recognized over 4 years.

For the December 31, 2015 valuation, this procedure produced an actuarial asset value that is equal to 113.54% of market value (compared to 105.99%, 106.18%, 114.36%, and 120.58% in 2014, 2013, 2012, and 2011, 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, 2015 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 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%	0.11%	3	5.38%	5	0.31%
1.20% Multiplier (no max)	2	4.70%	1.68%	--	0.00%	2	1.68%
1.30% Multiplier (no max)	10	4.35%	3.32%	11	7.66%	21	4.82%
Svc x (1.00% times FAC<\$4,200, plus 1.50% times FAC>\$4,200)	2	0.47%	7.40%			2	7.40%
1.50% Multiplier (80% max)	7	5.30%	3.05%	1	7.31%	8	3.23%
1.50% Multiplier (no max)	70	4.15%	4.12%	22	8.12%	92	4.75%
Svc x (1.20% times FAC<\$4,200, plus 1.70% times FAC>\$4,200)	3	2.29%	6.63%	3	5.13%	6	6.56%
1.70% Multiplier (no max)	36	4.00%	6.62%	17	7.45%	53	6.72%
1.75% Multiplier (no max)	1	3.00%	3.68%			1	3.68%
2.00% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (55% max)	1	6.00%	8.02%			1	8.02%
2.00% Multiplier (75% max)	2	7.57%	2.51%			2	2.51%
2.00% Multiplier (80% max)	1	5.00%	4.25%			1	4.25%
2.00% Multiplier (no max)	145	4.36%	11.07%	76	13.29%	221	11.97%
2.20% Multiplier (no max)	2	5.00%	41.97%			2	41.97%
2.25% Multiplier (80% max)	178	4.99%	14.62%	66	17.50%	244	15.43%
2.25% Multiplier (no max)	4	4.79%	15.23%	1	19.71%	5	17.60%
2.35% Multiplier (80% max)	1	4.00%	1622.80%			1	1622.80%
2.40% Multiplier (80% max)	1	2.00%	32.48%			1	32.48%
2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (80% max)	1	5.00%	26.92%			1	26.92%
2.50% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max)	4	12.00%	40.68%			4	40.68%
2.50% Multiplier (80% max)	260	6.35%	20.20%	79	36.46%	339	22.35%
2.50% Multiplier (75% max)	1	7.00%	28.70%			1	28.70%
2.50% Multiplier (no max)	4	3.49%	23.78%	1	0.00%	5	23.78%
2.60% Multiplier (65% max)	1	11.50%	176.34%			1	176.34%
2.60% Multiplier for Svc < 25 yrs, 2.75% for Svc > 25 yrs (74% max)	1	11.50%	132.86%			1	132.86%
2.57% Multiplier for Svc < 25 yrs, 1.00% for Svc > 25 yrs (no max)	1	12.00%	27.15%			1	27.15%
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%	22.84%			1	22.84%
2.75% Multiplier (80% max)	10	8.05%	27.80%	1	29.31%	11	27.85%
2.8% for first 12 yrs 9 months, 1.8% for next 8 yrs 5 months; 2.0% for svc after 12/31/2012 (No max)	1	1.70%	25.93%			1	25.93%
2.80% Multiplier (80% max)	5	11.37%	26.75%	1	0.00%	6	25.90%
2.80% Multiplier for Svc < 35 yrs, 1.50% for Svc > 35 yrs (100% max)	1	2.90%	7.43%			1	7.43%
3.00% Multiplier (80% max)	9	6.28%	40.77%			9	40.77%
3.00% Multiplier (75% max)	1	10.35%	19.87%			1	19.87%
3.20% Multiplier (80% max)	3	14.30%	38.27%			3	38.27%
2.00% to Social Security Age (no max), 1.50% after SS Age (no max)				1	17.57%	1	17.57%

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 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. %
2.00% to Social Security Age (no max), after SS Age Svc x (1.2% FAC<\$4,200, 1.7% FAC>\$4200)				1	8.49%	1	8.49%
2.00% to Social Security Age (no max), 1.70% after SS Age (no max)	12	5.09%	10.84%	4	7.93%	16	10.58%
2.50% to Social Security Age (80% max), 2.25% after SS Age (80% max)	2	0.94%	18.54%			2	18.54%
Retire Before 25 Years: 1.70% Multiplier (no max); Retire After 25 Years: 2.00% Multiplier (no max)	1	5.65%	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	0.01%	1	0.01%
Bridged Benefit: 1.70% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max)				1	0.01%	1	0.01%
Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.50% Multiplier (no max)	6	1.79%	3.84%			6	3.84%
Bridged Benefit: 2.00% Multiplier (no max) Frozen FAC; to 1.70% Multiplier (no max)	2	2.07%	10.75%			2	10.75%
Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.30% Multiplier (no max)	1	5.00%	26.08%			1	26.08%
Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max)	2	5.00%	17.13%			2	17.13%
Bridged Benefit: 2.25% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max)				1	19.40%	1	19.40%
Bridged Benefit: 2.35% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max)	2	5.00%	64.67%			2	64.67%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.50% Multiplier (no max)	3	4.66%	19.28%	1	17.52%	4	18.72%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.70% Multiplier (no max)	1	5.00%	11.24%			1	11.24%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.75% Multiplier (no max)	1	13.82%	15.00%			1	15.00%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 1.90% Multiplier (80% max)	1	8.00%	227.38%			1	227.38%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.00% Multiplier (no max)	1	10.83%	10.83%			1	10.83%
Bridged Benefit: 2.50% Multiplier (80% max) Frozen FAC; to 2.25% Multiplier (80% max)	3	7.10%	36.08%			3	36.08%
Bridged Benefit: 2.80% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max)	1	12.00%	33.23%			1	33.23%
Bridged Benefit: 3.00% Multiplier (80% max) Frozen FAC; to 2.50% Multiplier (80% max)	3	5.66%	40.61%			3	40.61%
Bridged Benefit: 1.50% Multiplier (no max) Frozen FAC; to 2.00% Multiplier (no max)	4	5.00%	6.34%			4	6.34%
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%	6.62%			1	6.62%
Bridged Benefit: 2.00% Multiplier (no max) Termination FAC; to 2.25% Multiplier (80% max)	1	6.00%	9.35%			1	9.35%
Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 3.00% Multiplier (no max)				1	26.03%	1	26.03%
Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 2.25% Multiplier (80% max)	2	3.35%	34.96%			2	34.96%
Bridged Benefit: 3.00% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max)	1	12.67%	23.69%			1	23.69%
Hybrid Plan - 1.00% Multiplier				47	4.91%	47	4.91%
Hybrid Plan - 1.25% Multiplier				49	6.07%	49	6.07%
Hybrid Plan - 1.50% Multiplier				54	8.13%	54	8.13%
Hybrid Plan - 1.75% Multiplier				4	5.94%	4	5.94%
Hybrid Plan - 2.00% Multiplier				1	10.13%	1	10.13%
Total	823	5.60%	15.97%	448	15.18%	1271	15.77%

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	1747	RS 50%	149	D-2 (25%)	73
52	2	55/10	13	RS 60%	21	D-2 (55%)	1
55	42	55/15	1977	RS 100%	1	D-2 (70%)	11
58	6	0/25	1	Sub.75%	15	D-2 (67%)	8
59	2					D-2 (50% Dth; 67% Dsb)	1
60	2484			COLA for Existing Retirees		D-2 (67% Dth; 50% Dsb)	17
Old Plan Benefits	23	Vesting		0.5% Non-Compound	1	D-2 No Svc Proj	18
		3 years	1	2.5% Non-Compound	283		
Unreduced Retirement		5 years	31	2.0% Non-Compound	2	Disability and Death Provisions	
50/20	3	6 years	578	2.0% Compound	25	DD 50% FAC Min	2
50/25	450	7 years	2	3.0% Compound	10	NDD/Dsb 25% FAC Min	6
50/28	2	8 years	214	2.0% Compound; CPI Limit	1	NDsb 55% FAC Min	1
50/30	7	10 years	1,699	CPI (Compound; 3% Limit) to Age 65	2	NDD15% FAC Min	17
52/10	2	15 years	16	CPI (Compound; 4% Limit for Some)	1	Non Dty Dsb Elg: 10 Years	4
53/25	5	Old Plan Vesting	23	\$300 Annual Flat	1	NDD/Dsb Elg: 1 year	6
55/10	12			2% Compound: Years 6-15	2		
55/15	340	FAC Period		COLA for Future Retirees		Other Provisions	
55/20	239	2 years	14	0.5% Non-Compound	1	PRO	1
55/25	679	3 years	1,177	2.5% Non-Compound	672	SLIF	54
55/30	68	4 years	3	1.0% Non-Compound	8	AWD TBill	32
57/25	2	5 years	1,340	2.0% Non-Compound	3	AWD 8%	7
58/8	1	3 of 5 years	4	1.0% Compound	1	DROP+ 4%	2
60/10	7	5 of 10 years	3	2.0% Compound	23	DROP: Traditional	1
		3 years (\$ max)	3	\$300 Annual Flat	1	Late Retirement	1
Unreduced Retirement		Old Plan Benefits	23	2.5% Non-Compound - commencing at age 54	2	Deferred GrowNRD	4
6 & out	1						
20 & out	21						
21 & out	1						
22 & out	4						
23 & out	5						
25 & out	150						
30 & out	11						
65 Points	2						
80 Points	1						
85 Points	6						

Table 11 shows the distribution of Additional Benefit Programs in effect (by division) for the 2015 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 717 Participating Municipalities as of December 31, 2015 and the 713 Participating Municipalities as of December 31, 2014

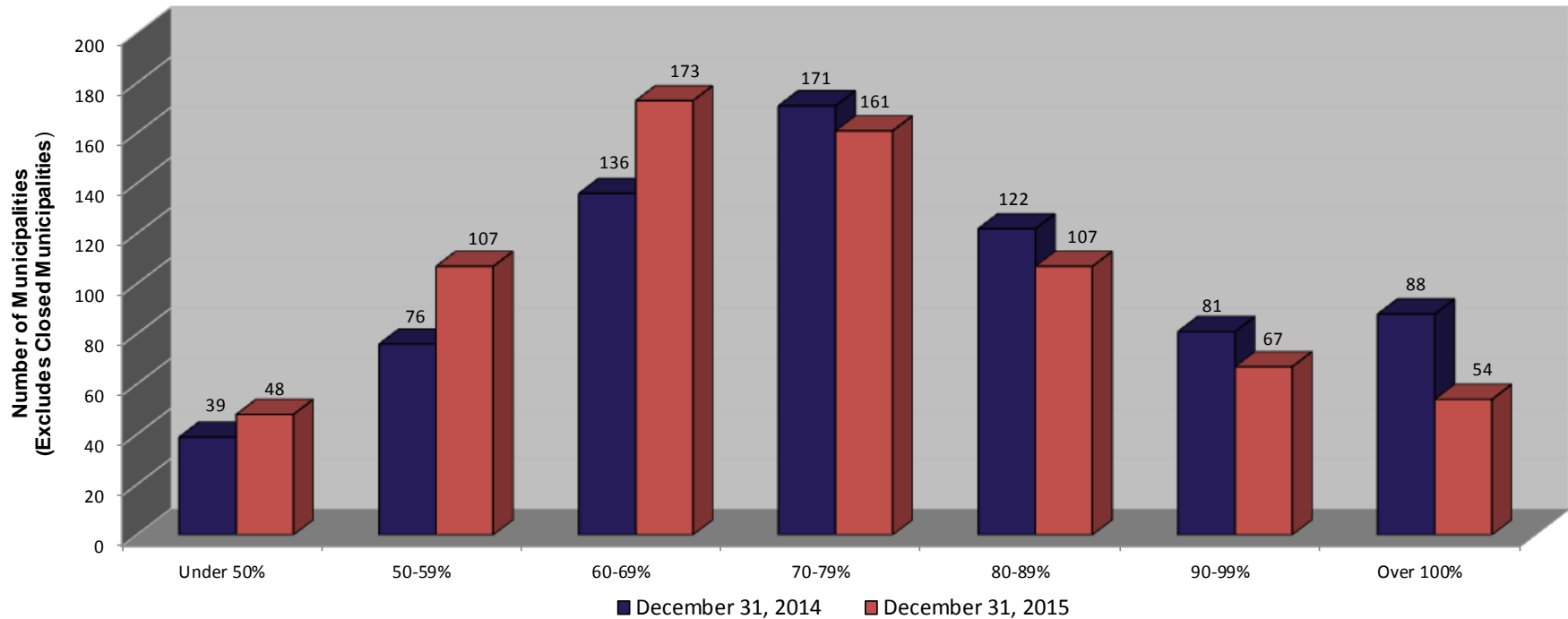


Chart 5 provides a distribution of the active municipalities by funded percentage of the entire municipality, comparing 2015 and 2014. 389 municipalities in MERS are funded at 70% or higher (54% of all municipalities). 54 municipalities (7.5% of all municipalities) are funded at 100% or more. The average funded percentage is 74% in 2015 and 78% in 2014.

Chart 6

Distribution of Municipality Divisions by Employer Contribution Rate

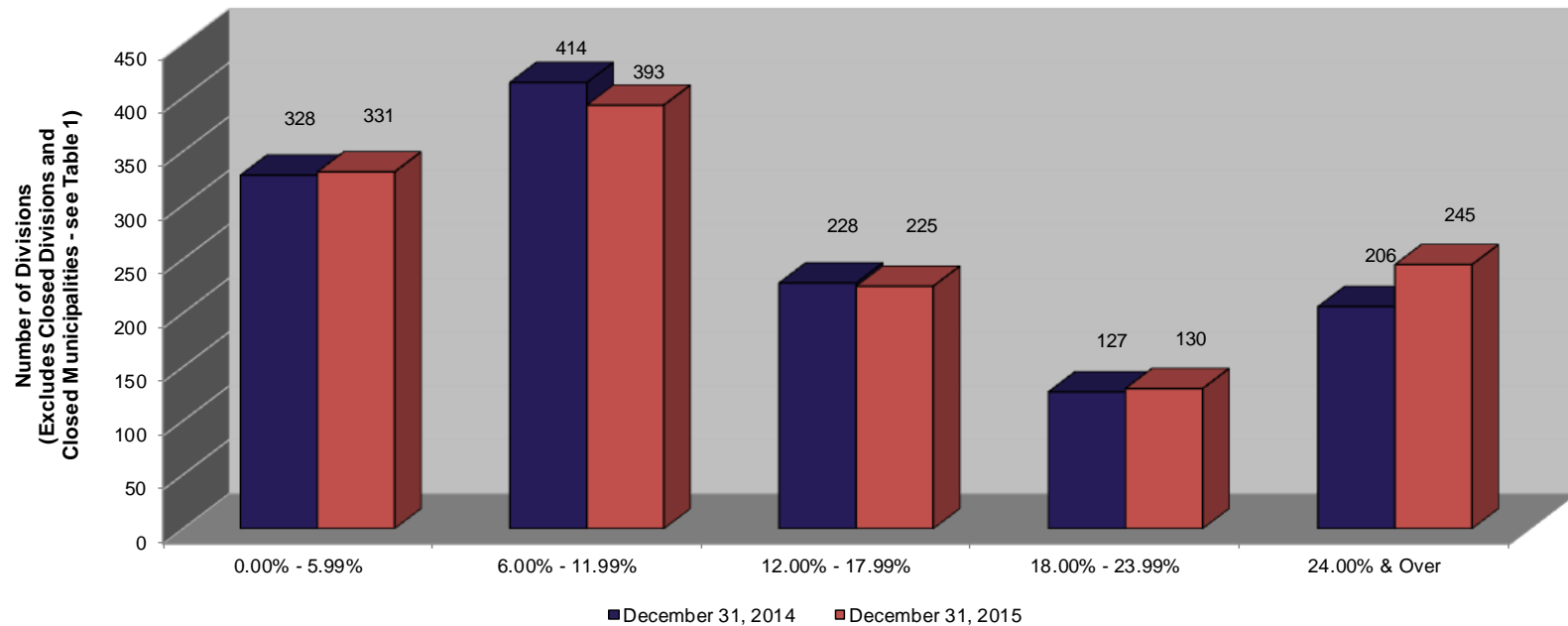


Chart 6 provides a distribution of divisions by employer contribution rate for divisions that are open to new hires, comparing 2015 and 2014. Note that:

- The average employer contribution rate is 15.77% in the 2015 valuations, compared to 13.96% in the 2014 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, 2015 VALUATION RESULTS
BY MUNICIPALITY**

MERS 12/31/2015 Valuation – Results By Municipality

Municipality Name	Number	Number	Fiscal Year	Number	Active	Number	Annual	Annual	Annual
		of Divisions	Beginning	of Active	Salary	of Retirees	Benefits in Force	Deferred Vested	Deferred Benefits
Alcona Co	0101	8	01/01/2017	48	1,763,240	56	709,386	10	50,964
Alger CRC	0201	1	01/01/2017	24	1,284,418	38	652,578	1	14,729
Munising, City of	0202	3	07/01/2017	21	952,030	26	457,109	5	36,494
Alger Co	0203	9	01/01/2017	33	1,495,263	32	567,109	3	15,258
Allegan CRC	0301	4	01/01/2017	48	2,273,078	72	1,685,901	5	71,778
Allegan Co	0302	14	01/01/2017	75	4,634,051	271	4,140,018	62	444,670
Douglas, City of Vlg of	0303	3	03/01/2017	18	906,913	13	126,769	9	51,770
Wayland, City of	0304	2	07/01/2017	18	890,475	18	330,004	8	46,910
Saugatuck Twp	0305	2	07/01/2017	4	210,412	4	65,363	2	15,865
Kalamazoo Lake Swr & Wtr Auth	0306	2	03/01/2017	6	307,850	8	114,359	4	36,595
Saugatuck, City of	0307	2	07/01/2017	8	431,705	10	100,096	2	6,987
Interurban Trans Auth	0308	1	10/01/2017	6	254,053	2	66,379	0	0
Allegan, City of	0309	5	07/01/2017	9	624,713	6	131,384	5	83,599
Henika Dist Lib	0310	1	01/01/2017	1	38,705	1	26,886	0	0
Manlius Twp	0311	1	04/01/2017	6	109,856	1	4,818	1	2,075
Saugatuck Twp Fire Dist	0313	1	07/01/2017	4	200,376	1	31,803	0	0
Alpena Co	0401	8	01/01/2017	86	3,343,050	111	1,305,517	28	169,010
Alpena CRC	0402	1	01/01/2017	16	794,386	44	839,145	1	7,490
26th Jud Cir Ct	0403	1	01/01/2017	17	537,193	20	205,557	20	102,105
Alpena Sr Citizens Ctr	0404	1	10/01/2017	0	0	7	74,229	0	0
Alpena Rgnl Med Ctr	0405	5	07/01/2017	217	13,447,421	473	10,181,606	101	1,588,355
Alpena HC	0406	1	01/01/2017	6	334,367	1	26,578	1	11,706
Antrim CRC	0501	2	01/01/2017	34	1,403,749	41	830,286	1	16,620
Antrim Co	0502	6	01/01/2017	325	13,551,307	184	1,801,472	64	491,262
Central Lake, Vlg of	0504	1	03/01/2017	5	188,774	0	0	1	2,407
Elk Rapids, Vlg of	0506	1	03/01/2017	17	774,516	3	81,629	2	15,440
Standish, City of	0601	1	07/01/2017	2	92,429	12	192,509	1	10,081
Au Gres, City of	0602	2	04/01/2017	1	50,249	9	215,845	0	0
Arenac Co	0603	7	01/01/2017	39	1,532,164	66	612,800	19	129,722
Arenac CRC	0604	3	01/01/2017	17	778,702	33	522,374	1	8,158
Sterling, Vlg of	0605	1	04/01/2017	1	42,888	1	4,976	0	0
Sims Whitney Util Auth	0606	1	07/01/2017	2	103,124	2	9,236	0	0
Baraga CRC	0701	5	10/01/2017	20	875,190	35	565,326	2	37,007
Baraga Co	0702	2	01/01/2017	27	1,158,719	29	395,458	8	53,684
Baraga Co Memorial Hosp	0703	2	10/01/2017	59	2,717,391	125	1,199,338	33	280,093
Baraga, Vlg of	0704	3	03/01/2017	10	423,060	12	259,512	1	3,422
L'Anse, Vlg of	0705	1	07/01/2017	18	858,992	19	431,388	1	1,586
Hastings, City of	0801	11	07/01/2017	59	2,137,801	69	1,120,327	13	85,340
Barry Co	0802	16	01/01/2017	432	17,239,882	217	3,122,422	67	531,309
Middleville, Vlg of	0803	6	01/01/2017	8	372,925	9	89,537	3	12,528
Barry Co CMH Auth	0804	2	04/01/2017	71	2,982,096	3	45,477	12	132,359
Nashville, Vlg of	0807	1	03/01/2017	6	229,114	0	0	0	0
Bay City, City of	0901	7	07/01/2017	48	2,615,210	288	5,828,950	14	201,445
MBS Intl Arpt	0902	5	01/01/2017	25	1,120,263	23	682,950	3	37,420
Essexville, City of	0903	6	07/01/2017	19	938,908	23	527,242	5	45,342
Pinconning, City of	0904	4	07/01/2017	7	272,446	16	169,981	0	0
Auburn, City of	0905	2	07/01/2017	5	174,186	8	202,718	1	13,291
Bay City HC	0906	2	10/01/2017	10	548,779	19	419,265	0	0
Bay Metro Trans Auth	0907	3	10/01/2017	85	3,630,127	47	558,528	13	56,928
Benzie CRC	1001	4	01/01/2017	28	1,010,029	40	591,233	9	94,416
Frankfort, City of	1002	4	07/01/2017	12	589,360	18	226,112	3	19,590
Benzie Co	1003	9	10/01/2017	91	3,667,165	66	856,865	34	238,352
Benzie Co MCF (The Maples)	1004	2	01/01/2017	90	3,128,002	54	508,587	27	132,635
Benzie Shores Dist Lib	1005	1	07/01/2017	1	76,064	0	0	0	0
Benzie Co Comm on Aging	1006	1	10/01/2017	8	281,513	5	52,255	4	27,060
Benzie Trans Auth	1007	1	10/01/2017	18	658,009	3	7,416	0	0
Buchanan, City of	1101	4	07/01/2017	26	1,390,319	35	424,931	6	56,256
Berrien Springs, Vlg of	1102	1	07/01/2017	10	392,993	9	109,023	2	16,255
Paw Paw Lk Reg Jnt Swg Disp Bd	1103	1	04/01/2017	4	240,229	1	44,247	0	0
Eau Claire, Vlg of	1104	1	03/01/2017	1	45,460	4	47,851	0	0
Niles Dist Lib	1105	1	10/01/2017	12	417,310	7	56,805	0	0
Howard Twp	1106	1	04/01/2017	2	54,486	1	4,568	1	3,103
Coloma Chtr Twp	1107	2	04/01/2017	13	670,006	3	114,222	3	48,153
Buchanan Dist Lib	1108	1	07/01/2017	5	163,599	1	3,673	1	5,546
Baroda Lake Twp Police Dept	1109	1	04/01/2017	4	248,132	1	12,131	1	683
Bridgman, City of	1110	2	07/01/2017	17	812,168	5	49,821	3	32,592
Chikaming Twp	1112	2	04/01/2017	15	657,074	6	127,941	1	19,005
New Buffalo, City of	1113	1	07/01/2017	22	1,075,161	5	80,683	8	55,430
Oronoko Chtr Twp	1114	2	01/01/2017	10	561,426	6	130,477	4	21,337
Grand Beach, Vlg of	1117	1	11/01/2017	8	412,974	0	0	0	0
Coloma, City of	1118	1	04/01/2017	6	257,403	0	0	0	0
SW Mich Comm Amb Svcs	1119	1	07/01/2017	14	809,309	3	99,860	1	15,038

MERS 12/31/2015 Valuation – Results By Municipality

<u>Municipality Name</u>	<u>Number</u>	<u>Number of Divisions</u>	<u>Fiscal Year Beginning</u>	<u>Number of Active</u>	<u>Active Salary</u>	<u>Number of Retirees</u>	<u>Annual Benefits in Force</u>	<u>Annual Deferred Vested</u>	<u>Annual Deferred Benefits</u>
Benton Harbor, City of	1120	4	07/01/2017	39	1,485,263	94	2,222,666	4	69,681
Coldwater, City of	1201	7	07/01/2017	17	1,076,920	61	1,149,428	7	73,043
Branch-Hillsdale-St Joseph Com	1202	1	01/01/2017	58	2,408,692	50	639,749	19	180,031
Coldwater Brd of Pub Util	1203	2	07/01/2017	14	917,357	37	831,092	8	95,223
Bronson, City of	1204	2	07/01/2017	10	521,335	5	77,966	4	45,438
Branch Co	1205	14	01/01/2017	548	27,622,888	87	1,390,453	19	229,165
Albion, City of	1301	6	01/01/2017	27	1,238,091	103	1,019,255	16	105,646
Battle Creek, City of	1302	13	07/01/2017	335	17,249,182	388	9,336,445	44	607,646
Springfield, City of	1303	4	07/01/2017	15	641,708	41	820,430	18	306,135
Homer, Vlg of	1304	1	01/01/2017	8	273,503	10	89,396	15	51,594
Marshall, City of	1306	5	07/01/2017	60	3,714,381	87	2,120,934	16	164,187
Willard Pub Lib	1308	2	07/01/2017	30	1,821,734	2	22,397	1	4,770
Marshall Dist Lib	1309	1	07/01/2017	0	0	1	29,730	0	0
Emmett, Chtr Twp	1310	2	04/01/2017	25	1,299,659	11	181,079	8	92,490
Calhoun Co	1311	8	01/01/2017	558	26,348,986	240	4,361,183	59	572,776
Pennfield Chtr Twp	1312	1	04/01/2017	15	640,457	6	93,228	1	12,089
Marshall Area Firefighters Amb	1313	1	07/01/2017	17	878,758	0	0	1	5,584
Calhoun Co Conso Dispatch Auth	1316	3	01/01/2017	14	826,187	5	170,743	4	53,338
Dowagiac, City of	1401	6	10/01/2017	47	2,440,838	56	1,094,621	14	141,941
Cass Co	1402	8	10/01/2017	154	7,286,277	86	1,265,364	19	132,586
Cass Co MCF	1403	2	10/01/2017	77	3,174,348	41	324,615	8	66,105
Cass Dist Lib	1404	1	01/01/2017	12	389,510	5	31,879	5	16,990
Dowagiac HC	1405	2	10/01/2017	4	145,171	1	3,308	2	4,712
Dowagiac Dist Lib	1406	2	10/01/2017	2	76,319	1	2,862	0	0
Charlevoix CRC	1501	3	01/01/2017	35	1,343,089	39	507,332	9	85,658
NW Mich Cmnty Hlth Agcy	1502	1	01/01/2017	8	446,795	34	416,534	7	42,443
Charlevoix Co	1503	6	01/01/2017	345	12,913,718	178	2,280,518	55	438,454
East Jordan, City of	1504	4	07/01/2017	17	745,195	21	303,245	5	47,697
Charlevoix, City of	1505	3	04/01/2017	45	2,601,560	41	859,292	2	36,067
Boyne City, City of	1506	3	05/01/2017	17	951,343	36	541,522	4	18,022
Jordan Valley Dist Lib	1507	1	07/01/2017	1	63,383	0	0	1	7,158
Boyne City HC	1508	1	10/01/2017	3	120,864	3	62,528	3	37,754
Jordan Valley EMS Auth	1509	2	04/01/2017	4	162,833	0	0	1	9,672
Cheboygan CRC	1601	3	01/01/2017	39	1,440,708	61	1,272,915	6	93,097
Cheboygan, City of	1602	5	07/01/2017	25	1,201,464	33	599,386	3	25,780
Cheboygan Co	1603	4	01/01/2017	141	5,595,966	87	1,136,543	14	146,617
Tuscarora Twp	1604	1	07/01/2017	8	451,893	4	82,603	0	0
Mackinaw City, Vlg of	1606	1	03/01/2017	5	264,088	1	25,556	1	15,066
Sault Ste. Marie, City of	1701	8	07/01/2017	79	3,769,203	88	1,910,498	8	79,348
Superior Dist Lib	1702	1	07/01/2017	9	256,426	6	65,291	1	5,472
Chippewa Co	1703	15	01/01/2017	170	7,802,250	162	2,350,566	29	202,132
Chippewa CRC	1704	2	01/01/2017	63	3,076,955	84	1,234,265	4	44,249
E UP Trans Auth	1705	2	10/01/2017	20	1,014,732	25	662,737	3	23,182
Detour, Vlg of	1706	1	04/01/2017	7	155,026	6	37,887	1	7,641
Hiawatha Bhvrl Hlth	1707	6	10/01/2017	21	854,893	68	976,876	41	306,090
Drummond Island Twp	1708	1	04/01/2017	2	91,385	0	0	1	2,220
E UP Reg Planning & Dev Comm	1709	1	10/01/2017	5	207,378	0	0	0	0
Clare CRC	1801	4	07/01/2017	34	1,403,341	39	732,380	4	90,281
Clare Co	1802	4	01/01/2017	149	5,831,697	81	1,124,877	30	234,875
Harrison, City of	1803	1	01/01/2017	12	552,949	9	118,151	1	2,208
Clare, City of	1804	2	07/01/2017	28	1,257,889	25	526,811	6	72,458
Farwell, Vlg of	1805	1	03/01/2017	5	177,263	2	38,274	1	13,832
Clare Co Trans Auth	1806	1	10/01/2017	3	140,960	1	8,895	1	1,368
Harrison District Library	1807	1	01/01/2017	2	54,524	1	12,871	0	0
Clinton CRC	1901	6	01/01/2017	44	2,169,911	50	1,195,901	4	51,570
St Johns, City of	1902	3	07/01/2017	16	889,705	55	1,356,280	3	19,729
Clinton Co	1903	6	01/01/2017	137	7,060,695	149	2,379,195	36	384,817
Fowler, Vlg of	1904	1	01/01/2017	3	141,481	1	9,627	1	4,786
SCCMUA	1905	2	01/01/2017	12	669,546	9	167,141	6	70,286
Elsie, Vlg of CLD	1906	1	04/01/2017	0	0	2	4,843	1	8,578
Westphalia, Vlg of	1907	1	03/01/2017	2	132,668	2	14,536	0	0
DeWitt, City of	1908	6	07/01/2017	16	873,688	17	331,390	11	69,418
Bath Charter Twp	1909	1	01/01/2017	24	1,395,633	10	274,221	4	41,473
DeWitt Chtr Twp	1910	2	01/01/2017	14	902,302	6	222,017	5	56,353
Crawford Co	2001	7	10/01/2017	49	2,315,271	76	1,057,601	24	148,579
Crawford CRC	2002	3	01/01/2017	27	1,325,779	30	559,373	0	0
Grayling, City of	2003	5	07/01/2017	6	312,938	20	307,381	4	42,077
Crawford Co Trans Auth	2004	1	10/01/2017	23	823,754	11	247,617	2	30,131
Escanaba, City of	2101	6	07/01/2017	48	2,342,307	112	2,161,854	14	133,811
Delta Co	2102	8	10/01/2017	52	2,410,300	112	2,147,019	17	185,406
Delta-Menominee Dist Hlth Dept	2103	2	01/01/2017	41	1,480,198	32	444,525	29	179,134
Delta CRC	2105	5	01/01/2017	34	1,371,526	41	751,082	2	18,599

MERS 12/31/2015 Valuation – Results By Municipality

<u>Municipality Name</u>	<u>Number</u>	<u>Number of Divisions</u>	<u>Fiscal Year Beginning</u>	<u>Number of Active</u>	<u>Active Salary</u>	<u>Number of Retirees</u>	<u>Annual Benefits in Force</u>	<u>Annual Deferred Vesteds</u>	<u>Annual Deferred Benefits</u>
Gladstone, City of	2106	4	04/01/2017	13	760,520	38	833,913	3	14,608
Delta Area Transit Auth	2107	1	10/01/2017	1	53,077	0	0	0	0
Iron Mountain, City of	2201	4	07/01/2017	22	1,041,991	44	925,532	4	20,761
Kingsford, City of	2202	5	07/01/2017	18	856,106	22	439,765	2	14,444
Dickinson CRC	2203	2	01/01/2017	21	1,013,330	45	766,348	9	74,126
Norway, City of	2204	4	07/01/2017	22	1,402,849	44	1,216,672	0	0
Iron Mountain-Kingsford Swg	2205	1	07/01/2017	5	266,597	2	32,208	1	8,881
Dickinson Co	2206	8	01/01/2017	84	3,842,967	86	1,725,988	17	194,363
Northpointe Bhvrl Hlth Sys	2207	4	10/01/2017	63	3,268,460	41	497,502	35	307,146
Charlotte, City of	2301	8	07/01/2017	46	2,443,516	59	1,322,154	17	225,611
Eaton Co	2302	10	10/01/2017	361	18,536,741	271	7,676,770	62	807,747
Barry Eaton Dist Hlth Dept	2303	3	01/01/2017	61	2,700,051	86	1,198,557	40	297,998
Dimondale, Vlg of	2304	1	03/01/2017	3	143,221	5	42,574	1	15,341
Eaton Co Hlth & Rehab Svcs	2305	4	01/01/2017	221	8,198,547	48	391,109	9	60,531
Delta Chtr Twp	2306	1	01/01/2017	38	2,359,565	16	686,364	6	101,104
Eaton Rapids, City of	2307	8	01/01/2017	35	2,030,058	31	910,088	10	85,937
MERS	2308	1	01/01/2017	121	9,694,637	30	552,173	34	546,652
Charlotte Dist Lib	2309	2	01/01/2017	5	173,005	4	60,753	0	0
Grand Ledge Area ESA	2310	1	07/01/2017	10	549,434	2	13,390	5	26,965
Looking Glass Rgnl Fire CLD	2311	1	01/01/2017	0	0	1	8,061	2	8,055
Grand Ledge, City of	2312	2	07/01/2017	10	477,402	4	146,817	3	46,479
Potterville, City of	2313	1	07/01/2017	10	433,298	1	27,306	2	2,920
Grand Ledge Area Dist. Library	2316	1	07/01/2017	1	72,650	0	0	0	0
Emmet CRC	2401	2	01/01/2017	11	655,521	42	933,022	2	8,527
Petoskey, City of	2402	5	01/01/2017	66	4,241,060	73	1,352,394	12	164,286
Pellston, Vlg of	2404	1	01/01/2017	3	90,237	0	0	0	0
Harbor Springs, City of	2405	1	01/01/2017	25	1,422,674	7	207,946	0	0
Harbor Springs Area Swg Auth	2406	1	01/01/2017	6	307,233	2	24,077	0	0
Lakeview Cemetery	2407	1	01/01/2017	2	70,525	0	0	0	0
Beecher Metro Dist Swg&Wtr	2501	2	07/01/2017	6	389,728	15	419,695	1	15,164
Flushing, City of	2502	5	07/01/2017	19	1,274,583	42	1,115,511	3	43,004
Mt. Morris Chtr Twp	2503	6	04/01/2017	46	2,522,275	52	1,705,262	7	46,214
Swartz Creek, City of	2504	3	07/01/2017	8	482,539	20	663,122	1	9,917
Fenton, City of	2505	11	07/01/2017	45	2,679,468	42	896,155	4	70,893
Otisville, Vlg of	2506	2	07/01/2017	4	151,785	3	72,892	2	9,744
Bishop Intl Arpt Auth	2507	1	01/01/2017	32	1,887,466	12	207,026	1	12,276
Burton, City of	2508	5	07/01/2017	94	5,107,453	85	3,059,075	14	134,139
Montrose, City of	2509	2	07/01/2017	4	149,870	6	71,201	8	45,384
Genesee Chtr Twp	2510	1	01/01/2017	32	1,520,787	43	983,261	9	141,091
Grand Blanc Chtr Twp	2511	2	01/01/2017	46	3,032,637	22	829,276	1	898
Flint, Chtr Twp of	2512	5	01/01/2017	53	3,079,427	41	1,629,055	8	112,692
Grand Blanc, City of	2513	4	06/01/2017	29	1,856,583	19	838,297	2	29,340
Richfield Twp (Genesee Co)	2514	2	07/01/2017	14	728,998	7	234,434	4	44,224
Flushing, Chtr Twp of	2515	3	04/01/2017	10	538,362	14	398,506	4	16,131
Davison, City of	2516	5	07/01/2017	17	910,098	17	659,808	3	26,751
Mundy, Chtr Twp of	2517	2	01/01/2017	29	1,535,806	13	351,378	3	35,077
Flint Pub Lib	2518	1	07/01/2017	17	710,119	2	16,697	9	56,890
Davison Twp	2519	2	07/01/2017	43	2,511,851	9	369,337	3	43,499
Hurley Med Ctr	2521	13	07/01/2017	1,920	109,316,532	1,863	38,124,589	296	4,650,319
Vienna, Chtr Twp of	2522	1	01/01/2017	7	260,032	5	111,572	2	15,413
Clio, City of	2523	1	07/01/2017	16	659,933	5	59,126	5	35,141
Davison Richfield Sr CCA	2525	1	07/01/2017	1	47,006	1	28,339	0	0
Flint, City of	2530	19	07/01/2017	347	18,783,674	1,800	50,631,703	95	1,954,354
Gladwin CRC	2601	3	01/01/2017	31	1,279,355	35	992,044	4	56,796
Gladwin Co	2602	9	01/01/2017	82	3,382,771	80	1,079,054	23	159,453
Butman Twp CLD	2604	1	07/01/2017	0	0	2	4,088	1	3,984
Gladwin, City of	2605	2	07/01/2017	8	424,911	1	19,359	0	0
Gladwin Co Dist Lib	2607	1	01/01/2017	6	173,279	5	48,766	0	0
Gladwin City HC	2608	1	07/01/2017	17	667,897	11	187,105	4	34,121
Wakefield, City of	2701	1	07/01/2017	13	556,483	21	395,765	1	15,504
Bessemer, City of	2702	1	07/01/2017	12	573,298	12	139,014	2	15,804
Gogebic-Iron WWTR Auth	2703	1	07/01/2017	7	404,922	5	101,186	0	0
Marenisco Twp	2704	2	04/01/2017	4	156,729	1	19,601	0	0
Ironwood, City of	2706	9	07/01/2017	41	1,960,538	81	1,339,035	5	77,861
Traverse City, City of	2801	5	07/01/2017	92	5,597,405	125	2,514,355	26	275,233
Grand Traverse CRC	2802	2	01/01/2017	2	93,103	59	970,324	3	36,828
Grand Traverse Co	2803	14	01/01/2017	80	4,213,993	276	6,519,458	47	417,902
NW Rgnl Arpt Comm	2805	2	01/01/2017	22	1,167,941	11	333,953	3	28,612
Traverse Area Dist Lib	2807	1	01/01/2017	37	1,785,090	30	425,593	2	7,449
Northern Lakes CMH Auth	2808	3	01/01/2017	27	1,399,881	103	1,774,023	12	150,085
Grand Traverse Pavilions	2809	5	01/01/2017	379	15,117,289	162	1,339,334	110	545,950
Bay Area Trans Auth	2810	2	10/01/2017	93	3,311,305	35	214,661	16	109,471

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Traverse City Light & Power	2811	3	07/01/2017	34	2,736,729	55	1,776,403	6	99,762
Alma, City of	2901	6	07/01/2017	72	3,147,432	85	1,308,409	9	85,874
St Louis, City of	2902	4	07/01/2017	5	311,442	31	625,351	5	26,605
Gratiot CRC	2903	2	01/01/2017	33	1,557,005	57	1,110,529	1	9,585
Ithaca, City of	2904	3	07/01/2017	4	182,060	18	361,417	5	32,807
Gratiot Co	2905	5	01/01/2017	50	2,413,194	94	1,388,646	15	126,609
Breckenridge,Vlg of	2906	2	03/01/2017	10	311,973	9	194,216	5	21,613
St Louis HC	2908	1	07/01/2017	3	136,686	1	21,858	0	0
Perrinton, Vlg of	2909	1	03/01/2017	1	43,350	0	0	1	5,874
Hillsdale, City of	3001	8	07/01/2017	66	3,426,822	73	1,456,515	14	210,559
Mich S Central Power Agcy	3002	3	07/01/2017	42	3,009,338	26	629,986	9	125,318
Reading, City of	3003	1	07/01/2017	3	121,496	4	16,693	4	5,490
Hillsdale CRC	3004	2	01/01/2017	44	2,002,880	34	548,173	2	7,620
Hillsdale Co	3005	2	01/01/2017	35	1,799,823	15	265,325	4	37,484
Litchfield, City of	3006	1	07/01/2017	8	351,037	6	110,270	1	12,331
Hillsdale HC	3007	1	07/01/2017	2	86,839	1	8,454	0	0
W UP Dist Hlth Dept	3101	2	01/01/2017	24	1,004,502	84	912,970	51	329,356
Houghton Co	3102	10	01/01/2017	95	4,160,555	98	1,562,890	12	148,190
Houghton CRC	3103	1	01/01/2017	7	418,193	8	251,608	0	0
Laurium, Vlg of	3104	2	03/01/2017	12	415,670	11	99,527	2	6,348
Lake Linden, Vlg of	3105	2	03/01/2017	5	218,247	8	100,147	3	7,032
N Houghton Co Wtr&Swg Auth	3106	1	01/01/2017	2	132,148	0	0	1	4,337
Hancock, City of	3107	1	07/01/2017	13	696,554	4	96,887	0	0
WUPPDR	3108	1	10/01/2017	5	154,890	3	101,559	1	15,851
Houghton, City of	3109	1	07/01/2017	19	989,398	3	92,338	3	40,826
Harbor Beach, City of	3201	5	07/01/2017	22	1,095,760	19	392,102	3	24,359
Huron CRC	3202	3	01/01/2017	60	2,974,521	62	1,615,362	2	26,829
Pigeon, Vlg of	3203	2	03/01/2017	5	251,296	3	51,336	2	2,256
Huron Co	3204	4	01/01/2017	319	12,275,475	259	4,456,019	36	315,494
Sebewaing, Vlg of	3205	5	04/01/2017	19	1,028,562	21	558,649	4	64,682
Elkton, Vlg of	3206	2	03/01/2017	2	80,061	5	45,157	2	5,459
Caseville, City of	3207	1	03/01/2017	12	546,230	5	52,789	0	0
Port Austin, Vlg of	3208	1	03/01/2017	5	154,056	5	50,712	3	1,646
Kinde, Vlg of	3209	1	02/01/2017	1	41,303	1	16,605	0	0
Port Austin Area Swr&Wtr Auth	3210	1	03/01/2017	0	0	1	5,599	1	4,934
Bad Axe, City of	3211	1	07/01/2017	19	977,876	17	425,049	1	15,045
Uby, Vlg of	3212	1	03/01/2017	3	128,929	1	31,907	1	16,640
Bad Axe Area Dist Lib	3214	1	07/01/2017	1	47,172	0	0	0	0
Huron Behavioral Health	3215	1	10/01/2017	54	2,852,859	34	591,901	25	339,555
East Lansing, City of	3301	21	07/01/2017	272	15,728,750	355	11,766,640	75	805,585
Ingham Co	3303	63	01/01/2017	1,343	73,389,017	1,244	24,600,524	278	2,984,360
Mason, City of	3304	7	07/01/2017	43	2,101,401	35	1,060,123	9	100,077
Capital Region Arprth Auth	3305	10	07/01/2017	42	2,581,616	37	974,965	19	229,229
Tri-County Aging Consortium	3307	2	10/01/2017	100	3,480,095	49	359,100	19	136,255
Clinton-Eaton-Ingham CMH	3308	7	10/01/2017	748	35,973,110	386	7,971,207	152	1,475,120
Williamston, City of	3310	5	07/01/2017	15	786,514	20	284,921	3	32,367
Lansing HC	3311	3	07/01/2017	26	1,235,367	32	639,391	16	142,114
Leslie, City of	3313	4	07/01/2017	9	393,845	5	111,388	4	27,029
Webberville, Vlg of	3314	1	04/01/2017	5	219,924	2	18,921	3	18,788
Meridian Chtr Twp	3315	6	01/01/2017	108	6,122,164	80	2,963,109	24	264,530
Stockbridge, Vlg of	3316	1	07/01/2017	5	253,918	3	33,358	1	1,757
Capital Area Dist Lib	3317	3	01/01/2017	65	3,383,310	17	189,801	8	54,108
Vevay Twp	3318	1	04/01/2017	6	144,572	4	50,584	1	4,435
Leslie Twp	3319	1	07/01/2017	4	106,906	0	0	1	5,537
Lansing Chtr Twp	3320	4	01/01/2017	45	2,565,558	9	267,466	5	15,543
Portland, City of	3401	6	07/01/2017	32	2,002,154	35	664,657	13	152,923
Lake Odessa, Vlg of	3402	1	03/01/2017	1	90,787	1	1,209	0	0
Ionia, City of	3403	9	07/01/2017	46	2,855,137	44	973,255	10	115,498
Ionia CRC	3404	1	01/01/2017	38	1,822,574	42	928,618	2	26,392
Muir, Vlg of	3405	1	07/01/2017	2	68,336	3	37,413	0	0
Ionia HC	3406	1	10/01/2017	4	157,137	3	82,505	0	0
Pewamo, Vlg of	3407	1	04/01/2017	2	93,527	0	0	0	0
Ionia Co	3408	6	01/01/2017	62	3,076,299	15	253,629	16	166,314
Belding, City of	3410	3	07/01/2017	7	356,040	5	125,325	1	2,056
Lyons, Vlg of	3411	1	03/01/2017	2	72,335	0	0	0	0
Ionia Cmnty Lib	3412	1	07/01/2017	6	216,765	3	42,452	1	14,357
Saranac HC	3413	1	04/01/2017	4	159,782	2	36,063	0	0
Iosco Co	3501	9	01/01/2017	161	5,350,039	144	1,503,237	49	232,865
Iosco CRC	3502	2	01/01/2017	26	1,294,155	31	565,731	2	33,741
Oscoda Chtr Twp	3503	2	01/01/2017	8	435,057	12	266,442	7	40,750
Tawas Police Auth	3504	1	07/01/2017	4	173,843	4	73,734	3	41,686
Iron River, City of	3601	3	07/01/2017	13	610,854	42	657,176	4	43,418

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Iron CRC	3602	4	01/01/2017	17	830,390	48	964,322	2	28,186
Crystal Falls, City of	3603	4	01/01/2017	15	825,390	25	582,967	9	77,061
Dickinson-Iron Dist Hlth Dept	3605	4	01/01/2017	21	985,911	47	533,814	13	125,440
Iron Co	3606	10	01/01/2017	307	11,979,763	170	1,595,838	44	285,762
Caspian, City of	3608	1	07/01/2017	2	101,286	8	111,710	2	7,953
Mid-Peninsula Lib Coop CLD	3609	1	10/01/2017	0	0	3	21,696	1	1,346
Twin City Pub Safety Auth CLD	3610	1	07/01/2017	0	0	2	6,414	1	2,929
Iron Co HC	3611	1	10/01/2017	3	209,177	3	7,036	3	6,740
W Iron Co Swr Auth	3612	2	07/01/2017	3	141,360	4	85,139	0	0
Alpha, Vlg of	3614	1	04/01/2017	2	32,983	0	0	2	3,502
Stambaugh Twp	3615	1	04/01/2017	1	43,457	1	5,302	0	0
Bates Twp	3616	1	04/01/2017	0	0	1	27,441	0	0
Gaastra, City of	3617	1	07/01/2017	2	87,740	1	17,159	0	0
Crystal Falls Cmnty Hosp CLD	3618	2	01/01/2017	0	0	77	323,099	42	69,504
Mt. Pleasant, City of	3701	4	01/01/2017	89	4,253,413	83	1,611,511	18	181,318
Isabella CRC	3702	3	10/01/2017	34	1,584,376	40	705,741	10	117,312
Isabella Co	3703	9	10/01/2017	128	6,210,596	189	2,732,613	75	755,879
Shepherd, Vlg of	3704	2	03/01/2017	6	284,082	2	13,069	0	0
Central Mich Dist Hlth Dept	3705	5	10/01/2017	46	2,075,321	89	1,263,093	44	295,007
Chippewa River Dist Lib	3707	2	01/01/2017	14	714,132	6	146,018	5	65,008
CMH for Central Mich	3708	1	10/01/2017	334	17,277,541	193	3,353,899	106	843,688
Isabella Co Trans Comm	3709	1	10/01/2017	13	561,824	5	134,652	0	0
Brooklyn, Vlg of	3801	1	03/01/2017	7	264,318	5	95,246	1	3,996
Jackson Dist Lib	3802	2	01/01/2017	34	1,582,579	31	328,165	6	42,227
Summit Twp	3803	3	04/01/2017	35	1,973,344	25	607,958	3	20,055
Leoni Twp	3804	2	07/01/2017	16	671,677	24	386,998	21	265,925
Jackson Trans Auth	3805	2	10/01/2017	50	2,128,739	14	233,942	4	64,798
Blackman Chtr Twp	3806	1	01/01/2017	28	2,169,432	12	431,337	2	66,513
Parchment, City of	3901	1	01/01/2017	5	225,589	17	263,761	1	6,407
Vicksburg, Vlg of	3902	2	07/01/2017	15	758,554	10	131,141	9	73,274
Kalamazoo Pub Lib	3903	2	07/01/2017	60	3,084,448	9	85,859	11	86,541
Vicksburg Dist Lib	3904	1	03/01/2017	1	50,928	2	9,444	1	716
Kalamazoo, Chtr Twp of	3907	1	01/01/2017	36	2,243,915	9	399,066	0	0
Kalkaska, Vlg of	4001	6	03/01/2017	11	440,808	16	361,529	4	24,621
Kalkaska CRC	4002	4	01/01/2017	24	922,145	41	712,843	15	219,955
Kalkaska Co	4003	6	01/01/2017	104	3,581,217	78	1,179,972	25	157,159
Kalkaska Pub Trans Auth	4004	1	10/01/2017	13	277,174	11	128,942	2	14,435
Clearwater Twp	4005	1	04/01/2017	1	33,074	1	12,217	0	0
East Grand Rapids, City of	4101	5	07/01/2017	6	425,735	47	1,715,362	5	39,885
Grandville, City of	4102	6	07/01/2017	12	819,146	62	1,505,646	10	141,645
Rockford, City of	4103	5	07/01/2017	28	1,617,945	23	339,780	14	182,801
Lowell, City of	4104	4	07/01/2017	33	2,048,657	34	835,383	7	139,543
Cedar Springs, City of	4105	4	07/01/2017	8	338,413	12	179,345	11	100,416
Lakeland Lib Coop	4106	2	10/01/2017	7	318,993	4	52,113	2	12,124
Sparta, Vlg of	4107	5	01/01/2017	16	853,560	9	201,002	3	13,280
Grand Rapids HC	4108	1	07/01/2017	2	161,372	5	121,254	0	0
Network180	4109	1	10/01/2017	87	5,904,717	32	1,005,501	32	478,782
Cascade Chtr Twp	4110	1	01/01/2017	39	2,314,281	19	342,033	7	95,475
Kent CRC	4111	1	10/01/2017	0	0	8	49,924	0	0
Walker, City of	4112	4	07/01/2017	32	2,107,449	51	1,242,918	3	63,672
Keweenaw CRC	4201	1	01/01/2017	15	685,977	24	537,618	1	10,560
Keweenaw Co	4202	3	01/01/2017	20	789,930	8	75,615	3	25,092
Lake Co	4301	5	01/01/2017	124	5,178,072	60	608,480	27	99,353
Lake CRC	4302	2	01/01/2017	28	1,173,008	39	723,081	1	9,419
Lapeer, City of	4401	5	07/01/2017	68	4,095,670	58	1,130,341	21	117,583
Lapeer CRC	4402	8	01/01/2017	50	2,436,049	60	1,142,110	4	21,459
Lapeer Co	4403	10	01/01/2017	727	28,034,436	339	4,912,018	132	1,220,688
Imlay City, City of	4404	6	07/01/2017	19	1,127,128	24	392,656	5	32,365
Dryden, Vlg of	4405	1	04/01/2017	1	35,140	3	35,295	1	18,604
Columbiaville, Vlg of	4406	1	03/01/2017	4	189,685	3	14,288	0	0
Almont, Vlg of	4407	6	07/01/2017	11	575,586	7	155,072	3	32,227
Otter Lake, Vlg of	4408	1	03/01/2017	1	37,354	0	0	0	0
Metamora Twp	4409	1	04/01/2017	5	243,441	2	28,827	1	12,711
Lapeer Dist Lib	4410	1	01/01/2017	19	676,277	22	334,280	3	25,039
Leelanau Co	4501	5	01/01/2017	110	5,246,995	82	1,341,174	22	232,327
Leelanau CRC	4503	1	01/01/2017	27	1,197,106	22	314,502	9	92,179
Benzie/Leelanau Dist Hlth Dept	4504	1	10/01/2017	3	181,701	2	26,751	0	0
Suttons Bay Bingham Fire Auth	4506	1	04/01/2017	10	540,984	0	0	0	0
Adrian, City of	4601	11	07/01/2017	123	6,373,584	141	3,797,090	21	294,004
Clinton, Vlg of	4602	4	04/01/2017	15	874,360	14	224,988	3	32,117
Deerfield, Vlg of	4603	1	03/01/2017	4	182,997	4	106,883	2	55,044
Britton, Vlg of	4604	1	03/01/2017	3	107,521	0	0	0	0

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Madison, Chtr Twp of	4605	1	01/01/2017	13	664,419	6	49,912	1	15,377
Blissfield, Vlg of	4606	1	07/01/2017	21	1,093,104	9	179,570	8	45,163
Addison Fire Dept	4607	1	04/01/2017	1	84,831	0	0	1	15,481
Livingston CRC	4701	4	01/01/2017	65	3,848,269	51	1,083,973	6	93,828
Howell, City of	4702	8	07/01/2017	50	3,133,849	56	1,216,163	22	257,858
Livingston Co	4703	13	01/01/2017	503	27,081,598	343	6,064,311	118	1,069,802
Brighton, City of	4704	6	07/01/2017	50	3,533,771	31	781,976	11	95,608
Fowlerville, Vlg of	4705	1	02/01/2017	2	108,795	13	232,349	4	28,819
Pinckney, Vlg of	4706	2	03/01/2017	12	549,265	3	79,174	5	10,174
Howell-Carnegie Dist Lib	4707	1	07/01/2017	10	491,923	2	18,616	0	0
Green Oak Chtr Twp	4708	3	04/01/2017	33	1,815,151	9	232,860	0	0
Hamburg Twp	4709	1	07/01/2017	15	1,071,897	7	218,914	5	102,391
Fowlerville Dist Lib	4710	1	07/01/2017	5	214,959	0	0	0	0
Brighton, Chtr Twp of	4711	4	04/01/2017	10	457,995	11	101,602	4	21,933
Livingston Co CMH Auth	4712	1	10/01/2017	127	6,274,768	49	870,542	44	446,108
Genoa Twp	4713	2	04/01/2017	2	215,419	0	0	0	0
Howell Area Fire Auth	4714	2	07/01/2017	6	334,155	2	70,239	0	0
Brighton Area Fire Auth	4715	1	07/01/2017	1	67,066	1	17,958	0	0
Hartland Deerfield Fire Auth	4716	1	04/01/2017	4	242,848	0	0	0	0
Oceola Twp	4717	1	07/01/2017	12	421,002	3	23,810	1	3,686
Luce CRC	4801	5	01/01/2017	15	648,753	31	684,075	2	33,368
Newberry, Vlg of	4802	7	01/01/2017	19	675,376	26	310,695	4	26,680
L.M.A.S. Dist Hlth Dept	4803	2	10/01/2017	31	1,175,291	96	532,654	116	437,646
Luce Co	4804	3	01/01/2017	33	1,120,946	38	425,680	14	59,035
Helen Newberry Joy Hosp	4805	1	01/01/2017	23	1,326,760	85	1,217,525	11	64,023
Mackinac Co	4901	4	01/01/2017	30	1,219,983	54	777,597	17	196,479
Mackinac Straits Hosp&Hlth Ctr	4902	2	07/01/2017	232	12,420,351	89	1,003,447	43	349,006
Mackinac CRC	4903	2	01/01/2017	9	416,362	35	635,823	0	0
St Ignace, City of	4904	6	01/01/2017	25	1,114,150	28	563,937	5	40,343
Mackinac Co HC	4905	1	07/01/2017	0	0	2	29,370	0	0
Sault Ste. Marie HC	4906	1	04/01/2017	8	349,708	4	101,735	1	3,195
Center Line, City of	5001	6	07/01/2017	13	572,812	43	692,112	6	57,185
Clinton Twp	5002	18	04/01/2017	151	8,691,747	191	4,732,026	15	253,400
Fraser, City of	5003	7	07/01/2017	64	4,824,059	104	3,240,969	19	209,802
Grosse Pointe-Clinton Ref CLD	5004	2	07/01/2017	0	0	16	216,796	0	0
Romeo, Vlg of	5005	5	07/01/2017	23	1,171,339	19	382,187	4	14,605
Romeo Dist Lib	5006	2	07/01/2017	5	265,479	19	223,140	5	57,178
St Clair Shores HC	5007	1	01/01/2017	9	465,311	8	145,177	2	50,191
Utica, City of	5008	4	07/01/2017	17	990,270	12	283,307	0	0
Chesterfield Twp	5009	3	01/01/2017	147	8,407,968	54	1,312,868	13	149,904
Chesterfield Twp Lib	5010	1	01/01/2017	6	326,961	2	21,403	1	14,632
Eastpointe HC	5011	1	07/01/2017	6	350,116	1	17,486	1	3,171
Richmond, City of	5012	1	07/01/2017	10	542,615	2	57,599	0	0
41 B Dist Ct	5014	3	01/01/2017	33	1,446,731	29	391,860	7	142,423
New Baltimore, City of	5016	8	07/01/2017	57	3,082,011	36	569,357	7	87,761
Eastpointe, City of	5019	12	01/01/2017	104	6,903,087	212	6,278,575	0	0
Manistee Co	5101	16	10/01/2017	259	10,076,621	190	2,586,494	68	471,961
Manistee CRC	5103	5	10/01/2017	31	1,330,530	38	725,336	5	99,937
Dist Hlth Dept #10	5104	3	01/01/2017	111	4,992,690	116	2,166,388	17	100,762
Manistee, City of	5105	8	07/01/2017	54	2,781,946	48	1,043,943	4	63,152
Manistee HC	5107	1	01/01/2017	9	294,021	3	21,636	3	21,246
Marquette, City of	5201	12	10/01/2017	120	5,997,081	129	3,045,266	18	273,128
Marquette Co	5202	14	01/01/2017	299	10,646,919	313	6,187,928	49	431,305
Negaunee, City of	5203	2	01/01/2017	23	1,144,323	41	824,731	6	83,200
Ishpeming, City of	5204	3	01/01/2017	28	1,229,890	37	931,420	5	53,514
Marquette Co Trans Auth	5206	2	10/01/2017	25	980,497	20	204,398	0	0
Ishpeming Area Joint Wwtr Trtm	5207	2	01/01/2017	6	316,080	3	61,883	1	6,750
Superiorland Lib Coop	5208	1	10/01/2017	1	6,437	3	76,736	1	4,390
Marquette Brd of Light & Power	5209	6	10/01/2017	38	3,096,739	108	3,007,309	0	0
Marquette CRC	5211	7	01/01/2017	51	2,534,494	66	1,594,245	19	166,581
Forsyth Twp	5212	6	04/01/2017	19	888,645	16	448,332	8	77,936
Marquette Co Solid Waste Mgmt	5213	4	07/01/2017	14	941,907	6	96,159	2	61,876
Pathways(Spr.Bhvl.Mntl.Hlth)	5214	7	10/01/2017	30	1,377,810	246	4,308,640	73	546,235
Marquette Chtr Twp	5215	2	01/01/2017	20	1,082,096	2	32,629	3	27,281
Ishpeming Twp	5216	1	04/01/2017	10	256,075	7	77,427	2	11,696
Negaunee Twp	5217	1	04/01/2017	6	233,210	1	7,847	1	773
Chocolay, Chtr Twp of	5218	1	01/01/2017	14	664,700	3	23,244	1	8,223
Mason Co	5301	6	01/01/2017	127	5,770,891	178	2,722,311	45	428,014
Ludington, City of	5302	2	01/01/2017	50	2,120,040	62	1,199,709	6	75,525
Mason Co Dist Lib	5303	1	01/01/2017	11	291,721	10	120,663	1	7,966
W Mich CMH Sys	5304	1	10/01/2017	3	206,954	19	283,866	6	107,699
Mason CRC	5305	2	01/01/2017	33	1,458,502	20	344,766	5	51,750

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Scottville, City of	5308	1	07/01/2017	7	264,946	1	17,558	1	4,542
Mecosta CRC	5401	3	01/01/2017	42	1,599,931	54	689,287	6	56,517
Big Rapids, City of	5402	2	07/01/2017	17	928,233	47	966,440	5	26,540
Mecosta Co	5403	8	01/01/2017	39	1,933,937	121	1,988,693	40	365,234
Mecosta Co General Hosp CLD	5404	2	01/01/2017	0	0	107	649,708	77	263,812
Meceola Central Dispatch	5405	1	01/01/2017	17	733,288	8	86,546	3	30,090
Big Rapids HC	5406	1	04/01/2017	3	251,163	4	67,974	2	17,513
Menominee, City of	5501	3	09/01/2017	33	1,401,349	47	455,968	14	156,126
Menominee Co	5502	10	10/01/2017	78	3,740,529	94	1,104,229	12	141,917
Menominee CRC	5503	3	01/01/2017	7	403,446	12	262,087	1	30,001
Stephenson, City of	5504	1	07/01/2017	4	175,906	1	9,822	0	0
Midland, City of	5601	6	07/01/2017	117	7,759,320	312	9,177,033	26	427,996
Midland CRC	5602	4	01/01/2017	33	1,735,423	63	1,434,507	1	12,350
Coleman, City of	5603	2	07/01/2017	6	298,947	8	162,545	0	0
Midland Co Central Disp Auth	5604	2	01/01/2017	18	966,750	6	101,979	1	24,522
Missaukee Co	5702	2	01/01/2017	29	1,445,852	14	300,197	9	91,729
Milan, City of	5801	8	07/01/2017	6	445,685	40	901,724	10	134,160
Luna Pier, City of	5802	3	07/01/2017	7	318,225	13	333,073	2	16,914
Dundee, Vlg of	5803	1	03/01/2017	10	519,608	14	299,783	3	74,513
Ash Twp	5804	1	04/01/2017	5	205,497	4	57,699	1	1,438
Carleton, Vlg of	5805	1	03/01/2017	7	265,077	4	39,825	0	0
Milan Lib	5806	1	07/01/2017	2	82,781	2	31,059	0	0
Petersburg, City of	5807	1	07/01/2017	7	242,563	0	0	1	14,792
Monroe HC	5808	1	10/01/2017	9	445,539	4	111,359	2	16,160
Rockwood, City of	5810	3	07/01/2017	12	650,558	6	102,404	3	30,846
Erie, Twp of	5812	1	07/01/2017	2	82,627	0	0	0	0
Mid-Mich Dist Hlth Dept	5901	4	10/01/2017	79	3,271,621	47	457,180	38	239,521
Howard City, Vlg of	5902	2	03/01/2017	2	89,428	4	47,888	4	28,380
Stanton, City of CLD	5903	1	03/01/2017	0	0	2	5,670	0	0
White Pine District Library	5904	1	07/01/2017	2	37,427	4	22,864	0	0
Montcalm CRC	5905	4	10/01/2017	49	2,205,207	50	1,125,470	5	69,455
Greenville, City of	5906	1	07/01/2017	16	1,030,921	11	314,272	3	45,667
Montmorency Co	6001	5	01/01/2017	46	1,672,949	67	696,377	15	114,050
MOA Solid Waste Mgmt Auth	6002	1	01/01/2017	4	146,870	2	43,330	1	12,755
Muskegon CRC	6101	6	01/01/2017	68	3,194,684	92	1,731,936	16	132,481
Muskegon Heights, City of	6102	7	07/01/2017	62	2,886,460	97	2,358,261	17	165,721
Muskegon Co	6103	20	10/01/2017	582	30,232,116	1,005	17,286,715	202	2,312,030
N Muskegon, City of	6104	3	12/01/2017	12	629,046	19	387,148	3	11,762
Whitehall, City of	6105	6	07/01/2017	21	1,286,631	22	301,841	1	12,620
Norton Shores, City of	6106	11	07/01/2017	94	5,943,127	103	2,627,611	9	144,088
Roosevelt Park, City of	6107	4	12/01/2017	7	458,203	20	339,839	7	65,321
Muskegon Chtr Twp	6108	4	01/01/2017	41	2,365,902	42	944,927	3	18,256
Ctr Dispatch of Muskegon Co	6109	3	10/01/2017	32	1,654,887	19	333,845	6	71,061
W Mich Shoreline Rgnl Dev Comr	6110	1	10/01/2017	11	562,027	7	236,756	4	13,978
Ravenna, Vlg of	6111	1	01/01/2017	2	104,836	1	21,801	1	5,749
Montague, City of	6112	4	07/01/2017	14	905,748	12	253,345	2	22,577
Muskegon HC	6113	1	10/01/2017	6	259,890	1	36,449	0	0
Hackley Pub Lib	6114	1	07/01/2017	6	191,228	0	0	0	0
Muskegon Heights HC	6115	1	04/01/2017	9	389,980	5	67,310	1	897
Muskegon, City of	6116	9	07/01/2017	143	9,108,948	307	6,388,804	29	442,082
Muskegon Area Dist Lib	6117	2	01/01/2017	18	887,423	4	49,462	0	0
Newaygo Co	6201	8	10/01/2017	29	1,396,627	111	1,912,610	16	146,321
Fremont, City of	6203	3	07/01/2017	25	1,442,251	27	659,914	6	75,125
Newaygo MCF	6204	4	01/01/2017	101	4,077,075	84	761,260	26	178,289
Newaygo Soil & Wtr Cnsvrn Dist	6205	1	09/01/2017	3	113,447	0	0	1	6,010
White Cloud, City of	6206	1	07/01/2017	6	211,800	7	52,324	3	13,510
Newaygo CMH	6207	1	10/01/2017	2	100,698	3	217,662	1	12,801
White Cloud Cmnty Lib	6208	2	07/01/2017	4	127,254	1	11,946	0	0
Fremont Area Dist Lib	6209	1	07/01/2017	6	242,878	4	56,451	3	15,153
PRIDE Youth Programs CLD	6210	1	10/01/2017	0	0	2	45,930	0	0
White Cloud/Sherman Util	6211	1	07/01/2017	3	104,318	1	8,750	0	0
Newaygo CRC	6212	6	10/01/2017	43	1,990,205	44	560,901	5	31,262
Hesperia, Vlg of	6214	1	04/01/2017	0	0	0	0	1	6,596
Pleasant Ridge, City of	6301	6	07/01/2017	9	568,862	14	364,873	10	45,155
Bloomfield Hills, City of	6302	8	07/01/2017	27	2,025,423	45	2,210,260	3	75,365
Huntington Woods, City of	6303	6	07/01/2017	26	1,860,994	51	1,726,397	3	32,454
Berkley, City of	6304	4	07/01/2017	41	1,822,943	74	1,716,161	13	116,476
Clawson, City of	6305	3	07/01/2017	13	903,385	61	1,888,485	3	47,943
Royal Oak, Chtr Twp of	6306	5	01/01/2017	4	110,340	14	189,894	2	11,813
Rochester, City of	6307	5	07/01/2017	46	3,076,971	53	1,367,511	2	46,094
Madison Heights, City of	6308	6	07/01/2017	51	3,098,670	125	2,653,004	24	254,920
SE Oakland Co Wtr Auth	6309	4	07/01/2017	18	1,065,974	21	572,420	1	548

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SE Oakland Co Rsrc Rec Auth	6310	3	07/01/2017	20	1,070,624	24	377,990	5	55,135
Lathrup Vlg, City of	6311	5	07/01/2017	9	723,381	20	555,683	1	5,790
Orchard Lake, City of	6312	4	07/01/2017	4	303,656	12	403,371	2	18,594
Milford, Vlg of	6313	7	07/01/2017	22	1,703,094	24	671,254	9	106,836
Sylvan Lake, City of	6314	2	07/01/2017	5	337,842	11	157,910	1	7,728
South Lyon, City of	6315	5	07/01/2017	41	2,533,242	27	578,788	8	132,497
Wixom, City of	6316	6	07/01/2017	31	2,185,701	49	1,623,693	15	147,961
Holly, Vlg of	6317	5	07/01/2017	22	1,178,050	33	896,853	7	56,336
Lake Orion, Vlg of	6318	4	07/01/2017	5	268,611	14	338,410	4	19,643
Farmington Cmnty Lib	6319	2	07/01/2017	9	468,660	28	569,061	2	12,114
Novi, City of	6320	10	07/01/2017	164	11,371,927	162	5,130,949	48	746,482
Beverly Hills, Vlg of	6321	4	07/01/2017	26	2,157,414	49	1,364,395	12	149,654
Keego Harbor, City of	6322	4	07/01/2017	7	356,972	15	268,083	5	60,622
Franklin, Vlg of	6323	3	07/01/2017	10	588,864	10	403,334	2	2,897
Walled Lake, City of	6324	6	07/01/2017	20	1,336,356	30	870,174	13	192,389
White Lake Chtr Twp	6325	8	01/01/2017	82	5,022,859	37	1,227,357	6	122,030
Oxford, Vlg of	6326	2	07/01/2017	12	572,969	5	150,391	4	34,524
Oxford Fire Department	6327	2	01/01/2017	13	967,247	14	288,400	3	39,562
Independence Twp	6328	1	01/01/2017	32	2,335,298	11	416,707	2	31,256
Wolverine Lake, Vlg of	6329	3	07/01/2017	7	435,943	9	179,696	3	46,993
Bingham Farms, Vlg of	6332	1	07/01/2017	2	179,474	0	0	0	0
Brandon Chtr Twp of	6333	2	01/01/2017	26	1,313,780	16	300,753	3	31,305
Groveland Twp	6335	3	04/01/2017	10	415,877	4	47,741	2	22,313
Hazel Park, City of	6336	21	07/01/2017	99	5,464,091	164	4,769,526	12	173,058
Farmington, City of	6343	6	07/01/2017	44	2,843,843	58	1,713,651	7	71,239
Ferndale HC	6345	1	01/01/2017	6	303,883	1	17,269	1	49,481
Pentwater, Vlg of	6401	1	04/01/2017	9	426,161	13	123,070	3	26,689
Oceana Co	6402	6	01/01/2017	178	8,151,349	158	1,875,564	35	331,856
Mason-Oceana Cty Enh 911 Cen	6403	2	01/01/2017	14	564,811	4	60,339	2	49,967
Dist Hlth Dept # 2	6501	2	01/01/2017	14	649,798	33	462,563	11	110,992
Ogemaw Co	6502	4	01/01/2017	56	2,211,482	103	1,532,220	15	97,933
Ogemaw CRC	6503	3	01/01/2017	30	1,281,439	29	526,319	1	3,612
Rose City, City of	6504	1	07/01/2017	4	127,191	4	56,362	2	6,228
West Branch, City of	6505	5	07/01/2017	14	580,352	20	336,377	1	14,760
Rose Twp	6506	1	04/01/2017	5	39,109	3	7,581	0	0
Trio Council on Aging Inc CLD	6507	1	10/01/2017	0	0	3	21,984	1	3,287
Ogemaw Co EMS Auth	6508	2	10/01/2017	21	960,733	3	60,541	3	39,307
West Branch Dist Lib	6509	1	07/01/2017	3	102,459	1	18,940	0	0
Ontonagon Co	6602	6	01/01/2017	48	1,608,124	43	530,757	13	84,042
Ontonagon, Vlg of	6603	4	04/01/2017	9	366,897	118	1,228,146	44	338,935
Ontonagon CRC	6604	1	01/01/2017	42	2,164,728	54	1,354,793	0	0
Ontonagon Co Economic Dev Cor	6605	1	01/01/2017	0	0	1	10,371	0	0
Osceola Co	6701	6	01/01/2017	115	4,741,923	66	653,477	51	332,137
Reed City, City of	6702	3	07/01/2017	19	864,967	23	318,251	10	53,959
Osceola CRC	6703	2	01/01/2017	22	888,089	41	597,500	0	0
Marion, Vlg of	6704	2	03/01/2017	5	164,308	6	27,573	1	607
Ewart, City of	6705	2	07/01/2017	12	522,587	8	117,538	7	47,784
Ewart Local Dev Finance Auth	6706	1	07/01/2017	1	25,758	2	36,340	0	0
Oscoda Co	6801	6	01/01/2017	61	2,110,779	56	624,585	13	56,803
Oscoda Wurtsmith Arpt Auth I	6802	1	10/01/2017	4	180,466	2	15,202	0	0
Otsego CRC	6901	3	01/01/2017	29	1,256,307	49	791,006	6	75,337
Otsego Co	6902	18	01/01/2017	110	4,390,047	97	1,204,212	45	389,533
Gaylord, City of	6903	6	07/01/2017	26	1,381,388	27	778,660	2	18,757
Corwith Twp	6904	1	04/01/2017	7	76,844	0	0	0	0
Holland, City of	7001	7	07/01/2017	192	12,891,251	330	8,271,546	61	757,150
Ottawa CRC	7002	3	10/01/2017	101	5,720,762	140	3,754,072	13	151,107
Ottawa Co	7003	16	01/01/2017	630	36,557,710	526	11,271,409	185	2,225,142
Hudsonville, City of	7004	4	07/01/2017	1	77,212	11	128,320	10	112,908
Coopersville, City of	7005	1	07/01/2017	16	755,242	14	162,601	5	34,403
Holland Cmnty Hosp CLD	7006	1	07/01/2017	0	0	56	215,994	3	10,061
Lakeshore Coordinating Council	7007	1	10/01/2017	0	0	9	95,743	15	48,501
Ottawa Co Central Disp Auth	7008	2	01/01/2017	6	319,531	8	105,637	3	21,296
Olive Twp	7009	1	04/01/2017	2	48,212	4	25,631	0	0
Grand Haven, City of	7010	7	07/01/2017	194	11,535,426	191	5,259,836	43	437,422
Coopersville Area Dist Lib	7011	2	07/01/2017	1	48,000	2	24,055	2	9,222
Herrick Dist Lib	7012	2	07/01/2017	34	1,468,081	48	604,505	9	40,088
Loutit Dist Lib	7013	1	07/01/2017	16	607,923	5	58,639	0	0
Holland Area Cmnty Pool Auth	7014	2	07/01/2017	12	535,508	3	18,294	2	8,736
Spring Lake, Vlg of	7015	3	07/01/2017	7	355,078	5	153,283	11	262,001
Spring Lake Dist Lib	7016	1	01/01/2017	9	405,787	1	11,820	0	0
Port Sheldon Twp	7018	1	04/01/2017	7	173,926	1	13,170	0	0
Presque Isle CRC	7101	3	01/01/2017	27	1,020,793	46	757,619	0	0

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Rogers City, City of	7102	3	07/01/2017	22	1,055,475	28	748,966	6	46,287
Dist Hlth Dept # 4	7103	2	01/01/2017	40	1,553,004	56	1,219,279	15	93,241
Presque Isle Co	7104	6	07/01/2017	72	2,405,138	60	722,628	11	65,551
Onaway, City of	7105	2	04/01/2017	4	149,865	2	19,523	3	3,185
Ferrysburg, City of	7106	1	07/01/2017	7	347,099	11	113,657	1	3,689
Roscommon Co	7201	4	01/01/2017	88	3,898,369	95	1,369,977	29	267,500
Richfield Twp (Roscommon Co)	7202	2	04/01/2017	12	478,813	10	136,994	4	26,556
Houghton Lake Pub Lib	7203	1	07/01/2017	7	257,932	2	33,099	0	0
Roscommon Co Trans Auth	7205	1	10/01/2017	24	772,317	12	154,900	1	16,515
Saginaw, City of	7301	8	07/01/2017	118	6,255,078	680	21,062,151	23	450,630
Saginaw Co	7303	21	10/01/2017	53	2,767,719	563	11,943,317	60	459,259
Saginaw CRC	7304	7	01/01/2017	62	3,220,617	105	2,108,799	10	113,499
Saginaw-Midland Muni Wtr Corp	7305	2	07/01/2017	9	593,807	13	254,004	1	7,353
Frankenmuth, City of	7306	4	07/01/2017	25	1,617,983	20	715,243	3	36,003
Bridgeport Chtr Twp	7307	6	01/01/2017	38	1,658,214	37	506,399	24	229,076
St Charles, Vlg of	7308	3	04/01/2017	7	321,032	12	261,483	3	13,735
Swan Creek Twp	7309	1	04/01/2017	7	157,048	6	30,427	0	0
Richland Twp	7310	3	04/01/2017	12	478,240	7	254,570	3	3,865
Hlth Source of Saginaw	7311	8	01/01/2017	128	6,071,632	277	2,833,811	104	760,886
Buena Vista Chtr Twp	7312	7	01/01/2017	34	1,656,337	23	688,935	15	144,756
Chesaning, Vlg of	7313	5	03/01/2017	8	322,043	14	243,873	5	24,351
Saginaw Chtr Twp	7314	2	04/01/2017	33	2,079,587	26	1,117,302	9	137,415
Birch Run, Vlg of	7315	3	07/01/2017	13	575,798	2	19,780	5	21,850
Saginaw Co 911 Com Ctr	7316	4	10/01/2017	8	674,131	27	761,132	2	36,334
Saginaw, Pub Lib of	7317	1	07/01/2017	14	757,301	4	31,278	4	28,351
Saginaw Co CMH	7318	5	10/01/2017	13	668,177	88	1,283,609	24	178,125
Saginaw Trans Sys Auth	7319	1	10/01/2017	16	776,266	8	96,216	7	40,396
Carrollton Twp	7320	2	04/01/2017	20	758,807	6	119,058	2	21,135
Saginaw HC	7321	3	07/01/2017	8	354,947	10	226,591	4	87,036
Tittabawassee, Twp of	7322	1	04/01/2017	15	815,186	3	95,524	1	24,644
Frankenmuth Wickson Dist Lib	7323	1	07/01/2017	1	74,713	0	0	0	0
Croswell, City of	7401	3	07/01/2017	26	1,439,193	24	544,825	5	47,370
Sandusky, City of	7402	3	03/01/2017	18	771,456	10	210,928	5	67,234
Port Sanilac, Vlg of	7403	2	07/01/2017	4	148,549	2	52,534	2	10,436
Sandusky Dist Lib	7404	1	01/01/2017	1	50,880	1	4,656	0	0
Marlette, City of	7405	1	07/01/2017	9	385,253	2	63,127	3	55,377
Aitkin Memorial Dist Lib	7407	1	07/01/2017	0	0	0	0	1	22,644
Sanilac CRC	7410	1	01/01/2017	49	2,273,963	11	281,682	0	0
Schoolcraft CRC	7501	2	10/01/2017	18	909,717	42	1,071,002	4	71,433
Schoolcraft Co	7503	14	10/01/2017	162	5,010,069	114	1,892,886	37	217,401
Manistique, City of	7504	4	07/01/2017	23	1,347,736	31	748,229	2	16,700
Schoolcraft Memorial Hosp	7505	5	01/01/2017	31	1,577,356	72	1,203,745	24	301,835
Shiawassee CRC	7601	5	01/01/2017	35	1,610,460	52	1,332,560	6	169,617
Shiawassee Co	7602	22	01/01/2017	403	15,711,326	362	6,895,863	136	1,237,204
Durand, City of	7603	2	07/01/2017	14	766,312	18	277,228	6	78,904
Corunna City of	7604	5	07/01/2017	11	594,467	17	373,446	4	25,759
Shiawassee Council on Aging	7605	1	01/01/2017	5	140,794	10	83,903	0	0
Shiawassee Dist Lib	7606	1	12/01/2017	7	362,589	2	48,641	1	9,313
Owosso, City of	7607	2	07/01/2017	5	313,381	15	400,694	1	15,138
Laingsburg, City of	7608	1	07/01/2017	5	181,418	1	7,709	1	8,022
Shiawassee Co CMH	7609	3	10/01/2017	118	5,423,942	58	662,377	60	405,666
Bancroft, Vlg of	7610	1	03/01/2017	1	40,581	1	7,884	0	0
SW Shiawassee ESA	7611	1	01/01/2017	12	568,822	1	6,080	1	7,927
East China Chtr Twp	7701	1	04/01/2017	16	888,860	15	537,041	0	0
Port Huron, City of	7702	11	07/01/2017	229	13,808,346	369	10,693,424	39	430,223
St Clair, City of	7703	8	10/01/2017	23	1,348,295	46	1,307,879	8	91,315
Marine City, City of CLD	7704	2	07/01/2017	0	0	2	2,705	0	0
Capac, Vlg of	7705	3	07/01/2017	5	243,321	16	189,710	6	24,299
Clay Twp	7706	8	07/01/2017	34	1,827,020	25	447,302	4	82,272
Algonac, City of	7707	4	07/01/2017	12	626,963	22	360,936	10	118,392
Lexington, Vlg of	7708	2	07/01/2017	7	306,231	7	133,157	2	34,138
Blue Water Area Trans Comm	7709	2	10/01/2017	58	2,535,658	23	249,616	3	21,539
Port Huron Chtr Twp	7711	1	01/01/2017	18	896,133	8	154,700	3	46,517
Port Huron HC	7712	4	07/01/2017	25	1,087,788	18	450,189	5	84,967
St Clair HC	7715	1	01/01/2017	2	90,654	3	56,697	0	0
Three Rivers, City of	7801	10	07/01/2017	57	3,019,871	45	885,934	24	356,354
St Joseph County	7803	5	01/01/2017	178	8,216,846	123	2,155,355	52	510,492
White Pigeon, Vlg of	7804	1	04/01/2017	2	92,961	1	6,532	1	5,570
Sturgis HC	7805	1	10/01/2017	3	106,706	0	0	1	4,161
Constantine, Vlg of	7806	1	04/01/2017	2	109,299	0	0	1	4,841
Tuscola Co Hlth Dpt	7901	2	01/01/2017	26	1,228,842	29	438,662	0	0
Tuscola Co	7902	17	01/01/2017	153	6,477,636	129	1,896,093	25	269,088

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<u>Municipality Name</u>	<u>Number</u>	<u>Number of Divisions</u>	<u>Fiscal Year Beginning</u>	<u>Number of Active</u>	<u>Active Salary</u>	<u>Number of Retirees</u>	<u>Annual Benefits in Force</u>	<u>Annual Deferred Vesteds</u>	<u>Annual Deferred Benefits</u>
Vassar, City of	7903	3	07/01/2017	6	336,233	30	522,497	7	63,215
Millington, Vlg of	7904	2	03/01/2017	6	235,763	6	85,003	0	0
Indianfields Twp CLD	7905	1	04/01/2017	0	0	10	27,130	8	7,688
Tuscola Co MCF	7906	1	01/01/2017	323	10,875,905	83	666,175	27	129,900
Tuscola Co CMH	7907	1	10/01/2017	125	5,212,620	54	604,933	16	104,633
Tuscola CRC	7908	3	01/01/2017	22	891,693	22	397,931	3	19,817
South Haven, City of	8001	6	07/01/2017	81	4,767,348	80	1,534,036	15	146,599
Paw Paw, Vlg of	8002	4	03/01/2017	30	1,639,766	20	457,208	6	57,652
Bangor, City of	8003	1	07/01/2017	5	191,987	17	153,864	18	44,699
Lawrence, Vlg of	8004	2	03/01/2017	0	0	5	12,678	4	2,724
South Haven Area ESA	8005	3	01/01/2017	15	1,025,791	6	238,314	0	0
Van Buren Co	8006	10	10/01/2017	242	11,832,080	75	1,304,635	18	252,670
Van Buren Dist Lib	8007	1	01/01/2017	14	534,783	5	90,386	2	10,038
Covert Twp	8010	1	07/01/2017	13	702,705	1	29,227	2	18,200
Ypsilanti, City of	8101	7	07/01/2017	45	2,440,537	55	838,654	19	157,122
Washtenaw CRC	8102	6	10/01/2017	126	7,107,016	134	3,533,262	13	198,995
Chelsea, City of	8103	3	07/01/2017	4	310,696	36	972,221	8	115,824
Ypsilanti, Twp of	8104	2	01/01/2017	68	3,612,939	59	1,146,869	9	93,060
Saline, City of	8105	5	07/01/2017	45	3,163,992	65	1,495,177	11	86,562
Ypsilanti Cmnty Util Auth	8106	6	09/01/2017	108	6,704,320	109	2,973,873	18	279,366
Barton Hills, Vlg of	8107	1	04/01/2017	2	107,288	2	50,634	0	0
Superior Chtr Twp	8109	2	01/01/2017	23	1,567,111	11	344,920	0	0
Pittsfield Chtr Twp	8110	14	01/01/2017	136	8,476,189	44	959,410	23	300,603
Dexter Twp	8111	1	04/01/2017	10	215,562	7	47,743	1	6,798
Lima Twp	8112	1	04/01/2017	5	69,404	3	28,563	0	0
Washtenaw Co	8113	4	01/01/2017	300	22,178,169	59	2,049,763	30	456,828
Ypsilanti HC	8115	1	07/01/2017	1	89,903	4	71,418	2	19,509
Scio Twp	8116	2	04/01/2017	20	1,265,955	4	37,766	0	0
Northfield Twp	8117	1	07/01/2017	10	583,956	0	0	3	35,653
Chelsea Area Fire Auth	8118	1	03/01/2017	10	594,978	0	0	2	5,483
Grosse Pointe Park, City of	8201	8	07/01/2017	68	4,756,956	86	2,621,275	7	118,766
Plymouth, City of	8202	6	07/01/2017	1	63,988	56	1,474,261	8	37,665
Trenton, City of	8203	2	07/01/2017	20	1,243,702	124	3,328,144	1	7,652
Hamtramck, City of	8205	18	07/01/2017	89	4,638,309	235	8,051,311	24	323,039
Ecorse, City of	8206	8	07/01/2017	28	1,688,425	140	3,796,072	12	137,601
Grosse Ile Twp	8207	7	04/01/2017	47	3,079,052	41	1,394,591	9	102,179
Northville, City of	8208	8	07/01/2017	10	825,019	63	1,492,973	9	130,086
Redford, Chtr Twp of	8209	8	04/01/2017	99	4,270,547	176	3,812,644	29	330,841
SEMCOG	8210	1	07/01/2017	60	4,047,327	57	1,617,151	27	304,799
Westland, City of	8211	14	07/01/2017	123	7,451,135	293	8,540,720	38	466,604
Flat Rock, City of	8212	10	07/01/2017	50	2,979,142	53	1,460,616	8	171,649
Belleville, City of	8213	3	07/01/2017	14	721,730	17	429,068	11	51,394
Ctrl Wayne Co Sanitation Auth	8214	2	07/01/2017	0	0	20	289,303	3	31,646
Melvindale, City of	8215	6	01/01/2017	25	1,787,018	87	2,882,073	4	94,500
SMART	8216	9	07/01/2017	738	36,833,068	797	13,901,633	189	1,824,741
Dexter, City of	8217	1	07/01/2017	8	524,662	11	234,937	2	18,578
The Lib Network	8218	3	10/01/2017	28	1,113,998	30	381,373	9	82,658
Dexter Area Fire Dept	8219	1	01/01/2017	9	595,839	2	45,764	0	0
Melvindale HC	8220	2	01/01/2017	5	196,864	3	46,574	6	90,441
Plymouth Dist Lib	8221	1	01/01/2017	14	836,285	10	261,838	1	3,365
23rd Jud Dist Ct	8223	1	07/01/2017	9	403,805	8	189,145	3	20,218
Huron Chtr Twp	8224	3	01/01/2017	40	2,382,301	21	778,215	15	264,785
Romulus, City of	8225	7	07/01/2017	57	3,817,724	61	3,270,919	5	120,589
Sumpter Twp	8226	3	04/01/2017	24	1,705,204	9	218,272	1	11,633
Redford Twp Dist Lib	8228	1	04/01/2017	11	506,347	5	111,227	3	15,539
Northville Dist Lib	8229	1	12/01/2017	14	792,223	9	115,249	2	7,419
Northville Chtr Twp	8230	5	01/01/2017	94	7,639,502	29	1,366,634	5	69,314
Taylor HC	8231	1	04/01/2017	5	274,447	2	26,854	0	0
Canton Pub Lib	8232	1	01/01/2017	16	888,630	9	262,956	3	36,385
Canton, Chtr Twp of	8233	15	01/01/2017	350	24,496,502	124	6,645,728	40	149,372
35th Dist Ct	8234	1	01/01/2017	14	669,264	13	386,707	0	0
34th Dist Ct	8235	1	07/01/2017	35	1,638,573	11	372,719	3	35,058
Van Buren Twp	8236	2	01/01/2017	46	3,438,381	10	507,411	7	198,654
Mich Muni Risk Mgmt Auth	8237	1	07/01/2017	1	236,759	0	0	0	0
Plymouth, Chtr Twp of	8238	4	01/01/2017	52	3,950,911	25	1,337,257	6	159,449
Detroit HC	8241	5	07/01/2017	122	6,730,040	25	327,867	42	396,439
Wayne, City of	8242	23	07/01/2017	62	4,434,903	198	7,176,437	22	380,081
21st Dist Ct	8243	1	07/01/2017	8	326,892	6	148,121	0	0
Lincoln Park, City of	8244	3	07/01/2017	41	1,778,320	153	3,540,560	12	278,307
Brownstown, Chtr Twp of	8247	3	01/01/2017	63	4,482,043	9	446,345	5	73,256
Hamtramck HC	8250	2	01/01/2017	12	790,062	2	27,040	2	29,794
Dearborn, City of	8251	2	07/01/2017	138	9,452,425	0	0	1	1,824

MERS 12/31/2015 Valuation – Results By Municipality

<u>Municipality Name</u>	<u>Number</u>	<u>Number</u> <u>of</u> <u>Divisions</u>	<u>Fiscal Year</u> <u>Beginning</u>	<u>Number</u> <u>of Active</u>	<u>Active</u> <u>Salary</u>	<u>Number</u> <u>of</u> <u>Retirees</u>	<u>Annual</u> <u>Benefits in</u> <u>Force</u>	<u>Annual</u> <u>Deferred</u> <u>Vesteds</u>	<u>Annual</u> <u>Deferred</u> <u>Benefits</u>
Wayne HC	8252	1	01/01/2017	3	123,671	2	53,882	0	0
Garden City, City of	8255	8	07/01/2017	95	5,962,720	161	4,858,352	7	106,745
Southgate, City of	8262	1	07/01/2017	44	2,351,603	82	2,091,082	6	91,233
Cadillac, City of	8301	7	07/01/2017	63	2,776,418	70	848,984	8	143,841
Wexford Co	8302	10	01/01/2017	115	4,998,247	99	1,568,414	33	318,428
Wexford CRC	8303	4	01/01/2017	27	1,203,777	46	714,595	11	137,142
Manton, City of	8304	2	12/01/2017	5	187,396	10	157,432	2	18,380
Cadillac/Wexford Trans Auth	8305	2	10/01/2017	15	556,200	11	126,309	1	6,689
Mid-Mich Lib League	8306	1	10/01/2017	2	105,844	2	28,411	3	32,890
Pokagon Band of Potawatomi	8401	1	01/01/2017	214	11,762,143	18	191,769	23	221,721
Lac Vieux Desert Band	8402	1	01/01/2017	6	353,773	1	8,701	4	27,780
Nottawaseppi Huron Band	8403	1	01/01/2017	14	721,571	0	0	1	4,608
Totals - Active Groups	717	2,630		35,274	1,786,825,334	37,173	776,464,435	8,188	82,864,153
Totals - Closed Groups	15	19		0	0	294	1,649,861	152	427,745
Totals - MERS	732	2,649		35,274	1,786,825,334	37,467	778,114,296	8,340	83,291,898

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

Municipality Name	Number	Active Liability	Vested	Retired	Pending	Total Liability	Actuarial Value of Assets	Percent Funded
			Former Liability	Liability	Refund Liability			
Alcona Co	0101	6,683,205	312,996	7,304,948	1,457	14,302,606	9,522,313	66.6%
Alger CRC	0201	3,417,623	81,030	6,155,164	6,184	9,660,001	6,430,129	66.6%
Munising, City of	0202	3,332,393	290,971	5,124,173	0	8,747,537	5,727,619	65.5%
Alger Co	0203	5,573,945	72,944	6,692,334	3,170	12,342,393	8,883,064	72.0%
Alegan CRC	0301	5,889,322	638,493	16,770,349	14,987	23,313,151	14,117,356	60.6%
Alegan Co	0302	19,524,041	3,329,505	44,420,662	97,351	67,371,559	61,597,249	91.4%
Douglas, City of Vlg of	0303	1,852,563	303,823	1,203,498	0	3,359,884	2,664,075	79.3%
Wayland, City of	0304	3,113,333	456,868	3,851,353	0	7,421,554	5,496,412	74.1%
Saugatuck Twp	0305	291,106	139,399	532,451	0	962,956	324,409	33.7%
Kalamazoo Lake Swr & Wtr	0306	390,785	76,220	1,003,013	0	1,470,018	1,028,060	69.9%
Saugatuck, City of	0307	833,531	61,061	957,497	0	1,852,089	1,582,025	85.4%
Interurban Trans Auth	0308	655,736	0	663,702	0	1,319,438	1,229,054	93.1%
Alegan, City of	0309	2,870,366	849,422	1,598,995	0	5,318,783	3,892,948	73.2%
Henika Dist Lib	0310	111,909	0	361,049	0	472,958	467,366	98.8%
Saugatuck Twp Fire Dist	0311	460,679	10,160	55,960	1,325	528,124	485,115	91.9%
Alpena Co	0401	133,760	0	284,456	0	418,216	351,914	84.1%
Alpena CRC	0402	7,336,870	1,042,960	13,082,458	13,637	21,475,925	13,689,644	63.7%
26th Jud Cir Ct	0403	3,350,928	47,351	9,120,498	0	12,518,777	8,585,387	68.6%
Alpena Sr Citizens Ctr	0404	1,166,776	630,914	1,919,066	0	3,716,756	3,463,181	93.2%
Alpena Rgnl Med Ctr	0405	0	0	759,809	0	759,809	75,706	10.0%
Alpena HC	0406	54,379,690	9,907,293	99,439,897	34,106	163,760,986	122,986,772	75.1%
Antrim CRC	0501	1,817,722	122,330	254,251	75	2,194,378	2,173,866	99.1%
Antrim Co	0502	5,195,602	68,030	8,021,529	0	13,285,161	6,691,894	50.4%
Central Lake, Vlg of	0504	23,486,065	3,169,332	16,362,576	67,062	43,085,035	31,985,381	74.2%
Elk Rapids, Vlg of	0506	173,225	3,619	0	0	176,844	174,619	98.7%
Standish, City of	0601	1,085,640	139,413	989,528	24,783	2,239,364	1,716,074	76.6%
Au Gres, City of	0602	528,763	63,360	2,091,515	0	2,683,638	1,682,236	62.7%
Arenac Co	0603	207,087	0	2,126,290	0	2,333,377	1,723,636	73.9%
Arenac CRC	0604	5,797,294	901,614	5,698,547	9,749	12,407,204	8,713,513	70.2%
Sterling, Vlg of	0605	1,632,009	19,987	5,034,536	1,215	6,687,747	2,315,135	34.6%
Sims Whitney Util Auth	0606	163,861	0	41,858	0	205,719	314,053	152.7%
Baraga CRC	0701	229,558	0	91,332	0	320,890	242,294	75.5%
Baraga Co	0702	2,148,218	254,490	5,095,961	0	7,498,669	3,891,127	51.9%
Baraga Co Memorial Hosp	0703	3,009,039	313,953	3,702,302	0	7,025,294	4,856,180	69.1%
Baraga, Vlg of	0704	7,266,125	1,728,923	11,639,227	2,025	20,636,300	14,059,034	68.1%
L'Anse, Vlg of	0705	706,347	20,658	3,056,103	0	3,783,108	1,652,117	43.7%
Hastings, City of	0801	2,057,193	5,096	4,621,837	0	6,684,126	3,346,255	50.1%
Barry Co	0802	4,949,130	486,796	10,633,359	3,750	16,073,035	8,634,446	53.7%
Middleville, Vlg of	0803	35,106,155	3,558,361	31,427,112	149,610	70,241,238	52,247,532	74.4%
Barry Co CMH Auth	0804	762,943	67,996	1,033,957	0	1,864,896	1,318,914	70.7%
Nashville, Vlg of	0807	7,129,982	598,692	5,012,275	39,181	8,269,130	6,820,515	82.5%
Bay City, City of	0901	324,307	0	0	69,604	393,911	413,998	105.1%
MBS Intl Arpt	0902	14,479,179	1,431,213	58,443,099	12,228	74,365,719	50,678,208	68.1%
Essexville, City of	0903	3,337,981	218,720	7,700,396	0	11,257,097	6,691,188	59.4%
Pinconning, City of	0904	1,881,368	243,818	5,118,448	13,573	7,257,207	4,836,046	66.6%
Auburn, City of	0905	583,836	0	1,700,259	0	2,284,095	1,403,898	61.5%
Bay City HC	0906	61,063	92,305	1,980,921	0	2,134,289	1,193,563	55.9%
Bay Metro Trans Auth	0907	3,319,234	0	4,785,365	0	8,104,599	7,504,694	92.6%
Benzie CRC	1001	10,351,799	376,342	5,508,775	0	16,236,916	9,674,541	59.6%
Frankfort, City of	1002	1,346,885	593,263	5,683,792	839	7,624,779	2,950,579	38.7%
Benzie Co	1003	1,153,473	64,816	2,269,566	546	3,488,401	1,857,424	53.2%
Benzie Co MCF (The Maples)	1004	7,733,474	1,365,367	8,383,130	20,741	17,502,712	11,727,442	67.0%
Benzie Shores Dist Lib	1005	2,612,006	948,156	4,975,280	72,575	8,608,017	6,856,101	79.6%
Benzie Co Comm on Aging	1006	267,515	0	0	0	267,515	280,599	104.9%
Benzie Trans Auth	1007	217,189	238,284	634,517	0	1,089,990	738,737	67.8%
Buchanan, City of	1101	528,682	0	84,982	28,169	641,833	773,518	120.5%
Berrien Springs, Vlg of	1102	3,143,589	290,327	3,890,841	29,283	7,354,040	7,703,968	104.8%
Paw Paw Lk Reg Jnt Swg D	1103	500,116	110,175	1,029,775	0	1,640,066	1,587,467	96.8%
Eau Claire, Vlg of	1104	1,427,725	0	532,331	0	1,960,056	1,464,362	74.7%
Niles Dist Lib	1105	114,631	0	440,170	1,848	556,649	216,475	38.9%
Howard Twp	1106	552,506	0	523,310	15,125	1,090,941	917,811	84.1%
Coloma Chtr Twp	1107	70,689	13,056	47,580	0	131,325	114,293	87.0%
Buchanan Dist Lib	1108	883,417	281,884	1,260,566	10,197	2,436,064	1,476,520	60.6%
Baroda Lake Twp Police Dej	1109	192,341	45,880	34,493	0	272,714	291,115	106.7%
Bridgman, City of	1110	255,555	3,075	123,221	0	381,851	289,362	75.8%
Chikaming Twp	1112	1,045,947	203,139	522,233	1,844	1,773,163	1,282,384	72.3%
New Buffalo, City of	1113	942,898	175,581	1,343,317	11,860	2,473,656	1,637,816	66.2%
Oronoko Chtr Twp	1114	1,273,088	411,684	852,973	51,938	2,589,683	1,980,777	76.5%
Grand Beach, Vlg of	1117	599,727	119,010	1,480,426	12,552	2,211,715	1,485,749	67.2%
Coloma, City of	1118	290,243	0	0	0	290,243	294,998	101.6%
SW Mich Comm Amb Svcs	1119	898,925	0	0	0	898,925	757,013	84.2%
Benton Harbor, City of	1120	1,727,979	92,919	1,096,268	43,176	2,960,342	2,293,383	77.5%
Coldwater, City of	1201	2,123,230	342,480	26,005,966	73,773	28,545,449	11,085,816	38.8%
Branch-Hillsdale-St Joseph I	1202	5,895,357	492,695	10,240,376	22,343	16,650,771	12,736,933	76.5%
Coldwater Brd of Pub Util	1203	6,399,950	1,280,092	6,604,503	49,190	14,333,735	12,610,889	88.0%
Bronson, City of	1204	3,914,398	696,740	7,902,215	0	12,513,353	7,316,562	58.5%
Branch Co	1205	988,283	308,369	836,759	27,731	2,161,142	1,310,864	60.7%
Albion, City of	1301	40,795,348	1,069,110	14,393,877	93,101	56,351,436	36,558,302	64.9%
Battle Creek, City of	1302	4,376,850	742,133	8,914,611	2,249	14,035,843	14,249,679	101.5%
Springfield, City of	1303	45,597,656	4,010,829	92,530,503	118,038	142,257,026	88,014,967	61.9%
Homer, Vlg of	1304	846,895	1,220,018	8,216,058	29,985	10,312,956	7,226,672	70.1%
Marshall, City of	1306	496,855	217,815	881,611	0	1,596,281	1,384,857	86.8%
Willard Pub Lib	1308	11,881,338	1,043,546	21,555,161	55,231	34,535,276	22,890,538	66.3%
Marshall Dist Lib	1309	3,383,973	53,691	229,917	8,255	3,675,836	3,021,994	82.2%
Emmett, Chtr Twp	1310	0	0	256,997	0	256,997	113,697	44.2%
Calhoun Co	1311	2,834,769	355,078	1,929,560	6,111	5,125,518	3,909,705	76.3%
Pennfield Chtr Twp	1312	48,332,021	3,264,631	43,524,699	554,688	95,676,039	59,638,025	62.3%
Marshall Area Firefighters Ar	1313	1,640,542	40,152	984,367	0	2,665,061	1,912,435	71.8%
Calhoun Co Conso Dispatc	1316	841,912	16,276	0	3,232	861,420	837,681	97.2%
Dowagiac, City of	1401	3,327,702	220,629	1,939,675	2,718	5,490,724	5,805,671	105.7%
Cass Co	1402	7,314,825	1,187,021	11,877,990	12,407	20,392,243	10,115,298	49.6%
		15,991,391	740,206	12,696,606	102,914	29,531,117	21,731,699	73.6%

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Cass Co MCF	1403	1,976,440	518,238	3,051,627	186,845	5,733,150	5,660,885	98.7%
Cass Dist Lib	1404	630,781	126,915	175,430	11,389	944,515	885,277	93.7%
Dowagiac HC	1405	151,602	20,407	32,459	0	204,468	238,577	116.6%
Dowagiac Dist Lib	1406	56,379	0	28,722	0	85,101	88,946	104.5%
Charlevoix CRC	1501	2,995,778	631,367	4,365,928	0	7,993,073	5,548,057	69.4%
NW Mich Cmnty Hlth Agcy	1502	2,165,677	380,811	4,004,803	0	6,551,291	4,943,599	75.5%
Charlevoix Co	1503	25,455,481	2,794,155	22,534,363	17,882	50,801,881	36,332,285	71.5%
East Jordan, City of	1504	1,504,437	422,467	3,049,498	9,579	4,985,981	3,436,759	68.9%
Charlevoix, City of	1505	4,765,660	144,433	8,629,734	11,205	13,551,032	9,029,420	66.6%
Boyne City, City of	1506	3,921,135	137,902	5,620,661	13,587	9,693,285	6,916,972	71.4%
Jordan Valley Dist Lib	1507	175,414	65,068	0	0	240,482	235,034	97.7%
Boyne City HC	1508	131,845	286,254	681,448	1,454	1,101,001	666,995	60.6%
Jordan Valley EMS Auth	1509	288,315	100,934	0	0	389,249	231,632	59.5%
Cheboygan CRC	1601	4,966,890	655,646	14,661,839	1,609	20,285,984	9,507,832	46.9%
Cheboygan, City of	1602	4,142,838	64,409	6,293,607	7,244	10,508,098	6,776,423	64.5%
Cheboygan Co	1603	15,038,538	983,176	10,970,183	92,663	27,084,560	19,936,244	73.6%
Tuscarora Twp	1604	1,605,685	0	1,082,439	3,999	2,692,123	1,540,264	57.2%
Mackinaw City, Vlg of	1606	700,003	33,928	332,541	1,024	1,067,496	909,991	85.2%
Sault Ste. Marie, City of	1701	10,870,434	391,572	18,723,147	39,459	30,024,612	21,361,049	71.1%
Superior Dist Lib	1702	265,564	57,534	551,898	15,277	890,273	1,318,216	148.1%
Chippewa Co	1703	20,132,798	1,597,296	23,264,867	133,449	45,128,410	31,967,265	70.8%
Chippewa CRC	1704	6,806,182	282,049	12,215,647	0	19,303,878	10,137,547	52.5%
E UP Trans Auth	1705	2,985,131	121,010	8,093,592	0	11,199,733	5,427,524	48.5%
Detour, Vlg of	1706	167,309	57,022	332,812	0	557,143	191,003	34.3%
Hiawatha Bhvrl Hlth	1707	4,433,804	2,522,497	11,338,191	41,435	18,335,927	14,257,032	77.8%
Drummond Island Twp	1708	169,749	26,204	0	0	195,953	159,070	81.2%
E UP Reg Planning & Dev C	1709	187,482	0	0	11,509	198,991	285,266	143.4%
Clare CRC	1801	3,318,879	690,354	7,150,345	30,558	11,190,136	7,741,421	69.2%
Clare Co	1802	10,634,776	1,472,302	10,555,726	95,182	22,757,986	16,070,260	70.6%
Harrison, City of	1803	2,008,068	11,342	1,244,176	0	3,263,586	2,303,380	70.6%
Clare, City of	1804	2,560,154	344,388	5,861,008	24,004	8,789,554	5,451,069	62.0%
Farwell, Vlg of	1805	59,006	97,417	396,553	4,649	557,625	377,424	67.7%
Clare Co Trans Auth	1806	139,255	8,990	90,774	0	239,019	168,982	70.7%
Harrison District Library	1807	116,787	0	132,824	0	249,611	162,683	65.2%
Clinton CRC	1901	8,143,329	468,112	12,650,829	21,644	21,283,914	13,106,751	61.6%
St Johns, City of	1902	3,573,008	160,690	14,179,832	95	17,913,625	8,837,648	49.3%
Clinton Co	1903	27,143,973	2,878,872	24,276,628	27,410	54,326,883	50,401,113	92.8%
Fowler, Vlg of	1904	238,194	28,683	108,132	0	375,009	288,415	76.9%
SCCMUA	1905	1,905,163	424,427	1,842,397	25,704	4,197,691	3,514,772	83.7%
Elsie, Vlg of CLD	1906	0	92,496	45,203	1,182	138,881	185,978	133.9%
Westphalia, Vlg of	1907	455,662	0	122,261	0	577,923	443,596	76.8%
DeWitt, City of	1908	1,407,422	307,858	3,395,559	12,646	5,123,485	2,633,821	51.4%
Bath Charter Twp	1909	3,629,273	179,906	5,531,130	3,019	7,343,328	5,647,440	76.9%
DeWitt Chtr Twp	1910	2,240,411	295,676	2,956,291	15,967	5,508,345	4,004,656	72.7%
Crawford Co	2001	8,977,728	805,903	10,721,320	2,800	20,507,751	13,188,744	64.3%
Crawford CRC	2002	3,385,176	0	5,882,100	0	9,267,276	3,494,508	37.7%
Grayling, City of	2003	649,509	233,320	3,204,800	0	4,087,629	2,462,028	60.2%
Crawford Co Trans Auth	2004	2,573,142	277,070	2,844,120	1,070	5,695,402	4,231,373	74.3%
Escanaba, City of	2101	12,140,295	695,914	23,027,351	0	35,863,560	21,072,131	58.8%
Delta Co	2102	11,431,064	1,236,447	25,265,924	340	37,933,775	27,494,815	72.5%
Delta-Menominee Dist Hlth C	2103	3,451,792	1,128,446	5,328,515	8,424	9,917,177	9,917,177	92.9%
Delta CRC	2105	3,668,754	141,143	8,122,778	0	11,932,675	6,495,251	54.4%
Gladstone, City of	2106	4,646,168	88,316	8,189,205	0	12,923,689	6,124,401	47.4%
Delta Area Transit Auth	2107	33,039	0	0	0	33,039	28,264	85.5%
Iron Mountain, City of	2201	2,889,432	181,191	9,451,338	18,058	12,540,019	5,264,535	42.0%
Kingsford, City of	2202	2,982,716	108,840	5,236,258	5,856	8,333,670	5,623,269	67.5%
Dickinson CRC	2203	2,643,145	420,156	7,483,445	0	10,546,746	5,346,412	50.7%
Norway, City of	2204	6,861,382	0	13,538,456	5,800	20,405,638	8,960,025	43.9%
Iron Mountain-Kingsford Swg	2205	969,817	30,044	339,259	472	1,339,592	839,764	62.7%
Dickinson Co	2206	12,779,186	1,381,089	19,955,627	122,487	34,238,389	20,436,079	59.7%
Northpointe Bhvrl Hlth Sys	2207	5,984,308	2,056,964	4,746,469	37,342	12,825,083	11,468,276	89.4%
Charlotte, City of	2301	6,259,207	1,714,349	13,572,987	30,320	21,576,863	13,246,871	61.4%
Eaton Co	2302	56,079,409	5,307,744	90,375,992	384,956	152,148,101	89,638,835	58.9%
Barry Eaton Dist Hlth Dept	2303	6,775,475	1,902,327	11,689,725	73,944	20,441,471	14,967,638	73.2%
Dimondale, Vlg of	2304	517,533	30,126	352,240	0	899,899	731,338	81.3%
Eaton Co Hlth & Rehab Svcs:	2305	6,510,555	372,155	3,449,299	339,659	10,671,668	9,514,903	89.2%
Delta Chtr Twp	2306	4,279,668	840,974	8,912,451	54,456	14,087,549	11,358,450	80.6%
Eaton Rapids, City of	2307	4,457,010	300,203	9,871,364	11,221	14,639,798	9,223,868	63.0%
MERS	2308	15,928,775	3,155,128	6,179,637	101,784	25,365,324	26,280,138	103.6%
Charlotte Dist Lib	2309	345,215	0	406,764	0	751,979	407,223	54.2%
Grand Ledge Area ESA	2310	1,215,888	78,621	144,687	0	1,439,196	1,356,674	94.3%
Looking Glass Rgnl Fire CLI	2311	0	52,242	84,671	0	136,913	162,878	119.0%
Grand Ledge, City of	2312	1,167,366	398,689	1,613,115	0	3,179,170	1,853,122	58.3%
Pottsville, City of	2313	536,715	5,240	300,780	0	842,735	658,196	78.1%
Grand Ledge Area Dist. Libr:	2316	14,971	0	0	0	14,971	13,254	88.5%
Emmet CRC	2401	4,407,333	87,697	10,145,289	0	14,640,319	9,549,371	65.2%
Petoskey, City of	2402	13,087,006	1,084,763	13,446,564	0	27,618,333	20,156,811	73.0%
Pellston, Vlg of	2404	489,499	0	0	0	489,499	389,677	79.6%
Harbor Springs, City of	2405	3,419,271	0	2,246,658	30,241	5,696,170	3,703,362	65.0%
Harbor Springs Area Swg Au	2406	670,395	0	263,373	0	933,768	781,402	83.7%
Lakeview Cemetery	2407	93,152	0	0	0	93,152	87,885	94.3%
Beecher Metro Dist Swg&W	2501	1,751,022	132,310	5,075,672	0	6,959,004	4,615,096	66.3%
Flushing, City of	2502	6,405,744	313,858	13,193,711	17,555	19,930,868	9,653,197	48.4%
Mt. Morris Chtr Twp	2503	13,282,346	301,187	20,798,593	9,940	34,392,066	18,998,112	55.2%
Swartz Creek, City of	2504	1,511,845	80,470	7,579,627	2,238	9,174,180	7,575,760	82.6%
Fenton, City of	2505	6,138,151	284,751	10,107,045	10,782	16,540,729	10,663,187	64.5%
Otisville, Vlg of	2506	377,015	71,540	877,240	0	1,325,795	885,740	66.8%
Bishop Intl Arpt Auth	2507	7,098,207	127,233	2,452,038	20,796	9,698,274	7,621,114	78.6%
Burton, City of	2508	12,623,330	639,218	39,286,838	22,486	52,571,872	21,551,477	41.0%
Montrose, City of	2509	132,022	378,604	730,131	0	1,240,757	538,650	43.4%
Genesee Chtr Twp	2510	5,288,861	925,423	11,458,753	1,875	17,674,912	8,856,961	50.1%
Grand Blanc Chtr Twp	2511	10,139,293	3,230	11,047,112	11,843	21,201,478	12,320,659	58.1%
Flint, Chtr Twp of	2512	8,896,569	617,983	21,532,634	31,784	31,078,970	20,032,351	64.5%
Grand Blanc, City of	2513	4,591,527	108,368	9,408,758	3,491	14,112,144	8,461,102	60.0%
Richfield Twp (Genesee Co)	2514	1,441,612	208,824	3,222,708	3,448	4,876,592	2,753,072	56.5%
Flushing, Chtr Twp of	2515	2,291,566	67,838	4,021,239	0	6,380,643	3,574,216	56.0%
Davison, City of	2516	2,841,291	98,512	9,287,603	2,779	12,230,185	6,391,440	52.3%
Mundy, Chtr Twp of	2517	4,084,280	109,940	3,779,753	44,792	8,018,765	6,406,260	79.9%
Flint Pub Lib	2518	1,035,118	234,694	188,710	0	1,458,522	1,652,111	113.3%
Davison Twp	2519	9,159,538	198,753	4,564,893	5,165	13,928,349	10,059,818	72.2%
Hurley Med Ctr	2521	183,841,702	32,009,722	366,356,119	1,524,923	583,732,466	425,125,845	72.8%
Vienna, Chtr Twp of	2522	472,711	158,966	1,204,912	0	1,836,589	1,204,976	65.6%

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

Municipality Name	Number	Actuarial Accrued Liability				Total Liability	Actuarial Value of Assets	Percent Funded
		Active Liability	Vested Former Liability	Retired Liability	Pending Refund Liability			
Clio, City of	2523	824,039	207,751	601,657	2,082	1,635,529	1,292,274	79.0%
Davison Richfield Sr CCA	2525	52,543	0	249,339	0	301,882	178,328	59.1%
Flint, City of	2530	57,569,094	11,338,476	496,756,165	290,145	565,953,880	242,517,858	42.9%
Gladwin CRC	2601	5,408,659	493,172	10,076,296	0	15,978,127	8,627,790	54.0%
Gladwin Co	2602	8,703,380	1,122,810	12,206,692	99,508	22,132,390	15,433,235	69.7%
Butman Twp CLD	2604	0	42,579	42,225	0	84,804	105,439	124.3%
Gladwin, City of	2605	1,235,380	0	220,148	0	1,455,528	1,306,241	89.7%
Gladwin Co Dist Lib	2607	659,677	0	567,401	2,463	1,229,541	940,430	76.5%
Gladwin City HC	2608	1,561,863	181,875	1,825,990	10,643	3,580,371	2,881,102	80.5%
Wakefield, City of	2701	917,203	60,850	3,818,880	24,108	4,821,041	2,704,270	56.1%
Bessemer, City of	2702	1,517,171	64,900	1,097,887	2,898	2,682,856	1,700,918	63.4%
Gogebic-Iron WWTR Auth	2703	1,924,564	0	1,055,819	0	2,980,383	2,100,995	70.5%
Marenisco Twp	2704	239,991	0	191,679	0	431,670	342,555	79.4%
Ironwood, City of	2706	6,062,603	455,237	13,020,938	6,364	19,545,142	9,869,212	50.5%
Traverse City, City of	2801	11,075,655	1,439,052	25,981,995	0	38,496,702	25,095,256	65.2%
Grand Traverse CRC	2802	386,282	206,816	9,239,875	0	9,832,973	6,191,852	63.0%
Grand Traverse Co	2803	20,191,077	3,186,386	72,523,709	1,522	95,902,694	43,314,958	45.2%
NW Rgnl Arpt Comm	2805	2,484,818	288,903	3,667,775	0	6,441,496	5,500,466	85.4%
Traverse Area Dist Lib	2807	4,400,046	74,067	3,793,420	11,400	8,278,933	5,145,167	62.1%
Northern Lakes CMH Auth	2808	5,630,229	1,100,967	18,300,613	0	25,031,809	21,378,734	85.4%
Grand Traverse Pavilions	2809	18,994,649	3,336,182	13,170,105	214,866	35,715,802	26,965,642	75.5%
Bay Area Trans Auth	2810	2,562,128	797,023	2,173,690	69,980	5,602,821	5,632,822	100.5%
Traverse City Light & Power	2811	8,277,235	717,815	21,008,114	0	30,003,164	17,144,293	57.1%
Alma, City of	2901	9,594,362	513,943	12,414,695	53,356	22,576,356	18,048,691	79.9%
St Louis, City of	2902	1,643,177	115,175	6,277,331	495	8,036,178	6,014,670	74.8%
Gratiot CRC	2903	5,345,962	33,173	12,197,336	0	17,576,471	10,695,251	60.8%
Ithaca, City of	2904	616,232	176,430	3,831,799	0	4,624,461	2,768,800	59.9%
Gratiot Co	2905	13,610,602	1,015,526	14,602,633	0	29,228,761	22,599,432	77.3%
Breckenridge, Vlg of	2906	247,619	105,168	2,011,674	33,561	2,398,022	995,035	41.5%
St Louis HC	2908	728,444	0	254,588	0	983,032	879,793	89.5%
Perrinton, Vlg of	2909	55,927	28,851	0	3,198	87,976	90,315	102.7%
Hillsdale, City of	3001	7,938,042	1,225,868	13,948,139	74,116	23,186,165	19,687,565	84.9%
Mich S Central Power Agcy	3002	8,214,696	701,695	6,646,416	0	15,562,807	13,576,232	87.2%
Reading, City of	3003	191,341	43,379	182,392	0	417,112	370,424	88.8%
Hillsdale CRC	3004	5,698,137	57,396	5,405,886	4,815	11,166,234	6,952,251	62.3%
Hillsdale Co	3005	4,685,056	163,424	2,758,592	273	7,607,345	4,626,228	60.8%
Litchfield, City of	3006	556,035	44,549	1,233,705	7,006	1,841,295	1,250,770	67.9%
Hillsdale HC	3007	72,115	0	98,699	0	170,814	216,472	126.7%
W UP Dist Hlth Dept	3101	3,040,027	2,218,363	9,260,204	157	14,518,751	9,556,626	65.8%
Houghton Co	3102	11,358,573	940,473	15,262,404	41,852	27,603,302	16,579,141	60.1%
Houghton CRC	3103	1,831,879	0	2,381,328	0	4,213,207	2,754,532	65.4%
Laurium, Vlg of	3104	1,528,832	55,208	872,683	0	2,456,723	1,372,277	55.9%
Lake Linden, Vlg of	3105	207,153	21,458	1,056,621	0	1,285,232	716,325	55.7%
N Houghton Co Wtr&Swg Au	3106	617,256	27,652	0	0	644,908	478,582	74.2%
Hancock, City of	3107	2,420,261	0	1,299,940	9,168	3,729,369	2,508,657	67.3%
WUPPDR	3108	258,434	44,657	1,051,269	0	1,354,360	1,300,507	96.0%
Houghton, City of	3109	2,543,025	194,377	1,127,214	0	3,864,616	3,491,299	90.3%
Harbor Beach, City of	3201	3,400,502	221,646	4,259,848	7,972	7,889,968	5,865,586	74.3%
Huron CRC	3202	10,949,269	78,687	16,061,315	9,661	27,098,932	18,515,301	68.3%
Pigeon, Vlg of	3203	734,653	6,141	447,891	0	1,188,685	782,255	65.8%
Huron Co	3204	30,643,697	2,762,026	48,995,255	383,742	82,784,720	58,034,690	70.1%
Sebawaing, Vlg of	3205	2,155,220	303,389	5,207,609	2,356	7,668,574	7,070,309	92.2%
Elkton, Vlg of	3206	224,236	42,072	335,582	0	601,890	497,468	82.7%
Caseville, City of	3207	1,908,478	0	599,226	851	2,508,555	1,987,340	79.2%
Port Austin, Vlg of	3208	173,371	11,394	487,804	3,389	675,958	538,398	79.6%
Kinde, Vlg of	3209	56,875	0	185,472	0	242,347	139,151	57.4%
Port Austin Area Swr&Wtr A	3210	0	31,261	51,329	7,227	89,817	166,184	185.0%
Bad Axe, City of	3211	3,435,206	41,110	4,321,913	1,490	7,799,719	4,524,963	58.0%
Uby, Vlg of	3212	463,262	51,518	405,830	3,349	923,959	653,114	70.7%
Bad Axe Area Dist Lib	3214	127,558	0	0	0	127,558	102,725	80.5%
Huron Behavioral Health	3215	7,266,650	2,892,720	6,975,143	217,198	17,351,711	15,935,806	91.8%
East Lansing, City of	3301	50,202,412	4,615,040	102,170,707	35,885	182,024,044	100,232,355	55.1%
Ingham Co	3303	173,846,092	18,112,225	254,428,759	1,574,225	447,961,301	296,091,358	66.1%
Mason, City of	3304	5,687,758	745,808	12,406,434	49,250	18,889,250	12,395,296	65.6%
Capital Region Arprt Auth	3305	5,752,148	1,304,886	9,849,270	5,400	16,911,704	12,302,421	72.7%
Tri-County Aging Consortium	3307	4,653,192	851,828	3,275,072	0	8,780,092	8,114,634	92.4%
Clinton-Eaton-Ingham CMH	3308	80,618,234	10,415,009	80,703,012	773,274	172,509,529	128,981,395	74.8%
Williamston, City of	3310	1,733,656	231,200	2,846,364	39,449	4,850,669	3,317,845	68.4%
Lansing HC	3311	2,147,553	807,886	6,459,800	6,744	9,421,983	7,591,923	80.6%
Leslie, City of	3313	566,920	133,300	1,148,971	867	1,850,058	1,379,016	74.5%
Webberville, Vlg of	3314	162,563	157,097	143,985	330	463,975	456,988	98.5%
Meridian Chtr Twp	3315	21,882,643	1,339,408	38,387,853	133,099	61,743,003	34,930,549	56.6%
Stockbridge, Vlg of	3316	605,421	15,373	347,317	16,116	984,227	618,388	62.8%
Capital Area Dist Lib	3317	6,369,459	266,935	1,955,773	109,336	8,701,503	7,652,522	87.9%
Vevay Twp	3318	107,147	44,353	464,329	13,632	629,461	353,298	56.1%
Leslie Twp	3319	377,043	55,506	0	0	432,549	360,762	83.4%
Lansing Chtr Twp	3320	5,798,816	19,816	2,863,892	930	8,683,454	7,590,752	87.4%
Portland, City of	3401	6,726,217	805,514	6,124,369	639	13,656,739	8,683,948	63.6%
Lake Odessa, Vlg of	3402	285,238	0	6,168	0	291,406	316,264	108.5%
Ionia, City of	3403	9,963,119	664,444	10,387,989	7,963	21,023,515	10,160,243	48.3%
Ionia CRC	3404	6,371,469	202,500	10,416,124	0	16,990,093	6,831,142	40.2%
Muir, Vlg of	3405	114,681	0	357,533	0	472,214	282,049	59.7%
Ionia HC	3406	345,571	0	888,851	0	1,234,422	921,720	74.7%
Pewamo, Vlg of	3407	322,285	0	0	0	322,285	240,424	74.6%
Ionia Co	3408	6,141,490	737,788	2,700,445	51,309	9,631,032	7,868,304	81.7%
Belding, City of	3410	878,979	7,761	1,398,589	0	2,285,329	1,241,410	54.3%
Lyons, Vlg of	3411	161,181	0	0	0	161,181	181,928	112.9%
Ionia Cmnty Lib	3412	128,070	57,106	456,223	0	641,399	446,638	69.6%
Saranac HC	3413	483,996	0	308,481	0	792,477	458,831	57.9%
Iosco Co	3501	11,463,690	1,463,696	14,154,275	28,990	27,110,651	19,705,161	72.7%
Iosco CRC	3502	5,266,563	208,640	5,620,322	0	11,095,525	8,098,690	73.0%
Oscoda Chtr Twp	3503	774,781	192,162	3,368,793	9,187	4,344,923	2,696,761	62.1%
Tawas Police Auth	3504	194,513	207,619	840,006	0	1,242,138	667,105	53.7%
Iron River, City of	3601	2,074,770	321,910	7,830,410	0	10,227,090	6,050,951	59.2%
Iron CRC	3602	2,166,864	248,134	10,206,741	0	12,621,739	5,140,542	40.7%
Crystal Falls, City of	3603	2,510,230	725,320	6,298,640	0	9,534,190	5,538,565	58.1%
Dickinson-Iron Dist Hlth Dep	3605	3,510,559	927,621	4,916,929	9,203	9,364,312	6,040,046	64.5%
Iron Co	3606	22,037,597	1,855,184	15,635,566	185,944	39,714,291	29,453,199	74.2%

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Caspian, City of	3608	155,122	49,494	1,112,555	0	1,317,171	680,329	51.7%
Mid-Peninsula Lib Coop CLC	3609	0	7,212	216,396	1,385	224,993	89,853	39.9%
Twin City Pub Safety Auth C	3610	0	18,241	73,769	0	92,010	104,367	113.4%
Iron Co HC	3611	791,745	24,149	49,877	0	865,771	618,053	71.4%
W Iron Co Swr Auth	3612	186,546	0	959,708	0	1,146,254	615,560	53.7%
Alpha, Vlg of	3614	14,328	32,216	0	0	46,544	62,420	134.1%
Stambaugh Twp	3615	106,720	0	44,646	0	151,366	91,385	60.4%
Bates Twp	3616	0	0	303,038	0	303,038	153,044	50.5%
Gaastra, City of	3617	143,151	0	158,936	0	302,087	196,757	65.1%
Crystal Falls Cmnty Hosp Cl	3618	0	683,128	3,033,901	0	3,717,029	3,488,248	93.8%
Mt. Pleasant, City of	3701	13,266,930	983,853	16,026,262	59,471	30,336,516	20,740,421	68.4%
Isabella CRC	3702	4,739,222	842,106	16,622,292	16,637	13,220,257	9,243,003	69.9%
Isabella Co	3703	27,811,819	5,056,445	27,045,544	44,115	59,957,923	45,003,756	75.1%
Shepherd, Vlg of	3704	483,880	0	136,379	702	620,961	585,814	94.3%
Central Mich Dist Hlth Dept	3705	8,120,575	1,577,072	12,085,307	68,140	21,851,094	14,711,144	67.3%
Chippewa River Dist Lib	3707	1,271,568	226,975	1,425,130	12,821	2,936,494	2,579,668	87.8%
CMH for Central Mich	3708	33,529,765	4,975,765	33,484,956	24,397	72,014,883	60,991,052	84.7%
Isabella Co Trans Comm	3709	1,109,214	0	1,412,837	2,822	2,524,873	2,107,765	83.5%
Brooklyn, Vlg of	3801	196,481	8,690	925,221	12,081	1,142,473	806,447	70.6%
Jackson Dist Lib	3802	3,722,905	356,904	3,401,529	24,309	7,505,647	6,752,674	90.0%
Summit Twp	3803	6,879,382	132,152	7,151,818	0	14,163,352	8,496,047	60.0%
Leoni Twp	3804	1,122,598	1,422,135	3,638,279	24,870	6,207,882	4,377,506	70.5%
Jackson Trans Auth	3805	4,930,176	491,801	2,409,103	0	7,831,080	6,259,569	79.9%
Blackman Chtr Twp	3806	6,381,708	260,206	4,802,414	1,292	11,445,620	6,474,182	56.6%
Parchment, City of	3901	689,733	48,581	2,754,908	0	3,493,222	2,281,339	65.3%
Vicksburg, Vlg of	3902	1,062,213	306,680	1,375,809	0	2,744,702	1,927,561	70.2%
Kalamazoo Pub Lib	3903	5,528,150	389,910	1,004,097	0	6,922,157	6,000,683	86.7%
Vicksburg Dist Lib	3904	19,986	938	105,093	0	126,017	77,099	61.2%
Kalamazoo, Chtr Twp of	3907	8,123,942	0	4,819,661	0	12,943,603	10,210,922	78.9%
Kalkaska, Vlg of	4001	869,038	119,612	4,496,595	4,102	5,489,347	2,884,556	52.5%
Kalkaska CRC	4002	821,433	1,652,516	7,270,742	2,701	9,747,392	4,254,858	43.7%
Kalkaska Co	4003	6,856,455	833,660	12,952,879	49,752	20,692,746	15,218,277	73.5%
Kalkaska Pub Trans Auth	4004	561,359	189,201	1,347,651	10,002	2,108,213	1,925,716	91.3%
Clearwater Twp	4005	11,906	0	112,011	0	123,917	106,206	85.7%
East Grand Rapids, City of	4101	2,746,625	196,952	16,239,435	9,649	19,192,661	9,639,697	50.2%
Grandville, City of	4102	3,969,350	1,307,962	14,790,404	0	20,067,716	11,886,765	59.2%
Rockford, City of	4103	3,596,259	1,065,188	3,621,541	0	8,282,988	5,742,088	69.3%
Lowell, City of	4104	5,491,769	687,637	8,052,592	29,457	14,261,455	9,447,070	66.2%
Cedar Springs, City of	4105	1,129,210	347,232	1,722,706	14,502	3,213,650	2,793,413	86.9%
Lakeland Lib Coop	4106	619,831	23,242	503,370	6,088	1,152,531	1,041,316	90.4%
Sparta, Vlg of	4107	2,808,298	74,832	2,025,478	9,302	4,917,910	3,023,969	61.5%
Grand Rapids HC	4108	989,627	0	1,237,642	0	2,227,269	1,512,407	67.9%
Network180	4109	18,104,098	3,153,196	11,810,646	159,185	33,227,125	29,672,855	89.3%
Cascade Chtr Twp	4110	4,944,374	881,889	4,077,949	6,731	9,910,943	7,652,712	77.2%
Kent CRC	4111	0	0	236,184	0	236,184	56,305	23.8%
Walker, City of	4112	10,396,579	368,697	11,977,529	0	22,742,805	12,656,330	55.6%
Keweenaw CRC	4201	1,415,848	20,555	5,319,818	0	6,756,221	3,416,412	50.6%
Keweenaw Co	4202	2,514,818	86,777	649,870	5,845	3,257,310	2,429,186	74.6%
Lake Co	4203	10,739,466	493,976	6,102,690	14,353	17,350,485	12,903,640	74.4%
Lake CRC	4302	3,064,685	69,419	7,233,849	0	10,367,953	5,529,657	53.3%
Lapeer, City of	4401	13,662,429	683,380	11,264,186	0	25,609,995	18,002,183	70.3%
Lapeer CRC	4402	5,832,592	156,332	11,921,512	51,102	17,961,538	10,438,348	58.1%
Lapeer Co	4403	56,924,434	7,969,696	47,746,318	148,679	112,789,127	92,702,549	82.2%
Imlay City, City of	4404	3,262,289	221,720	4,153,520	0	7,637,529	5,111,109	66.9%
Dryden, Vlg of	4405	23,389	100,373	293,399	0	417,161	308,898	74.0%
Columbiaville, Vlg of	4406	379,977	0	108,245	0	488,222	366,799	75.1%
Almont, Vlg of	4407	1,107,038	120,464	1,605,374	706	2,833,582	2,041,617	72.1%
Otter Lake, Vlg of	4408	140,339	0	0	0	140,339	117,807	83.9%
Metamora Twp	4409	684,011	125,045	324,413	0	1,133,469	999,662	88.2%
Lapeer Dist Lib	4410	1,345,782	103,394	3,625,874	40,372	5,115,422	3,196,590	62.5%
Leelanau Co	4501	12,398,356	1,547,944	13,409,135	21,214	27,376,649	21,871,329	79.9%
Leelanau CRC	4503	3,531,237	714,741	3,040,014	14,801	7,300,793	5,182,808	71.0%
Benzie/Leelanau Dist Hlth D	4504	663,716	0	274,799	0	938,515	724,600	77.2%
Suttons Bay Bingham Fire A	4506	998,932	0	0	0	998,932	612,069	61.3%
Adrian, City of	4601	20,722,536	2,207,384	38,899,749	211,842	62,041,511	41,489,515	66.9%
Clinton, Vlg of	4602	2,820,881	303,807	2,221,520	0	5,346,208	5,332,448	99.7%
Deerfield, Vlg of	4603	178,759	363,007	1,041,280	0	1,583,046	1,143,495	72.2%
Britton, Vlg of	4604	284,298	0	0	0	284,298	444,262	156.3%
Madison, Chtr Twp of	4605	1,073,016	70,045	400,926	721	1,544,708	1,135,868	73.5%
Blissfield, Vlg of	4606	2,078,636	162,664	1,882,841	0	4,124,141	3,603,490	87.4%
Addison Fire Dept	4607	245,075	49,897	0	0	294,972	273,705	92.8%
Livingston CRC	4701	12,002,360	679,445	10,303,707	0	22,985,512	18,053,554	78.5%
Howell, City of	4702	10,326,613	1,609,501	12,387,770	59,762	24,383,646	14,245,372	58.4%
Livingston Co	4703	61,524,521	7,291,367	67,072,498	59,101	135,947,487	94,827,057	69.8%
Brighton, City of	4704	11,568,478	726,533	9,292,082	1,253	21,588,346	14,121,780	65.4%
Fowlerville, Vlg of	4705	646,175	213,378	2,915,098	22,994	3,797,645	3,210,721	84.5%
Pinckney, Vlg of	4706	1,664,413	41,156	941,414	9,690	2,656,673	2,454,005	92.4%
Howell-Carnegie Dist Lib	4707	1,306,151	0	151,585	0	1,457,736	1,376,107	94.4%
Green Oak Chtr Twp	4708	4,959,256	0	2,733,667	1,748	7,694,671	4,646,086	60.4%
Hamburg Twp	4709	1,688,770	293,591	2,644,739	8,744	4,635,844	3,234,871	69.8%
Fowlerville Dist Lib	4710	455,152	0	0	1,151	456,303	416,793	91.3%
Brighton, Chtr Twp of	4711	752,041	113,514	1,006,889	20,099	1,892,543	1,819,402	96.1%
Livingston Co CMH Auth	4712	10,545,874	2,649,584	8,575,813	0	21,771,271	19,246,367	88.4%
Genoa Twp	4713	336,904	0	0	0	336,904	278,699	82.7%
Howell Area Fire Auth	4714	500,008	0	803,268	0	1,303,276	1,246,947	95.7%
Brighton Area Fire Auth	4715	220,120	0	226,986	0	447,106	425,655	95.2%
Hartland Deerfield Fire Auth	4716	680,663	0	0	0	680,663	614,301	90.3%
Oceola Twp	4717	944,942	36,209	215,609	1,106	1,197,866	1,110,731	92.7%
Luce CRC	4801	2,447,117	326,999	7,672,079	0	10,446,195	4,380,612	41.9%
Newberry, Vlg of	4802	1,298,509	220,017	3,075,131	0	4,593,657	2,947,870	64.2%
L.M.A.S. Dist Hlth Dept	4803	1,631,133	2,845,007	5,005,657	704	9,482,501	8,009,513	84.5%
Luce Co	4804	3,286,786	408,018	4,633,632	1,162	8,329,598	4,731,363	56.8%
Helen Newberry Joy Hosp	4805	5,672,786	459,922	11,526,089	47,220	17,706,017	11,924,470	67.3%
Mackinac Co	4901	7,106,873	1,635,233	8,665,993	0	17,408,099	12,375,345	71.1%
Mackinac Straits Hosp&Hlth	4902	12,945,464	2,870,631	10,828,848	115,844	26,760,787	19,302,967	72.1%
Mackinac CRC	4903	1,617,125	0	7,612,718	0	9,229,843	4,298,687	46.6%
St Ignace, City of	4904	4,850,207	365,415	6,441,628	564	11,657,814	7,270,359	62.4%
Mackinac Co HC	4905	0	0	430,412	0	430,412	378,885	88.0%

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Sault Ste. Marie HC	4906	968,969	26,852	1,005,387	14,884	2,016,092	1,834,728	91.0%
Center Line, City of	5001	1,203,358	348,514	6,745,043	43,053	8,339,968	4,353,879	52.2%
Clinton Twp	5002	24,458,234	1,397,796	47,042,352	149,235	73,047,617	45,828,196	62.7%
Fraser, City of	5003	20,507,449	1,254,402	32,997,000	15,562	54,774,413	30,616,978	55.9%
Grosse Pointe-Clinton Ref C	5004	0	0	2,175,461	40,502	2,215,963	2,448,235	110.5%
Romeo, Vlg of	5005	3,322,614	64,676	4,437,372	0	7,824,662	5,145,629	65.8%
Romeo Dist Lib	5006	885,991	309,828	2,187,968	6,377	3,390,164	2,968,842	87.6%
St Clair Shores HC	5007	773,970	378,335	1,300,500	4,521	2,457,326	1,442,944	58.7%
Troica, City of	5008	2,568,883	0	2,914,780	19,734	5,503,397	3,501,986	63.6%
Uxterfield Twp	5009	21,169,069	627,324	14,516,834	41,516	36,354,743	27,204,366	74.8%
Chesterfield Twp Lib	5010	881,166	66,615	198,559	11,999	1,158,339	1,410,273	121.7%
Eastpointe HC	5011	854,298	32,838	159,784	5,157	1,052,077	837,604	79.6%
Richmond, City of	5012	1,992,493	0	649,083	0	2,641,576	1,860,899	70.4%
41 B Dist Ct	5014	4,269,924	841,470	3,854,693	17,092	8,983,179	7,087,935	78.9%
New Baltimore, City of	5016	9,541,780	415,125	5,935,258	25,492	15,917,655	13,569,998	85.3%
Eastpointe, City of	5019	18,959,924	0	62,849,532	0	81,809,456	44,103,513	53.9%
Manistee Co	5101	22,334,730	2,785,615	25,319,285	87,559	50,527,189	35,413,881	70.1%
Manistee CRC	5103	5,063,371	632,835	6,994,597	0	12,690,803	7,836,952	61.8%
Dist Hlth Dept #10	5104	4,391,452	780,602	23,663,539	3,150	28,838,743	18,015,458	62.5%
Manistee, City of	5105	8,609,144	348,266	9,802,002	9,293	18,768,705	16,030,806	85.4%
Manistee HC	5107	149,199	150,456	204,957	5,520	510,132	524,737	102.9%
Marquette, City of	5201	24,501,919	2,238,808	35,406,851	51,256	62,198,834	36,754,640	59.1%
Marquette Co	5202	27,627,597	3,531,015	72,373,476	238,929	104,135,017	70,730,257	67.9%
Negaunee, City of	5203	4,224,664	449,410	8,212,773	0	12,886,847	7,371,052	57.2%
Ishpeming, City of	5204	3,810,255	401,567	11,309,534	89,707	15,611,063	8,321,467	53.3%
Marquette Co Trans Auth	5206	1,374,564	0	2,112,308	11,454	3,498,326	3,279,302	93.7%
Ishpeming Area Joint Wwtr T	5207	939,299	60,156	641,655	0	1,641,110	1,364,201	83.1%
Superiorland Lib Coop	5208	0	20,779	964,023	0	984,802	785,218	79.7%
Marquette Brd of Light & Pw	5209	8,870,438	0	32,881,712	24,726	41,776,876	24,062,258	57.6%
Marquette CRC	5211	9,300,083	1,319,669	17,412,123	22,130	28,054,005	13,080,602	46.6%
Forsyth Twp	5212	1,452,846	464,103	5,012,476	0	6,929,425	3,770,706	54.4%
Marquette Co Solid Waste M	5213	979,342	542,323	1,025,723	8,598	2,553,034	2,337,876	91.5%
Pathways(Spr.Bhvl.Mntl.Hlth	5214	5,519,931	4,114,394	45,106,491	41,310	54,782,126	27,579,924	50.3%
Marquette Chtr Twp	5215	2,292,384	219,152	297,405	2,898	2,811,839	2,051,684	73.0%
Ishpeming Twp	5216	806,887	69,341	840,949	53	1,717,230	1,333,483	77.7%
Negaunee Twp	5217	399,754	1,957	84,610	880	487,201	443,572	91.0%
Choccolay, Chtr Twp of	5218	1,143,445	49,284	228,170	21,511	1,442,410	1,472,778	102.1%
Mason Co	5301	22,894,076	3,741,391	29,381,698	0	56,017,165	40,578,652	72.4%
Ludington, City of	5302	7,267,557	571,217	12,548,478	0	20,387,252	13,360,441	65.5%
Mason Co Dist Lib	5303	909,264	91,759	1,287,839	0	2,288,862	1,866,048	81.5%
W Mich CMH Sys	5304	1,546,908	1,215,264	2,569,821	22,969	5,354,962	4,560,874	85.2%
Mason CRC	5305	3,553,772	424,147	3,634,464	4,188	6,176,571	5,014,568	81.2%
Scottville, City of	5308	474,817	18,778	1,804,438	0	2,298,033	1,589,966	69.5%
Mecosta CRC	5401	3,581,087	329,768	6,384,134	16,839	10,311,828	7,877,864	76.4%
Big Rapids, City of	5402	5,121,600	207,159	9,886,202	0	15,214,961	9,532,263	62.7%
Mecosta Co	5403	10,701,143	2,753,401	21,800,198	15,174	35,269,916	33,040,243	93.7%
Mecosta Co General Hosp C	5404	0	2,211,238	5,548,710	0	7,759,948	8,202,138	105.7%
Mecola Central Dispatch	5405	1,790,468	299,821	880,717	0	2,971,006	2,406,183	81.0%
Big Rapids HC	5406	1,438,495	116,595	610,763	0	2,165,853	1,677,158	77.4%
Menominee, City of	5501	5,078,571	1,155,166	3,739,641	0	9,973,378	8,172,810	81.9%
Menominee Co	5502	11,970,848	1,277,277	11,651,752	7,831	22,907,708	16,345,104	65.6%
Menominee CRC	5503	2,148,607	228,920	2,712,917	0	5,090,444	2,979,381	58.5%
Stephenson, City of	5504	557,903	0	59,603	0	617,506	346,369	56.1%
Midland, City of	5601	38,285,600	3,506,246	103,301,440	97,382	145,190,668	82,338,183	56.7%
Midland CRC	5602	4,385,182	116,956	13,997,802	9,857	18,509,797	12,477,877	67.4%
Coleman, City of	5603	984,989	0	1,800,563	0	2,785,552	1,872,526	67.2%
Midland Co Central Disp Aut	5604	2,383,909	91,109	1,126,079	11,849	3,612,946	2,653,260	73.4%
Missaukee Co	5702	2,774,149	400,823	3,122,361	11,910	6,309,243	4,692,388	74.4%
Milan, City of	5801	1,727,681	951,573	10,270,663	0	12,949,917	6,396,567	49.4%
Luna Pier, City of	5802	687,955	52,074	4,072,910	15,466	4,828,405	2,487,557	51.5%
Dundee, Vlg of	5803	733,344	367,672	2,948,475	16,709	4,066,200	2,591,578	63.7%
Ash Twp	5804	340,953	5,127	480,437	0	826,517	431,089	52.2%
Carleton, Vlg of	5805	852,391	0	439,940	0	1,292,331	972,058	75.2%
Milan Lib	5806	133,591	0	270,913	0	404,504	253,021	62.6%
Petersburg, City of	5807	533,603	35,855	0	0	569,458	538,564	94.6%
Monroe HC	5808	853,227	143,827	1,229,686	0	2,226,740	1,187,996	53.4%
Rockwood, City of	5810	1,183,944	189,131	1,176,634	0	2,549,709	2,366,673	92.8%
Erie, Twp of	5812	55,579	0	0	16,629	72,208	85,310	118.1%
Mid-Mich Dist Hlth Dept	5901	5,242,041	1,271,016	4,229,612	56,240	10,798,909	8,714,378	80.7%
Howard City, Vlg of	5902	277,144	153,246	398,897	0	829,287	667,611	80.5%
Stanton, City of CLD	5903	0	0	56,086	0	56,086	95,571	170.7%
White Pine District Library	5904	68,967	0	186,948	0	255,915	137,075	53.6%
Montcalm CRC	5905	4,993,631	667,055	12,468,932	64	18,129,682	9,722,686	53.6%
Greenville, City of	5906	2,570,207	152,954	3,376,707	46,819	6,146,687	4,565,880	74.3%
Montmorency Co	6001	3,102,719	937,002	7,580,999	14,203	11,634,923	6,595,459	56.7%
MOA Solid Waste Mgmt Autl	6002	176,641	38,293	867,200	0	1,082,134	859,672	79.1%
Muskegon CRC	6101	7,279,424	805,838	15,807,254	0	23,892,516	16,548,405	69.3%
Muskegon Heights, City of	6102	8,928,595	1,165,750	24,455,081	185,596	34,735,021	23,171,332	66.7%
Muskegon Co	6103	86,744,227	14,802,169	170,893,637	931,092	273,371,125	183,261,921	67.0%
N Muskegon, City of	6104	2,206,125	65,436	4,486,740	0	6,758,301	5,123,952	75.8%
Whitehall, City of	6105	2,857,703	55,001	3,035,955	0	5,948,659	4,490,580	75.5%
Norton Shores, City of	6106	17,569,741	901,106	26,364,386	23,018	44,858,251	21,284,443	47.4%
Roosevelt Park, City of	6107	1,543,591	254,131	3,811,329	0	5,609,051	3,368,101	60.0%
Muskegon Chtr Twp	6108	11,194,452	173,984	10,372,267	9,318	21,750,021	15,435,552	71.0%
Citrl Dispatch of Muskegon C	6109	2,678,371	276,063	3,255,813	80,075	6,290,322	5,399,488	85.8%
W Mich Shoreline Rgnl Dev	6110	1,399,205	149,506	2,789,933	0	4,338,644	4,570,374	105.3%
Ravenna, Vlg of	6111	325,337	35,987	1,223,851	0	1,585,175	547,329	34.5%
Montague, City of	6112	2,835,390	164,462	2,765,540	0	5,765,392	4,087,105	70.9%
Muskegon HC	6113	488,025	0	388,554	0	876,579	627,126	71.5%
Hackley Pub Lib	6114	269,388	0	0	0	269,388	203,644	75.6%
Muskegon Heights HC	6115	853,915	4,407	560,077	1,264	1,419,663	851,641	60.0%
Muskegon, City of	6116	45,251,705	2,886,224	61,513,104	97,492	109,748,525	90,331,154	82.3%
Muskegon Area Dist Lib	6117	1,975,309	0	432,434	8,632	2,416,375	1,945,312	80.5%
Newaygo Co	6201	7,224,107	868,697	18,499,569	0	26,592,373	21,467,108	80.7%
Fremont, City of	6203	4,645,519	714,637	7,005,392	0	12,365,548	6,591,954	53.3%
Newaygo MCF	6204	4,763,637	1,302,625	6,911,014	424,529	13,401,805	12,788,612	95.4%
Newaygo Soil & Wtr Cnsvrn	6205	103,665	84,669	0	4,900	173,234	174,868	100.9%
White Cloud, City of	6206	356,810	101,934	499,663	0	958,407	576,486	60.2%
Newaygo CMH	6207	606,445	116,484	2,451,044	0	3,173,973	3,827,179	120.6%
White Cloud Cmnty Lib	6208	349,792	0	109,055	0	458,847	399,870	87.1%
Fremont Area Dist Lib	6209	544,602	124,173	474,664	0	1,143,439	837,158	73.2%
PRIDE Youth Programs CL	6210	0	0	539,934	0	539,934	383,664	71.1%
White Cloud/Sherman Util	6211	262,328	0	106,945	0	369,273	266,233	72.1%
Newaygo CRC	6212	4,888,948	246,748	5,361,637	0	10,497,333	8,198,040	78.1%
Hesperia, Vlg of	6214	0	31,088	0	1,455	32,543	62,317	191.5%
Pleasant Ridge, City of	6301	1,718,243	423,527	3,845,451	2,244	5,989,465	3,165,095	52.8%
Bloomfield Hills, City of	6302	8,312,842	474,760	26,122,066	18,117	34,927,785	32,192,907	92.2%
Huntington Woods, City of	6303	7,018,284	93,337	17,151,882	18,929	24,282,426	14,182,990	58.4%
Berkley, City of	6304	3,098,423	720,249	16,583,669	75,928	21,182,269	12,863,418	60.7%
Clawson, City of	6305	5,052,933	219,052	19,591,525	6,950	24,870,460	10,715,228	43.1%
Royal Oak, Chtr Twp of	6306	378,696	148,328	1,841,996	39,439	2,408,459	4,041,174	167.8%

**MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability**

<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Rochester, City of	6307	7,972,411	229,956	13,732,187	48,089	21,982,643	14,779,151	67.2%
Madison Heights, City of	6308	11,944,243	1,590,082	26,883,506	22,758	40,440,589	26,035,208	64.4%
SE Oakland Co Wtr Auth	6309	4,805,560	1,087	4,613,857	0	9,420,504	7,339,744	77.9%
SE Oakland Co Rsrc Rec Au	6310	1,950,794	295,053	3,382,571	0	5,628,418	3,691,746	65.6%
Lathrup Vlg, City of	6311	2,219,316	32,657	5,755,931	82,108	8,090,012	6,863,002	84.8%
Orchard Lake, City of	6312	1,387,747	111,055	4,456,149	196	5,955,147	3,955,926	66.4%
Milford, Vlg of	6313	6,243,040	502,327	7,174,857	38,799	13,959,023	10,687,299	76.6%
Sylvan Lake, City of	6314	1,535,024	19,339	1,377,998	18,757	2,951,118	1,916,642	64.9%
South Lyon, City of	6315	8,218,555	778,929	5,823,085	19,600	14,840,169	10,305,462	69.4%
Wixom, City of	6316	12,152,614	1,058,687	20,092,208	16,083	33,319,592	19,238,285	57.7%
Holly, Vlg of	6317	2,911,319	326,347	10,729,822	3,396	13,970,884	7,462,084	53.4%
Lake Orion, Vlg of	6318	1,015,923	136,672	3,120,419	33,900	4,306,914	2,821,737	65.5%
Farmington Cmnty Lib	6319	2,768,914	74,200	6,014,867	6,699	8,864,680	9,252,530	104.4%
Novi, City of	6320	38,457,063	4,445,710	53,061,516	186,481	96,150,770	62,435,768	64.9%
Beverly Hills, Vlg of	6321	9,973,972	1,287,627	14,131,133	176	25,392,908	22,339,892	88.0%
Keego Harbor, City of	6322	601,629	608,532	3,118,969	1,812	4,330,942	2,343,787	54.1%
Franklin, Vlg of	6323	1,761,550	13,104	5,640,196	15,218	7,430,068	4,240,817	57.1%
Walled Lake, City of	6324	3,251,955	948,514	9,773,538	54,986	14,028,993	4,569,525	32.6%
White Lake Chtr Twp	6325	14,945,172	868,874	13,273,504	98,916	29,186,466	21,797,882	74.7%
Oxford, Vlg of	6326	1,563,620	130,305	1,545,704	506	3,240,135	2,055,627	63.4%
Oxford Fire Department	6327	1,806,434	198,642	3,093,506	0	5,098,582	3,056,429	59.9%
Independence Twp	6328	7,376,262	79,433	4,665,642	3,744	12,125,081	8,375,630	69.1%
Wolverine Lake, Vlg of	6329	1,012,378	325,786	1,796,843	52,886	3,187,893	1,802,957	56.6%
Bingham Farms, Vlg of	6332	309,270	0	0	0	309,270	265,550	85.9%
Brandon Chtr Twp of	6333	3,418,762	205,506	3,028,481	416	6,653,165	5,350,223	80.4%
Groveland Twp	6335	1,122,594	146,247	421,477	0	1,690,318	1,771,813	104.8%
Hazel Park, City of	6336	17,899,233	924,573	48,290,347	86,633	67,200,786	35,405,121	52.7%
Farmington, City of	6343	7,382,266	234,266	17,894,634	290	25,511,456	20,993,394	82.3%
Ferdale HC	6345	395,227	323,141	171,972	0	890,340	565,912	63.6%
Pentwater, Vlg of	6401	485,430	161,956	1,350,866	4,770	2,003,022	1,541,530	77.0%
Oceana Co	6402	19,731,843	2,088,352	17,911,123	98,875	39,830,193	30,564,800	76.7%
Mason-Oceana Cty Enh 911	6403	1,382,417	304,250	645,286	2,043	2,333,996	2,058,041	88.2%
Dist Hlth Dept # 2	6501	2,548,619	886,937	4,183,870	20,565	7,639,991	5,753,979	75.3%
Ogemaw Co	6502	10,363,612	809,329	17,474,833	66,244	28,714,018	21,685,054	75.5%
Ogemaw CRC	6503	4,930,299	7,761	4,935,588	0	9,873,648	5,643,666	57.2%
Rose City, City of	6504	158,352	14,062	560,778	4,894	738,086	587,138	79.5%
West Branch, City of	6505	1,251,519	150,900	4,199,494	13,246	5,615,159	3,906,354	69.6%
Rose Twp	6506	59,441	0	77,520	0	136,961	362,644	264.8%
Trio Council on Aging Inc CL	6507	0	21,411	267,409	0	288,820	287,253	99.5%
Ogemaw Co EMS Auth	6508	2,068,862	539,706	700,578	13,980	3,323,126	2,915,188	87.7%
West Branch Dist Lib	6509	278,207	0	198,025	0	476,232	411,012	86.3%
Ontonagon Co	6602	4,388,686	647,539	5,202,871	0	10,239,096	7,144,184	69.8%
Ontonagon, Vlg of	6603	936,232	2,219,101	11,416,747	149,449	14,721,529	9,194,080	62.5%
Ontonagon CRC	6604	7,481,259	0	16,047,764	0	23,529,023	9,796,751	41.6%
Ontonagon Co Economic Dv	6605	0	0	102,625	0	102,625	54,518	53.1%
Osceola Co	6701	10,490,182	1,997,731	6,062,869	10,564	18,561,346	15,456,796	83.3%
Reed City, City of	6702	2,654,804	420,623	3,637,088	815	6,713,330	4,364,487	65.0%
Osceola CRC	6703	2,233,680	0	5,837,004	0	8,070,684	4,654,890	57.7%
Marion, Vlg of	6704	407,625	1,850	240,323	0	649,798	478,012	73.6%
Evert, City of	6705	650,013	265,055	1,246,304	0	2,161,372	1,699,956	78.7%
Evert Local Dev Finance Aut	6706	69,410	0	448,574	0	517,984	266,739	51.5%
Oscoda Co	6801	4,015,632	363,208	6,430,102	29,299	10,838,241	7,206,640	66.5%
Oscoda Wurtsmith Arpt Aut	6802	249,725	0	149,767	0	399,492	318,453	79.7%
Otsego CRC	6901	3,391,057	389,622	7,749,285	237	11,530,201	6,731,075	58.4%
Otsego Co	6902	8,597,251	2,356,760	11,257,593	8,793	22,220,397	14,227,553	64.0%
Gaylord, City of	6903	5,179,498	146,577	8,434,223	738	13,761,036	8,394,161	61.0%
Corwith Twp	6904	114,691	0	0	0	114,691	111,380	97.1%
Holland, City of	7001	48,066,427	4,408,771	80,358,576	4,768	132,838,542	111,310,830	83.8%
Ottawa CRC	7002	17,629,491	826,592	36,999,835	5,899	55,461,817	32,879,334	59.3%
Ottawa Co	7003	128,042,488	14,856,053	124,678,037	823,518	268,400,096	223,628,359	83.3%
Hudsonville, City of	7004	336,069	686,062	1,275,527	1,510	2,299,168	1,575,080	68.5%
Coopersville, City of	7005	1,061,015	220,338	1,646,335	256	2,927,944	2,248,795	76.8%
Holland Cmnty Hosp CLD	7006	0	88,587	1,527,843	0	1,616,430	1,736,867	107.5%
Lakeshore Coordinating Cou	7007	0	127,633	899,306	0	1,026,939	1,089,486	106.1%
Ottawa Co Central Disp Autl	7008	1,082,256	186,198	1,058,891	8,982	2,336,327	2,014,665	86.2%
Olive Twp	7009	179,294	0	235,104	0	414,398	291,506	70.3%
Grand Haven, City of	7010	38,857,216	2,943,018	59,085,930	84,189	100,970,353	77,257,452	76.5%
Coopersville Area Dist Lib	7011	145,213	74,326	266,538	3,139	489,216	234,132	47.9%
Herrick Dist Lib	7012	2,725,604	316,845	5,360,978	0	8,403,427	6,937,494	82.6%
Loutit Dist Lib	7013	1,782,498	0	557,545	8,426	2,348,469	1,955,747	83.3%
Holland Area Cmnty Pool Au	7014	561,224	58,932	263,615	60,123	943,894	987,642	104.6%
Spring Lake, Vlg of	7015	564,522	1,536,965	1,742,464	2,864	3,846,815	3,191,160	83.0%
Spring Lake Dist Lib	7016	1,618,950	0	144,509	1,645	1,765,104	1,746,769	99.0%
Port Sheldon Twp	7018	716,460	0	145,696	0	862,156	925,550	107.4%
Presque Isle CRC	7101	2,681,594	0	7,092,351	1,964	9,775,909	5,248,894	53.7%
Rogers City, City of	7102	2,477,535	270,941	8,305,949	7,187	11,061,612	5,658,209	51.2%
Dist Hlth Dept # 4	7103	4,509,237	817,507	14,483,209	9,303	19,819,256	12,940,465	65.3%
Presque Isle Co	7104	5,781,801	320,879	6,999,337	31,293	13,133,310	8,917,994	67.9%
Onaway, City of	7105	518,427	10,984	228,689	0	758,100	733,412	96.7%
Ferrysburg, City of	7106	903,598	37,057	1,138,785	0	2,079,440	1,533,654	73.8%
Roscommon Co	7201	11,395,265	1,423,462	13,796,305	18,517	26,633,549	20,081,077	75.4%
Richfield Twp (Roscommon	7202	1,187,319	285,340	1,515,378	18,612	3,006,649	1,871,307	62.2%
Houghton Lake Pub Lib	7203	389,207	0	345,226	0	734,433	749,860	102.1%
Roscommon Co Trans Auth	7205	1,216,725	166,162	1,559,748	0	2,942,635	2,366,059	80.4%
Saginaw, City of	7301	35,221,117	3,409,541	220,280,240	99,895	259,010,793	141,315,184	54.6%

MERS 12/31/2015 Valuation – Results By Municipality
Actuarial Accrued Liability

<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Saginaw Co	7303	18,221,785	3,452,984	127,505,392	8,768	149,188,929	133,962,801	89.8%
Saginaw CRC	7304	10,624,399	515,558	21,564,783	4,434	32,709,174	23,907,607	73.1%
Saginaw-Midland Muni Wtr C	7305	2,542,621	38,513	2,070,893	0	4,652,027	3,245,125	69.8%
Frankenmuth, City of	7306	6,212,484	374,174	7,793,105	1,160	14,380,923	10,645,161	74.0%
Bridgeport Chtr Twp	7307	3,435,197	1,221,895	4,411,435	10,550	9,079,077	5,556,503	61.2%
St Charles, Vlg of	7308	1,082,738	60,189	3,140,471	0	4,283,398	2,532,059	59.1%
Swan Creek Twp	7309	457,545	0	284,262	441	742,248	612,423	82.5%
Richland Twp	7310	1,489,769	13,690	3,304,275	1,913	4,809,647	2,893,455	60.2%
Hlth Source of Saginaw	7311	14,639,792	4,664,699	25,664,635	10,309	44,979,435	34,346,178	76.4%
Buena Vista Chtr Twp	7312	3,814,733	841,624	7,433,718	50,949	12,141,024	8,505,992	70.1%
Chesaning, Vlg of	7313	454,792	107,960	2,770,697	0	3,333,449	618,817	18.6%
Saginaw Chtr Twp	7314	4,367,464	965,822	13,877,773	24,560	19,235,619	13,025,500	67.7%
Birch Run, Vlg of	7315	1,247,450	69,957	161,489	4,377	1,483,273	1,326,357	89.4%
Saginaw Co 911 Com Ctr	7316	3,844,876	234,336	8,828,962	0	12,908,174	8,914,586	69.1%
Saginaw, Pub Lib of	7317	1,116,741	182,853	378,395	25,511	1,703,500	2,538,156	149.0%
Saginaw Co CMH	7318	3,759,886	1,479,481	12,671,130	655	17,911,152	12,567,714	70.2%
Saginaw Trans Sys Auth	7319	1,035,485	256,030	1,065,489	0	2,357,004	2,406,283	102.1%
Carrollton Twp	7320	2,696,067	109,867	1,201,431	1,814	4,009,179	3,037,759	75.8%
Saginaw HC	7321	1,148,172	600,758	2,479,354	21,095	4,249,379	2,236,044	52.6%
Tittabawassee, Twp of	7322	1,982,001	112,759	1,073,137	2,333	3,170,230	3,076,111	97.0%
Frankenmuth Wickson Dist I	7323	198,212	0	0	0	198,212	125,298	63.2%
Croswell, City of	7401	4,334,562	210,230	5,579,106	0	10,123,898	5,815,288	57.4%
Sandusky, City of	7402	1,780,936	363,445	2,264,199	5,690	4,414,270	2,616,533	59.3%
Port Sanilac, Vlg of	7403	575,482	85,183	611,409	4,397	1,276,471	801,621	62.8%
Sandusky Dist Lib	7404	201,856	0	46,725	0	248,581	230,418	92.7%
Marlette, City of	7405	883,350	457,365	681,635	0	2,022,350	1,350,887	66.8%
Aitkin Memorial Dist Lib	7407	0	76,771	0	0	76,771	136,433	177.7%
Sanilac CRC	7410	4,959,696	0	2,978,691	0	7,938,387	6,812,219	85.8%
Schoolcraft CRC	7501	3,087,094	486,215	11,573,450	0	15,146,759	7,138,482	47.1%
Schoolcraft Co	7503	11,005,939	1,776,400	21,119,600	174,863	34,076,802	22,673,669	66.5%
Manistique, City of	7504	5,549,797	62,366	8,785,062	0	14,397,225	6,952,616	48.3%
Schoolcraft Memorial Hosp	7505	7,509,559	2,362,937	12,843,902	14,940	22,731,338	18,112,752	79.7%
Shiawassee CRC	7601	5,585,212	1,353,095	13,923,776	446	20,862,529	13,529,564	64.9%
Shiawassee Co	7602	31,512,580	8,240,710	73,418,083	51,458	113,222,831	72,864,608	64.4%
Durand, City of	7603	2,604,391	618,930	2,748,972	0	5,972,293	4,129,792	69.1%
Corunna City of	7604	1,530,024	194,839	4,100,102	0	5,824,965	3,536,419	60.7%
Shiawassee Council on Agir	7605	87,750	0	773,357	0	861,107	578,639	67.2%
Shiawassee Dist Lib	7606	1,421,192	35,722	413,834	10,546	1,881,294	1,874,905	99.7%
Owosso, City of	7607	634,375	42,022	4,238,395	0	4,914,792	3,334,731	67.9%
Laingsburg, City of	7608	386,815	16,998	83,445	5,966	493,224	495,963	100.6%
Shiawassee Co CMH	7609	6,504,288	2,531,549	5,826,452	0	14,862,452	12,342,528	83.0%
Bancroft, Vlg of	7610	35,739	0	72,483	0	108,222	30,159	27.9%
SW Shiawassee ESA	7611	836,723	20,649	63,053	3,204	923,629	879,839	95.3%
East China Chtr Twp	7701	2,211,654	0	6,361,712	4,780	8,578,146	5,583,176	65.1%
Port Huron, City of	7702	47,165,861	2,846,706	106,199,372	77,838	156,289,777	89,706,697	57.4%
St Clair, City of	7703	4,333,874	718,742	17,044,304	0	22,096,920	13,023,896	58.9%
Marine City, City of CLD	7704	0	0	14,136	0	14,136	34,633	245.0%
Capac, Vlg of	7705	311,299	194,297	2,150,656	3,223	2,659,475	799,456	30.1%
Clay Twp	7706	4,315,752	348,297	4,679,519	42,701	9,386,269	6,045,831	64.4%
Algonac, City of	7707	1,251,219	604,324	4,173,169	2,230	6,030,942	4,775,083	79.2%
Lexington, Vlg of	7708	987,297	239,977	1,391,717	11,971	2,630,962	1,750,566	66.5%
Blue Water Area Trans Com	7709	6,799,306	99,174	2,545,104	0	9,443,584	6,538,914	69.2%
Port Huron Chtr Twp	7711	1,801,156	340,810	1,431,005	0	3,572,971	2,455,571	68.7%
Port Huron HC	7712	2,584,372	835,731	5,160,157	0	8,580,260	5,273,667	61.5%
St Clair HC	7715	194,365	0	537,567	0	731,932	371,206	50.7%
Three Rivers, City of	7801	6,851,740	2,468,592	8,649,344	42,222	18,011,898	12,798,490	71.1%
St Joseph County	7803	16,550,671	3,525,198	23,604,972	42,933	43,723,774	41,097,756	94.0%
White Pigeon, Vlg of	7804	122,075	30,858	72,318	622	225,873	216,738	96.0%
Sturgis HC	7805	95,442	23,292	0	0	118,734	121,480	102.3%
Constantine, Vlg of	7806	61,902	10,364	0	2,237	74,503	81,917	110.0%
Tuscola Co Hlth Dpt	7901	5,370,276	0	5,131,540	20,114	10,521,930	8,132,623	77.3%
Tuscola Co	7902	13,906,077	1,633,984	18,048,469	114,566	33,703,096	26,287,968	78.0%
Vassar, City of	7903	967,470	400,487	5,951,804	16,257	7,336,018	4,874,649	66.4%
Millington, Vlg of	7904	465,156	0	954,393	0	1,419,549	1,485,365	104.6%
Indianfields Twp CLD	7905	0	56,520	229,668	0	286,188	298,973	104.5%
Tuscola Co MCF	7906	8,636,474	788,750	6,011,016	313,322	15,749,562	14,481,590	91.9%
Tuscola Co CMH	7907	8,492,980	626,597	6,297,619	281,911	15,699,107	14,600,739	93.0%
Tuscola CRC	7908	1,897,923	147,531	4,092,228	14,412	6,152,094	3,890,775	63.2%
South Haven, City of	8001	10,640,453	828,516	16,325,963	37,360	27,832,292	23,461,045	84.3%
Paw Paw, Vlg of	8002	4,549,898	384,078	4,366,889	51,067	9,351,932	7,041,403	75.3%
Bangor, City of	8003	5,595	181,307	1,535,241	1,128	1,723,271	2,240,130	130.0%
Lawrence, Vlg of	8004	0	17,866	108,023	0	125,889	122,332	97.2%
South Haven Area ESA	8005	4,299,507	0	3,044,061	0	7,343,568	4,556,051	62.0%
Van Buren Co	8006	20,853,642	1,347,626	12,877,582	260,995	35,339,845	23,611,142	66.8%
Van Buren Dist Lib	8007	941,615	57,972	926,941	16,451	1,942,979	1,618,620	83.3%
Covert Twp	8010	1,176,863	62,273	362,209	6,768	1,608,113	1,175,324	73.1%
Ypsilanti, City of	8101	5,808,465	728,195	8,117,754	128,973	14,783,387	19,018,514	128.6%
Washtenaw CRC	8102	21,283,169	1,036,072	41,750,383	137,311	64,206,935	35,893,360	55.9%
Chelsea, City of	8103	1,735,974	611,367	10,523,836	0	12,871,177	9,213,735	71.6%
Ypsilanti, Twp of	8104	9,934,329	625,867	10,994,848	69,140	21,624,184	15,482,518	71.6%
Saline, City of	8105	10,765,694	573,075	15,246,666	0	26,585,435	17,455,772	65.7%
Ypsilanti Cmnty Util Auth	8106	20,267,780	1,974,910	30,543,605	16,754	52,803,049	31,112,654	58.9%
Barton Hills, Vlg of	8107	477,498	0	406,419	0	883,917	708,745	80.2%
Superior Chtr Twp	8109	3,194,591	0	3,924,239	7,312	7,126,142	5,041,804	70.8%
Pittsfield Chtr Twp	8110	18,916,737	2,048,898	11,809,147	195,827	32,970,609	22,981,016	69.7%
Dexter Twp	8111	327,940	71,910	425,228	20,040	845,118	692,166	81.9%
Lima Twp	8112	196,451	0	200,246	0	396,697	474,820	119.7%
Washtenaw Co	8113	74,925,397	1,965,897	23,525,072	404,021	100,820,387	75,689,278	75.1%
Ypsilanti HC	8115	26,135	108,914	734,017	16,229	885,295	829,967	93.8%
Scio Twp	8116	2,556,939	0	390,188	15,069	2,962,196	2,362,911	79.8%
Northfield Twp	8117	1,693,694	189,216	1,882,910	0	1,882,910	1,654,512	87.9%
Chelsea Area Fire Auth	8118	688,196	13,001	0	0	701,197	655,068	93.4%
Grosse Pointe Park, City of	8201	17,850,339	551,856	26,430,275	62,149	44,894,619	25,582,646	57.0%
Plymouth, City of	8202	446,203	299,028	15,860,867	0	16,606,098	8,859,499	53.4%
Trenton, City of	8203	8,610,220	50,255	38,108,776	1,495	46,770,746	26,972,076	57.7%
Hamtramck, City of	8205	9,752,447	2,399,464	87,153,375	445,249	99,750,535	47,692,573	47.8%
Ecorse, City of	8206	4,986,746	897,244	36,802,488	3,276	42,689,754	15,281,184	35.8%
Grosse Ile Twp	8207	15,383,934	789,132	15,751,804	0	31,924,870	19,842,744	62.2%

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<u>Municipality Name</u>	<u>Number</u>	<u>Active Liability</u>	<u>Vested Former Liability</u>	<u>Retired Liability</u>	<u>Pending Refund Liability</u>	<u>Total Liability</u>	<u>Actuarial Value of Assets</u>	<u>Percent Funded</u>
Northville, City of	8208	4,571,493	800,844	15,129,506	10,225	20,512,068	11,892,942	58.0%
Redford, Chtr Twp of	8209	11,863,114	2,037,253	38,156,204	17,179	52,073,750	31,247,550	60.0%
SEMCOG	8210	12,840,816	1,956,845	15,696,610	0	30,494,271	27,171,363	89.1%
Westland, City of	8211	32,012,426	3,063,463	98,402,508	24,807	133,503,204	58,112,861	43.5%
Flat Rock, City of	8212	9,130,867	657,918	14,897,198	49,831	24,735,814	12,457,781	50.4%
Belleville, City of	8213	2,672,842	350,330	5,311,884	1,262	8,336,318	4,514,301	54.2%
Ctrl Wayne Co Sanitation Au	8214	0	253,151	2,395,410	0	2,648,561	1,956,058	73.9%
Melvindale, City of	8215	10,502,477	806,812	31,166,314	1,719	42,477,322	17,910,171	42.2%
SMART	8216	90,100,471	12,436,977	140,973,375	187,293	243,698,116	168,278,568	69.1%
Dexter, City of	8217	1,612,115	46,933	2,557,941	3,105	4,220,094	3,128,686	74.1%
The Lib Network	8218	3,567,257	575,199	3,374,128	56,114	7,572,698	5,832,425	77.0%
Dexter Area Fire Dept	8219	966,734	0	433,536	0	1,400,270	807,634	57.7%
Melvindale HC	8220	39,304	771,296	472,449	2,167	1,285,216	1,008,047	78.4%
Plymouth Dist Lib	8221	1,407,020	11,966	2,935,118	0	4,354,104	3,574,167	82.1%
23rd Jud Dist Ct	8223	1,626,476	171,955	1,973,835	502	3,772,768	2,991,419	79.3%
Huron Chtr Twp	8224	10,360,237	1,019,893	9,977,965	17,731	21,375,826	14,661,711	68.6%
Romulus, City of	8225	10,914,979	587,131	39,699,341	92,413	51,293,864	21,223,714	41.4%
Sumpter Twp	8226	5,771,133	52,183	2,434,147	23,213	8,280,676	5,837,169	70.5%
Redford Twp Dist Lib	8228	1,726,939	62,584	1,026,470	0	2,815,993	2,153,608	76.5%
Northville Dist Lib	8229	2,114,227	39,240	1,015,435	0	3,168,902	2,464,041	77.8%
Northville Chtr Twp	8230	24,487,062	373,322	18,114,433	970	42,975,787	29,876,274	69.5%
Taylor HC	8231	359,438	0	288,008	0	647,446	612,405	94.6%
Canton Pub Lib	8232	1,736,239	198,478	2,465,720	0	4,400,437	4,431,724	100.7%
Canton, Chtr Twp of	8233	42,128,345	623,934	74,351,347	87,863	117,191,489	77,868,419	66.4%
35th Dist Ct	8234	763,972	0	4,086,542	21,704	4,872,218	3,006,561	61.7%
34th Dist Ct	8235	4,634,966	250,808	4,160,485	1,177	9,047,436	5,436,482	60.1%
Van Buren Twp	8236	9,407,894	1,544,739	6,430,643	9,325	17,392,601	13,069,481	75.1%
Mich Muni Risk Mgmt Auth	8237	1,104,377	0	0	0	1,104,377	1,191,992	107.9%
Plymouth, Chtr Twp of	8238	13,210,820	564,984	15,366,929	42,889	29,185,622	20,918,549	71.7%
Detroit HC	8241	11,549,689	1,890,689	3,163,307	54,900	16,658,585	15,848,728	95.1%
Wayne, City of	8242	23,119,856	2,713,884	88,760,514	111,948	114,706,202	69,667,627	60.7%
21st Dist Ct	8243	474,700	0	2,199,933	0	2,674,633	1,792,705	67.0%
Lincoln Park, City of	8244	3,653,124	1,649,005	37,061,480	0	42,363,609	7,218,210	17.0%
Brownstown, Chtr Twp of	8247	19,914,992	588,347	6,263,917	50,150	26,817,406	19,528,872	72.8%
Hamtramck HC	8250	1,912,687	396,937	347,601	296	2,657,521	1,776,730	66.9%
Dearborn, City of	8251	8,715,744	3,612	0	50,378	8,769,734	9,310,163	106.2%
Wayne HC	8252	126,189	0	668,348	0	794,537	607,712	76.5%
Garden City, City of	8255	25,310,447	917,895	60,429,284	30,596	86,688,222	59,455,880	68.6%
Southgate, City of	8262	7,770,342	446,554	21,401,860	0	29,618,756	20,044,844	67.7%
Cadillac, City of	8301	6,038,235	860,688	7,970,853	0	14,869,776	12,095,154	81.3%
Wexford Co	8302	11,753,736	1,923,966	15,273,310	55,253	29,006,265	19,300,633	66.5%
Wexford CRC	8303	5,650,325	874,462	7,199,653	14,095	13,738,535	8,833,039	64.3%
Manton, City of	8304	330,006	82,695	1,562,186	0	1,974,887	780,619	39.5%
Cadillac/Wexford Trans Autr	8305	769,490	67,961	1,417,737	0	2,255,188	1,663,503	73.8%
Mid-Mich Lib League	8306	162,715	290,805	305,393	0	758,913	709,616	93.5%
Pokagon Band of Potawatoni	8401	13,184,909	1,588,197	2,257,823	204,968	17,235,897	17,720,240	102.8%
Lac Vieux Desert Band	8402	247,997	196,705	99,230	0	543,932	488,819	89.9%
Nottawaseppi Huron Band	8403	201,151	49,417	0	6,651	257,219	251,840	97.9%
Totals - Active Groups	717	4,680,668,372	535,910,013	8,111,077,046	22,173,037	13,349,828,468	8,874,125,001	
Totals - Closed Groups	15	0	3,401,287	14,754,718	43,069	18,199,074	18,713,763	
Totals - MERS	732	4,680,668,372	539,311,300	8,125,831,764	22,216,106	13,368,027,542	8,892,838,764	

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<u>Municipality Name</u>	<u>Number</u>	<u>Amortization Period(s) for Positive UAL¹</u>	<u>Normal Cost</u>	<u>Amortization Payment²</u>	<u>Total Employer Contribution</u>
Alcona Co	0101	23, 9	209,784	465,372	675,156
Alger CRC	0201	23	101,208	219,828	321,036
Munising, City of	0202	23	133,488	209,556	343,044
Alger Co	0203	23, 14, 4	203,628	229,848	434,724
Allegan CRC	0301	23	151,416	623,736	775,152
Allegan Co	0302	19, 5, 4	358,764	973,308	1,332,072
Douglas, City of Vlg of	0303	23	111,732	48,516	160,248
Wayland, City of	0304	23	149,028	134,964	283,992
Saugatuck Twp	0305	23	21,168	44,304	65,472
Kalamazoo Lake Swr & Wtr Auth	0306	23	26,004	30,636	56,640
Saugatuck, City of	0307	23	37,284	18,888	56,172
Interurban Trans Auth	0308	23	21,900	8,208	30,108
Allegan, City of	0309	23, 5	89,448	100,164	189,612
Henika Dist Lib	0310	23	4,932	684	5,616
Manlius Twp	0311	23	4,836	3,084	7,920
Saugatuck Twp Fire Dist	0313	23	22,128	4,548	26,676
Alpena Co	0401	23, 10	273,084	530,988	804,072
Alpena CRC	0402	17	82,056	324,936	406,992
26th Jud Cir Ct	0403	23	46,668	18,564	65,232
Alpena Sr Citizens Ctr	0404	10	0	81,576	81,576
Alpena Rgnl Med Ctr	0405	19, 16, 4	852,072	9,557,472	10,409,544
Alpena HC	0406	23	40,380	2,268	42,648
Antrim CRC	0501	23	171,720	445,944	617,664
Antrim Co	0502	23	951,816	761,304	1,713,120
Central Lake, Vlg of	0504	23	18,444	324	18,768
Elk Rapids, Vlg of	0506	23	48,744	35,148	83,892
Standish, City of	0601	4	6,300	233,424	239,724
Au Gres, City of	0602	10	5,988	75,012	81,000
Arenac Co	0603	20, 8, 4	137,088	519,420	656,508
Arenac CRC	0604	23	20,280	395,580	415,860
Sterling, Vlg of	0605	23	5,628	(5,628)	0
Sims Whitney Util Auth	0606	23	9,996	5,424	15,420
Baraga CRC	0701	23	57,696	247,392	305,088
Baraga Co	0702	23	132,828	147,600	280,428
Baraga Co Memorial Hosp	0703	10, 4	149,352	1,253,136	1,402,488
Baraga, Vlg of	0704	23	53,508	143,244	196,752
L'Anse, Vlg of	0705	23	103,332	232,284	335,616
Hastings, City of	0801	23, 17	160,980	517,080	678,684
Barry Co	0802	23, 6, 4	1,349,244	1,237,764	2,587,260
Middleville, Vlg of	0803	23, 4	23,496	38,040	61,536
Barry Co CMH Auth	0804	23	287,880	99,960	387,840
Nashville, Vlg of	0807	23	16,356	(2,412)	13,944
Bay City, City of	0901	23, 20, 4	194,340	5,366,328	5,562,180
MBS Intl Arprt	0902	23	150,480	305,424	455,904
Essexville, City of	0903	23, 19, 17, 4	75,000	193,560	293,100
Pinconning, City of	0904	23	16,800	59,652	76,452
Auburn, City of	0905	23	8,184	64,944	73,128
Bay City HC	0906	4	57,624	134,496	192,120
Bay Metro Trans Auth	0907	23	376,380	457,452	833,832
Benzie CRC	1001	23	73,872	314,352	388,224
Frankfort, City of	1002	23	37,908	111,636	149,544
Benzie Co	1003	23	360,636	407,868	768,504
Benzie Co MCF (The Maples)	1004	23	189,432	120,948	310,380
Benzie Shores Dist Lib	1005	23	4,128	(1,320)	2,808
Benzie Co Comm on Aging	1006	23	36,732	23,712	60,444
Benzie Trans Auth	1007	23	48,576	(12,012)	36,564
Buchanan, City of	1101	23, 4	85,236	(143,796)	183,276
Berrien Springs, Vlg of	1102	23	26,544	5,256	31,800
Paw Paw Lk Reg Jnt Swg Disp B	1103	23	20,928	33,960	54,888
Eau Claire, Vlg of	1104	23	2,064	23,880	25,944
Niles Dist Lib	1105	23	20,688	13,020	33,708
Howard Twp	1106	23	5,304	1,200	6,504
Coloma Chtr Twp	1107	23	23,472	64,860	88,332
Buchanan Dist Lib	1108	23	7,092	(2,076)	5,016
Baroda Lake Twp Police Dept	1109	23	22,020	6,360	28,380
Bridgman, City of	1110	23	41,904	32,928	74,832
Chikaming Twp	1112	23	28,344	57,708	86,052
New Buffalo, City of	1113	23	41,976	42,684	84,660
Oronoko Chtr Twp	1114	23	45,900	47,280	93,180
Grand Beach, Vlg of	1117	23	29,016	48	29,064
Coloma, City of	1118	23	7,248	9,540	16,788
SW Mich Comm Amb Svcs	1119	23	7,992	47,124	55,116
Benton Harbor, City of	1120	20	40,356	1,312,776	1,353,132
Coldwater, City of	1201	19, 9	56,676	514,836	571,512
Branch-Hillsdale-St Joseph Com	1202	21	198,528	129,360	327,888
Coldwater Brd of Pub Util	1203	13, 10	78,840	567,828	646,668
Bronson, City of	1204	23	(16,608)	57,684	41,076
Branch Co	1205	23, 21	1,046,844	1,332,636	2,379,480
Albion, City of	1301	23, 16, 5, 4	120,492	(19,896)	160,464
Battle Creek, City of	1302	23, 20, 16	1,670,508	4,410,924	6,081,432
Springfield, City of	1303	23, 19	47,472	232,452	279,924

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Homer, Vlg of	1304	23	27,876	15,048	42,924
Marshall, City of	1306	23, 19, 16	201,636	885,768	1,087,404
Willard Pub Lib	1308	23	107,592	46,956	154,548
Marshall Dist Lib	1309	8	0	20,424	20,424
Emmett, Chtr Twp	1310	23	15,984	81,732	97,716
Calhoun Co	1311	23, 19	731,292	2,580,072	3,311,364
Pennfield Chtr Twp	1312	23	55,176	51,984	107,160
Marshall Area Firefighters Amb	1313	23	39,408	2,796	42,204
Calhoun Co Conso Dispatch Auth	1316	17	61,020	(39,288)	34,056
Dowagiac, City of	1401	23	155,616	696,852	852,468
Cass Co	1402	23	477,564	545,604	1,023,168
Cass Co MCF	1403	23	109,344	11,904	121,248
Cass Dist Lib	1404	23	22,344	4,272	26,616
Dowagiac HC	1405	23	14,628	(3,660)	10,968
Dowagiac Dist Lib	1406	23	6,888	(204)	6,684
Charlevoix CRC	1501	23	123,996	166,236	290,232
NW Mich Cmnty Hlth Agcy	1502	4	32,700	398,220	430,920
Charlevoix Co	1503	23, 21	1,153,740	991,488	2,145,228
East Jordan, City of	1504	23	62,832	107,580	170,412
Charlevoix, City of	1505	23	149,388	311,304	460,692
Boyne City, City of	1506	23, 8	60,096	387,648	447,744
Jordan Valley Dist Lib	1507	23	3,456	588	4,044
Boyne City HC	1508	23	12,516	30,876	43,392
Jordan Valley EMS Auth	1509	23	14,064	10,536	24,600
Cheboygan CRC	1601	23, 21	196,488	727,620	924,108
Cheboygan, City of	1602	23	90,540	255,936	346,476
Cheboygan Co	1603	23	567,876	489,420	1,057,296
Tuscarora Twp	1604	23	62,244	80,076	142,320
Mackinaw City, Vlg of	1606	23	21,996	10,644	32,640
Sault Ste. Marie, City of	1701	23	190,284	602,100	792,384
Superior Dist Lib	1702	23	16,080	(16,080)	0
Chippewa Co	1703	23	652,320	886,692	1,539,012
Chippewa CRC	1704	23	291,048	621,852	912,900
E UP Trans Auth	1705	23	154,416	400,020	554,436
Detour, Vlg of	1706	23	16,776	25,008	41,784
Hiawatha Bhvrl Hlth	1707	17, 12, 10, 9	74,364	496,944	571,308
Drummond Island Twp	1708	23	11,916	2,616	14,532
E UP Reg Planning & Dev Comm	1709	23	12,000	(10,164)	1,836
Clare CRC	1801	23	106,128	237,492	343,620
Clare Co	1802	20	371,352	498,552	869,904
Harrison, City of	1803	23	50,652	64,524	115,176
Clare, City of	1804	23	55,812	228,420	284,232
Farwell, Vlg of	1805	23	9,828	12,288	22,116
Clare Co Trans Auth	1806	23	14,520	6,276	20,796
Harrison District Library	1807	23	5,664	5,796	11,460
Clinton CRC	1901	23	199,956	553,524	753,480
St Johns, City of	1902	23, 21, 12	106,704	875,136	981,840
Clinton Co	1903	21, 20, 14, 12, 10	688,800	388,788	1,077,588
Fowler, Vlg of	1904	23	12,780	5,904	18,684
SCCMUA	1905	23, 20	39,984	50,220	90,204
Elsie, Vlg of CLD	1906		0	0	0
Westphalia, Vlg of	1907	23	9,540	9,240	18,780
DeWitt, City of	1908	23	62,784	169,824	232,608
Bath Charter Twp	1909	23	36,660	113,568	150,228
DeWitt Chtr Twp	1910	23	77,208	103,296	180,504
Crawford Co	2001	19, 12, 10, 9	182,724	706,524	934,752
Crawford CRC	2002	23, 18	121,488	390,900	512,388
Grayling, City of	2003	19, 17, 8	30,180	211,932	242,112
Crawford Co Trans Auth	2004	23	86,964	105,744	192,708
Escanaba, City of	2101	23, 14, 13, 12	209,232	1,457,832	1,667,064
Delta Co	2102	21, 18, 16, 14, 13, 10	342,912	1,000,044	1,342,956
Delta-Menominee Dist Hlth Dept	2103	23	181,692	51,840	233,532
Delta CRC	2105	23	119,616	366,456	486,072
Gladstone, City of	2106	23, 14, 9	69,504	782,520	852,024
Delta Area Transit Auth	2107	23	10,296	384	10,680
Iron Mountain, City of	2201	23	69,612	498,960	568,572
Kingsford, City of	2202	23, 20	61,080	187,920	249,000
Dickinson CRC	2203	19, 14	93,636	398,496	492,132
Norway, City of	2204	23, 19	142,044	807,360	949,404
Iron Mountain-Kingsford Swg	2205	23	14,736	34,464	49,200
Dickinson Co	2206	23, 21	370,332	947,616	1,317,948
Northpointe Bhvrl Hlth Sys	2207	23, 18, 4	292,752	114,960	416,640
Charlotte, City of	2301	23	159,132	564,696	723,828
Eaton Co	2302	23, 21, 19	1,298,448	4,094,880	5,835,276
Barry Eaton Dist Hlth Dept	2303	23	102,720	369,204	471,924
Dimondale,Vlg of	2304	23	10,128	11,496	21,624
Eaton Co Hlth & Rehab Svcs	2305	23	376,860	78,756	455,616
Delta Chtr Twp	2306	23	89,400	185,664	275,064
Eaton Rapids, City of	2307	23	151,980	370,908	522,888
MERS	2308	23	1,087,368	(84,528)	1,002,840
Charlotte Dist Lib	2309	23	19,860	48,720	68,580
Grand Ledge Area ESA	2310	23	59,292	6,024	65,316
Looking Glass Rgnl Fire CLD	2311		0	1,417	1,417

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Grand Ledge, City of	2312	23	20,172	91,416	111,588
Potterville, City of	2313	23	38,532	12,312	50,844
Grand Ledge Area Dist. Library	2316	23	5,112	132	5,244
Emmet CRC	2401	9	64,536	663,216	727,752
Petoskey, City of	2402	23	448,416	511,308	959,724
Pellston, Vlg of	2404	23	3,744	6,780	10,524
Harbor Springs, City of	2405	23	55,740	134,916	190,656
Harbor Springs Area Swg Auth	2406	23	16,236	10,224	26,460
Lakeview Cemetery	2407	23	6,276	324	6,600
Beecher Metro Dist Swg&Wtr	2501	19, 6	47,928	325,536	373,464
Flushing, City of	2502	23, 12	158,832	797,688	956,520
Mt. Morris Chtr Twp	2503	23	339,912	1,049,220	1,389,132
Swartz Creek, City of	2504	23, 5	40,920	264,636	305,556
Fenton, City of	2505	23, 9, 4	262,044	426,000	688,044
Otisville, Vlg of	2506	23, 9	15,684	40,224	55,908
Bishop Intl Arprt Auth	2507	23	207,636	142,824	350,460
Burton, City of	2508	23	289,368	2,094,888	2,384,256
Montrose, City of	2509	23, 4	9,660	67,872	77,532
Genesee Chtr Twp	2510	23	209,376	596,676	806,052
Grand Blanc Chtr Twp	2511	23, 5	211,200	820,716	1,031,916
Flint, Chtr Twp of	2512	23	187,080	744,984	932,064
Grand Blanc, City of	2513	23	22,320	385,944	408,264
Richfield Twp (Genesee Co)	2514	23	4,356	144,264	148,620
Flushing, Chtr Twp of	2515	23	47,436	190,092	237,528
Davison, City of	2516	23, 18	126,408	404,940	531,348
Mundy, Chtr Twp of	2517	23	100,752	111,408	212,160
Flint Pub Lib	2518	23	60,588	(16,668)	43,920
Davison Twp	2519	23	140,136	260,772	400,908
Hurley Med Ctr	2521	23, 19, 13, 11	1,415,916	11,659,776	13,075,692
Vienna, Chtr Twp of	2522	23	15,204	43,128	58,332
Clio, City of	2523	23	58,620	22,944	81,564
Davison Richfield Sr CCA	2525	23	2,988	8,268	11,256
Flint, City of	2530	28	741,372	41,259,828	42,001,200
Gladwin CRC	2601	23	109,440	498,252	607,692
Gladwin Co	2602	23	287,904	458,184	746,088
Butman Twp CLD	2604		0	0	0
Gladwin, City of	2605	23	55,308	7,728	63,036
Gladwin Co Dist Lib	2607	23	17,868	19,884	37,752
Gladwin City HC	2608	23	39,768	47,460	87,228
Wakefield, City of	2701	23	31,920	147,924	179,844
Bessemer, City of	2702	23	61,104	66,324	127,428
Gogebic-Iron WWTR Auth	2703	23	38,004	61,140	99,144
Marenisco Twp	2704	23	16,584	6,336	22,920
Ironwood, City of	2706	23	174,960	756,684	931,644
Traverse City, City of	2801	23	495,648	922,788	1,418,436
Grand Traverse CRC	2802	4	9,216	892,392	901,608
Grand Traverse Co	2803	21, 12	521,388	5,334,768	5,856,156
NW Rgnl Arprt Comm	2805	23, 17	124,080	65,748	189,828
Traverse Area Dist Lib	2807	23	154,872	213,864	368,736
Northern Lakes CMH Auth	2808	5	0	709,788	716,100
Grand Traverse Pavilions	2809	23	801,492	598,572	1,400,064
Bay Area Trans Auth	2810	23	305,988	2,448	308,436
Traverse City Light & Power	2811	23	340,224	889,944	1,230,168
Alma, City of	2901	23, 9, 4	175,596	330,564	642,180
St Louis, City of	2902	19, 5, 4	17,196	418,416	435,612
Gratiot CRC	2903	23	178,416	466,428	644,844
Ithaca, City of	2904	10, 9	15,324	241,476	256,800
Gratiot Co	2905	4	230,796	1,576,116	1,806,912
Breckenridge, Vlg of	2906	23	9,528	92,556	102,084
St Louis HC	2908	18	12,648	8,628	21,276
Perrinton, Vlg of	2909	23	4,608	(84)	4,524
Hillsdale, City of	3001	23, 21, 4	251,172	297,816	548,988
Mich S Central Power Agcy	3002	23, 20	226,620	141,876	368,496
Reading, City of	3003	23	6,240	3,492	9,732
Hillsdale CRC	3004	23	82,440	285,828	368,268
Hillsdale Co	3005	23	(51,768)	199,668	147,900
Litchfield, City of	3006	23	23,448	40,572	64,020
Hillsdale HC	3007	23	11,340	(4,764)	6,576
W UP Dist Hlth Dept	3101	23, 8	53,316	519,444	572,760
Houghton Co	3102	23	375,036	749,124	1,124,160
Houghton CRC	3103	23	65,268	99,036	164,304
Laurium, Vlg of	3104	23	45,048	74,340	119,388
Lake Linden, Vlg of	3105	23, 19	19,740	34,776	62,508
N Houghton Co Wtr&Swg Auth	3106	23	12,156	11,592	23,748
Hancock, City of	3107	23	54,156	84,552	138,708
WUPPDR	3108	23	14,052	5,004	19,056
Houghton, City of	3109	10	119,340	44,052	163,392
Harbor Beach, City of	3201	23, 18, 12	69,684	148,812	218,496
Huron CRC	3202	23	223,824	585,780	809,604
Pigeon, Vlg of	3203	23	14,652	27,588	42,240
Huron Co	3204	23	1,235,544	1,689,192	2,924,736
Sebewaing, Vlg of	3205	23	54,336	17,304	114,588
Elkton, Vlg of	3206	4	1,800	31,080	45,792

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Caseville, City of	3207	23	41,832	35,976	77,808
Port Austin, Vlg of	3208	23	5,256	9,156	14,412
Kinde, Vlg of	3209	23	1,476	6,972	8,448
Port Austin Area Swr&Wtr Auth	3210	5	0	(10,200)	0
Bad Axe, City of	3211	23	50,400	224,544	274,944
Ubly, Vlg of	3212	23	5,268	18,420	23,688
Bad Axe Area Dist Lib	3214	23	4,452	1,752	6,204
Huron Behavioral Health	3215	23	294,564	109,236	403,800
East Lansing, City of	3301	23, 10, 9, 4	1,913,652	5,799,132	7,714,752
Ingham Co	3303	23, 21, 20, 17, 4	5,054,916	10,415,448	15,528,792
Mason, City of	3304	23	106,344	437,784	560,280
Capital Region Arprt Auth	3305	23	273,876	311,064	584,940
Tri-County Aging Consortium	3307	23	341,364	52,488	393,852
Clinton-Eaton-Ingham CMH	3308	23, 4	2,910,756	3,104,700	6,015,456
Williamston, City of	3310	23, 16	56,640	120,996	177,636
Lansing HC	3311	23	65,664	126,132	191,796
Leslie, City of	3313	23	30,360	32,712	63,072
Webberville, Vlg of	3314	23	5,832	648	6,480
Meridian Chtr Twp	3315	23	662,724	1,967,244	2,629,968
Stockbridge, Vlg of	3316	23	19,764	25,116	44,880
Capital Area Dist Lib	3317	23	246,792	72,312	319,104
Vevay Twp	3318	23	4,008	18,756	22,764
Leslie Twp	3319	23	6,924	4,800	11,724
Lansing Chtr Twp	3320	23	188,928	73,428	262,356
Portland, City of	3401	23	201,444	340,524	541,968
Lake Odessa, Vlg of	3402	23	12,240	(2,748)	9,492
lonia, City of	3403	23, 4	320,688	746,784	1,067,472
lonia CRC	3404	23	101,820	687,036	788,856
Muir, Vlg of	3405	23	3,360	12,792	16,152
lonia HC	3406	23	13,944	21,708	35,652
Pewamo, Vlg of	3407	23	6,264	5,652	11,916
lonia Co	3408	23	194,232	119,928	314,160
Belding, City of	3410	23	9,552	72,156	81,708
Lyons, Vlg of	3411	23	5,808	(2,196)	3,612
lonia Cmnty Lib	3412	23	21,180	13,572	34,752
Saranac HC	3413	23	6,324	22,668	28,992
Iosco Co	3501	23, 20, 14, 13, 10, 9	391,668	721,140	1,112,808
Iosco CRC	3502	17	43,536	248,100	291,636
Oscoda Chtr Twp	3503	23, 14	52,080	116,388	168,468
Tawas Police Auth	3504	23	(15,876)	38,760	22,884
Iron River, City of	3601	23	70,560	289,356	359,916
Iron CRC	3602	23	98,700	496,464	595,164
Crystal Falls, City of	3603	16, 15	66,432	352,824	419,256
Dickinson-Iron Dist Hlth Dept	3605	23, 9, 4	86,640	372,048	458,688
Iron Co	3606	23, 21, 10, 8	721,620	874,380	1,607,544
Caspian, City of	3608	21	10,296	46,320	56,616
Mid-Peninsula Lib Coop CLD	3609		0	11,250	11,250
Twin City Pub Safety Auth CLD	3610		0	1,444	1,444
Iron Co HC	3611	23	14,820	17,436	32,256
W Iron Co Swr Auth	3612	23	16,296	36,756	53,052
Alpha, Vlg of	3614	23	1,740	(1,740)	0
Stambaugh Twp	3615	23	1,776	4,104	5,880
Bates Twp	3616	18	0	11,940	11,940
Gaastra, City of	3617	23	6,144	7,440	13,584
Crystal Falls Cmnty Hosp CLD	3618		0	185,851	185,851
Mt. Pleasant, City of	3701	23, 18	405,156	658,944	1,064,100
Isabella CRC	3702	23	87,576	283,044	370,620
Isabella Co	3703	20, 5, 4	453,708	2,390,676	2,848,344
Shepherd, Vlg of	3704	23, 18	14,892	1,524	18,828
Central Mich Dist Hlth Dept	3705	9	140,028	936,468	1,076,496
Chippewa River Dist Lib	3707	23	58,992	25,272	84,264
CMH for Central Mich	3708	23	2,055,480	810,720	2,866,200
Isabella Co Trans Comm	3709	23	19,092	29,472	48,564
Brooklyn, Vlg of	3801	23	20,640	22,812	43,452
Jackson Dist Lib	3802	23	117,120	52,596	169,716
Summit Twp	3803	23	265,836	389,844	655,680
Leoni Twp	3804	23, 14	43,824	149,628	193,452
Jackson Trans Auth	3805	23	127,896	111,648	239,544
Blackman Chtr Twp	3806	23	(41,100)	333,000	291,900
Parchment, City of	3901	23	11,076	84,036	95,112
Vicksburg, Vlg of	3902	23	79,080	55,740	134,820
Kalamazoo Pub Lib	3903	23	292,644	65,160	357,804
Vicksburg Dist Lib	3904	23	6,156	3,372	9,528
Kalamazoo, Chtr Twp of	3907	23	249,744	185,016	434,760
Kalkaska, Vlg of	4001	23	42,888	177,396	220,284
Kalkaska CRC	4002	23	67,164	371,340	438,504
Kalkaska Co	4003	23	371,460	376,260	747,720
Kalkaska Pub Trans Auth	4004	23	45,612	13,680	59,292
Clearwater Twp	4005	23	5,064	1,284	6,348
East Grand Rapids, City of	4101	9	36,948	1,231,596	1,326,168
Grandville, City of	4102	9	62,712	1,065,132	1,127,844
Rockford, City of	4103	23	152,160	176,484	328,644
Lowell, City of	4104	23	157,788	355,776	513,564

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Cedar Springs, City of	4105	23, 20	24,336	30,456	54,792
Lakeland Lib Coop	4106	23	18,876	8,124	27,000
Sparta, Vlg of	4107	23	59,640	128,592	188,232
Grand Rapids HC	4108	4	12,120	174,672	186,792
Network180	4109	18	455,484	318,168	773,652
Cascade Chtr Twp	4110	23	180,108	156,696	336,804
Kent CRC	4111	4	0	42,792	42,792
Walker, City of	4112	8	206,196	1,436,088	1,642,284
Keweenaw CRC	4201	23	81,660	226,536	308,196
Keweenaw Co	4202	23	62,304	56,388	118,692
Lake Co	4301	23	546,660	305,208	851,868
Lake CRC	4302	23	104,016	327,912	431,928
Lapeer, City of	4401	23	483,468	526,104	1,009,572
Lapeer CRC	4402	23, 4	121,764	582,084	703,848
Lapeer Co	4403	23	2,368,992	1,381,800	3,750,792
Imlay City, City of	4404	23	124,344	175,416	299,760
Dryden, Vlg of	4405	23	3,312	7,572	10,884
Columbiaville, Vlg of	4406	23	4,968	8,388	13,356
Almont, Vlg of	4407	23	33,348	54,360	87,708
Otter Lake, Vlg of	4408	23	1,896	1,548	3,444
Metamora Twp	4409	23	32,184	9,492	41,676
Lapeer Dist Lib	4410	23	46,080	131,472	177,552
Leelanau Co	4501	23	549,588	377,592	927,180
Leelanau CRC	4503	20	56,964	157,152	214,116
Benzie/Leelanau Dist Hlth Dept	4504	9	19,872	29,532	49,404
Suttons Bay Bingham Fire Auth	4506	23	38,796	25,860	64,656
Adrian, City of	4601	23, 4	573,336	1,492,380	2,065,716
Clinton, Vlg of	4602	23	56,736	4,356	61,092
Deerfield, Vlg of	4603	23	17,004	30,144	47,148
Britton, Vlg of	4604	23	1,464	(1,464)	0
Madison, Chtr Twp of	4605	23	27,180	27,810	54,996
Blissfield, Vlg of	4606	23	119,868	38,004	157,872
Addison Fire Dept	4607	23	9,756	1,440	11,196
Livingston CRC	4701	23	342,684	339,600	682,284
Howell, City of	4702	23	285,852	692,520	978,372
Livingston Co	4703	23, 9, 5	1,948,788	2,899,464	4,848,252
Brighton, City of	4704	23	279,636	509,760	789,396
Fowlerville, Vlg of	4705	23	13,200	40,464	53,664
Pinckney, Vlg of	4706	23, 4	65,148	28,932	94,080
Howell-Carnegie Dist Lib	4707	23	39,708	6,096	45,804
Green Oak Chtr Twp	4708	23	90,636	209,400	300,036
Hamburg Twp	4709	23	74,880	95,796	170,676
Fowlerville Dist Lib	4710	23	14,712	2,988	17,700
Brighton, Chtr Twp of	4711	23	26,244	6,528	32,772
Livingston Co CMH Auth	4712	23	522,900	186,108	709,008
Genoa Twp	4713	23	20,964	4,104	25,068
Howell Area Fire Auth	4714	23, 16	41,664	4,800	46,464
Brighton Area Fire Auth	4715	18	7,716	2,124	9,840
Hartland Deerfield Fire Auth	4716	20	32,184	5,112	37,296
Oceola Twp	4717	23	27,144	6,744	33,888
Luce CRC	4801	23	82,560	410,688	493,248
Newberry, Vlg of	4802	23	62,988	110,856	174,384
L.M.A.S. Dist Hlth Dept	4803	23	82,968	99,636	182,604
Luce Co	4804	23	151,752	244,728	396,480
Helen Newberry Joy Hosp	4805	4	82,524	1,413,612	1,496,136
Mackinac Co	4901	23, 8	144,420	636,048	780,468
Mackinac Straits Hosp&Hlth Ctr	4902	23, 4	980,640	529,140	1,509,780
Mackinac CRC	4903	23, 9	61,596	483,624	545,220
St Ignace, City of	4904	23	131,640	299,796	431,436
Mackinac Co HC	4905	16	0	3,324	3,324
Sault Ste. Marie HC	4906	23	25,764	13,188	38,952
Center Line, City of	5001	23	24,192	266,496	294,828
Clinton Twp	5002	23	658,752	1,848,744	2,507,496
Fraser, City of	5003	23, 4	620,772	1,625,364	2,274,204
Grosse Pointe-Clinton Ref CLD	5004		0	100,122	100,122
Romeo, Vlg of	5005	23	123,528	183,504	307,032
Romeo Dist Lib	5006	5, 4	20,640	107,004	127,644
St Clair Shores HC	5007	23	33,864	68,664	102,528
Utica, City of	5008	23	59,376	136,740	196,116
Chesterfield Twp	5009	23	662,640	628,236	1,290,876
Chesterfield Twp Lib	5010	23	30,756	(29,424)	1,332
Eastpointe HC	5011	23	22,152	14,316	36,468
Richmond, City of	5012	23	6,900	52,596	59,496
41 B Dist Ct	5014	23	119,484	130,752	250,236
New Baltimore, City of	5016	15	184,800	214,608	406,644
Eastpointe, City of	5019	24, 23	616,848	2,495,760	3,117,252
Manistee Co	5101	23, 20, 19	701,556	1,054,740	1,887,132
Manistee CRC	5103	23, 5	143,544	434,388	577,932
Dist Hlth Dept #10	5104	23, 21	365,652	733,056	1,098,708
Manistee, City of	5105	23	222,384	196,848	419,232
Manistee HC	5107	23	5,568	(1,236)	4,332
Marquette, City of	5201	23, 21, 9	690,696	2,137,680	2,828,376
Marquette Co	5202	23, 19, 8, 5, 4	827,712	6,620,088	7,447,800

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Negaunee, City of	5203	23	149,760	375,876	525,636
Ishpeming, City of	5204	23	129,000	493,092	622,092
Marquette Co Trans Auth	5206	23	65,664	12,660	78,324
Ishpeming Area Joint Wwtr Trtm	5207	23	23,436	18,732	42,168
Superiorland Lib Coop	5208	23	948	14,328	15,276
Marquette Brd of Light & Power	5209	23, 4	171,396	1,218,924	1,390,320
Marquette CRC	5211	23, 5	180,648	1,064,916	1,245,564
Forsyth Twp	5212	23, 12	86,376	210,996	302,340
Marquette Co Solid Waste Mgmt	5213	23, 21	63,408	14,232	78,840
Pathways(Spr.Bhvl.Mntl.Hlth)	5214	16, 12, 9	63,264	3,010,680	3,073,944
Marquette Chtr Twp	5215	23	86,748	51,600	138,348
Ishpeming Twp	5216	23	19,008	26,760	45,768
Negaunee Twp	5217	23	9,096	2,940	12,036
Chocology, Chtr Twp of	5218	5	31,344	(3,000)	28,344
Mason Co	5301	23, 9	889,764	1,299,552	2,189,316
Ludington, City of	5302	23	267,576	477,240	744,816
Mason Co Dist Lib	5303	23	40,668	29,328	69,996
W Mich CMH Sys	5304	9	17,268	104,664	121,932
Mason CRC	5305	23	149,892	176,340	326,232
Scottville, City of	5308	23	19,992	5,988	25,980
Mecosta CRC	5401	23	84,768	165,672	250,440
Big Rapids, City of	5402	10, 4	51,840	1,005,696	1,057,536
Mecosta Co	5403	5, 4	193,560	629,376	838,500
Mecosta Co General Hosp CLD	5404		0	333,806	333,806
Meceola Central Dispatch	5405	23	49,020	37,812	86,832
Big Rapids HC	5406	10	17,940	61,020	78,960
Menominee, City of	5501	23	161,088	125,004	286,092
Menominee Co	5502	23, 21, 20, 14, 4	371,232	693,480	1,067,796
Menominee CRC	5503	21, 14	41,304	167,880	209,184
Stephenson, City of	5504	23	17,964	18,732	36,696
Midland, City of	5601	23, 12	1,048,776	6,541,752	7,590,528
Midland CRC	5602	23, 19, 14	103,032	443,700	546,732
Coleman, City of	5603	23	20,268	61,620	81,888
Midland Co Central Disp Auth	5604	23, 10	70,140	65,820	135,960
Missaukee Co	5702	23	150,828	110,556	261,384
Milan, City of	5801	23, 10, 9	52,944	726,840	779,784
Luna Pier, City of	5802	23, 19	13,656	179,232	192,888
Dundee, Vlg of	5803	23	10,248	100,680	110,928
Ash Twp	5804	23	22,152	26,436	48,588
Carleton, Vlg of	5805	23	12,924	21,936	34,860
Milan Lib	5806	23	9,048	10,548	19,596
Petersburg, City of	5807	23	15,300	2,100	17,400
Monroe HC	5808	23	61,044	70,800	131,844
Rockwood, City of	5810	23	58,800	13,536	72,336
Erie, Twp of	5812	23	5,676	(1,896)	3,780
Mid-Mich Dist Hlth Dept	5901	23	224,676	148,752	373,428
Howard City, Vlg of	5902	8	7,524	22,500	34,716
Stanton, City of CLD	5903		0	0	0
White Pine District Library	5904	23	1,104	8,136	9,240
Montcalm CRC	5905	23	165,096	580,416	745,512
Greenville, City of	5906	23	(38,772)	106,608	67,836
Montmorency Co	6001	23, 12	188,232	327,864	516,096
MOA Solid Waste Mgmt Auth	6002	23	19,668	1,932	21,600
Muskegon CRC	6101	23, 21, 18	325,164	498,396	829,164
Muskegon Heights, City of	6102	23, 8	255,588	824,652	1,080,240
Muskegon Co	6103	20, 18, 14, 12, 10	1,942,656	7,261,440	9,214,716
N Muskegon, City of	6104	20, 19	50,016	131,328	181,344
Whitehall, City of	6105	23	102,384	101,880	204,264
Norton Shores, City of	6106	23	658,428	1,622,076	2,280,504
Roosevelt Park, City of	6107	23, 19	64,152	189,912	254,064
Muskegon Chtr Twp	6108	19, 18, 17	151,380	506,820	658,200
Ctrl Dispatch of Muskegon Co	6109	23	95,916	65,148	161,064
W Mich Shoreline Rgnl Dev Comr	6110	23	81,048	(14,676)	66,372
Ravenna, Vlg of	6111	21	3,852	2,304	6,156
Montague, City of	6112	23	76,032	116,568	192,600
Muskegon HC	6113	23	23,640	17,232	40,872
Hackley Pub Lib	6114	23	18,120	4,656	22,776
Muskegon Heights HC	6115	23	35,340	39,108	74,448
Muskegon, City of	6116	14, 9	739,908	2,588,556	3,328,464
Muskegon Area Dist Lib	6117	23	93,600	32,856	126,456
Newaygo Co	6201	10, 8, 5, 4	132,012	1,119,072	1,251,084
Fremont, City of	6203	23	173,664	397,596	571,260
Newaygo MCF	6204	21, 20	187,788	30,324	227,448
Newaygo Soil & Wtr Cnstrn Dist	6205	23	5,904	36	5,940
White Cloud, City of	6206	23	26,808	25,968	52,776
Newaygo CMH	6207	5	6,672	(88,908)	0
White Cloud Cmnty Lib	6208	23	10,692	4,464	15,156
Fremont Area Dist Lib	6209	23	30,420	21,012	51,432
PRIDE Youth Programs CLD	6210		0	26,997	26,997
White Cloud/Sherman Util	6211	23	10,848	6,996	17,844
Newaygo CRC	6212	23, 13	167,064	158,292	325,356
Hesperia, Vlg of	6214	21	0	(4,284)	0
Pleasant Ridge, City of	6301	23, 19, 4	69,132	243,828	312,960

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Bloomfield Hills, City of	6302	20, 8, 5	252,972	282,708	535,680
Huntington Woods, City of	6303	23, 9, 4	135,564	1,178,208	1,313,772
Berkley, City of	6304	23	188,424	546,180	734,604
Clawson, City of	6305	12, 9	85,956	1,625,904	1,711,860
Royal Oak, Chtr Twp of	6306	23, 12, 8, 6	12,684	(189,612)	0
Rochester, City of	6307	19	220,620	561,096	781,716
Madison Heights, City of	6308	17, 16, 13	238,920	1,310,196	1,549,116
SE Oakland Co Wtr Auth	6309	23	76,032	140,868	216,900
SE Oakland Co Rsrc Rec Auth	6310	23	71,544	132,240	203,784
Lathrup Vlg, City of	6311	19	44,520	99,312	143,832
Orchard Lake, City of	6312	23, 17, 4	26,520	387,900	414,420
Milford, Vlg of	6313	23, 18, 4	142,440	394,824	537,264
Sylvan Lake, City of	6314	23, 19	20,280	73,908	94,188
South Lyon, City of	6315	23	277,596	315,216	592,812
Wixom, City of	6316	20, 19, 9, 4	247,236	1,251,804	1,499,040
Holly, Vlg of	6317	23	169,512	449,352	618,864
Lake Orion, Vlg of	6318	14, 9	13,584	234,900	248,484
Farmington Cmnty Lib	6319	4	21,708	(98,712)	0
Novi, City of	6320	23, 18, 17, 15, 13, 12	859,344	2,856,084	3,732,312
Beverly Hills, Vlg of	6321	21, 19	313,848	242,640	556,488
Keego Harbor, City of	6322	23	18,216	139,824	158,040
Franklin, Vlg of	6323	23	48,096	223,092	271,188
Walled Lake, City of	6324	23	78,864	995,532	1,074,396
White Lake Chtr Twp	6325	23	357,732	504,552	862,284
Oxford, Vlg of	6326	23	66,192	81,636	147,828
Oxford Fire Department	6327	23	76,116	137,604	213,720
Independence Twp	6328	23	47,256	254,388	301,644
Wolverine Lake, Vlg of	6329	23, 13	(5,352)	101,100	95,748
Bingham Farms, Vlg of	6332	23	11,712	3,144	14,856
Brandon Chtr Twp of	6333	23	103,824	89,760	193,584
Groveland Twp	6335	23	36,192	(11,580)	24,612
Hazel Park, City of	6336	23	398,040	2,166,876	2,579,328
Farmington, City of	6343	20, 14, 12	376,668	356,592	741,504
Ferndale HC	6345	23	9,744	22,140	31,884
Pentwater, Vlg of	6401	23	38,148	32,316	70,464
Oceana Co	6402	18, 17, 16	481,920	763,656	1,245,576
Mason-Oceana Cty Enh 911 Cen	6403	23, 8	54,660	23,784	78,444
Dist Hlth Dept # 2	6501	4	38,928	474,552	513,480
Ogemaw Co	6502	23, 12, 10	217,320	757,380	974,700
Ogemaw CRC	6503	23	92,472	287,208	379,680
Rose City, City of	6504	23	12,000	10,668	22,668
West Branch, City of	6505	23	35,424	119,568	154,992
Rose Twp	6506	23	5,388	(5,388)	0
Trio Council on Aging Inc CLD	6507		0	1,566	1,566
Ogemaw Co EMS Auth	6508	23	120,864	30,240	151,104
West Branch Dist Lib	6509	23	7,236	4,656	11,892
Ontonagon Co	6602	23	151,320	207,444	358,764
Ontonagon, Vlg of	6603	23	39,972	398,424	438,396
Ontonagon CRC	6604	23	298,956	925,056	1,224,012
Ontonagon Co Economic Dev Co	6605	9	0	6,312	6,312
Osceola Co	6701	23	406,980	212,076	619,056
Reed City, City of	6702	23	117,252	162,816	280,068
Osceola CRC	6703	23	74,292	230,820	305,112
Marion, Vlg of	6704	23, 17	5,604	10,884	18,312
Evert, City of	6705	23	53,016	32,244	85,260
Evert Local Dev Finance Auth	6706	23	3,792	17,532	21,324
Oscoda Co	6801	23	207,972	264,660	472,632
Oscoda Wurtsmith Arpt Auth I	6802	23	11,688	5,736	17,424
Otsego CRC	6901	23	112,452	325,008	437,460
Otsego Co	6902	23	387,996	546,996	934,992
Gaylord, City of	6903	23	159,888	369,960	529,848
Corwith Twp	6904	23	252	264	516
Holland, City of	7001	23, 12, 10, 5	909,084	1,752,732	2,661,816
Ottawa CRC	7002	23	412,008	1,568,832	1,980,840
Ottawa Co	7003	23, 20, 19, 18	3,383,916	3,588,780	6,972,696
Hudsonville, City of	7004	14, 9, 4	6,060	145,224	151,284
Coopersville, City of	7005	23	50,772	47,208	97,980
Holland Cmnty Hosp CLD	7006		0	41,206	41,206
Lakeshore Coordinating Council	7007		0	40,149	40,149
Ottawa Co Central Disp Auth	7008	8, 4	18,240	86,316	107,052
Olive Twp	7009	23	2,076	8,436	10,512
Grand Haven, City of	7010	23, 6, 5	780,540	1,688,880	2,469,420
Coopersville Area Dist Lib	7011	23, 20	1,500	16,488	19,836
Herrick Dist Lib	7012	23	137,220	105,492	242,712
Loutit Dist Lib	7013	23	63,264	28,128	91,392
Holland Area Cmnty Pool Auth	7014	21, 20	35,484	(5,592)	29,892
Spring Lake, Vlg of	7015	23, 20	13,260	45,648	58,908
Spring Lake Dist Lib	7016	23	49,308	2,616	51,924
Port Sheldon Twp	7018	23	20,880	(6,504)	14,376
Presque Isle CRC	7101	23	71,700	307,308	379,008
Rogers City, City of	7102	23	46,056	359,616	405,672
Dist Hlth Dept # 4	7103	23	77,208	466,584	543,792
Presque Isle Co	7104	23, 8	189,900	293,340	483,240

MERS 12/31/2015 Valuation – Results By Municipality

<u>Municipality Name</u>	<u>Number</u>	<u>Amortization Period(s) for Positive UAL ¹</u>	<u>Normal Cost</u>	<u>Amortization Payment ²</u>	<u>Total Employer Contribution</u>
Onaway, City of	7105	23	13,548	5,004	18,552
Ferrysburg, City of	7106	20	20,208	40,656	60,864
Roscommon Co	7201	23, 16	366,984	507,372	874,356
Richfield Twp (Roscommon Co)	7202	23	44,520	78,456	122,976
Houghton Lake Pub Lib	7203	23	30,072	(1,332)	28,740
Roscommon Co Trans Auth	7205	23	94,020	41,020	135,048
Saginaw, City of	7301	23, 9	730,692	12,713,940	13,448,892
Saginaw Co	7303	9, 5, 4	206,412	4,334,616	4,541,028
Saginaw CRC	7304	23, 20	231,480	600,900	833,028
Saginaw-Midland Muni Wtr Corp	7305	18, 4	33,264	239,484	272,748
Frankenmuth, City of	7306	23	99,012	249,696	348,708
Bridgeport Chtr Twp	7307	23	153,816	236,976	390,792
St Charles, Vlg of	7308	23	45,828	120,060	165,888
Swan Creek Twp	7309	23	8,628	8,668	17,496
Richland Twp	7310	23	43,776	130,020	173,796
Hlth Source of Saginaw	7311	17, 16, 14, 12, 4	415,680	1,046,484	1,464,780
Buena Vista Chtr Twp	7312	23, 4	189,636	248,040	437,676
Chesaning, Vlg of	7313	23, 5	9,108	264,540	273,648
Saginaw Chtr Twp	7314	23	(72,840)	433,488	360,648
Birch Run, Vlg of	7315	23	18,948	9,852	28,800
Saginaw Co 911 Com Ctr	7316	5	79,716	822,960	902,676
Saginaw, Pub Lib of	7317	23	38,868	(38,868)	0
Saginaw Co CMH	7318	23, 21, 9, 5	75,888	397,308	473,196
Saginaw Trans Sys Auth	7319	23	104,292	(2,148)	102,144
Carrollton Twp	7320	23	79,788	66,924	146,712
Saginaw HC	7321	23	26,760	136,656	163,416
Tittabawassee, Twp of	7322	23	60,576	7,884	68,460
Frankenmuth Wickson Dist Lib	7323	20	7,572	5,856	13,428
Croswell, City of	7401	23	126,108	295,164	421,272
Sandusky, City of	7402	23	57,648	121,596	179,244
Port Sanilac, Vlg of	7403	23	15,396	32,952	48,348
Sandusky Dist Lib	7404	23	2,892	1,320	4,212
Marlette, City of	7405	23	38,652	45,876	84,528
Aitkin Memorial Dist Lib	7407	20	0	(8,604)	0
Sanilac CRC	7410	23	120,432	75,384	195,816
Schoolcraft CRC	7501	23	118,668	547,992	666,660
Schoolcraft Co	7503	23, 12	455,976	772,152	1,239,744
Manistique, City of	7504	23, 20	225,960	512,448	739,692
Schoolcraft Memorial Hosp	7505	6, 5, 4	86,472	950,700	1,037,172
Shiawassee CRC	7601	23	90,396	491,616	582,120
Shiawassee Co	7602	23, 4	1,272,432	3,151,308	4,441,032
Durand, City of	7603	23	63,696	128,112	191,808
Corunna City of	7604	23, 8	61,224	186,324	247,548
Shiawassee Council on Aging	7605	23	5,208	19,416	24,624
Shiawassee Dist Lib	7606	23	14,616	2,376	16,992
Owosso, City of	7607	23, 5	10,236	127,224	137,460
Laingsburg, City of	7608	23	11,460	(144)	11,316
Shiawassee Co CMH	7609	23	517,692	182,808	700,500
Bancroft, Vlg of	7610	23	2,436	5,328	7,764
SW Shiawassee ESA	7611	23	53,508	3,432	56,940
East China Chtr Twp	7701	23	84,696	207,636	292,332
Port Huron, City of	7702	23, 20, 12	945,432	4,575,696	5,521,128
St Clair, City of	7703	23, 9, 4	134,856	651,696	805,980
Marine City, City of CLD	7704		0	0	0
Capac, Vlg of	7705	23, 21	27,588	133,620	161,208
Clay Twp	7706	23	127,296	227,184	354,480
Algonac, City of	7707	23	46,692	89,712	136,404
Lexington, Vlg of	7708	23, 9	24,780	60,000	88,320
Blue Water Area Trans Comm	7709	23	311,484	214,248	525,732
Port Huron Chtr Twp	7711	23	68,868	76,104	144,972
Port Huron HC	7712	23	119,592	229,692	349,284
St Clair HC	7715	23	17,016	23,892	40,908
Three Rivers, City of	7801	23	219,408	356,136	575,544
St Joseph County	7803	23	551,652	193,176	744,828
White Pigeon, Vlg of	7804	23	5,064	720	5,784
Sturgis HC	7805	23	11,112	(132)	10,980
Constantine, Vlg of	7806	23	7,344	(768)	6,576
Tuscola Co Hlth Dpt	7901	23	106,440	163,368	269,808
Tuscola Co	7902	21, 12, 4	362,844	558,036	920,880
Vassar, City of	7903	19	27,828	192,732	220,560
Millington, Vlg of	7904	23	8,064	(4,284)	3,780
Indianfields Twp CLD	7905		0	1,525	1,525
Tuscola Co MCF	7906	23	248,184	88,968	337,152
Tuscola Co CMH	7907	23	275,172	85,956	361,128
Tuscola CRC	7908	23, 21	45,840	162,132	207,972
South Haven, City of	8001	23, 19, 4	376,416	330,204	727,692
Paw Paw, Vlg of	8002	23	150,348	170,496	320,844
Bangor, City of	8003	23	15,120	(15,120)	0
Lawrence, Vlg of	8004	9, 5	0	2,016	4,716
South Haven Area ESA	8005	23, 10	56,256	213,408	269,664
Van Buren Co	8006	23	552,156	816,696	1,368,852
Van Buren Dist Lib	8007	23	36,204	22,512	58,716
Covert Twp	8010	23	40,152	29,208	69,360

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Ypsilanti, City of	8101	23, 16	203,520	(549,444)	69,864
Washtenaw CRC	8102	23	350,544	1,984,740	2,335,284
Chelsea, City of	8103	4	26,304	847,788	874,092
Ypsilanti, Twp of	8104	23	218,568	420,804	639,372
Saline, City of	8105	23, 14	308,976	788,508	1,097,484
Ypsilanti Cmnty Util Auth	8106	23	496,164	1,497,828	1,993,992
Barton Hills, Vlg of	8107	18	5,172	14,088	19,260
Superior Chtr Twp	8109	23	113,652	142,092	255,744
Pittsfield Chtr Twp	8110	23, 16	665,808	687,360	1,353,168
Dexter Twp	8111	23	4,776	10,776	15,552
Lima Twp	8112	23	9,384	(9,096)	288
Washtenaw Co	8113	23, 14	2,059,500	1,717,776	3,784,644
Ypsilanti HC	8115	23	6,972	3,996	10,968
Scio Twp	8116	23	69,756	40,272	110,028
Northfield Twp	8117	23	48,672	15,372	64,044
Chelsea Area Fire Auth	8118	23	54,588	5,676	60,264
Grosse Pointe Park, City of	8201	23	342,096	1,327,752	1,669,848
Plymouth, City of	8202	10, 4	4,224	1,543,956	1,594,596
Trenton, City of	8203	9	83,748	2,588,268	2,672,016
Hamtramck, City of	8205	23, 16, 9	85,224	4,378,344	4,474,296
Ecorse, City of	8206	23, 19, 8, 6, 4	134,292	4,149,276	4,294,188
Grosse Ile Twp	8207	23	430,800	830,160	1,260,960
Northville, City of	8208	13, 12, 10, 9	86,772	965,340	1,052,112
Redford, Chtr Twp of	8209	23	517,116	1,420,260	1,937,376
SEMCOG	8210	23	464,244	246,768	711,012
Westland, City of	8211	23, 21, 20	1,016,004	6,342,072	7,388,484
Flat Rock, City of	8212	23	175,992	915,108	1,091,100
Belleville, City of	8213	23	81,000	264,180	345,180
Ctrl Wayne Co Sanitation Auth	8214	4	0	176,328	176,328
Melvindale, City of	8215	23, 13, 12	151,092	2,014,212	2,165,304
SMART	8216	23	2,588,316	5,250,204	7,838,520
Dexter, City of	8217	17	24,960	92,244	117,204
The Lib Network	8218	23, 6	74,388	170,412	244,800
Dexter Area Fire Dept	8219	23	38,484	40,020	78,504
Melvindale HC	8220	23	12,732	19,200	31,932
Plymouth Dist Lib	8221	23	103,248	54,456	157,704
23rd Jud Dist Ct	8223	23	23,208	55,752	78,960
Huron Chtr Twp	8224	23	43,356	449,316	492,672
Romulus, City of	8225	23, 19, 18	312,720	2,292,828	2,610,888
Sumpter Twp	8226	23, 8	101,268	178,236	279,504
Redford Twp Dist Lib	8228	23	70,800	45,720	116,520
Northville Dist Lib	8229	23	117,672	50,892	168,564
Northville Chtr Twp	8230	23	1,023,984	892,176	1,916,160
Taylor HC	8231	20	16,164	2,844	19,008
Canton Pub Lib	8232	23	46,584	(5,736)	40,848
Canton, Chtr Twp of	8233	23, 20, 19	1,911,972	2,741,976	4,653,948
35th Dist Ct	8234	23	(17,580)	125,640	108,060
34th Dist Ct	8235	23	181,476	249,048	430,524
Van Buren Twp	8236	23	154,392	289,728	444,120
Mich Muni Risk Mgmt Auth	8237	23	31,800	(6,072)	25,728
Plymouth, Chtr Twp of	8238	20, 13, 11	265,800	708,252	982,584
Detroit HC	8241	23, 18	472,080	21,552	571,332
Wayne, City of	8242	23, 9	701,700	4,107,492	4,814,340
21st Dist Ct	8243	23	35,028	61,476	96,504
Lincoln Park, City of	8244	23, 17	129,216	3,602,712	3,731,928
Brownstown, Chtr Twp of	8247	23	456,312	492,840	949,152
Hamtramck HC	8250	23	117,264	59,640	176,904
Dearborn, City of	8251	23	1,164,276	(51,684)	1,112,592
Wayne HC	8252	23	17,640	12,768	30,408
Garden City, City of	8255	23, 13	559,572	1,909,512	2,469,084
Southgate, City of	8262	23	67,428	643,728	711,156
Cadillac, City of	8301	23	267,432	192,516	459,948
Wexford Co	8302	23	365,508	661,248	1,026,756
Wexford CRC	8303	23	116,004	330,084	446,088
Manton, City of	8304	23	11,688	82,476	94,164
Cadillac/Wexford Trans Auth	8305	23	67,140	42,504	109,644
Mid-Mich Lib League	8306	23	15,348	4,908	20,256
Pokagon Band of Potawatomi	8401	23	1,411,680	0	1,411,680
Lac Vieux Desert Band	8402	23	18,360	3,888	22,248
Nottawaseppi Huron Band	8403	23	52,584	228	52,812
Totals - Active Groups	717		134,941,728	395,324,280	532,800,972
Totals - Closed Groups	15		0	745,333	745,333
Totals - MERS	732		134,941,728	396,069,613	533,546,305

¹ The amortization period for negative UAL is 10 years.

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 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.