

## **Municipal Employees' Retirement System of Michigan**

The Report of the Sixty-First Annual Actuarial Valuation as of December 31, 2006 and 50-Year Actuarial Projection Covering Participating Municipalities in the Municipal Employees' Retirement System of Michigan

Submitted to

The Retirement Board Municipal Employees' Retirement System of Michigan

August 10, 2007

Gabriel Roeder Smith & Company



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August 10, 2007

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

Ladies and Gentlemen:

This report presents the results of the 61<sup>st</sup>Annual Actuarial Valuation, prepared as of December 31, 2006, for 668 participating municipalities in the Municipal Employees' Retirement System. This total includes 18 municipalities that have ceased active membership in MERS, but for whom MERS retains assets and liabilities for future benefit payments. This report does not include the 18 participating MERS municipalities that have adopted MERS defined contribution benefits only.

Also presented in this report are the results of the 50-year projections of MERS' assets, liabilities and cash flow.

MERS is an agent multiple-employer public employee pension plan and is a tax-qualified plan under section 401(a) of the Internal Revenue Code (most recent letter of Favorable Determination issued June 15, 2005). MERS is an independent non-profit corporation established by the Legislature pursuant to Public Act 220 of 1996, and is an instrumentality of the participating municipalities and courts. Each municipality or court is responsible for the employer contributions needed to provide MERS benefits for its employees and former employees under the Michigan Constitution and the MERS Plan Document.

Our actuarial valuation was based on the following:

- 1. The benefit provisions of MERS, as described in Section VII.
- 2. Demographic data on the participants covered, as described in Section II.
- 3. Financial information regarding plan assets, as shown in Section III.
- 4. The actuarial assumptions and funding methods adopted by the Retirement Board. See Section VIII for details.

The valuation utilized information furnished by the MERS administrative staff concerning Retirement System benefits, financial transactions, individual members, vested former members, retirants and beneficiaries. Data was checked for year-to-year consistency, but was not otherwise audited by us.

To the best of our knowledge, this report is complete and accurate and was made in accordance with generally recognized actuarial methods in compliance with Act No. 220 of the Public Acts of 1996, as amended, and the MERS Plan Document as revised. The actuarial assumptions used for this valuation produce results that we believe are reasonable. The Retirement Board of the Municipal Employees' Retirement System of Michigan confirms that the System provides for payment of the required employer contribution as described in Section 20m of Act No. 314 of 1965 (MCL 38.1140m).

Respectfully submitted,

Al E. Sonnanstrum

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AES/CN/WJK:lr

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### I. RESULTS OF THE ACTUARIAL VALUATION

Our actuarial valuation of the liabilities and contribution rates for each of the 668 defined benefit plan participating municipalities in the Municipal Employees' Retirement System as of December 31, 2006 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 (see Section VII).
- 2. The characteristics of active and inactive MERS members as of December 31, 2006 (see Section II).
- 3. The assets attributable to MERS members of each participating municipality. The total assets (at actuarial value) for all 668 municipalities included in the December 31, 2006 valuation was \$5.49 billion (see Section III).
- 4. The actuarial assumptions and funding method, which include an investment yield rate of 8% and the entry age normal actuarial cost method (see Section VIII).

The employer contribution rate has been determined for each municipality based on the entry age normal funding method. Under the entry age normal cost funding method, the total employer contribution is comprised of the normal cost plus the level annual percentage of payroll payment required to amortize the unfunded actuarial accrued liability over a period of 29 years. The 29-year period will decline by one year in each of the next four annual valuations. For closed divisions (no new hires expected) of active municipalities, the amortization period for positive unfunded liabilities is decreased annually by 2 years until the period reaches 5 years. Closed municipalities (no longer actively participating in MERS) are covered by special funding requirements. Negative unfunded accrued liabilities are amortized over 10 years. The total normal cost is, for each active member, the level percentage of payroll contribution (from entry age to retirement) required to accumulate sufficient assets at the member's retirement to pay for his or her projected benefit. The employer normal cost is the total normal cost reduced by the member contribution rate.

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 2008, and is then amortized as noted above.

Each of these components of the employer contribution rate (i.e., normal cost and amortization payment) are shown separately for each municipality in the Appendix, together with the estimated dollar contribution for the fiscal year beginning in 2008 (based on valuation 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).

Within each municipality an individual employer contribution rate is determined for each valuation group (division). The funded status of each municipality is shown in the Appendix. Chart 6 on page 22 shows a distribution of the employer contribution rate for open valuation divisions included in the December 31, 2006 valuation.

There is no single all-encompassing test for measuring a Retirement System's funding progress and current funded status. However, some common indicators of the progress that a Retirement System has achieved in funding their obligations include observing the changes over time in the following items:

- 1. The ratio of valuation assets to actuarial accrued liabilities.
- 2. The pattern of the unfunded actuarial accrued liability as a percentage of active payroll.
- 3. The ratio of valuation assets to the termination liability (computed as if all active employees terminated employment on the valuation date).
- 4. The ratio of valuation assets to the actuarial present value of accrued benefits.

The tables and charts that are included in this report provide illustrations of the above funding measures on a current basis and on a historical basis.

#### Comments

Based on the funding schedules in place in the 2005 valuation, the MERS overall funded percentage was projected to increase from 76.0% in 2005 to 76.1% in 2006. Instead, based on actual events the funded percentage increased to 76.4% in 2006. Of the 0.3% increase (from the projected 76.1% to the actual 76.4%), 0.1% was attributable to investment experience (based on the smoothed actuarial value of assets), (0.1)% was attributable to benefit provision changes and new municipalities, and 0.3% was due to experience in other risk areas, (i.e., there was a gain from other risk areas).

All of the effects of the unfavorable investment markets of 2000-2002 were offset by MERS' very favorable investment returns in 2003, 2004, and 2006. The market value of assets is 1.4% higher than actuarial value, as of December 31, 2006. This will lead to a small (around 1%) increase in the funded percentage, if future market investment returns meet the 8% actuarial assumption.

The declines in the funded percentage since 1999 have resulted in increases in required employer contributions. These increases help ensure that MERS improves its currently solid financial condition.

#### SUMMARY OF THE VALUATION RESULTS

	December 31, 2006	December 31, 2005	December 31, 2004
Number of Participating Municipalities Number of Valuation Divisions	668	644	615
Open to new hires	1,544	1,545	1,528
Closed to new hires	408	354	314
Closed municipalities	22	20	20
Total	1,974	1,919	1,862
Total Payroll (millions)	\$1,546	\$1,462	\$1,437
Assets at Market Value (millions)	\$5,571	\$4,894	\$4,618
Assets at Actuarial Value (millions)	5,494	5,026	4,731
Actuarial Rate of Return	8.14%	6.51%	6.82%
Actuarial Accrued Liability (millions – Entry Age Normal) Percent of AAL Funded	\$7,188	\$6,609	\$6,165
(based on actuarial value of assets)	76.4%@	76.0%^	76.7%*
Present Value of Accrued Benefits (millions) Percent of PVAB Funded	\$5,900	\$5,371	\$4,940
(based on actuarial value of assets)	93.1%	93.6%	95.8%
Termination Liability (millions) Percent of Liability Funded	\$6,244	\$5,606	\$5,156
(based on actuarial value of assets)	88.0%	89.7%	91.8%
Employer Normal Cost (millions) Amortization Payment (millions)# Total Regular Annual Contribution (millions)	\$ 119 <u>96</u> \$ 215	\$ 113 <u>87</u> \$ 200	\$ 112 <u>78</u> \$ 190

# The amortization payment excludes 18 closed municipalities in 2006 and 16 closed municipalities in 2005 and 2004.

<sup>(a)</sup> The December 31, 2006 funded percentage would have been 76.5% if not for benefit provision changes and new municipalities first reflected in the 2006 valuation.

<sup>^</sup> The December 31, 2005 funded percentage would have been 76.3% if not for benefit provision changes and new municipalities first reflected in the 2005 valuation.

\* The December 31, 2004 funded percentage would have been 77.3% if not for assumption changes, benefit provision changes and new municipalities first reflected in the 2004 valuation. Assumption changes reduced the funded percentage by .2%. Benefit provision changes and new municipalities reduced the funded percentage by .4%.

## **II. MEMBERSHIP CHARACTERISTICS**

#### **Active Members**

The total number of defined benefit plan active members increased from 36,467 on December 31, 2005 to 36,846 on December 31, 2006.

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

Item	December 31, 2006	December 31, 2005	December 31, 2004
Number of defined benefit plan active members	36,846	36,467	36,766
Average age	45.1	44.9	44.6
Average benefits service	11.2	11.1	10.8
Average vesting service	11.5	11.4	11.1
Average compensation	\$ 41,955	\$ 40,102	\$ 39,091
Aggregate compensation (millions)	\$1,545.9	\$1,462.4	\$1,437.2

#### **Vested Former Members**

A vested former member is a person who terminated employment after 10 or more years of service (6 or 8 years with Benefit V-6 or V-8), with rights to a deferred benefit commencing at age 60 (or earlier if "F" benefits have been adopted).

There were 6,235 former employees with deferred vested rights as of December 31, 2006. This compares to 6,126 such members as of the prior valuation.

Item	December 31, 2006	December 31, 2005	December 31, 2004
Number of vested former members	6,235	6,126	5,804
Average age	48.9	48.8	48.5
Average annual deferred benefit	\$7,395	\$7,165	\$6,990

#### **Retirees and Beneficiaries**

Item	December 31, 2006	December 31, 2005	December 31, 2004
Number of pensioners	21,464	20,155	19,271
Average age	69.1	69.2	68.4
Average annual benefit	\$15,026	\$14,292	\$13,607

There were 21,464 retirees and beneficiaries receiving payments as of December 31, 2006. The table below presents age and benefit information as of the current valuation and for the past two years.

#### **Defined Contribution Plan Participants and Total MERS Participants**

Although defined contribution plan participants are not included in the annual actuarial valuation of the MERS defined benefit plan, the trend in defined contribution participation is of interest. As of December 31, 2006, 18 participating municipalities have adopted defined contribution benefits only. Numerous municipality defined benefit divisions have established defined contribution plan benefits for future new employees. Existing defined benefit plan active members of many of those divisions were offered the choice of plans. The table below shows recent trends in defined contribution plan participation and overall MERS participants.

Item	December 31, 2006	December 31, 2005	December 31, 2004
Number of participants			
Total	71,572	68,915	67,140
Defined benefit plan % of total	64,545 90.2%	62,748 91.1%	61,841 92.1%
Defined contribution plan	7,027	6,167	5,299
% of total	9.8%	8.9%	7.9%

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 participating municipalities.

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

Table 4 presents a historical development of retirees and beneficiaries added or removed from the rolls.

Chart 1 presents a comparison of the growth in participating employers to the growth in plan participants (active members, vested former members and retirees).

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

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 below 2. The benefit payout as a percentage of active member payroll has increased to over 20%.

Table 5 shows the distribution of active members by age and service and includes information on average compensation.

Table 6 shows the retirees and beneficiaries by attained age, while Tables 7 and 8 present distributions of retirees and beneficiaries on the rolls by the types of benefit being paid and option selected.

Finally, Table 9 shows the distribution of benefit provisions in effect for the 2006 and past two valuations.

## PARTICIPATING MUNICIPALITIES AND COVERED PERSONS HISTORICAL COMPARISON

Valuation	No. of		Active Mer	nbers		Persons on	Annual
Date	Participating		Annual	Average	Percent	Deferred	Deferred
Dec. 31,	Municipalities	Number	Payroll	Pay	Increase	Status	Benefits
1972	276	19,652	\$ 156,544,021	\$ 7,966	6.9%	248	
1973	286	20,587	173,585,082	8,432	5.8	300	
1974	291	21,853	196,874,730	9,009	6.8	273	
1975	299	27,358	243,726,619	8,909	(1.1)	311	
1976	312	26,951	263,792,787	9,788	9.9	306	
1977	320	28,772	292,097,384	10,152	3.7	321	
1978	324	28,066	314,343,079	11,200	10.3	366	
1979	332	29,148	352,208,832	12,083	7.9	363	
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	20,000	4.3	839	
1989	370	31,313	674,297,441	20,920	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	
1991	401	55,110	782,914,985	23,040	5.1	1,005	
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
2002	594	37,159	1,381,197,725	37,170	3.7	5,575	37,240,512
2003	615	36,766	1,437,211,517	39,091	5.2	5,804	40,567,372
2004 2005	644	36,467	1,462,411,810	40,102	2.6	6,126	40,307,372
2003	668	36,846	1,545,886,480	40,102	2.0 4.6	6,235	46,110,745
2000	000	50,040	1,545,000,400	41,733	4.0	0,235	40,110,745
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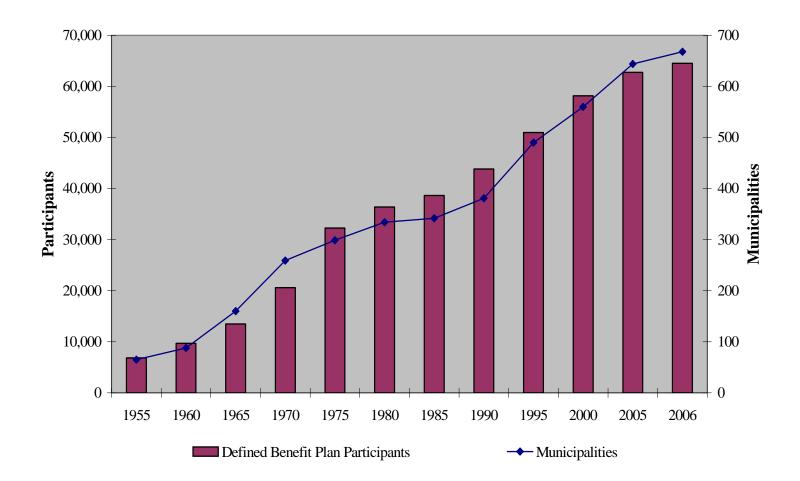
## BENEFITS BEING PAID TO RETIREES AND BENEFICIARIES HISTORICAL COMPARISON

	Number of	Percent Increase in	Annual	Percent Increase in
Valuation Date	<b>Retirees and</b>	<b>Retirees and</b>	Retirement	Retirement
December 31,	Beneficiaries	Beneficiaries	Allowances	Allowances
1972	3,658	9.0%	\$ 5,003,270	16.9%
1973	4,040	10.4	5,913,130	18.2
1974	4,338	7.4	6,706,607	13.4
1975	4,615	6.4	7,538,299	12.4
1976	4,963	7.5	8,753,807	16.1
	,		, ,	
1977	5,316	7.1	10,753,677	22.8
1978	5,648	6.2	12,012,571	11.7
1979	6,010	6.4	13,450,368	12.0
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	17 520	2.5	010 000 000	10.0
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

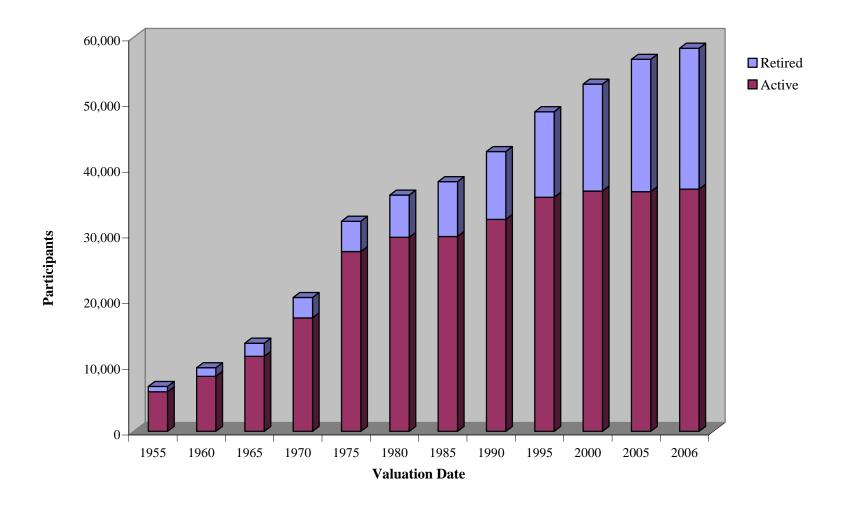
## RETIREES AND BENEFICIARIES ADDED AND REMOVED HISTORICAL COMPARISON

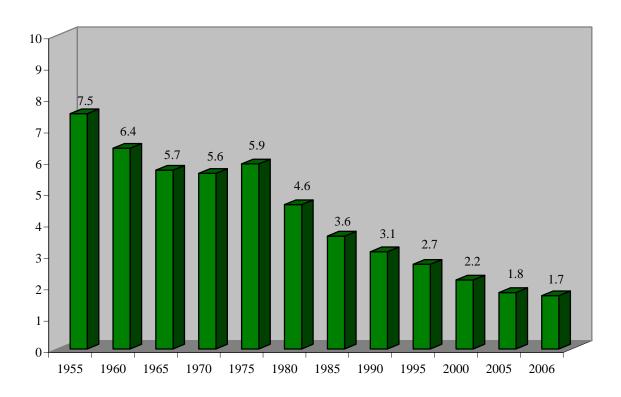
	A	Added	Re	emoved	End of Year		
Year Ended		Annual		Annual		Annual	
December 31,	No.	Allowances	No.	Allowances	No.	Allowances	
1972	485	\$ 951,337	184	\$ 227,429	3,658	\$ 5,003,270	
1973	570	1,154,089	188	244,229	4,040	5,913,130	
1974	479	1,024,206	181	230,729	4,338	6,706,607	
1975	506	1,144,419	229	312,727	4,615	7,538,299	
1976	573	1,527,655	225	312,147	4,963	8,753,807	
1770	575	1,527,055	223	512,117	1,905	0,755,007	
1977	562	2,328,316	209	328,446	5,316	10,753,677	
1978	545	1,691,557	213	432,663	5,648	12,012,571	
1979	642	1,985,592	280	547,795	6,010	13,450,368	
1980	666	2,377,702	253	593,567	6,423	15,234,503	
1980	753	2,835,979	315	623,704	6,861	17,446,778	
1701	155	2,035,777	515	025,704	0,001	17,440,770	
1982	630	2,852,317	316	680,904	7,175	19,618,191	
1983	665	2,802,889	286	746,871	7,554	21,674,209	
1985	665	3,468,634	317	773,722	7,902	24,369,121	
1985	781	4,297,247	340	919,178	8,343	27,747,190	
1985	737	4,840,442	339	1,019,664	8,343	31,567,968	
1960	131	4,040,442	339	1,019,004	0,741	51,507,908	
1987	762	5,419,205	399	1,246,809	9,104	35,740,364	
1987	783	6,097,248	399	1,161,493	9,104 9,500	40,676,119	
1988	832	6,560,106	469	1,600,627	9,300 9,863	45,635,598	
1989	852	7,777,389	409	1,674,745	10,317	51,738,242	
1990	1,189	11,803,085	411 445	1,074,745	11,061	61,807,210	
1991	1,109	11,005,005	443	1,/34,11/	11,001	01,007,210	
1992	1,181	11,771,336	625	2,533,740	11,617	71,044,806	
1992	1,181	12,219,419	601	2,300,023	12,040	80,964,212	
1993	946	12,978,853	494	2,716,142	12,040	91,226,923	
1994	1,154	13,799,665	614	3,015,915	12,492	102,010,673	
1995	824	10,582,845	593	2,752,328	13,032	109,841,190	
1990	024	10,362,643	393	2,732,328	15,205	109,041,190	
1997	1,504	16,305,680	531	3,033,941	14,236	123,112,929	
	,			, ,	· ·	125,112,929	
1998 1999	1,122 1,312	19,230,034	568 777	3,642,223 5,592,269	14,790		
		19,663,240	369		15,325	152,771,711 173,549,622	
2000 2001	1,319	23,588,044		2,810,133 4,735,312	16,275		
2001	1,238	22,971,336	608	4,755,512	16,905	191,785,646	
2002	1,275	25,079,342	642	5,882,066	17,538	210,982,922	
2002 2003		23,079,342 31,229,077	642 672	5,623,367	17,338	236,588,632	
	1,577	32,303,049	725				
2004	1,553			6,669,694 7,000,257	19,271	262,221,987	
2005	1,666	32,839,907	782 762	7,000,257	20,155	288,061,637	
2006	2,071	38,752,141	762	4,291,133	21,464	322,522,645	





### **ACTIVE AND RETIRED PARTICIPANTS**

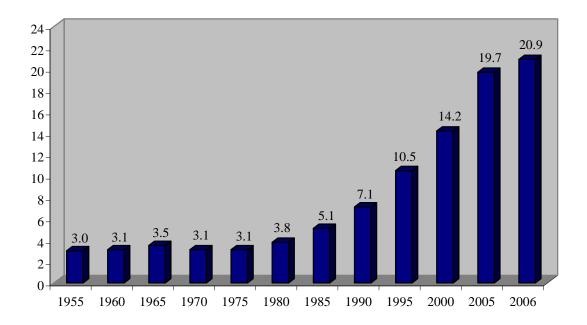




### **ACTIVE MEMBERS PER PENSION RECIPIENT**

CHART 4

## **BENEFITS AS PERCENT OF PAY**



## NUMBER AND AVERAGE PAY OF MEMBERS IN ACTIVE SERVICE AS OF DECEMBER 31, 2006 BY AGE AND YEARS OF BENEFIT SERVICE

			Years of Benefit Service					
Age	Total	0-4	5-9	10-14	15-19	20-24	25-29	30 & Over
Total	36,846	10,466	9,293	5,893	4,785	3,078	2,152	1,179
	\$41,955	\$34,251	\$41,659	\$44,499	\$46,767	\$48,571	\$49,060	\$50,206
Under 20	81	81						
	\$15,947	\$15,947						
20-24	992	969	23					
	\$27,724	\$27,649	\$30,892					
25-29	2,585	1,860	706	19				
	\$36,674	\$34,877	\$41,433	\$35,747				
30-34	3,503	1,467	1,624	399	12	1		
	\$42,026	\$36,669	\$45,536	\$47,447	\$39,120	\$72,254		
35-39	4,703	1,437	1,636	1,208	407	15		
	\$43,828	\$36,130	\$44,327	\$50,357	\$49,468	\$48,115		
40-44	5,273	1,232	1,411	1,067	1,109	421	33	
	\$43,537	\$35,444	\$41,605	\$45,805	\$50,836	\$48,979	\$40,224	
45-49	6,326	1,304	1,361	1,090	1,085	884	564	38
	\$42,507	\$32,858	\$39,324	\$42,914	\$47,198	\$51,264	\$48,700	\$46,322
50-54	6,583	1,032	1,220	1,002	1,056	889	880	504
	\$43,758	\$35,400	\$39,306	\$41,602	\$45,369	\$49,467	\$50,591	\$50,561
55-59	4,478	717	807	695	760	583	475	441
	\$43,065	\$36,148	\$40,521	\$41,222	\$44,201	\$46,204	\$47,861	\$50,601
60-64	1,731	261	358	296	281	225	149	161
	\$40,888	\$32,495	\$37,351	\$41,050	\$41,103	\$42,858	\$50,348	\$50,183
65 & Over	591	106	147	117	75	60	51	35
	\$31,812	\$22,211	\$30,327	\$31,231	\$33,848	\$36,883	\$39,761	\$44,430
		,, _ <b>_</b>	, = = ,= = ,	,	,,	,	+=+,	+ , . 2 0

## **RETIREES AND BENEFICIARIES AS OF DECEMBER 31, 2006 TABULATED BY ATTAINED AGES**

Age	Number
Total	21,464
Under 50	455
50 - 54	1,074
55 - 59	2,730
60 - 64	4,014
65 - 69	3,675
70 - 74	3,158
75 - 79	2,558
80 - 84	2,007
85 - 89	1,206
90 & Over	535
Certain Only#	52

# 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.

## ALLOWANCES BEING PAID RETIREES AND BENEFICIARIES DECEMBER 31, 2006 TABULATED BY TYPE OF BENEFIT BEING PAID

Monthly	All Retired			Type of	Benefit		
Benefits	Members	1	2	3	4	5	6
\$ 0 - 199	1,769	1,131	38	25	479	95	1
200 - 399	3,059	2,056	109	59	676	146	13
400 - 599	2,704	1,856	147	52	526	109	14
600 - 799	2,127	1,560	111	37	322	87	10
800 - 999	1,788	1,369	98	44	200	70	7
1000 - 1199	1,502	1,184	88	21	155	49	5
1200 - 1399	1,221	977	69	20	128	25	2
1400 - 1599	1,090	931	35	13	87	23	1
1600 - 1799	907	786	32	14	55	18	2
1800 - 1999	847	764	16	5	47	13	2
2000 & Over	4,450	4,239	55	17	95	41	3
Totals	21,464	16,853	798	307	2,770	676	60
Total Monthly Benefits	26,876,887	23,493,174	733,748	256,437	1,823,138	520,748	49,642

#### **Type of Benefit**

- 1. Normal Retirement for age and service
- 2. Non-Duty Disability\*
- 3. Duty Disability\*
- 4. Beneficiaries
- 5. Non-Duty Death
- 6. Duty Death

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

## ALLOWANCES BEING PAID RETIREES AND BENEFICIARIES DECEMBER 31, 2006 TABULATED BY OPTIONAL FORM OF BENEFIT BEING PAID

	All										
Monthly	Retired										
Benefits	Members	1	2	3	4	5	6	7	8	9	10
\$ 0 - 199	1,769	566	13	0	233	59	15	10	12	13	848
200 - 399	3,059	859	18	1	375	95	20	32	18	22	1,619
400 - 599	2,704	762	57	1	341	62	28	26	14	30	1,383
600 - 799	2,127	601	39	0	297	45	32	36	10	22	1,045
800 - 999	1,788	457	45	0	305	23	38	37	9	17	857
1000 - 1199	1,502	465	70	5	254	20	18	29	9	13	619
1200 - 1399	1,221	379	56	1	226	10	12	11	4	13	509
1400 - 1599	1,090	345	47	0	244	6	14	14	6	7	407
1600 - 1799	907	298	63	3	179	9	10	10	3	10	322
1800 - 1999	847	261	58	0	181	7	7	8	2	5	318
2000 & Over	4,450	1,348	479	5	1,052	34	39	52	25	42	1,374
Totals	21,464	6,341	945	16	3,687	370	233	265	112	194	9,301
		ŕ			,						-
Total Monthly	** < 0 <b>=</b> < 0C=			***		<b>*</b> ••••					to 0=0 00 i
Benefit	\$26,876,887	\$8,052,699	\$2,041,311	\$25,278	\$5,597,264	\$290,992	\$282,872	\$330,100	\$138,767	\$239,523	\$9,878,081

#### **Option Selected**

- 1. Beneficiary draws 100% of retiree's benefit
- 2. Beneficiary draws 75% of retiree's benefit
- 3. Beneficiary draws 60% of retiree's benefit
- 4. Beneficiary draws 50% of retiree's benefit
- 5. Equated option (changing at Social Security age)
- 6. 5 year certain and life
- 7. 10 year certain and life
- 8. 15 year certain and life
- 9. 20 year certain and life
- 10. Straight life allowance

### VALUATION DIVISIONS IN 2006, 2005, AND 2004 VALUATIONS TABULATED BY BENEFIT PLAN (Excludes 18 Closed Municipalities with 22 Divisions in 2006 and 16 Closed Municipalities with 20 Divisions in 2005 and 2004)

	Number of Divisions with Benefit on					
	2007	December 31,	2004			
Benefits	2006	2005	2004			
Benefit A	2	2	2			
Benefit B-1	71	70	72			
Benefit B-2	337	341	349			
Benefit B-3	511	502	504			
Benefit B-4 – 75% Max	2	0	0			
Benefit B-4	812	779	736			
Benefit C New	14	12	11			
Benefit C Old	7	7	7			
Benefit C-1 New	40	41	36			
Benefit C-1 Old	21	23	26			
Benefit C-2						
(Base B-1)	33	38	35			
(Base C-1 New)	1	1	0			
(Base C-1 Old)	9	10	10			
Non Standard Benefit C-2						
B-4 (Base B-3)	2	2	2			
B-4 to 65 (Base B-3)	1	1	1			
2.8% (Base B-4)	1	1	1			
2.35% to maximum of 80%	4	4	4			
2.75% to maximum of 75%	1	0	0			
2.75% to maximum of 80%	20	13	8			
2.80% to maximum of 80%	19	13	5			
2.80% (25 years) + 1.00% (over 25)	4	4	4			
2.80% (30 years) + 1.00% (over 30)	1	1	1			
3.00% to maximum of 80%	23	18	13			
3.20% to maximum of 80%	9	10	9			
Old Plan Benefits	7	<u>6</u>	<u> </u>			
Total Divisions	1,952	1,899	1,842			

### **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%), and includes an adjustment to reflect market value. This procedure was instituted for the December 31, 2005 valuation, 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 (8%) during the year.
- (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. Actual return for the year includes net interest, dividends, realized and unrealized gains or losses.

The cumulative difference between the market value and valuation assets as of December 31, 2005 is recognized over 9 years.

For the December 31, 2006 valuation, this procedure produced an actuarial asset value that is equal to 98.62% of market value (compared to 102.71%, 102.45%, 109.52%, and 125.85% in 2005, 2004, 2003, and 2002, respectively).

In table 37 on pages 94 and 95, we have illustrated the development of the actuarial value of assets for the December 31, 2001 through December 31, 2006 actuarial valuations. The market value of assets reported to the actuary includes most accounts receivables.

### **IV. EMPLOYER CONTRIBUTIONS AND FUNDED STATUS**

In the tables and charts that follow, we have illustrated the employer contribution requirements and funded status of the participating municipalities within MERS. This information is aggregated by division or municipality, as indicated in each table or chart.

- Table 10 provides a distribution of average employer contribution rates by type of benefit program. This information is shown on a divisional basis.
- Chart 5 provides a distribution of the active municipalities by funded percentage of the entire municipality.
- Chart 6 provides a distribution of divisions by employer contribution rate.
- Tables 11-A, 11-B, 11-C, and 11-D provide a historical comparison of the funded status of MERS.
- Table 12 provides the funded status of the present value of accrued benefits and the termination liability for all MERS municipalities in the aggregate.
- Table 13 provides additional historical funding information.

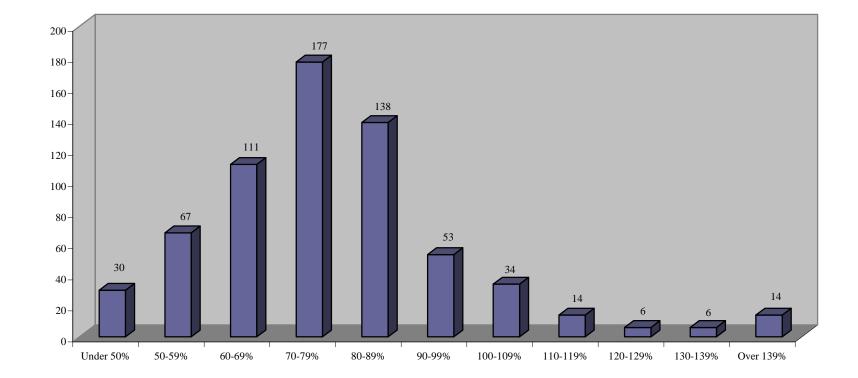
#### COMPUTED EMPLOYER CONTRIBUTION RATES (EXCLUDES 408 CLOSED DIVISIONS AND 22 DIVISIONS OF 18 CLOSED MUNICIPALITIES)

	Contributory Groups			Non-Contribu	itory Groups	Total Groups		
		Member	Employer		Employer		Employer	
Benefit	No. of	Contrib.	Contrib.	No. of	Contrib.	No. of	Contrib.	
Program	Divisions	Avg. %	Avg. %	Divisions	Avg. %	Divisions	Avg. %	
Benefit B-1	32	3.36	4.82	24	8.81	56	5.76	
Benefit B-2	140	3.54	8.64	128	10.46	268	9.56	
Benefit B-3	237	4.16	9.00	171	13.58	408	11.10	
Benefit B-4	422	4.86	12.96	216	19.67	638	14.56	
Benefit C New	7	5.10	2.29	6	6.78	13	3.67	
Benefit C Old	3	0.47	5.86	2	7.69	5	6.74	
Benefit C-1 New	22	3.94	1.83	14	7.36	36	3.82	
Benefit C-1 Old	8	2.51	5.51	7	5.95	15	5.74	
Benefit C-2								
(B-1 Base)	17	4.65	6.94	11	9.30	28	8.13	
(C-1 New Base)	1	4.70	1.66			1	1.66	
(C-1 Old Base)	3	4.11	2.52	5	9.77	8	3.92	
Non Standard C-2								
B-4 (B-3 Base)	2	0.94	12.86			2	12.86	
2.35% - 80% Max				4	33.07	4	33.07	
2.75% - 80% Max	12	7.93	15.34	1	16.10	13	15.40	
2.80% - 80% Max	17	5.75	14.59			17	14.59	
2.8% (1%>25y)				4	35.81	4	35.81	
2.8% (1%>30y)				1	70.30	1	70.30	
3.00% - 80% Max	19	5.29	17.99	1	25.53	20	18.22	
3.20% - 80% Max	7	13.53	16.68			7	16.68	
Total	949	4.70	11.08	595	14.58	1,544	12.30	

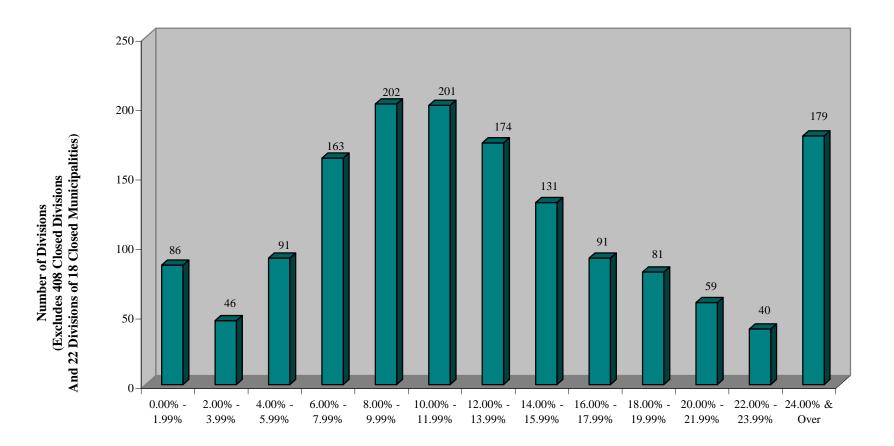
#### ADDITIONAL BENEFIT PROGRAMS (EXCLUDES 22 DIVISIONS OF 18 CLOSED MUNICIPALITIES)

Benefit	No. of	Benefit	No. of	Benefit	No. of	Benefit	No. of	Benefit	No. of
Program	Divisions	Program	Divisions	Program	Divisions	Program	Divisions	Program	Divisions
20 & out 21 & out 22 & out 25 & out 30 & out	14 1 93 4	E-1 E-2 D-2 RS 50% RS 100%	290 605 41 131 1	F50 F51 F53 F55	389 1 5 1,126	FAC-3 FAC-4 FAC-5 Old Plan	809 1 1,135 7	V-5 V-6 V-8 V-10 Old Plan	8 362 162 1,413 7

## DISTRIBUTION OF FUNDED PERCENTAGE OF ACTUARIAL ACCRUED LIABILITY AMONG THE 650 PARTICIPATING MUNICIPALITIES AS OF DECEMBER 31, 2006



### DISTRIBUTION OF MUNICIPALITY DIVISIONS BY EMPLOYER CONTRIBUTION RATE



## TABLE 11-A

## ACCRUED LIABILITIES AND FUNDED PERCENTAGES HISTORICAL COMPARISON

Valuation Date Dec. 31,	Non-Retired Members Accrued Liabilities	Annual Allowances Being Paid	Retiree & Beneficiary Liabilities	Aggregate Accrued Liabilities	Aggregate Valuation Assets	Ratio of Valuation Assets to Accrued Liabilities
1050	<b>• 125 112 5</b> 00	<b>* * * * *</b>	<b>•</b> • • • • • • • • • • • • • • • • • •	<b>• • • • • • • • • •</b>	<b>•</b> • • • • • • • • • • • • • • • • • •	
1972	\$ 127,143,608	\$ 5,003,270 5,012,120	\$ 47,013,254	\$ 174,156,862	\$ 114,341,481	65.7%
1973	142,925,270	5,913,130	55,980,829	198,906,099	130,956,299	65.8
1974	160,249,089	6,706,607	64,072,947	224,322,036	152,455,503	68.0
1975	188,566,575	7,538,299	71,708,510	260,275,085	177,758,126	68.3
1976	211,840,776	8,753,807	90,361,506	302,202,282	209,071,263	69.2
1977	244,970,343	10,753,677	103,736,444	348,706,787	243,536,698	69.8
1978	276,353,722	12,012,571	115,949,168	392,302,890	280,893,767	71.6
1979	315,733,909	13,450,368	130,607,800	446,341,709	327,542,457	73.4
1980	362,838,351	15,234,503	148,945,789	511,784,140	387,265,070	75.7
1981	363,323,286	17,446,778	149,976,466	513,299,752	473,256,032	92.2
1982	414,051,335	19,618,191	168,634,555	582,685,890	556,991,697	95.6
1983	446,269,077	21,674,209	186,670,065	632,939,142	662,916,808	104.7
1984	461,576,458	24,369,121	210,461,164	672,037,622	753,645,676	112.1
1985	515,821,524	27,747,190	241,109,150	756,930,674	852,594,742	112.6
1986	561,682,159	31,567,968	274,975,217	836,657,376	975,239,340	116.6
1987	562,053,213	35,740,364	312,365,574	874,418,787	1,101,948,565	126.0
1988	607,495,332	40,676,119	356,617,104	964,112,436	1,178,554,489	122.3
1989	680,170,204	45,635,598	402,345,765	1,082,515,969	1,299,895,892	120.1
1990	775,542,300	51,738,242	457,239,911	1,232,782,211	1,397,164,304	113.3
1991	878,855,313	61,807,210	562,788,136	1,441,643,449	1,550,887,208	107.6
1992	996,091,502	71,044,806	648,167,481	1,644,258,983	1,720,222,990	104.6
1993	1,442,124,270	80,964,212	704,868,169	2,146,992,632	1,863,307,761	86.8
1994	1,624,832,681	91,226,923	844,417,739	2,469,250,420	1,986,586,888	80.5
1995	1,775,482,400	102,010,673	968,431,013	2,743,913,413	2,166,888,155	79.0
1996	1,940,753,420	109,841,190	1,035,006,491	2,975,759,911	2,386,832,847	80.2
1997	2,110,440,654	124,469,481	1,174,726,785	3,285,167,459	2,692,666,308	82.0
1998	2,275,823,309	138,700,740	1,316,174,131	3,591,997,440	3,030,361,014	84.4
1999	2,372,394,581	152,771,711	1,463,153,486	3,835,548,067	3,464,935,295	90.3
2000	2,652,393,426	173,549,622	1,744,617,407	4,397,010,833	3,787,192,159	86.1
2001	2,839,295,057	191,785,646	1,944,557,814	4,783,852,871	4,034,376,766	84.3
2002	3,022,035,098	210,982,922	2,159,117,550	5,181,152,648	4,132,989,295	79.8
2003	3,232,507,773	236,588,632	2,435,240,158	5,667,747,931	4,459,492,556	78.7
2004	3,468,273,493	262,221,987	2,696,552,909	6,164,826,402	4,731,421,917	76.7
2005	3,642,919,909	288,061,637	2,966,188,567	6,609,108,476	5,026,080,689	76.0
2006	3,873,227,261	322,522,645	3,314,517,721	7,187,744,982	5,493,761,771	76.4

#### TABLE 11-B

#### RESERVE FOR EMPLOYEE CONTRIBUTIONS AGGREGATE ACCRUED LIABILITIES AND AGGREGATE VALUATION ASSETS HISTORICAL COMPARISON

	Aggregate	Aggregate	Ratio of
Valuation Date	Accrued	Valuation	Valuation Assets to
December 31,	Liabilities	Assets	Accrued Liabilities
1972	\$ 32,673,553	\$ 32,673,553	100.0%
1972	37,055,398	37,055,398	100.0
1974	42,914,325	42,914,325	100.0
1975	50,542,901	50,542,901	100.0
1975	57,510,496	57,510,496	100.0
1977	63,787,655	63,787,655	100.0
1978	70,679,181	70,679,181	100.0
1979	78,583,584	78,583,584	100.0
1980	87,322,139	87,322,139	100.0
1981	99,974,213	99,974,213	100.0
1982	110,972,544	110,972,544	100.0
1983	123,119,737	123,119,737	100.0
1984	134,610,254	134,610,254	100.0
1985	146,719,594	146,719,594	100.0
1986	158,270,468	158,270,468	100.0
1097	166 492 204	166 492 204	100.0
1987	166,483,204	166,483,204	100.0
1988	175,671,692	175,671,692	100.0
1989	184,507,092	184,507,092	100.0
1990	193,558,998	193,558,998	100.0
1991	202,674,346	202,674,346	100.0
1992	214,772,461	214,772,461	100.0
1993	221,196,735	221,196,735	100.0
1994	238,971,125	238,971,125	100.0
1995	250,640,757	250,640,757	100.0
1996	265,314,637	265,314,637	100.0
1997	277,465,847	277,465,847	100.0
1998	291,925,302	291,925,302	100.0
1999	305,474,698	305,474,698	100.0
2000	318,387,711	318,387,711	100.0
2000	336,500,799	336,500,799	100.0
2002	359,218,473	359,218,473	100.0
2003	396,680,584	396,680,584	100.0
2004	422,536,663	422,536,663	100.0
2005	463,025,882	463,025,882	100.0
2006	518,036,804	518,036,804	100.0

## TABLE 11-C

ACTUARIAL ACCRUED LIABILITIES FOR RETIRED BENEFIT PAYMENTS
HISTORICAL COMPARISON

	Annual	Aggregate	Aggregate	Ratio of
Valuation Date	Retirement	Accrued	Valuation	Valuation Assets to
December 31,	Allowances	Liabilities	Assets	<b>Accrued Liabilities</b>
1972	\$ 5,003,270	\$ 47,013,254	\$ 49,221,783	104.7%
1973	5,913,130	55,980,829	58,353,084	104.2
1974	6,706,607	64,072,947	66,582,630	103.9
1975	7,538,299	71,708,510	74,282,131	103.6
1976	8,753,807	90,361,506	93,578,119	103.6
1977	10,753,677	103,736,444	106,505,499	102.7
1978	12,012,571	115,949,168	117,165,585	102.7
1978	13,450,368	130,607,800	130,953,142	101.0
1979	15,234,503	148,945,789	149,933,072	100.3
1980				108.0
1981	17,446,778	149,976,466	161,990,110	108.0
1982	19,618,191	168,634,555	181,975,448	107.9
1983	21,674,209	186,670,065	202,412,938	108.4
1984	24,369,121	210,461,164	210,461,164	100.0
1985	27,747,190	241,109,150	241,109,150	100.0
1986	31,567,968	274,975,217	274,975,217	100.0
1007	25 740 264	212 265 574	212 265 574	100.0
1987	35,740,364	312,365,574	312,365,574	100.0
1988	40,676,119	356,617,104	356,617,104	100.0
1989	45,635,598	402,345,765	402,345,765	100.0
1990	51,738,242	457,239,911	457,239,911	100.0
1991	61,807,210	562,788,136	562,788,136	100.0
1992	71,044,806	648,167,481	648,167,481	100.0
1993	80,964,212	704,868,169	704,868,169	100.0
1994	91,226,923	844,417,739	844,417,739	100.0
1995	102,010,673	968,431,013	968,431,013	100.0
1996	109,841,190	1,035,006,491	1,035,006,491	100.0
1997	124,469,481	1,174,726,785	1,121,695,199	95.5
1997		1,174,720,785		93.3 95.4
	138,700,740		1,255,316,779	
1999	152,771,711	1,463,153,486	1,399,439,687	95.6 05.2
2000	173,549,622	1,744,617,407	1,661,933,518	95.3
2001	191,785,646	1,944,557,814	1,838,700,512	94.6
2002	210,982,922	2,159,117,550	2,012,124,629	93.2
2003	236,588,632	2,435,240,158	2,244,136,154	92.2
2004	262,221,987	2,696,552,909	2,464,191,571	91.4
2005	288,061,637	2,966,188,567	2,708,811,119	91.3
2006	322,522,645	3,314,517,721	3,027,004,180	91.3
	. ,			

## TABLE 11-D

## **Reserve for Employer Contributions Historical Comparison**

	Aggregate Accrued		Ratio of Valuation		
Valuation	Liabilities	Aggregate	Assets to		rued Liabilities
Date	(Excluding	Valuation	Accrued	Aggregate	As Percent of
December 31,	Retirees)	Assets	Liabilities	Dollars	Active Payroll
	+				
1972	\$ 94,470,055	\$ 32,446,145	34.3%	\$ 62,023,910	39.6%
1973	105,869,872	35,547,817	33.6	70,322,055	40.5
1974	117,334,764	42,958,548	36.6	74,376,216	37.8
1975	138,023,674	52,933,094	38.4	85,090,580	34.9
1976	154,330,280	57,982,648	37.6	96,347,632	36.5
1977	181,182,688	73,243,544	40.4	107,939,144	37.0
1978	205,674,541	93,049,001	45.2	112,625,540	35.8
1979	237,150,325	118,005,731	49.8	119,144,594	33.8
1980	275,516,212	150,009,859	54.4	125,506,353	31.4
1981	263,349,073	211,291,709	80.2	52,057,364	12.1
1,01	200,010,010	211,271,707	00.2	02,007,001	12.1
1982	303,078,791	264,043,705	87.1	39,035,086	8.5
1983	323,149,340	337,384,133	104.4	-	-
1984	326,966,204	408,574,258	125.0	-	-
1985	369,101,930	464,765,998	125.9	-	-
1986	403,411,691	541,993,655	134.4	-	-
1987	395,570,009	623,099,787	157.5	-	-
1988	431,823,640	647,265,693	149.9	-	-
1989	495,663,112	713,043,035	143.9	-	-
1990	581,983,302	746,365,395	128.2	-	-
1991	676,180,967	785,424,726	116.2	-	-
1992	781,319,041	857,283,048	109.7		
1992	1,220,927,535	937,242,857	76.8	283,684,871	32.6
1993	1,385,861,556	903,198,024	65.2	482,663,536	52.0
1994	1,524,841,643	947,816,385	62.2	577,025,258	52.2 59.3
1995	1,675,438,783	1,086,511,719	64.8	588,927,064	57.4
1990	1,075,450,705	1,000,311,713	04.0	388,927,004	57.4
1997	1,832,974,807	1,293,505,262	70.6	539,469,545	50.0
1998	1,983,898,007	1,483,118,933	74.2	500,779,074	43.1
1999	2,066,919,883	1,760,020,910	85.2	306,898,973	26.0
2000	2,334,005,715	1,806,870,930	77.4	527,134,785	43.0
2001	2,502,794,258	1,859,175,455	74.3	643,618,803	50.6
2002	2,662,816,625	1,761,646,193	66.2	901,170,432	67.9
2003	2,835,827,189	1,818,675,818	64.1	1,017,151,371	73.6
2004	3,045,736,830	1,844,693,683	60.6	1,201,043,147	83.6
2005	3,179,894,027	1,854,243,688	58.3	1,325,650,339	90.6
2006	3,355,190,457	1,948,720,787	58.1	1,406,469,670	91.0

#### PRESENT VALUE OF ACCRUED BENEFITS AS OF DECEMBER 31, 2006

Present Value of Accrued Benefit	Termination Liability
\$2,313,845,847	\$2,657,746,761
262,358,560	262,358,560
3,314,517,721	3,314,517,721
9,626,962	9,626,962
\$5,900,349,090	\$6,244,250,004
\$5,493,761,771	\$5,493,761,771
93.1%	88.0%
	Accrued Benefit           \$2,313,845,847           262,358,560           3,314,517,721           9,626,962           \$5,900,349,090           \$5,493,761,771

#### Comment

The Termination Liability represents the present value of benefits payable in the event that all active members terminate employment on December 31, 2006, based upon the valuation interest and mortality assumptions. The present value of accrued benefits (PVAB) includes vested and non-vested benefits accrued as of December 31, 2006. For a non-vested active member, the PVAB represents the present value of the non-vested accrued benefit, and the Termination Liability represents the present value of the non-vested accrued benefit (deferred to age 60). For some active members the Termination Liability may exceed the PVAB, because the Termination Liability assumes that members retire at the earliest possible age for commencement of unreduced deferred benefits, whereas the PVAB assumes continued employment based on actuarial assumptions for retirement, death, disability and withdrawal. Pending refunds represent expected refunds of accumulated member contributions to persons who have terminated membership before becoming eligible for pension benefits.

## FUNDING PROGRESS ACHIEVEMENT TESTS – HISTORICAL COMPARISON (\$ MILLIONS)

						<b>Continuation</b>	Continuation Tests				
Valuation		Terminat	ion Test	Actuarial		Unfunded		Ratio of Unfunded			
Date	Valuation	Termination	Funded	Accrued	Funded	Actuarial	Member	Accrued Actuarial			
Dec. 31,	Assets	Liability	Ratio	Liability	Ratio	Liability	Payroll	Liability to Payroll			
1975	\$ 177.8			\$ 260.3	68.3%	\$ 82.5	\$ 243.8	33.8%			
1980	387.3	\$ 419.0	92.4%	511.8	75.7	124.5	399.4	31.2			
1985	852.6	609.7	139.8	756.9	112.6	-	544.2	-			
1990	1,397.2	997.4	140.1	1,232.8	113.3	-	725.7	-			
1991	1,550.9	1,170.3	132.5	1,441.6	107.6	-	782.9	-			
1992	1,720.2	1,333.5	129.0	1,644.3	104.6	-	852.4	-			
1993	1,863.3	1,416.7	131.5	2,147.0	86.8	283.7	869.3	32.6			
1994	1,986.6	1,627.0	122.1	2,469.3	80.5	482.7	925.5	52.2			
1995	2,166.9	1,817.1	119.2	2,743.9	79.0	577.0	973.0	59.3			
1996	2,386.8	1,980.0	120.5	2,975.8	80.2	589.0	1,025.2	57.5			
1997	2,692.7	2,248.9	119.7	3,285.2	82.0	592.5	1,068.6	55.4			
1998	3,030.4	2,505.3	121.0	3,592.0	84.4	561.6	1,163.1	48.3			
1999	3,464.9	2,728.6	127.0	3,835.5	90.3	370.6	1,179.3	31.4			
2000	3,787.2	3,167.8	119.6	4,397.0	86.1	609.8	1,226.0	49.7			
2001	4,034.4	3,813.5	105.8	4,783.9	84.3	749.5	1,271.6	58.9			
2002	4,133.0	4,193.7	98.6	5,181.2	79.8	1,048.2	1,327.4	79.0			
2003	4,459.5	4,652.5	95.9	5,667.7	78.7	1,208.2	1,381.2	87.5			
2004	4,731.4	5,155.8	91.8	6,164.8	76.7	1,433.4	1,437.2	99.7			
2005	5,026.1	5,605.7	89.7	6,609.1	76.0	1,583.0	1,462.4	108.2			
2006	5,493.8	6,244.3	88.0	7,187.7	76.4	1,693.9	1,545.9	109.6			

#### V. GASB NO. 25 AND GASB NO. 27 INFORMATION

The following information has been prepared to provide the information necessary to comply with GASB Statements No. 25 and No.27. Statement No. 25 is effective for fiscal years beginning after June 15, 1996 and Statement No. 27 is effective for fiscal years beginning after June 15, 1997.

All entries are based on the actuarial methods and assumptions that were used in the December 31, 2006 actuarial valuation to determine the annual employer contribution amounts. The entry age normal actuarial method was used to determine the disclosure entries.

#### GASB No. 25 INFORMATION (AS OF 12/31/2006)

Actuarial Accrued Liability	
Retirees and beneficiaries currently receiving benefits	\$3,314,517,721
Terminated employees (vested former members) not yet receiving benefits	262,358,560
Non-vested terminated employees (pending refunds of accumulated member contributions)	9,626,962
Current employees	<u>3,601,241,739</u>
Total Actuarial Accrued Liability	\$7,187,744,982
Net Assets Available for Benefits at Actuarial Value (Market Value is \$5,570,613,987)	<u>5,493,761,777</u>
Unfunded (Overfunded) Actuarial Accrued Liability	\$1,693,983,205

#### GASB No. 27 INFORMATION (AS OF 12/31/2006)

Municipality Fiscal Years Beginning in 2008

Annual Required Contribution (ARC)

\* Based on valuation payroll. For divisions that are open to new hires, the actual required contributions will be based on current monthly payrolls (during fiscal years beginning in 2008) times the computed employer contribution rate(s) shown in Tables 15 and 16 of the individual municipality actuarial valuation reports. The ARC shown here is the sum of the ARC's calculated separately for each division. This ARC excludes 18 closed municipalities.

\$ 223,792,356\*

#### **VI. 50-YEAR ACTUARIAL PROJECTIONS**

Regular actuarial valuations measure the retirement system's present financial position and contribution adequacy by calculating and financing the liabilities created by the benefit program. This process involves discounting to present values the future benefit payments on behalf of present active and retired members and their survivors. However, valuations do not produce information regarding future changes in the makeup of the covered group or the amounts of benefits to be paid or investment return to be received. This is done by actuarial projections.

Whereas valuations provide a snapshot of the retirement system as of a given date, projections provide a moving picture. Projected active, inactive vested and retired groups are developed from year-to-year by the application of assumptions regarding pre-retirement withdrawal from service, retirements, deaths, disabilities, and the addition of new members. Projected information regarding the retired life group leads to assumed future benefit payout. Combining future benefit payments with expected contributions and investment earnings produces the net cash flow of the system each year, and thus end of year asset levels.

Projection results are a useful educational tool for demonstrating changing relationships among key elements affecting system financial activity over a long period of time. For example: how benefits and system assets will grow in future decades. Projections are not predictions of specific future events and do not provide numeric precision in absolute terms. For instance, cash flow projected to occur 10 years in the future will not be exact (except by coincidence). However, projections can increase the understanding of the emerging and changing relationships between future benefit payout and future investment income.

This report presents the results of a 50-Year open group actuarial projection of MERS' experience based on regular actuarial assumptions and December 31, 2006 census data. Each division (general, police, fire, etc.) of each municipality and court is separately projected, based on the benefit provisions and actuarial assumptions applicable to that division. Closed defined benefit divisions are included in the projection, but with no new hires replacing members as they leave the active member group. The results have been summarized over the 1,974 defined benefit divisions (includes 22 divisions of 18 closed municipalities) and are presented in this report.

In order to illustrate the impact of changes in investment return, two alternative investment return scenarios have been included in the report.

#### **SUMMARY OBSERVATIONS**

The base actuarial projections of MERS are based on regular valuation assumptions and lead to some general observations:

- The ratio of active members to retirees will decline gradually over the next 50 years from the present level of 1.7 to a low point of below 0.9, and will settle at around 1.0 (see page 42). Expressed simply, the retiree population is expected to increase around 57%. At the same time, the active member population declines about 12% due to divisions that are closed to new hires (new hires are covered by the MERS defined contribution plan). The decline in the active/retiree ratio may be postponed if the active member population grows larger than projected, either due to new employers joining MERS or an increase in the existing employers' work forces with defined benefit coverage.
- 2) Due to the closed divisions, some of the projected quantities rise to higher levels, before settling down to their long term expected levels.
- 3) The growth of the trust fund is expected to continue indefinitely, because of the projected 4.5% inflation. In real terms (2007 dollars), assets in 2056 will be slightly lower than the present (2007) level under the base projection (see page 44). However, assets will peak at an 11% higher level around 2018, due to the closed divisions, before declining back down to the present level (closed division employer contributions increase for 11-12 years after closure and then start to decline).
- 4) Investment return is now and will continue to be the largest source of revenue (by far) for the retirement system (see page 44 or 48). Ultimately, the investment return is projected to be about 2.7 times as large as the employer and member contributions, under the base projection.
- 5) MERS' benefit payout is already larger than the employer and member contributions (see page 44). MERS relies in part on investment return to pay benefits. This is the normal and expected situation in a prefunded retirement system. The system has been reaping the rewards of actuarial advance funding. Liquidity needs will increase gradually until eventually leveling off at about 3%-3.5% of assets under the base projection (see page 46). The 3.5% annual real investment return (return in excess of inflation) will be used to pay benefits, while the 4.5% inflation portion of investment return will be needed to maintain the value of the portfolio.
- 6) Benefit payout relative to active member payroll will increase with time, and will level out at almost 24% of payroll. Meanwhile, employer and member contributions will decline to under 12% of payroll under the base projection (see page 48).

- 7) The current funded ratio, 76%, gradually increases towards 100% over the projection period under the base projection (see page 51). Since most amortization periods never decrease below 25 years (10 years for overfunded divisions), the unfunded accrued liability slowly gets smaller and smaller in real dollars, but never quite drops to zero. This smooth progression, of course, is based on a constant 8% projected investment income based on the actuarial value of assets.
- 8) Based on current actuarial assumptions, the active member population "turns over" more rapidly than most readers would expect. By 2015 over half of the active members are persons who have not even been hired yet as of December 31, 2006 (see page 35). This is a common result.
- 9) The reader should consider the base projection to be an intermediate scenario. Investment return on valuation assets is projected to be a constant 8% annually. Remember that at the beginning of the projection (December 31, 2006), valuation assets were lower than market value by a little over 1%. Consequently, in order to achieve an 8% return on valuation assets, the return on market value must average slightly lower than 8% annually.

To show the impact of lower returns we included two less optimistic projections.

Alternative 1 projections were based on 7% annual *market* returns beginning January 1, 2007. Alternative 2 projections were based on 6% annual *market* returns beginning January 1, 2007. The alternative projections are less optimistic than the base projections.

Under the Alternative 1 and Alternative 2 projections, the annual valuation calculations of liabilities and required contributions are still based on the 8% investment return assumption. The cash flow and asset values, however, are based on 7% and 6% investment returns, respectively.

The population projections for Alternative 1 and Alternative 2 are identical to the population projections for the base scenario. The results of Alternatives 1 and 2 are compared with the base projection on pages 68 to 71.

- Both alternatives result in substantially larger contribution requirements (see pages 68-69) and much lower funded percentages (see pages 70-71) than the base projection.
- 11) Under Alternative 1 and Alternative 2, the funded ratios will decline from the current 76% down to 72% and 55%, respectively, by the end of the projection period (see page 70). The contribution requirements will increase from current levels by 1% and 5% of payroll for Alternatives 1 and 2, respectively, by the end of the projection (see page 68). This compares to the expected 4%-5% reduction in contribution requirements under the base projection.

By the end of the projection the required contribution rate (employer and member combined) is 11.44% under the base projection, 17.03% under Alternative 1, and 21.11% under Alternative 2. This demonstrates that the projected funded ratio and required contribution are highly sensitive to seemingly modest changes in the projected rate of investment return.

12) If the average actual market rate of return is below 8% for an extended period, it is likely that the actuary would recommend that the Retirement Board adopt a lower investment return assumption for the annual actuarial valuations. This would result in an immediate (at that time) decrease in the computed funded ratio and increase in the required contributions. Thereafter, the funded ratio would start climbing back toward 100%, and the required contribution rate would gradually decline to the normal cost rate (based on the new assumption).

### **POPULATION PROJECTION**

The first phase of the projection study is to forecast the development of the active and retired groups in coming decades. The following pages present the results of the MERS population projection from 2007 through 2056 based on a continuation of present demographic patterns.

#### **CHARACTERISTICS OF FUTURE MEMBERS**

The assumed characteristics of future members have a powerful effect on the results of 50-year projections, since future members are the major portion of the active member group for most of the 50 years (see page 35).

The characteristics assumed for these projections are those of current members at the time they were hired.

<b>Characteristics of Future Men</b>	nbers at Time of Employment
Age	Percent
Below 25	17.9 %
25 - 29	22.0
30 - 34	17.4
35 - 39	14.5
40 - 44	11.6
45 - 49	8.3
50 - 54	4.8
55 & Up	3.5
Total	100.0 %
Average Pay (2006)	\$41,955

### TABLE 14MERS ACTIVE MEMBER POPULATION2007-2056

Year Ending	A	ctive Member	rs	Year Ending	A	ctive Membe	rs
December 31,	Present	Future	Total	December 31,	Present	Future	Total
2007	33,239	3,247	36,486	2032	1,376	31,230	32,606
2008	30,261	5,895	36,156	2033	1,134	31,454	32,588
2009	27,698	8,146	35,844	2034	928	31,645	32,574
2010	25,370	10,177	35,547	2035	756	31,807	32,563
2011	23,231	12,033	35,265	2036	611	31,943	32,554
2012	21,181	13,810	34,991	2037	489	32,058	32,547
2013	19,264	15,470	34,734	2038	389	32,154	32,542
2014	17,435	17,059	34,494	2039	305	32,233	32,539
2015	15,721	18,549	34,271	2040	236	32,299	32,536
2016	14,108	19,956	34,064	2041	181	32,352	32,534
2017	12,634	21,239	33,873	2042	137	32,395	32,532
2018	11,283	22,416	33,699	2043	102	32,429	32,531
2019	10,041	23,502	33,543	2044	75	32,455	32,530
2020	8,890	24,511	33,401	2045	54	32,476	32,530
2021	7,833	25,440	33,273	2046	38	32,491	32,530
2022	6,874	26,284	33,159	2047	26	32,503	32,529
2023	6,005	27,052	33,057	2048	18	32,512	32,529
2024	5,222	27,746	32,969	2049	11	32,518	32,529
2025	4,516	28,375	32,891	2050	7	32,522	32,529
2026	3,880	28,947	32,827	2051	4	32,525	32,529
2027	3,320	29,453	32,772	2052	3	32,526	32,529
2028	2,825	29,900	32,725	2053	1	32,528	32,529
2029	2,388	30,299	32,687	2054	1	32,528	32,529
2030	2,001	30,653	32,654	2055	0	32,529	32,529
2031	1,662	30,965	32,627	2056	0	32,529	32,529

Within 9 years it is expected that over half of the active member population will consist of people entering the system after the valuation date (December 31, 2006).

### TABLE 15MERS PRESENT ACTIVE MEMBERSGROUP AVERAGES 2007-2056

	Present				Present		
Year Ending	Active	Group A	verages	Year Ending	Active	Group A	Averages
December 31,	Members	Age	Service	December 31,	Members	Age	Service
2007	33,239	46.0	12.2	2032	1,376	57.7	31.1
2008	30,261	46.8	13.2	2033	1,134	58.1	31.9
2009	27,698	47.6	14.1	2034	928	58.5	32.6
2010	25,370	48.3	15.0	2035	756	58.9	33.4
2011	23,231	48.9	15.8	2036	611	59.4	34.2
2012	21,181	49.5	16.5	2037	489	59.8	35.0
2013	19,264	50.1	17.3	2038	389	60.2	35.8
2014	17,435	50.6	18.0	2039	305	60.7	36.5
2015	15,721	51.1	18.8	2040	236	61.1	37.3
2016	14,108	51.5	19.5	2041	181	61.6	38.1
2017	12,634	51.9	20.2	2042	137	62.0	38.9
2018	11,283	52.3	20.9	2043	102	62.5	39.7
2019	10,041	52.7	21.7	2044	75	63.1	40.5
2020	8,890	53.1	22.4	2045	54	63.6	41.4
2021	7,833	53.5	23.1	2046	38	64.1	42.2
2022	6,874	53.9	23.8	2047	26	64.7	43.0
2023	6,005	54.2	24.5	2048	18	65.3	43.9
2024	5,222	54.6	25.2	2049	11	65.8	44.7
2025	4,516	55.0	25.9	2050	7	66.3	45.5
2026	3,880	55.3	26.6	2051	4	66.8	46.3
2027	3,320	55.7	27.3	2052	3	67.3	47.2
2028	2,825	56.1	28.0	2053	1	67.8	48.0
2029	2,388	56.5	28.8	2054	1	68.2	48.9
2030	2,001	56.9	29.5	2055	0	68.7	49.7
2031	1,662	57.3	30.3	2056	0	69.1	50.6

Approximately 89% of the current active population will no longer be active after 20 years. None of the current active members will still be active members in 2056.

### TABLE 16MERS FUTURE ACTIVE MEMBERSGROUP AVERAGES 2007-2056

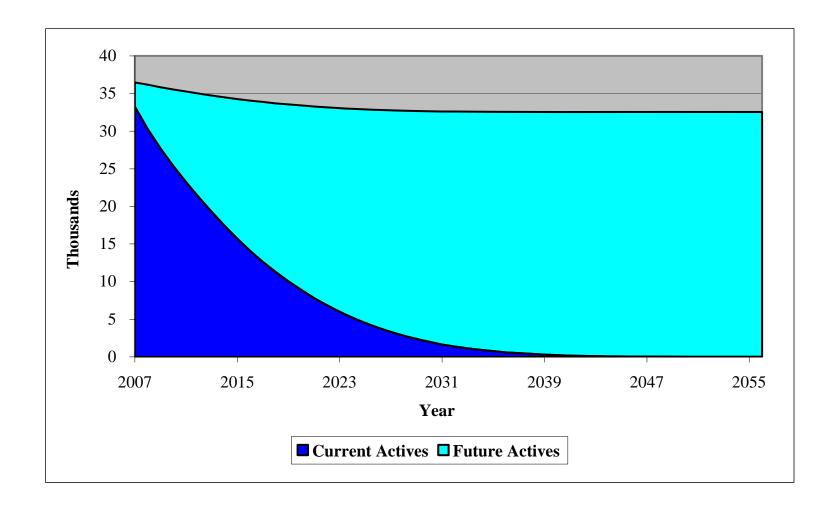
	Future				Future		
Year Ending	Active	Group A	Verages	Year Ending	Active	Group A	Averages
December 31,	Members	Age	Service	December 31,	Members	Age	Service
2007	3,247	34.2	0.2	2032	31,230	41.3	8.0
2008	5,895	34.5	0.6	2033	31,454	41.4	8.2
2009	8,146	34.9	0.9	2034	31,645	41.6	8.3
2010	10,177	35.2	1.3	2035	31,807	41.7	8.5
2011	12,033	35.6	1.7	2036	31,943	41.8	8.6
2012	13,810	35.9	2.0	2037	32,058	41.9	8.7
2013	15,470	36.3	2.3	2038	32,154	41.9	8.8
2014	17,059	36.6	2.7	2039	32,233	42.0	8.9
2015	18,549	37.0	3.0	2040	32,299	42.0	9.0
2016	19,956	37.3	3.4	2041	32,352	42.1	9.0
2017	21,239	37.7	3.7	2042	32,395	42.1	9.1
2018	22,416	38.0	4.1	2043	32,429	42.1	9.1
2019	23,502	38.3	4.4	2044	32,455	42.1	9.1
2020	24,511	38.6	4.7	2045	32,476	42.1	9.2
2021	25,440	38.9	5.1	2046	32,491	42.1	9.2
2022	26,284	39.2	5.4	2047	32,503	42.1	9.2
2023	27,052	39.4	5.7	2048	32,512	42.1	9.2
2024	27,746	39.7	6.0	2049	32,518	42.1	9.2
2025	28,375	39.9	6.3	2050	32,522	42.1	9.2
2026	28,947	40.2	6.5	2051	32,525	42.1	9.2
2027	29,453	40.4	6.8	2052	32,526	42.1	9.2
2028	29,900	40.6	7.1	2053	32,528	42.1	9.2
2029	30,299	40.8	7.3	2054	32,528	42.1	9.2
2030	30,653	41.0	7.6	2055	32,529	42.1	9.2
2031	30,965	41.2	7.8	2056	32,529	42.1	9.1

### TABLE 17 MERS TOTAL ACTIVE MEMBERS GROUP AVERAGES 2007-2056

	Total		Gr	oup Averag	es		Total		Gr	oup Averag	jes
Year Ending	Active				Pay	Year Ending	Active				Pay
December 31,	Members	Age	Service	Inflated	2007 Dollars	December 31,	Members	Age	Service	Inflated	2007 Dollars
2007	36,486	44.90	11.20	\$ 43,707	\$ 43,707	2032	32,606	42.00	9.00	\$125,816	\$ 41,863
2008	36,156	44.80	11.20	45,525	43,565	2033	32,588	42.00	9.00	131,535	41,881
2009	35,844	44.70	11.10	47,415	43,419	2034	32,574	42.10	9.00	137,514	41,899
2010	35,547	44.60	11.10	49,349	43,244	2035	32,563	42.10	9.10	143,758	41,916
2011	35,265	44.40	10.90	51,365	43,073	2036	32,554	42.10	9.10	150,278	41,930
2012	34,991	44.10	10.80	53,455	42,895	2037	32,547	42.10	9.10	157,079	41,940
2013	34,734	43.90	10.60	55,648	42,732	2038	32,542	42.10	9.20	164,180	41,948
2014	34,494	43.70	10.40	57,943	42,578	2039	32,539	42.20	9.20	171,589	41,953
2015	34,271	43.40	10.30	60,348	42,436	2040	32,536	42.20	9.20	179,321	41,956
2016	34,064	43.20	10.10	62,887	42,317	2041	32,534	42.20	9.20	187,396	41,957
2017	33,873	43.00	9.90	65,558	42,215	2042	32,532	42.20	9.20	195,827	41,957
2018	33,699	42.80	9.70	68,369	42,129	2043	32,531	42.20	9.20	204,629	41,955
2019	33,543	42.60	9.60	71,323	42,057	2044	32,530	42.20	9.20	213,820	41,951
2020	33,401	42.50	9.40	74,416	41,991	2045	32,530	42.20	9.20	223,417	41,947
2021	33,273	42.30	9.30	77,660	41,934	2046	32,530	42.20	9.20	233,439	41,941
2022	33,159	42.20	9.20	81,068	41,889	2047	32,529	42.20	9.20	243,908	41,935
2023	33,057	42.10	9.10	84,639	41,851	2048	32,529	42.20	9.20	254,844	41,928
2024	32,969	42.10	9.00	88,390	41,824	2049	32,529	42.10	9.20	266,271	41,922
2025	32,891	42.00	9.00	92,323	41,804	2050	32,529	42.10	9.20	278,213	41,916
2026	32,827	42.00	8.90	96,441	41,788	2051	32,529	42.10	9.20	290,692	41,910
2027	32,772	41.90	8.90	100,779	41,787	2052	32,529	42.10	9.20	303,736	41,905
2028	32,725	41.90	8.90	105,331	41,794	2053	32,529	42.10	9.20	317,371	41,900
2029	32,687	41.90	8.90	110,102	41,806	2054	32,529	42.10	9.20	331,625	41,897
2030	32,654	42.00	8.90	115,106	41,824	2055	32,529	42.10	9.20	346,526	41,894
2031	32,627	42.00	8.90	120,348	41,845	2056	32,529	42.10	9.10	362,102	41,892

Average pay in year 2007 dollars provides a constant measure of purchasing power. In 2056, a participant earning a pay of \$362,102 will be in the same relative financial position as the average participant today (based on 4.5% annual wage inflation).

CHART 7 ACTIVE POPULATION - PRESENT AND FUTURE

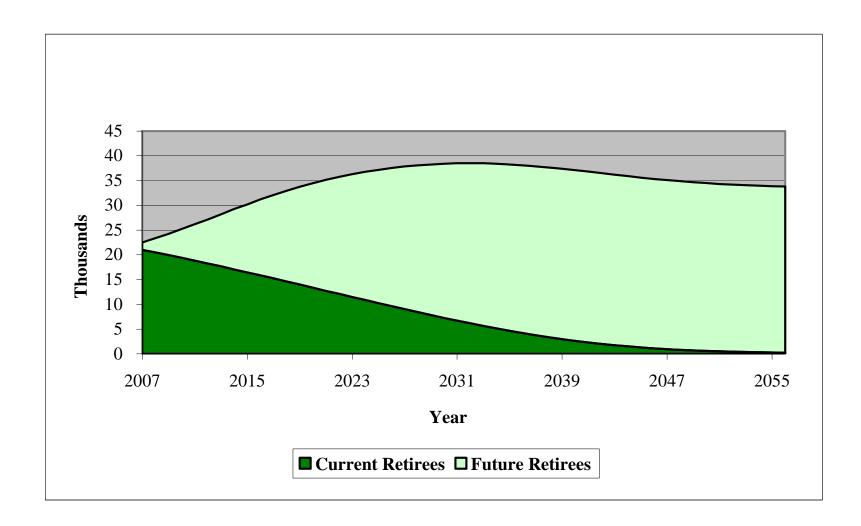


### TABLE 18MERS RETIREE POPULATION2007-2056

Year Ending	R	etired Membe	ers	Year Ending	R	etired Membe	ers
December 31,	Present	Future	Total	December 31,	Present	Future	Total
2007	20,980	1,510	22,491	2032	6,153	32,377	38,530
2008	20,474	2,878	23,352	2033	5,627	32,866	38,493
2009	19,941	4,289	24,230	2034	5,121	33,278	38,400
2010	19,392	5,790	25,182	2035	4,638	33,621	38,259
2011	18,826	7,327	26,153	2036	4,179	33,894	38,073
2012	18,249	8,924	27,173	2037	3,746	34,125	37,870
2013	17,663	10,533	28,196	2038	3,339	34,303	37,643
2014	17,063	12,180	29,244	2039	2,961	34,426	37,387
2015	16,458	13,746	30,205	2040	2,611	34,495	37,107
2016	15,848	15,338	31,186	2041	2,290	34,517	36,807
2017	15,231	16,859	32,090	2042	1,999	34,496	36,495
2018	14,611	18,349	32,960	2043	1,735	34,457	36,193
2019	13,986	19,750	33,736	2044	1,500	34,395	35,895
2020	13,360	21,097	34,457	2045	1,291	34,319	35,609
2021	12,730	22,401	35,131	2046	1,106	34,237	35,344
2022	12,103	23,622	35,726	2047	946	34,152	35,098
2023	11,478	24,818	36,295	2048	806	34,063	34,870
2024	10,854	25,930	36,784	2049	687	33,977	34,664
2025	10,234	26,946	37,180	2050	585	33,896	34,480
2026	9,621	27,932	37,553	2051	498	33,820	34,317
2027	9,016	28,835	37,851	2052	425	33,751	34,175
2028	8,419	29,633	38,052	2053	363	33,690	34,053
2029	7,832	30,410	38,242	2054	312	33,638	33,950
2030	7,257	31,152	38,410	2055	269	33,596	33,865
2031	6,697	31,808	38,505	2056	233	33,563	33,796

The present retiree group changes more gradually than the active member group. Just over half of the present retiree group is expected to be still drawing benefits after 18 years.

CHART 8 MERS RETIREE POPULATION - PRESENT AND FUTURE

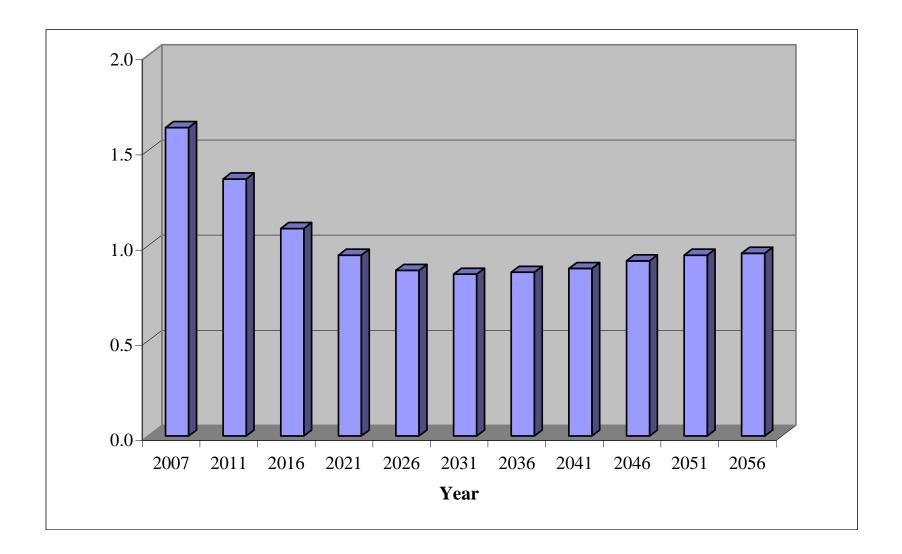


Year Ending December 31,	Active Members	Retired Members	Actives per Retiree	Year Ending December 31,	Active Members	Retired Members	Actives per Retiree
2007	36,486	22,491	1.62	2032	32,606	38,530	0.85
2008	36,156	23,352	1.55	2033	32,588	38,493	0.85
2009	35,844	24,230	1.48	2034	32,574	38,400	0.85
2010	35,547	25,182	1.41	2035	32,563	38,259	0.85
2011	35,265	26,153	1.35	2036	32,554	38,073	0.86
2012	34,991	27,173	1.29	2037	32,547	37,870	0.86
2013	34,734	28,196	1.23	2038	32,542	37,643	0.86
2014	34,494	29,244	1.18	2039	32,539	37,387	0.87
2015	34,271	30,205	1.13	2040	32,536	37,107	0.88
2016	34,064	31,186	1.09	2041	32,534	36,807	0.88
2017	33,873	32,090	1.06	2042	32,532	36,495	0.89
2018	33,699	32,960	1.02	2043	32,531	36,193	0.90
2019	33,543	33,736	0.99	2044	32,530	35,895	0.91
2020	33,401	34,457	0.97	2045	32,530	35,609	0.91
2021	33,273	35,131	0.95	2046	32,530	35,344	0.92
2022	33,159	35,726	0.93	2047	32,529	35,098	0.93
2023	33,057	36,295	0.91	2048	32,529	34,870	0.93
2024	32,969	36,784	0.90	2049	32,529	34,664	0.94
2025	32,891	37,180	0.88	2050	32,529	34,480	0.94
2026	32,827	37,553	0.87	2051	32,529	34,317	0.95
2027	32,772	37,851	0.87	2052	32,529	34,175	0.95
2028	32,725	38,052	0.86	2053	32,529	34,053	0.96
2029	32,687	38,242	0.85	2054	32,529	33,950	0.96
2030	32,654	38,410	0.85	2055	32,529	33,865	0.96
2031	32,627	38,505	0.85	2056	32,529	33,796	0.96

TABLE 19RATIO OF ACTIVE MEMBERS TO RETIREES 2007-2056

The ratio of active members to retirees (A/R) is expected to decline steadily until it reaches a level of about 1.0. This is a reasonable result, given the mixture of retirement conditions in MERS. Note that the ratio dips temporarily to 0.85 as a result of the closed division members moving out of active employment into retirement.

CHART 9 RATIO OF ACTIVE MEMBERS TO RETIREES



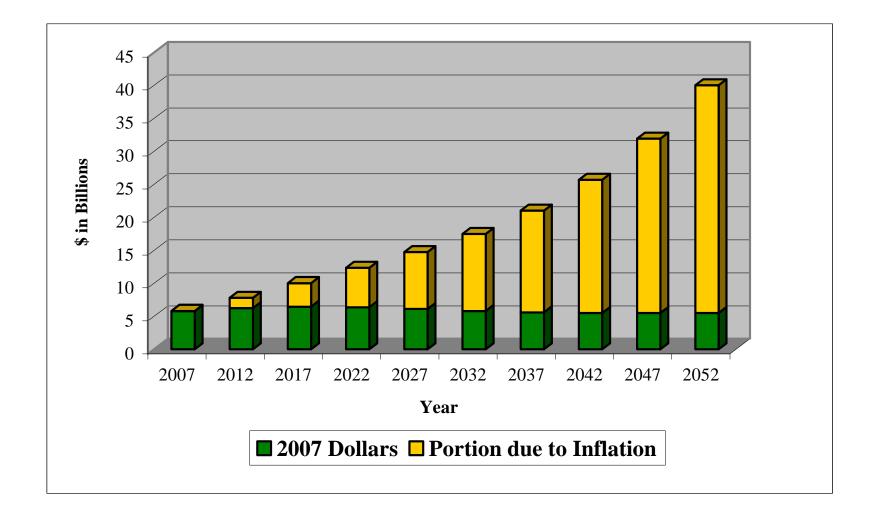
### **CASH FLOW PROJECTIONS**

As the retirement system matures, how will the relationship between contributions, benefit payments and investment return be affected? This section explores the expected emerging patterns over the next half century.

## TABLE 20BASE PROJECTION50-YEAR FUND PROJECTIONBASED ON VALUATION ASSUMPTIONS (\$ IN MILLIONS)

	Assets		Contril	outions					
Year Ending	Beginning	Employer	UAAL	Member		Benefit	Investment	Assets	End of Year
December 31,	of Year	Normal Cost	Payment	Contribution	Total	Payments	Income	Inflated	2007 Dollars
2007	\$ 5,466	\$125	\$89	\$ 46	\$ 260	\$ 344	\$ 434	\$ 5,816	\$5,816
2008	5,816	128	98	48	275	366	462	6,186	5,920
2009	6,186	132	104	50	286	392	491	6,570	6,016
2010	6,570	136	110	52	297	421	521	6,967	6,105
2011	6,967	140	117	53	310	452	552	7,376	6,186
2012	7,376	144	124	55	323	486	584	7,798	6,257
2013	7,798	148	130	57	336	521	616	8,229	6,319
2014	8,229	152	137	59	349	559	650	8,669	6,370
2015	8,669	157	146	62	365	597	684	9,121	6,414
2016	9,121	162	153	64	380	637	719	9,583	6,448
2017	9,583	168	153	67	388	678	755	10,047	6,470
2018	10,047	174	150	69	392	718	791	10,512	6,478
2019	10,512	180	146	72	398	759	827	10,978	6,473
2020	10,978	186	141	75	402	800	862	11,443	6,457
2021	11,443	193	135	78	406	841	898	11,906	6,429
2022	11,906	201	130	81	412	883	934	12,369	6,391
2023	12,369	209	126	85	419	924	969	12,833	6,346
2024	12,833	217	122	88	428	965	1,005	13,301	6,294
2025	13,301	226	120	92	438	1,005	1,041	13,774	6,237
2026	13,774	235	118	96	449	1,045	1,078	14,256	6,177
2027	14,256	245	116	100	461	1,085	1,116	14,748	6,115
2028	14,748	256	115	105	475	1,123	1,154	15,255	6,053
2029	15,255	267	114	110	490	1,159	1,194	15,779	5,991
2030	15,779	278	114	114	506	1,196	1,235	16,324	5,931
2031	16,324	291	113	120	523	1,232	1,278	16,893	5,874
2032	16,893	303	113	125	542	1,267	1,322	17,490	5,819
2033	17,490	317	113	131	561	1,303	1,370	18,117	5,769
2034	18,117	331	113	137	581	1,338	1,419	18,780	5,722
2035	18,780	346	114	143	602	1,373	1,472	19,480	5,680
2036	19,480	361	114	149	624	1,409	1,527	20,222	5,642
2037	20,222	377	115	156	648	1,447	1,586	21,009	5,609
2038	21,009	394	115	163	672	1,486	1,648	21,843	5,581
2039	21,843	411	116	170	698	1,527	1,714	22,728	5,557
2040	22,728	430	116	178	724	1,570	1,784	23,666	5,537
2041	23,666	449	117	186	752	1,616	1,859	24,661	5,521
2042	24,661	469	118	194	781	1,665	1,937	25,714	5,509
2043	25,714	490	118	203	811	1,717	2,021	26,829	5,501
2044	26,829	512	119	212	843	1,773	2,109	28,008	5,495
2045	28,008	535	120	222	876	1,833	2,202	29,253	5,492
2046	29,253	558	120	232	910	1,898	2,301	30,566	5,492
2047	30,566	583	121	242	946	1,967	2,404	31,950	5,493
2048	31,950	609	121	253	984	2,040	2,514	33,407	5,496
2049	33,407	637	122	264	1,023	2,119	2,629	34,939	5,501
2050	34,939	665	122	276	1,064	2,203	2,750	36,549	5,507
2051	36,549	695	122	289	1,106	2,292	2,876	38,240	5,513
2052	38,240	726	123	301	1,150	2,386	3,010	40,013	5,520
2053	40,013	759	123	315	1,197	2,486	3,150	41,874	5,528
2054	41,874	793	123	329	1,245	2,591	3,296	43,823	5,537
2055	43,823	829	123	344	1,295	2,702	3,450	45,866	5,545
2056	45,866	866	122	359	1,348	2,819	3,610	48,006	5,554

#### CHART 10 BASE PROJECTION PROJECTED TRUST FUND ASSETS

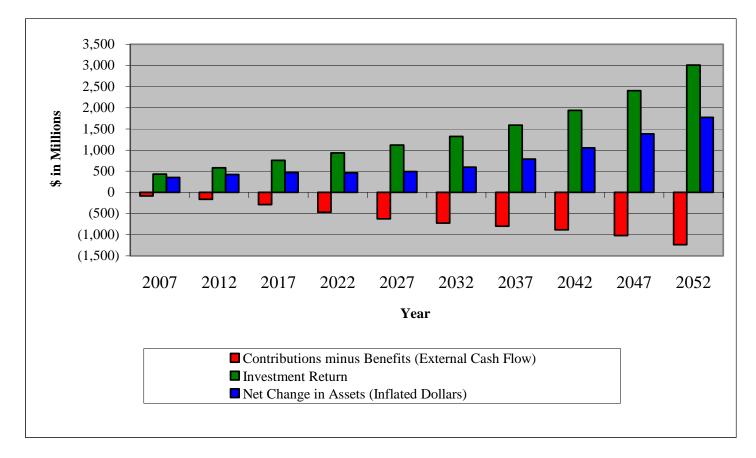


# TABLE 21BASE PROJECTIONPROJECTED NON-INVESTMENT CASH FLOW2007-2056 (\$ IN MILLIONS)

Year Ending	External	Cash Flow	Net Externa	al Cash Flow	Year Ending	External	Cash Flow	Net Extern	al Cash Flow
December 31,	Inflow	Outflow	Dollars	% of Assets	December 31,	Inflow	Outflow	Dollars	% of Assets
2007	\$260	\$ 344	\$ (84)	-1.53%	2032	\$ 542	\$1,267	\$ (726)	-4.30%
2008	275	366	(92)	-1.58%	2033	561	1,303	(742)	-4.24%
2009	286	392	(107)	-1.72%	2034	581	1,338	(757)	-4.18%
2010	297	421	(124)	-1.89%	2035	602	1,373	(771)	-4.11%
2011	310	452	(142)	-2.04%	2036	624	1,409	(785)	-4.03%
2012	323	486	(162)	-2.20%	2037	648	1,447	(799)	-3.95%
2013	336	521	(186)	-2.38%	2038	672	1,486	(814)	-3.87%
2014	349	559	(210)	-2.55%	2039	698	1,527	(829)	-3.80%
2015	365	597	(232)	-2.68%	2040	724	1,570	(846)	-3.72%
2016	380	637	(258)	-2.82%	2041	752	1,616	(864)	-3.65%
2017	388	678	(290)	-3.03%	2042	781	1,665	(884)	-3.58%
2018	392	718	(326)	-3.24%	2043	811	1,717	(906)	-3.52%
2019	398	759	(361)	-3.43%	2044	843	1,773	(930)	-3.47%
2020	402	800	(397)	-3.62%	2045	876	1,833	(957)	-3.42%
2021	406	841	(435)	-3.80%	2046	910	1,898	(987)	-3.38%
2022	412	883	(471)	-3.95%	2047	946	1,967	(1,021)	-3.34%
2023	419	924	(505)	-4.08%	2048	984	2,040	(1,057)	-3.31%
2024	428	965	(538)	-4.19%	2049	1,023	2,119	(1,096)	-3.28%
2025	438	1,005	(568)	-4.27%	2050	1,064	2,203	(1,139)	-3.26%
2026	449	1,045	(597)	-4.33%	2051	1,106	2,292	(1,186)	-3.25%
2027	461	1,085	(623)	-4.37%	2052	1,150	2,386	(1,236)	-3.23%
2028	475	1,123	(647)	-4.39%	2053	1,197	2,486	(1,289)	-3.22%
2029	490	1,159	(669)	-4.39%	2054	1,245	2,591	(1,346)	-3.22%
2030	506	1,196	(690)	-4.37%	2055	1,295	2,702	(1,407)	-3.21%
2031	523	1,232	(708)	-4.34%	2056	1,348	2,819	(1,471)	-3.21%

The net external cash flow is currently in a negative position (i.e., benefits paid are more than contributions received). It is expected to become more negative over the next 50 years. Investment return is needed to pay benefits (a natural result from level contribution financing). Long range, the 3.5% annual real investment return (return in excess of inflation) will be needed to pay benefits. The remainder of investment return (the inflation portion--4.5% in this projection) is needed to preserve the purchasing power of the assets.

### CHART 11 BASE PROJECTION PROJECTED NET CHANGE IN ASSETS AMOUNTS OF INFLATED DOLLARS



The results shown in the above chart do not show changes of constant value, because amounts of change are inflated dollar amounts. The Net Change in Assets, the blue bars, indicate perpetual additions to trust fund assets. While this is true (and necessary) in inflated dollars, it is not true in terms of constant value. Constant value changes are shown by the chart on page 45.

#### TABLE 22

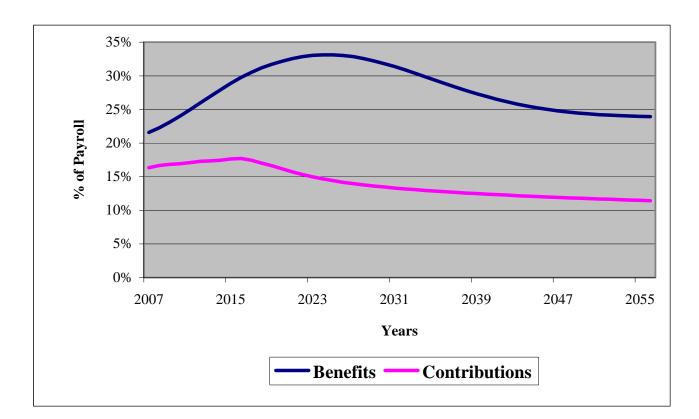
#### **BASE PROJECTION CASH FLOWS AS %'S OF PAYROLL 2007-2056**

	External C	ash Flow			External C	ash Flow	
Year Ending	Contributions	Benefits	Investment	Year Ending	Contributions	Benefits	Investment
December 31,	Received	Paid	Return	December 31,	Received	Paid	Return
2007	16.33%	21.59%	27.21%	2032	13.20%	30.89%	32.24%
2008	16.68%	22.27%	28.05%	2033	13.08%	30.39%	31.95%
2009	16.82%	23.09%	28.87%	2034	12.97%	29.87%	31.68%
2010	16.93%	24.00%	29.68%	2035	12.86%	29.33%	31.43%
2011	17.11%	24.95%	30.46%	2036	12.76%	28.80%	31.21%
2012	17.28%	25.96%	31.20%	2037	12.67%	28.30%	31.02%
2013	17.37%	26.97%	31.89%	2038	12.58%	27.81%	30.85%
2014	17.46%	27.95%	32.52%	2039	12.49%	27.35%	30.70%
2015	17.65%	28.88%	33.08%	2040	12.41%	26.92%	30.58%
2016	17.73%	29.75%	33.58%	2041	12.33%	26.51%	30.49%
2017	17.45%	30.52%	34.00%	2042	12.26%	26.14%	30.41%
2018	17.03%	31.18%	34.32%	2043	12.19%	25.80%	30.36%
2019	16.64%	31.72%	34.55%	2044	12.12%	25.49%	30.32%
2020	16.19%	32.17%	34.69%	2045	12.05%	25.22%	30.30%
2021	15.72%	32.56%	34.75%	2046	11.99%	24.99%	30.30%
2022	15.32%	32.84%	34.73%	2047	11.93%	24.79%	30.31%
2023	14.98%	33.03%	34.64%	2048	11.87%	24.61%	30.32%
2024	14.67%	33.12%	34.49%	2049	11.81%	24.47%	30.35%
2025	14.41%	33.11%	34.29%	2050	11.75%	24.34%	30.38%
2026	14.18%	33.02%	34.05%	2051	11.70%	24.24%	30.42%
2027	13.97%	32.85%	33.78%	2052	11.64%	24.15%	30.46%
2028	13.79%	32.57%	33.48%	2053	11.59%	24.08%	30.51%
2029	13.62%	32.22%	33.17%	2054	11.54%	24.02%	30.55%
2030	13.47%	31.82%	32.85%	2055	11.49%	23.97%	30.60%
2031	13.33%	31.37%	32.54%	2056	11.44%	23.93%	30.65%

This schedule demonstrates two important points:

- 1. Benefit payout continues to grow in real dollars, and
- 2. Investment return has already become the largest source of revenue for the retirement system - a natural result of level contribution financing.

CHART 12 BASE PROJECTION PROJECTED PATTERN OF CONTRIBUTION INCOME AND BENEFIT PAYOUT



## TABLE 23BASE PROJECTIONMERS PROJECTED FINANCIAL GROWTH RATES2008-2057

Year Ending	Am	nual Growth i	n:	Year Ending	Am	nual Growth i	n:
December 31,	Contributions	Benefits	Assets	December 31,	Contributions	Benefits	Assets
2008	5.43%	6.47%	6.36%	2033	3.53%	2.79%	3.59%
2009	4.14%	7.08%	6.21%	2034	3.60%	2.70%	3.65%
2010	3.90%	7.28%	6.04%	2035	3.65%	2.63%	3.73%
2011	4.32%	7.35%	5.88%	2036	3.70%	2.62%	3.81%
2012	4.32%	7.43%	5.71%	2037	3.73%	2.67%	3.89%
2013	3.84%	7.34%	5.53%	2038	3.77%	2.71%	3.97%
2014	3.97%	7.18%	5.35%	2039	3.80%	2.77%	4.05%
2015	4.58%	6.90%	5.21%	2040	3.82%	2.85%	4.13%
2016	4.04%	6.72%	5.06%	2041	3.84%	2.92%	4.20%
2017	2.07%	6.33%	4.85%	2042	3.86%	3.02%	4.27%
2018	1.25%	5.99%	4.63%	2043	3.88%	3.13%	4.34%
2019	1.43%	5.66%	4.43%	2044	3.89%	3.26%	4.39%
2020	1.12%	5.37%	4.24%	2045	3.91%	3.38%	4.45%
2021	0.94%	5.20%	4.05%	2046	3.93%	3.51%	4.49%
2022	1.37%	4.92%	3.89%	2047	3.95%	3.64%	4.53%
2023	1.74%	4.71%	3.75%	2048	3.96%	3.75%	4.56%
2024	2.06%	4.43%	3.64%	2049	3.97%	3.86%	4.59%
2025	2.34%	4.17%	3.56%	2050	3.99%	3.95%	4.61%
2026	2.57%	3.98%	3.50%	2051	3.99%	4.04%	4.63%
2027	2.80%	3.77%	3.45%	2052	4.01%	4.11%	4.64%
2028	3.00%	3.48%	3.44%	2053	4.02%	4.18%	4.65%
2029	3.15%	3.28%	3.44%	2054	4.04%	4.23%	4.66%
2030	3.28%	3.15%	3.45%	2055	4.05%	4.28%	4.66%
2031	3.39%	3.01%	3.49%	2056	4.06%	4.32%	4.67%
2032	3.45%	2.87%	3.53%	2057	4.06%	4.35%	4.67%

This schedule demonstrates that financial growth rates eventually stabilize close to the underlying assumed rate of wage inflation (4.5% for MERS).

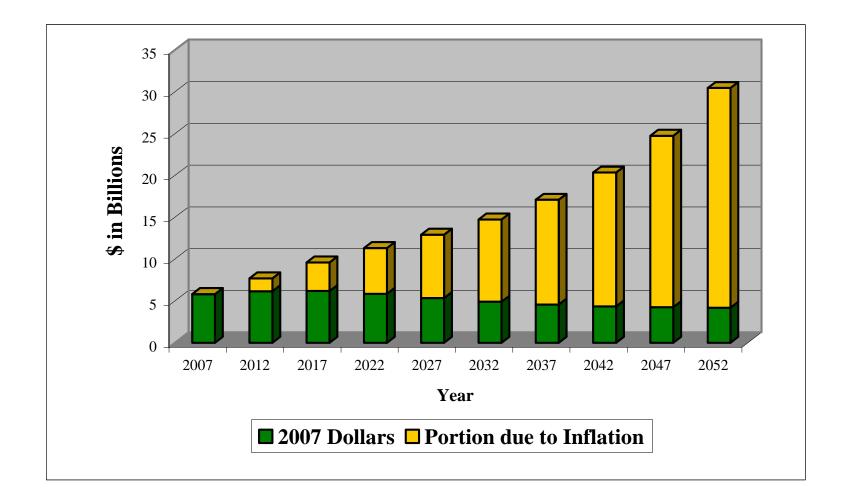
# TABLE 24BASE PROJECTIONMERS PROJECTED FUNDED RATIOS2007-2056 (\$ IN MILLIONS)

Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio	Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio
2007	\$ 5,816	\$ 7,567	76.9%	2032	\$17,490	\$19,340	90.4%
2008	6,186	7,969	77.6%	2033	18,117	19,983	90.7%
2009	6,570	8,382	78.4%	2034	18,780	20,661	90.9%
2010	6,967	8,803	79.1%	2035	19,480	21,377	91.1%
2011	7,376	9,232	79.9%	2036	20,222	22,136	91.4%
2012	7,798	9,665	80.7%	2037	21,009	22,940	91.6%
2013	8,229	10,102	81.5%	2038	21,843	23,790	91.8%
2014	8,669	10,542	82.2%	2039	22,728	24,692	92.0%
2015	9,121	10,983	83.0%	2040	23,666	25,646	92.3%
2016	9,583	11,426	83.9%	2041	24,661	26,657	92.5%
2017	10,047	11,870	84.6%	2042	25,714	27,726	92.7%
2018	10,512	12,316	85.4%	2043	26,829	28,856	93.0%
2019	10,978	12,764	86.0%	2044	28,008	30,049	93.2%
2020	11,443	13,216	86.6%	2045	29,253	31,309	93.4%
2021	11,906	13,670	87.1%	2046	30,566	32,636	93.7%
2022	12,369	14,129	87.5%	2047	31,950	34,033	93.9%
2023	12,833	14,593	87.9%	2048	33,407	35,502	94.1%
2024	13,301	15,063	88.3%	2049	34,939	37,046	94.3%
2025	13,774	15,542	88.6%	2050	36,549	38,667	94.5%
2026	14,256	16,031	88.9%	2051	38,240	40,367	94.7%
2027	14,748	16,532	89.2%	2052	40,013	42,150	94.9%
2028	15,255	17,050	89.5%	2053	41,874	44,019	95.1%
2029	15,779	17,586	89.7%	2054	43,823	45,976	95.3%
2030	16,324	18,145	90.0%	2055	45,866	48,025	95.5%
2031	16,893	18,728	90.2%	2056	48,006	50,170	95.7%

# TABLE 25ALTERNATIVE 1 PROJECTION50-YEAR FUND PROJECTION(\$ IN MILLIONS)

	Assets		Contril	outions					
Year Ending	Beginning	Employer	UAAL	Member		Benefit	Investment	Assets	End of Year
December 31,	of Year	Normal Cost	Payment	Contribution	Total	Payments	Income	Inflated	2006 Dollars
2007	\$ 5,466	\$125	\$ 89	\$ 46	\$ 260	\$ 344	\$ 434	\$ 5,816	\$5,816
2008	5,816	128	98	48	275	366	456	6,180	5,914
2009	6,180	132	104	50	286	392	478	6,552	6,000
2010	6,552	136	110	52	297	421	500	6,928	6,071
2011	6,928	140	118	53	311	452	521	7,308	6,128
2012	7,308	144	127	55	326	486	542	7,690	6,171
2013	7,690	148	135	57	340	521	562	8,071	6,198
2014	8,071	152	144	59	356	559	582	8,451	6,210
2015	8,451	157	158	62	376	597	617	8,847	6,221
2016	8,847	162	170	64	397	637	620	9,226	6,208
2017	9,226	168	175	67	409	678	636	9,594	6,178
2018	9,594	174	178	69	421	718	661	9,958	6,136
2019	9,958	180	182	72	434	759	676	10,309	6,079
2020	10,309	186	185	75	447	800	699	10,655	6,012
2021	10,655	193	187	78	459	841	722	10,994	5,937
2022	10,994	201	191	81	473	883	734	11,318	5,848
2023	11,318	209	195	85	489	924	755	11,637	5,754
2024	11,637	217	202	88	507	965	776	11,955	5,657
2025	11,955	226	209	92	527	1,005	797	12,274	5,557
2026	12,274	235	217	96	549	1,045	818	12,594	5,457
2027	12,594	245	226	100	571	1,085	839	12,920	5,357
2028	12,920	256	235	105	596	1,123	861	13,254	5,259
2029	13,254	267	245	110	621	1,159	883	13,599	5,164
2030	13,599	278	256	114	648	1,196	906	13,958	5,072
2031	13,958	291	267	120	677	1,232	930	14,333	4,984
2032	14,333	303	278	125	706	1,267	956	14,727	4,900
2033	14,727	317	290	131	737	1,303	982	15,144	4,822
2034	15,144	331	302	137	770	1,338	1,010	15,586	4,749
2035	15,586	346	315	143	803	1,373	1,040	16,057	4,682
2036	16,057	361	328	149	839	1,409	1,072	16,559	4,620
2037	16,559	377	342	156	876	1,447	1,107	17,095	4,564
2038	17,095	394	357	163	914	1,486	1,143	17,666	4,514
2039	17,666	411	372	170	954	1,527	1,182	18,275	4,468
2040	18,275	430	388	178	996	1,570	1,223	18,924	4,428
2041	18,924	449	405	186	1,040	1,616	1,267	19,615	4,392
2042	19,615	469	423	194	1,086	1,665	1,314	20,350	4,360
2043	20,350	490	441	203	1,134	1,717	1,364	21,131	4,332
2044	21,131	512	460	212	1,184	1,773	1,417	21,959	4,308
2045	21,959	535	481	222	1,237	1,833	1,473	22,835	4,287
2046	22,835	558	502	232	1,292	1,898	1,532	23,762	4,269
2047	23,762	583	524	242	1,349	1,967	1,595	24,739	4,253
2048	24,739	609	547	253	1,410	2,040	1,661	25,769	4,240
2049	25,769	637	572	264	1,473	2,119	1,730	26,853	4,228
2050	26,853	665	597	276	1,539	2,203	1,803	27,993	4,217
2051	27,993	695	624	289	1,608	2,292	1,880	29,189	4,208
2052	29,189	726	653	301	1,680	2,386	1,961	30,444	4,200
2053	30,444	759	682	315	1,756	2,486	2,045	31,759	4,193
2054	31,759	793	713	329	1,835	2,591	2,134	33,137	4,187
2055	33,137	829	746	344	1,918	2,702	2,227	34,581	4,181
2056	34,581	866	780	359	2,005	2,819	2,324	36,091	4,175

#### CHART 13 ALTERNATIVE 1 PROJECTION PROJECTED TRUST FUND ASSETS

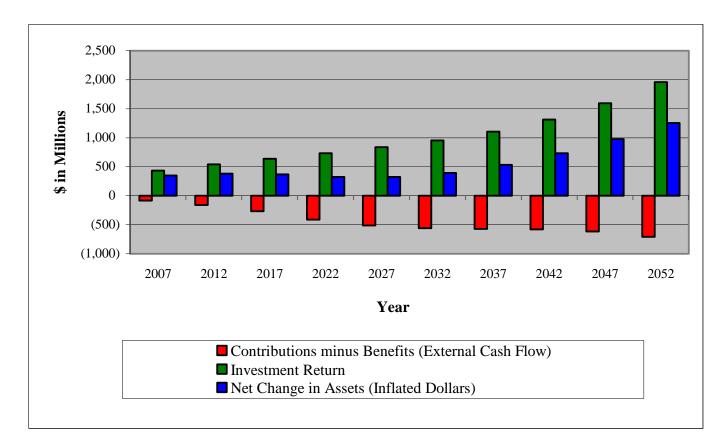


# TABLE 26ALTERNATIVE 1 PROJECTIONPROJECTED NON-INVESTMENT CASH FLOW2007-2056 (\$ IN MILLIONS)

Year Ending	External	Cash Flow	Net Externa	al Cash Flow	Year Ending	External	Cash Flow	Net External Cash Flow	
December 31,	Inflow	Outflow	Dollars		December 31,	Inflow	Outflow	Dollars	% of Assets
2007	\$260	\$ 344	\$ (84)	-1.53%	2032	\$ 706	\$1,267	\$(561)	-3.91%
2008	275	366	(92)	-1.58%	2033	737	1,303	(566)	-3.84%
2009	286	392	(107)	-1.72%	2034	770	1,338	(568)	-3.75%
2010	297	421	(124)	-1.89%	2035	803	1,373	(570)	-3.66%
2011	311	452	(141)	-2.04%	2036	839	1,409	(570)	-3.55%
2012	326	486	(160)	-2.19%	2037	876	1,447	(571)	-3.45%
2013	340	521	(181)	-2.35%	2038	914	1,486	(572)	-3.35%
2014	356	559	(202)	-2.51%	2039	954	1,527	(573)	-3.24%
2015	376	597	(221)	-2.61%	2040	996	1,570	(574)	-3.14%
2016	397	637	(241)	-2.72%	2041	1,040	1,616	(576)	-3.04%
2017	409	678	(268)	-2.91%	2042	1,086	1,665	(579)	-2.95%
2018	421	718	(298)	-3.10%	2043	1,134	1,717	(583)	-2.87%
2019	434	759	(325)	-3.26%	2044	1,184	1,773	(589)	-2.79%
2020	447	800	(353)	-3.43%	2045	1,237	1,833	(596)	-2.72%
2021	459	841	(383)	-3.59%	2046	1,292	1,898	(606)	-2.65%
2022	473	883	(410)	-3.73%	2047	1,349	1,967	(617)	-2.60%
2023	489	924	(435)	-3.85%	2048	1,410	2,040	(631)	-2.55%
2024	507	965	(458)	-3.94%	2049	1,473	2,119	(646)	-2.51%
2025	527	1,005	(478)	-4.00%	2050	1,539	2,203	(664)	-2.47%
2026	549	1,045	(497)	-4.05%	2051	1,608	2,292	(684)	-2.44%
2027	571	1,085	(513)	-4.08%	2052	1,680	2,386	(706)	-2.42%
2028	596	1,123	(527)	-4.08%	2053	1,756	2,486	(730)	-2.40%
2029	621	1,159	(538)	-4.06%	2054	1,835	2,591	(756)	-2.38%
2030	648	1,196	(548)	-4.03%	2055	1,918	2,702	(784)	-2.36%
2031	677	1,232	(555)	-3.98%	2056	2,005	2,819	(813)	-2.35%

The net external cash flow is currently in a negative position (i.e., benefits paid are more than contributions received). It is expected to become more negative over the next 50 years. Investment return is needed to pay benefits (a natural result from level contribution financing). Long range, the 2.5% annual real investment return (return in excess of inflation under Alternative 1) will be needed to pay benefits. The remainder of investment return (the inflation portion--4.5% in this projection) is needed to preserve the purchasing power of the assets.

### CHART 14 ALTERNATIVE 1 PROJECTION PROJECTED NET CHANGE IN ASSETS AMOUNTS OF INFLATED DOLLARS



The results shown in the above chart do not show changes of constant value, because amounts of change are inflated dollar amounts. The Net Change in Assets, the blue bars, indicate perpetual additions to trust fund assets. While this is true (and necessary) in inflated dollars, it is not true in terms of constant value. Constant value changes are shown by the chart on page 53.

### TABLE 27ALTERNATIVE 1 PROJECTIONCASH FLOWS AS %'S OF PAYROLL 2007-2056

	External C	ash Flow			External C	ash Flow	
Year Ending	Contributions	Benefits	Investment	Year Ending	Contributions	Benefits	Investment
December 31,	Received	Paid	Return	December 31,	Received	Paid	Return
2007	16.33%	21.59%	27.21%	2032	17.22%	30.89%	23.29%
2008	16.68%	22.27%	27.69%	2033	17.20%	30.39%	22.91%
2009	16.82%	23.09%	28.12%	2034	17.18%	29.87%	22.56%
2010	16.95%	24.00%	28.49%	2035	17.16%	29.33%	22.23%
2011	17.16%	24.95%	28.77%	2036	17.14%	28.80%	21.92%
2012	17.41%	25.96%	28.98%	2037	17.12%	28.30%	21.64%
2013	17.60%	26.97%	29.09%	2038	17.11%	27.81%	21.39%
2014	17.83%	27.95%	29.11%	2039	17.09%	27.35%	21.17%
2015	18.20%	28.88%	29.84%	2040	17.08%	26.92%	20.96%
2016	18.51%	29.75%	28.92%	2041	17.06%	26.51%	20.79%
2017	18.43%	30.52%	28.66%	2042	17.05%	26.14%	20.63%
2018	18.25%	31.18%	28.70%	2043	17.04%	25.80%	20.49%
2019	18.15%	31.72%	28.25%	2044	17.03%	25.49%	20.37%
2020	17.97%	32.17%	28.13%	2045	17.02%	25.22%	20.27%
2021	17.75%	32.56%	27.94%	2046	17.01%	24.99%	20.18%
2022	17.59%	32.84%	27.29%	2047	17.01%	24.79%	20.10%
2023	17.47%	33.03%	26.98%	2048	17.01%	24.61%	20.03%
2024	17.40%	33.12%	26.62%	2049	17.00%	24.47%	19.98%
2025	17.36%	33.11%	26.24%	2050	17.00%	24.34%	19.93%
2026	17.33%	33.02%	25.83%	2051	17.00%	24.24%	19.88%
2027	17.30%	32.85%	25.40%	2052	17.01%	24.15%	19.85%
2028	17.28%	32.57%	24.97%	2053	17.01%	24.08%	19.81%
2029	17.27%	32.22%	24.54%	2054	17.01%	24.02%	19.78%
2030	17.25%	31.82%	24.11%	2055	17.02%	23.97%	19.75%
2031	17.24%	31.37%	23.69%	2056	17.03%	23.93%	19.73%

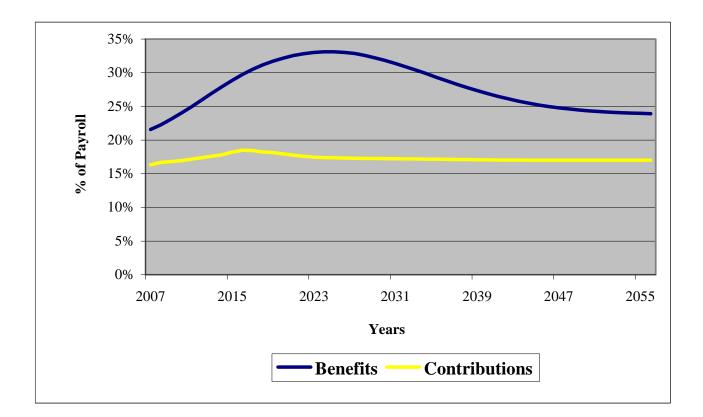
This schedule demonstrates three important points:

1. Benefit payout continues to grow in real dollars, and

2. Investment return has already become the largest source of revenue for the retirement system - - - a natural result of level contribution financing.

3. Compared to the Base Projection, under the Alternative 1 Projection more of the benefit payout comes from contributions, and less from investment return.

CHART 15 ALTERNATIVE 1 PROJECTION PROJECTED PATTERN OF CONTRIBUTION INCOME AND BENEFIT PAYOUT



## TABLE 28ALTERNATIVE 1 PROJECTIONMERS PROJECTED FINANCIAL GROWTH RATES2008-2057

Year Ending	Anı	nual Growth i	n:	Year Ending	Anı	nual Growth i	in:
December 31,	Contributions	Benefits	Assets	December 31,	Contributions	Benefits	Assets
2008	5.43%	6.47%	6.26%	2033	4.37%	2.79%	2.83%
2009	4.14%	7.08%	6.01%	2034	4.39%	2.70%	2.92%
2010	4.00%	7.28%	5.74%	2035	4.39%	2.63%	3.02%
2011	4.57%	7.35%	5.49%	2036	4.39%	2.62%	3.13%
2012	4.75%	7.43%	5.23%	2037	4.39%	2.67%	3.23%
2013	4.45%	7.34%	4.96%	2038	4.40%	2.71%	3.34%
2014	4.78%	7.18%	4.70%	2039	4.40%	2.77%	3.45%
2015	5.63%	6.90%	4.69%	2040	4.40%	2.85%	3.55%
2016	5.33%	6.72%	4.28%	2041	4.41%	2.92%	3.65%
2017	3.23%	6.33%	3.99%	2042	4.42%	3.02%	3.75%
2018	2.73%	5.99%	3.79%	2043	4.42%	3.13%	3.84%
2019	3.23%	5.66%	3.53%	2044	4.43%	3.26%	3.92%
2020	2.86%	5.37%	3.36%	2045	4.44%	3.38%	3.99%
2021	2.70%	5.20%	3.19%	2046	4.45%	3.51%	4.06%
2022	3.11%	4.92%	2.95%	2047	4.46%	3.64%	4.11%
2023	3.37%	4.71%	2.82%	2048	4.47%	3.75%	4.16%
2024	3.73%	4.43%	2.73%	2049	4.47%	3.86%	4.21%
2025	3.96%	4.17%	2.66%	2050	4.48%	3.95%	4.24%
2026	4.06%	3.98%	2.61%	2051	4.49%	4.04%	4.27%
2027	4.17%	3.77%	2.59%	2052	4.50%	4.11%	4.30%
2028	4.26%	3.48%	2.58%	2053	4.51%	4.18%	4.32%
2029	4.31%	3.28%	2.60%	2054	4.52%	4.23%	4.34%
2030	4.34%	3.15%	2.64%	2055	4.53%	4.28%	4.36%
2031	4.37%	3.01%	2.69%	2056	4.53%	4.32%	4.37%
2032	4.36%	2.87%	2.75%	2057	4.53%	4.35%	4.38%

This schedule demonstrates that financial growth rates eventually stabilize close to the underlying assumed rate of wage inflation (4.5% for MERS).

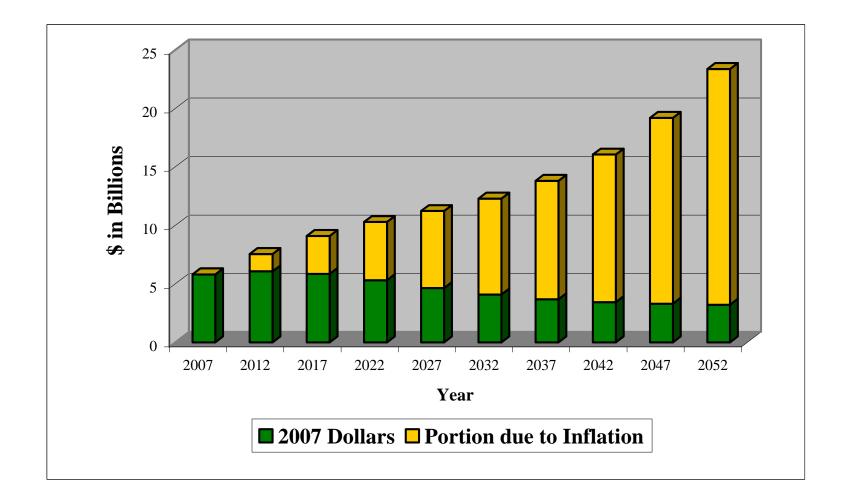
## TABLE 29ALTERNATIVE 1 PROJECTIONMERS PROJECTED FUNDED RATIOS2007-2056 (\$ IN MILLIONS)

Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio	Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio
2007	\$ 5,816	\$ 7,567	76.9%	2032	\$14,727	\$19,340	76.2%
2008	6,180	7,969	77.6%	2033	15,144	19,983	75.8%
2009	6,552	8,382	78.2%	2034	15,586	20,661	75.4%
2010	6,928	8,803	78.7%	2035	16,057	21,377	75.1%
2011	7,308	9,232	79.2%	2036	16,559	22,136	74.8%
2012	7,690	9,665	79.6%	2037	17,095	22,940	74.5%
2013	8,071	10,102	79.9%	2038	17,666	23,790	74.3%
2014	8,451	10,542	80.2%	2039	18,275	24,692	74.0%
2015	8,847	10,983	80.6%	2040	18,924	25,646	73.8%
2016	9,226	11,426	80.7%	2041	19,615	26,657	73.6%
2017	9,594	11,870	80.8%	2042	20,350	27,726	73.4%
2018	9,958	12,316	80.9%	2043	21,131	28,856	73.2%
2019	10,309	12,764	80.8%	2044	21,959	30,049	73.1%
2020	10,655	13,216	80.6%	2045	22,835	31,309	72.9%
2021	10,994	13,670	80.4%	2046	23,762	32,636	72.8%
2022	11,318	14,129	80.1%	2047	24,739	34,033	72.7%
2023	11,637	14,593	79.7%	2048	25,769	35,502	72.6%
2024	11,955	15,063	79.4%	2049	26,853	37,046	72.5%
2025	12,274	15,542	79.0%	2050	27,993	38,667	72.4%
2026	12,594	16,031	78.6%	2051	29,189	40,367	72.3%
2027	12,920	16,532	78.2%	2052	30,444	42,150	72.2%
2028	13,254	17,050	77.7%	2053	31,759	44,019	72.1%
2029	13,599	17,586	77.3%	2054	33,137	45,976	72.1%
2030	13,958	18,145	76.9%	2055	34,581	48,025	72.0%
2031	14,333	18,728	76.5%	2056	36,091	50,170	71.9%

# TABLE 30ALTERNATIVE 2 PROJECTION50-YEAR FUND PROJECTION(\$ IN MILLIONS)

	Assets		Contri	ibutions					
Year Ending	Beginning	Employer	UAAL	Member		Benefit	Investment	Assets 1	End of Year
December 31,	of Year	Normal Cost	Payment	Contribution	Total	Payments	Income	Inflated	2006 Dollars
2007	\$ 5,466	\$ 125	\$ 89	\$ 46	\$ 260	\$ 344	\$ 429	\$ 5,811	\$5,811
2008	5,811	128	98	48	275	366	444	6,163	5,898
2009	6,163	132	104	50	286	392	458	6,515	5,966
2010	6,515	136	111	52	298	421	471	6,863	6,014
2011	6,863	140	120	53	313	452	489	7,213	6,049
2012	7,213	144	131	55	330	486	499	7,557	6,064
2013	7,557	148	141	57	346	521	508	7,890	6,059
2014	7,890	152	154	59	366	559	514	8,212	6,034
2015	8,212	157	171	62	390	597	527	8,531	5,999
2016	8,531	162	189	64	415	637	514	8,823	5,937
2017	8,823	168	200	67	434	678	522	9,101	5,860
2018	9,101	174	209	69	452	718	529	9,364	5,770
2019	9,364	180	221	72	473	759	535	9,613	5,669
2020	9,613	186	232	75	493	800	549	9,855	5,561
2021	9,855	193	241	78	513	841	552	10,079	5,442
2022	10,079	201	252	81	534	883	555	10,285	5,315
2023	10,285	209	265	85	558	924	566	10,485	5,185
2024	10,485	217	279	88	585	965	566	10,671	5,049
2025	10,671	226	295	92	613	1,005	576	10,855	4,915
2026	10,855	235	312	96	644	1,045	586	11,039	4,783
2027	11,039	245	330	100	675	1,085	596	11,225	4,654
2028	11,225	256	348	105	709	1,123	606	11,417	4,530
2029	11,417	267	367	110	743	1,159	617	11,617	4,411
2030	11,617	278	386	114	779	1,196	627	11,828	4,298
2031	11,828	291	406	120	816	1,232	639	12,051	4,190
2032	12,051	303	426	125	855	1,267	651	12,290	4,089
2033	12,290	317	447	131	895	1,303	665	12,547	3,995
2034	12,547	331	469	137	936	1,338	679	12,825	3,908
2035	12,825	346	491	143	980	1,373	695	13,126	3,827
2036	13,126	361	514	149	1,025	1,409	711	13,453	3,754
2037	13,453	377	538	156	1,071	1,447	730	13,807	3,686
2038	13,807	394	563	163	1,120	1,486	749	14,190	3,626
2039	14,190	411	589	170	1,171	1,527	771	14,605	3,571
2040	14,605	430	616	178	1,223	1,570	794	15,052	3,522
2041	15,052	449	644	186	1,279	1,616	819	15,532	3,478
2042	15,532	469	673	194	1,336	1,665	845	16,049	3,439
2043	16,049	490	703	203	1,396	1,717	874	16,602	3,404
2044	16,602	512	735	212	1,459	1,773	904	17,192	3,373
2045	17,192	535	769	222	1,525	1,833	937	17,821	3,346
2046	17,821	558	804	232	1,594	1,898	972	18,489	3,322
2047	18,489	583	840	242	1,666	1,967	1,009	19,197	3,301
2048	19,197	609	879	253	1,741	2,040	1,048	19,945	3,282
2049	19,945	637	919	264	1,820	2,119	1,089	20,735	3,265
2050	20,735	665	961	276	1,903	2,203	1,132	21,567	3,249
2051	21,567	695	1,005	289	1,989	2,292	1,178	22,442	3,235
2052	22,442	726	1,052	301	2,080	2,386	1,226	23,361	3,223
2053	23,361	759	1,100	315	2,174	2,486	1,276	24,325	3,212
2054	24,325	793	1,151	329	2,274	2,591	1,329	25,337	3,201
2055	25,337	829	1,205	344	2,377	2,702	1,385	26,397	3,191
2056	26,397	866	1,261	359	2,486	2,819	1,443	27,507	3,182

### CHART 16 ALTERNATIVE 2 PROJECTION PROJECTED TRUST FUND ASSETS

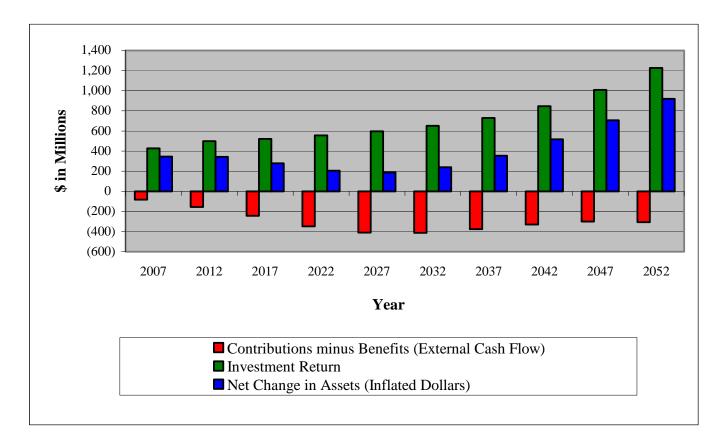


# TABLE 31ALTERNATIVE 2 PROJECTIONPROJECTED NON-INVESTMENT CASH FLOW2007-2056 (\$ IN MILLIONS)

Year Ending	External	Cash Flow	Net Externa	al Cash Flow	Year Ending	External	Cash Flow	Net Extern	al Cash Flow
December 31,	Inflow	Outflow	Dollars	% of Assets	December 31,	Inflow	Outflow	Dollars	% of Assets
2007	\$ 260	\$ 344	\$ (84)	-1.53%	2032	\$ 855	\$1,267	\$(413)	-3.42%
2008	275	366	(92)	-1.58%	2033	895	1,303	(408)	-3.32%
2009	286	392	(106)	-1.73%	2034	936	1,338	(401)	-3.20%
2010	298	421	(123)	-1.88%	2035	980	1,373	(393)	-3.07%
2011	313	452	(139)	-2.02%	2036	1,025	1,409	(385)	-2.93%
2012	330	486	(156)	-2.16%	2037	1,071	1,447	(375)	-2.79%
2013	346	521	(175)	-2.31%	2038	1,120	1,486	(366)	-2.65%
2014	366	559	(193)	-2.45%	2039	1,171	1,527	(356)	-2.51%
2015	390	597	(207)	-2.53%	2040	1,223	1,570	(347)	-2.38%
2016	415	637	(222)	-2.61%	2041	1,279	1,616	(338)	-2.24%
2017	434	678	(244)	-2.76%	2042	1,336	1,665	(329)	-2.12%
2018	452	718	(266)	-2.92%	2043	1,396	1,717	(321)	-2.00%
2019	473	759	(286)	-3.05%	2044	1,459	1,773	(314)	-1.89%
2020	493	800	(306)	-3.19%	2045	1,525	1,833	(308)	-1.79%
2021	513	841	(329)	-3.33%	2046	1,594	1,898	(304)	-1.70%
2022	534	883	(348)	-3.46%	2047	1,666	1,967	(301)	-1.63%
2023	558	924	(366)	-3.56%	2048	1,741	2,040	(299)	-1.56%
2024	585	965	(381)	-3.63%	2049	1,820	2,119	(299)	-1.50%
2025	613	1,005	(392)	-3.67%	2050	1,903	2,203	(300)	-1.45%
2026	644	1,045	(402)	-3.70%	2051	1,989	2,292	(303)	-1.40%
2027	675	1,085	(409)	-3.71%	2052	2,080	2,386	(307)	-1.37%
2028	709	1,123	(414)	-3.69%	2053	2,174	2,486	(312)	-1.33%
2029	743	1,159	(416)	-3.65%	2054	2,274	2,591	(318)	-1.31%
2030	779	1,196	(417)	-3.59%	2055	2,377	2,702	(325)	-1.28%
2031	816	1,232	(416)	-3.51%	2056	2,486	2,819	(332)	-1.26%

The net external cash flow is currently in a negative position (i.e., benefits paid are more than contributions received). It is expected to become more negative over the next 25 years. The following 25 years the contributions have to increase (due to the low investment return under Alternative 2), so the net external cash flow becomes less negative. Investment return is needed to pay benefits (a natural result from level contribution financing). Long range, the 1.5% annual real investment return (return in excess of inflation under Alternative 2) will be needed to pay benefits. The remainder of investment return (the inflation portion--4.5% in this projection) is needed to preserve the purchasing power of the assets.

### CHART 17 ALTERNATIVE 2 PROJECTION PROJECTED NET CHANGE IN ASSETS AMOUNTS OF INFLATED DOLLARS



The results shown in the above chart do not show changes of constant value, because amounts of change are inflated dollar amounts. The Net Change in Assets, the blue bars, indicate perpetual additions to trust fund assets. While this is true (and necessary) in inflated dollars, it is not true in terms of constant value. Constant value changes are shown by the chart on page 61.

### TABLE 32ALTERNATIVE 2 PROJECTIONCASH FLOWS AS %'S OF PAYROLL 2007-2056

	External C	ash Flow			External C	ash Flow	
Year Ending	Contributions	Benefits	Investment	Year Ending	Contributions	Benefits	Investment
December 31,	Received	Paid	Return	December 31,	Received	Paid	Return
2007	16.33%	21.59%	26.87%	2032	20.84%	30.89%	15.88%
2008	16.68%	22.27%	26.97%	2033	20.87%	30.39%	15.51%
2009	16.84%	23.09%	26.96%	2034	20.90%	29.87%	15.16%
2010	17.00%	24.00%	26.86%	2035	20.93%	29.33%	14.84%
2011	17.28%	24.95%	27.00%	2036	20.94%	28.80%	14.54%
2012	17.63%	25.96%	26.70%	2037	20.95%	28.30%	14.27%
2013	17.92%	26.97%	26.28%	2038	20.96%	27.81%	14.02%
2014	18.30%	27.95%	25.74%	2039	20.97%	27.35%	13.80%
2015	18.85%	28.88%	25.48%	2040	20.97%	26.92%	13.60%
2016	19.37%	29.75%	23.98%	2041	20.97%	26.51%	13.43%
2017	19.55%	30.52%	23.51%	2042	20.98%	26.14%	13.27%
2018	19.63%	31.18%	22.97%	2043	20.98%	25.80%	13.13%
2019	19.78%	31.72%	22.36%	2044	20.98%	25.49%	13.00%
2020	19.84%	32.17%	22.07%	2045	20.98%	25.22%	12.89%
2021	19.84%	32.56%	21.38%	2046	20.99%	24.99%	12.80%
2022	19.88%	32.84%	20.63%	2047	21.00%	24.79%	12.71%
2023	19.95%	33.03%	20.22%	2048	21.00%	24.61%	12.64%
2024	20.06%	33.12%	19.43%	2049	21.01%	24.47%	12.57%
2025	20.20%	33.11%	18.97%	2050	21.02%	24.34%	12.51%
2026	20.33%	33.02%	18.51%	2051	21.03%	24.24%	12.46%
2027	20.45%	32.85%	18.04%	2052	21.05%	24.15%	12.41%
2028	20.56%	32.57%	17.58%	2053	21.06%	24.08%	12.36%
2029	20.65%	32.22%	17.13%	2054	21.08%	24.02%	12.32%
2030	20.72%	31.82%	16.69%	2055	21.09%	23.97%	12.28%
2031	20.79%	31.37%	16.28%	2056	21.11%	23.93%	12.25%

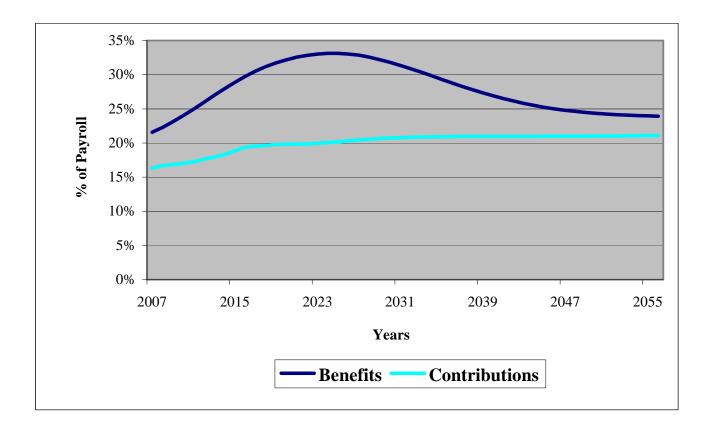
This schedule demonstrates three important points:

1. Benefit payout continues to grow in real dollars, and

2. Investment return has already become the largest source of revenue for the retirement system - - - a natural result of level contribution financing.

3. Compared to the Base Projection, under the Alternative 2 Projection much more of the benefit payout comes from contributions, and less from investment return.

CHART 18 ALTERNATIVE 2 PROJECTION PROJECTED PATTERN OF CONTRIBUTION INCOME AND BENEFIT PAYOUT



## TABLE 33ALTERNATIVE 2 PROJECTIONMERS PROJECTED FINANCIAL GROWTH RATES2008-2057

Year Ending	Anı	nual Growth i	n:	Year Ending	Anı	nual Growth i	n:
December 31,	Contributions	Benefits	Assets	December 31,	Contributions	Benefits	Assets
2008	5.43%	6.47%	6.06%	2033	4.68%	2.79%	2.09%
2009	4.23%	7.08%	5.71%	2034	4.65%	2.70%	2.21%
2010	4.23%	7.28%	5.35%	2035	4.62%	2.63%	2.35%
2011	4.96%	7.35%	5.10%	2036	4.59%	2.62%	2.49%
2012	5.33%	7.43%	4.76%	2037	4.56%	2.67%	2.63%
2013	5.07%	7.34%	4.41%	2038	4.54%	2.71%	2.78%
2014	5.54%	7.18%	4.07%	2039	4.53%	2.77%	2.92%
2015	6.60%	6.90%	3.89%	2040	4.51%	2.85%	3.06%
2016	6.47%	6.72%	3.41%	2041	4.51%	2.92%	3.19%
2017	4.58%	6.33%	3.16%	2042	4.51%	3.02%	3.32%
2018	4.19%	5.99%	2.89%	2043	4.50%	3.13%	3.45%
2019	4.64%	5.66%	2.66%	2044	4.51%	3.26%	3.56%
2020	4.22%	5.37%	2.52%	2045	4.51%	3.38%	3.66%
2021	3.95%	5.20%	2.27%	2046	4.51%	3.51%	3.75%
2022	4.22%	4.92%	2.05%	2047	4.52%	3.64%	3.83%
2023	4.47%	4.71%	1.94%	2048	4.52%	3.75%	3.90%
2024	4.72%	4.43%	1.77%	2049	4.53%	3.86%	3.96%
2025	4.93%	4.17%	1.72%	2050	4.54%	3.95%	4.01%
2026	4.95%	3.98%	1.70%	2051	4.54%	4.04%	4.06%
2027	4.93%	3.77%	1.69%	2052	4.55%	4.11%	4.10%
2028	4.91%	3.48%	1.71%	2053	4.56%	4.18%	4.13%
2029	4.87%	3.28%	1.75%	2054	4.56%	4.23%	4.16%
2030	4.83%	3.15%	1.81%	2055	4.57%	4.28%	4.18%
2031	4.79%	3.01%	1.89%	2056	4.58%	4.32%	4.21%
2032	4.72%	2.87%	1.98%	2057	4.58%	4.35%	4.23%

This schedule demonstrates that financial growth rates eventually stabilize close to the underlying assumed rate of wage inflation (4.5% for MERS).

# TABLE 34ALTERNATIVE 2 PROJECTIONMERS PROJECTED FUNDED RATIOS2007-2056 (\$ IN MILLIONS)

Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio	Year Ending December 31,	Valuation Assets	Accrued Liabilities	Funded Ratio
2007	\$ 5,811	\$ 7,567	76.8%	2032	\$12,290	\$19,340	63.6%
2008	6,163	7,969	77.3%	2033	12,547	19,983	62.8%
2009	6,515	8,382	77.7%	2034	12,825	20,661	62.1%
2010	6,863	8,803	78.0%	2035	13,126	21,377	61.4%
2011	7,213	9,232	78.1%	2036	13,453	22,136	60.8%
2012	7,557	9,665	78.2%	2037	13,807	22,940	60.2%
2013	7,890	10,102	78.1%	2038	14,190	23,790	59.6%
2014	8,212	10,542	77.9%	2039	14,605	24,692	59.1%
2015	8,531	10,983	77.7%	2040	15,052	25,646	58.7%
2016	8,823	11,426	77.2%	2041	15,532	26,657	58.3%
2017	9,101	11,870	76.7%	2042	16,049	27,726	57.9%
2018	9,364	12,316	76.0%	2043	16,602	28,856	57.5%
2019	9,613	12,764	75.3%	2044	17,192	30,049	57.2%
2020	9,855	13,216	74.6%	2045	17,821	31,309	56.9%
2021	10,079	13,670	73.7%	2046	18,489	32,636	56.7%
2022	10,285	14,129	72.8%	2047	19,197	34,033	56.4%
2023	10,485	14,593	71.9%	2048	19,945	35,502	56.2%
2024	10,671	15,063	70.8%	2049	20,735	37,046	56.0%
2025	10,855	15,542	69.8%	2050	21,567	38,667	55.8%
2026	11,039	16,031	68.9%	2051	22,442	40,367	55.6%
2027	11,225	16,532	67.9%	2052	23,361	42,150	55.4%
2028	11,417	17,050	67.0%	2053	24,325	44,019	55.3%
2029	11,617	17,586	66.1%	2054	25,337	45,976	55.1%
2030	11,828	18,145	65.2%	2055	26,397	48,025	55.0%
2031	12,051	18,728	64.3%	2056	27,507	50,170	54.8%

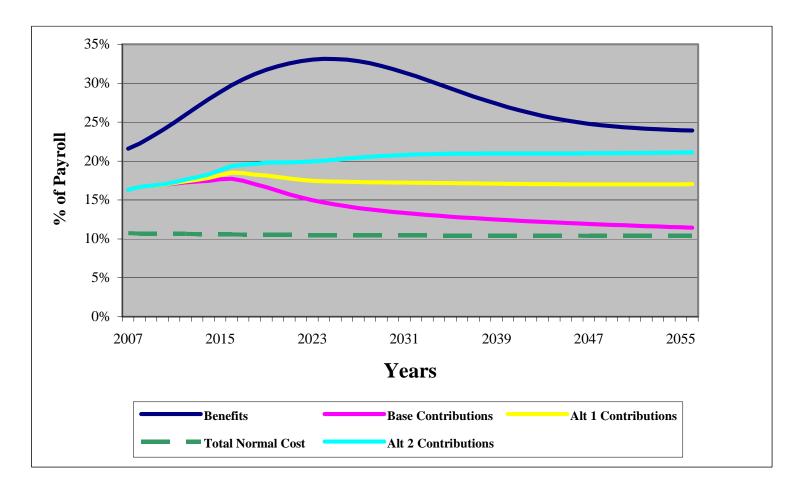
#### TABLE 35

### COMPARISON OF BASE AND ALTERNATIVE PROJECTIONS PROJECTED PATTERN OF CONTRIBUTION INCOME AND BENEFIT PAYOUT (PERCENTS OF PAYROLL)

		Base	Alternative 1	Alternative 2	Total
Year	Benefits	Contributions	Contributions	Contributions	Normal Cost*
2007	21.59%	16.33%	16.33%	16.33%	10.75%
2008	22.27%	16.68%	16.68%	16.68%	10.70%
2009	23.09%	16.82%	16.82%	16.84%	10.69%
2010	24.00%	16.93%	16.95%	17.00%	10.67%
2011	24.95%	17.11%	17.16%	17.28%	10.65%
2012	25.96%	17.28%	17.41%	17.63%	10.64%
2013	26.97%	17.37%	17.60%	17.92%	10.62%
2014	27.95%	17.46%	17.83%	18.30%	10.60%
2015	28.88%	17.65%	18.20%	18.85%	10.59%
2016	29.75%	17.73%	18.51%	19.37%	10.57%
2017	30.52%	17.45%	18.43%	19.55%	10.56%
2018	31.18%	17.03%	18.25%	19.63%	10.54%
2019	31.72%	16.64%	18.15%	19.78%	10.53%
2020	32.17%	16.19%	17.97%	19.84%	10.51%
2021	32.56%	15.72%	17.75%	19.84%	10.50%
2022	32.84%	15.32%	17.59%	19.88%	10.50%
2023	33.03%	14.98%	17.47%	19.95%	10.49%
2024	33.12%	14.67%	17.40%	20.06%	10.48%
2025	33.11%	14.41%	17.36%	20.20%	10.47%
2026	33.02%	14.18%	17.33%	20.33%	10.47%
2027	32.85%	13.97%	17.30%	20.45%	10.46%
2028	32.57%	13.79%	17.28%	20.56%	10.46%
2029	32.22%	13.62%	17.27%	20.65%	10.45%
2030	31.82%	13.47%	17.25%	20.72%	10.45%
2031	31.37%	13.33%	17.24%	20.79%	10.45%
2032	30.89%	13.20%	17.22%	20.84%	10.44%
2033	30.39%	13.08%	17.20%	20.87%	10.44%
2034	29.87%	12.97%	17.18%	20.90%	10.44%
2035	29.33%	12.86%	17.16%	20.93%	10.43%
2036	28.80%	12.76%	17.14%	20.94%	10.43%
2037	28.30%	12.67%	17.12%	20.95%	10.43%
2038	27.81%	12.58%	17.11%	20.96%	10.42%
2039	27.35%	12.49%	17.09%	20.97%	10.42%
2040	26.92%	12.41%	17.08%	20.97%	10.42%
2041	26.51%	12.33%	17.06%	20.97%	10.41%
2042	26.14%	12.26%	17.05%	20.98%	10.41%
2043	25.80%	12.19%	17.04%	20.98%	10.41%
2044	25.49%	12.12%	17.03%	20.98%	10.41%
2045	25.22%	12.05%	17.02%	20.98%	10.41%
2046	24.99%	11.99%	17.01%	20.99%	10.41%
2047	24.79%	11.93%	17.01%	21.00%	10.40%
2048	24.61%	11.87%	17.01%	21.00%	10.40%
2049	24.47%	11.81%	17.00%	21.01%	10.40%
2050	24.34%	11.75%	17.00%	21.02%	10.40%
2051	24.24%	11.70%	17.00%	21.03%	10.40%
2052	24.15%	11.64%	17.01%	21.05%	10.40%
2053	24.08%	11.59%	17.01%	21.06%	10.40%
2054	24.02%	11.54%	17.01%	21.08%	10.40%
2055	23.97%	11.49%	17.02%	21.09%	10.40%
2056	23.93%	11.44%	17.03%	21.11%	10.40%

\* Total normal cost equals the employer normal cost plus member contributions. As the plan approaches 100% funding under the Base Projection, the total contributions approach the total normal cost.

CHART 19 COMPARISON OF BASE AND ALTERNATIVE PROJECTIONS PROJECTED PATTERN OF CONTRIBUTION INCOME AND BENEFIT PAYOUT

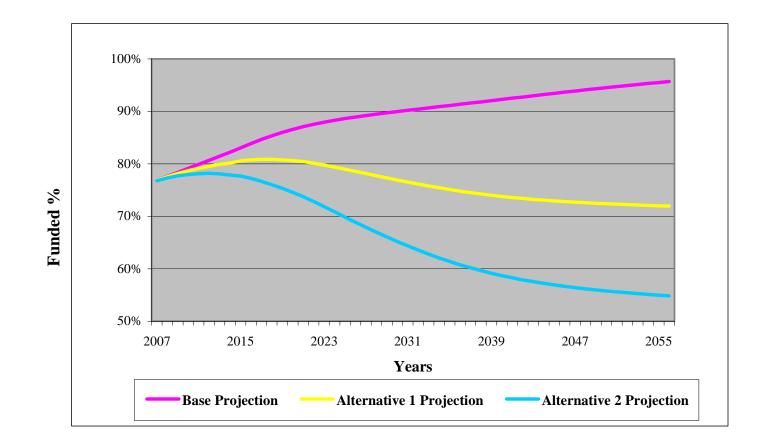


Total normal cost equals the employer normal cost plus member contributions. As the plan approaches 100% funding under the Base Projection, the total contributions approach the total normal cost.

# TABLE 36COMPARISON OF BASE AND ALTERNATIVE PROJECTIONSMERS FUNDED RATIOS

Year	Base Projection	Alternative 1 Projection	Alternative 2 Projection	Year	Base Projection	Alternative 1 Projection	Alternative 2 Projection
2007	76.9%	76.9%	76.8%	2032	90.4%	76.2%	63.6%
2008	77.6%	77.6%	77.3%	2033	90.7%	75.8%	62.8%
2009	78.4%	78.2%	77.7%	2034	90.9%	75.4%	62.1%
2010	79.1%	78.7%	78.0%	2035	91.1%	75.1%	61.4%
2011	79.9%	79.2%	78.1%	2036	91.4%	74.8%	60.8%
2012	80.7%	79.6%	78.2%	2037	91.6%	74.5%	60.2%
2013	81.5%	79.9%	78.1%	2038	91.8%	74.3%	59.6%
2014	82.2%	80.2%	77.9%	2039	92.0%	74.0%	59.1%
2015	83.0%	80.6%	77.7%	2040	92.3%	73.8%	58.7%
2016	83.9%	80.7%	77.2%	2041	92.5%	73.6%	58.3%
2017	84.6%	80.8%	76.7%	2042	92.7%	73.4%	57.9%
2018	85.4%	80.9%	76.0%	2043	93.0%	73.2%	57.5%
2019	86.0%	80.8%	75.3%	2044	93.2%	73.1%	57.2%
2020	86.6%	80.6%	74.6%	2045	93.4%	72.9%	56.9%
2021	87.1%	80.4%	73.7%	2046	93.7%	72.8%	56.7%
2022	87.5%	80.1%	72.8%	2047	93.9%	72.7%	56.4%
2023	87.9%	79.7%	71.9%	2048	94.1%	72.6%	56.2%
2024	88.3%	79.4%	70.8%	2049	94.3%	72.5%	56.0%
2025	88.6%	79.0%	69.8%	2050	94.5%	72.4%	55.8%
2026	88.9%	78.6%	68.9%	2051	94.7%	72.3%	55.6%
2027	89.2%	78.2%	67.9%	2052	94.9%	72.2%	55.4%
2028	89.5%	77.7%	67.0%	2053	95.1%	72.1%	55.3%
2029	89.7%	77.3%	66.1%	2054	95.3%	72.1%	55.1%
2030	90.0%	76.9%	65.2%	2055	95.5%	72.0%	55.0%
2031	90.2%	76.5%	64.3%	2056	95.7%	71.9%	54.8%

CHART 20 COMPARISON OF BASE AND ALTERNATIVE PROJECTIONS MERS FUNDED RATIOS



## SUMMARY OF PROJECTION METHODS AND ASSUMPTIONS

*For Present Retirees, Beneficiaries and Vested Former Members*: People are assumed to live and die in accordance with the valuation assumptions described in Section VIII of this report.

*For Present Active Employees*: The projection deals with certain specific events in a member's lifetime: retirement, quitting, dying, becoming disabled and receiving pay increases. For each future year and each event, the probability that the event occurs is determined and the financial effect (adjusted for the probability of occurrence of the event) is included in the projection. The assumptions used are described in Section VIII of this report.

*For Future Active Employees*: Future active employees are assumed to have characteristics (age, sex, pay rate) that are similar to the characteristics of current employees at the time they were hired. Specifics are shown on page 34.

*The number of active members* per division is assumed to continue at the present number, except that closed divisions are projected to have no new entrants.

*Closed divisions* with no active members that were overfunded at the beginning of the projection eventually cause the entire retirement system to appear overfunded. It is highly likely that some type of refunds will ultimately take place for these divisions. For purposes of the projections, it was assumed that \$28 million was refunded to these divisions at the beginning of the projection (January 1, 2007). The exact timing of the refunds does not materially affect the projection results. This explains why the beginning valuation assets total \$5,466 million, instead of \$5,494 million which is reported elsewhere in this report.

*The investment return rate* used in making the valuations each year was 8% per year, compounded annually (net after administrative expenses). The long term investment return rate used in the asset projections was 8% per year (based on actuarial value) in the Base Projection, 7% per year (based on market value) in the Alternative 1 Projection, and 6% per year (based on market value) in the Alternative 2 Projection. The long term real rate of return is the portion of total investment return which is more than the inflation rate. Considering wage inflation recognition of 4.5%, the 8% investment return rate translates to an assumed long term real rate of return of 3.5%, and the 6% investment return rate translates to an assumed long term real rate of return of 1.5%.

Two alternative sets of short term rates of investment return were studied, in order to gauge the impact of short term variations in return. The rates of return are shown below:

-	Rate of Return on Valuation Assets				
Year	Base Projection	Alternative 1 Projection	Alternative 2 Projection		
2007	8.0%	8.0%	7.9%		
2008	8.0	7.9	7.7		
2009	8.0	7.8	7.5		
2010	8.0	7.7	7.3		
2011	8.0	7.6	7.2		
2012	8.0	7.5	7.0		
2013	8.0	7.4	6.8		
2014	8.0	7.3	6.6		
2015	8.0	7.4	6.5		
2016	8.0	7.1	6.1		
2017	8.0	7.0	6.0		
2018	8.0	7.0	5.9		
2019	8.0	6.9	5.8		
2020	8.0	6.9	5.8		
2021	8.0	6.9	5.7		
2022	8.0	6.8	5.6		
2023	8.0	6.8	5.5		
2024 and later	8.0	6.8	5.5		

These are the projected rates of return based on the smoothed valuation assets, not the market value of assets. Remember that as of December 31, 2006 the valuation assets were equal to 98.62% of the market value of assets.

The base projection assumes that the market value "drops down" to the valuation assets in 2007 and later years, resulting in a constant 8% return on valuation assets in all years. This requires a market value return slightly below 8% during 2007, followed by 8% market returns in later years.

The Alternative 1 projection assumes that market value return will be 7% annually in 2007 and later years. The Alternative 2 projection assumes that market value return will be 6% annually in 2007 and later years. In both cases, the asset smoothing method results in a long range rate of return, based on valuation assets, that is lower than the assumed market value return. This happens because there are always built up losses compared to the 8% valuation assumption.

#### VII. SUMMARY OF PLAN PROVISIONS

The benefits summarized in this section are intended only as general information regarding the Municipal Employees' Retirement System of Michigan. They are not a substitute for Act. No. 220 of the Public Acts of 1996, and the MERS Plan Document as revised. If any conflict occurs between the information in this summary and Act. No. 220 of the Public Acts of 1996 or the MERS Plan Document, as revised, the provisions of Act. No. 220 and the MERS Plan Document govern.

#### **Eligibility for Retirement (Plan Section 10)**

Age 60 with 10 or more years of credited service (reduced to 8 or 6 years if either Benefit V-8 or V-6, respectively, is adopted).

Age 55 with 15 or more years of credited service (reduced benefit unless Benefit F55 is adopted).

Age 50 with 25 or more years of credited service (reduced benefit unless Benefit F50 is adopted).

The retirement allowance is reduced ½ of 1% for each complete month that the retirement date precedes the age at which full normal retirement benefits are available. The reduction may be partially or fully waived by adopting Benefit F55 and/or Benefit F50 and/or Benefit F(N).

#### **Optional Retirement Programs (Unreduced Benefits) (Plan Section 10)**

Benefit F50 - Age 50 with a required period of credited service of either 25 or 30 years.
Benefit F55 - Age 55 with a required period of credited service of 15, 20, 25 or 30 years.
Benefit F(N) - Any age with a required period of credited service of either 20, 21, 22, 23, 24, 25, 26, 27, 28, 29 or 30 years.

#### **Mandatory Retirement**

None.

#### **Deferred Retirement (Plan Section 12)**

Termination of membership before age 60 other than by retirement or death, after 10 years of credited service (8 or 6 years if Benefit V-8 or V-6 is adopted). Retirement allowance begins upon application and satisfaction of the eligibility requirements for retirement. The deferred retirement allowance is computed in the same manner as a service retirement allowance, based on the benefit program in effect as of the date of termination of membership.

Rights to an allowance are forfeited if the member's accumulated contributions are refunded after termination of employment.

#### Service Retirement Allowance (Plan Sections 13-19)

Credited service at time of termination of membership is multiplied by:

Benefit A	-	1.0% of a member's final average compensation (FAC). Benefit A may not be adopted after January 2, 1986.
Benefit B	-	Contact MERS office for details. Benefit B may not be adopted after January 2, 1986.
Benefit C New	-	1.3% of FAC.
Benefit C Old	-	Sum of 1.0% times the first \$4,200 of FAC, plus 1.5% times the portion of FAC over \$4,200. Benefit C Old may not be adopted after January 2, 1986.
Benefit C-1 New	-	1.5% of FAC.
Benefit C-1 Old	-	Sum of 1.2% times the first \$4,200 of FAC, plus 1.7% times the portion of FAC over \$4,200. Benefit C-1 Old may not be adopted after January 2, 1986.
Benefit B-1	-	1.7% of FAC.
Benefit C-2	-	2.0% of FAC, payable until attainment of the age at which unreduced Social Security benefits are available (currently age 65 for normal retirement, gradually increasing to age 67). Upon attainment of this age, the benefit reverts to the basic Benefit A, C New, C Old, C-1 New, C-1 Old or B-1.
Benefit B-2	-	2.0% of FAC.
Benefit B-3	-	2.25% of FAC, with a maximum benefit of 80% of FAC.
Benefit B-4	-	2.5% of FAC, with a maximum benefit of 80% of FAC.

#### Maximum Benefit Payable by MERS (Plan Section 55)

The maximum benefit that may be paid by MERS is governed by Section 415 of the Internal Revenue Code (see page 80). Benefits in excess of the maximum benefit will be paid by the MERS Excess Benefit Plan under Plan Section 55A.

#### Act 88 (Reciprocal Retirement Act, 1961 P.A. 88)

If the municipality has elected to come under the provision of Act 88, service with former and future public employers in Michigan may be used to satisfy the service eligibility conditions of MERS.

#### Final Average Compensation (Plan Sections 2A(6) and 2A(11))

MERS plan benefits are based on a member's final average compensation (FAC), subject to the dollar compensation limits under Section 401(a)(17) of the Internal Revenue Code (see page 80). For this purpose, final average compensation means one-fifth of the aggregate amount of compensation (as defined in the MERS Plan Document, Section 2A(6)) paid to a member during the period of 5 consecutive years of the member's credited service in which the aggregate compensation paid is highest, known as FAC-5. Adoption of Benefit FAC-3 results in final average compensation being averaged over 3 years, instead of 5 years.

#### **Disability Retirement Allowance (Plan Section 24)**

Total and permanent disability while employed by a participating municipality and after meeting the vesting requirement of the benefit program. The service requirement is waived if the disability is the natural and proximate result of duty-connected causes.

The allowance is computed in the same manner as a service retirement allowance, except that the reduction for retirement before age 60 is not applied.

If disability is due to duty-connected causes, the amount of the retirement allowance shall not be less than 25% of the member's final average compensation.

Adoption of optional Benefit Program D-2 will provide a retirement allowance for a duty-connected disability that is the greater of:

- (i) 25% of the member's final average compensation; or
- (ii) A benefit based on 10 years of credited service in addition to the member's actual period of service, provided the total years of service do not exceed the greater of 30 years or the member's actual period of service.

#### Non-Duty Death Allowance (Plan Sections 26 and 28)

If a member or vested former member with the minimum years of service required to be vested dies before retirement, a monthly survivor allowance may be payable.

If the member is married, the spouse is the automatic beneficiary unless the spouse, in writing, declines a benefit in favor of another named beneficiary.

A contingent survivor beneficiary (named in an Option II Contingent Beneficiary Designation form filed with MERS) will receive a retirement allowance computed in the same manner as a service retirement allowance, based on service and final average compensation at death, but reduced to reflect an Option II (100% joint and survivor) election. The reduction for retirement before age 60 is not applied. Payment of a retirement allowance to the contingent survivor beneficiary of a deceased member commences immediately. Payment of a retirement allowance to the contingent survivor beneficiary of a deceased vested former member commences on the date the member would have first satisfied eligibility for retirement with an unreduced service retirement allowance.

If there is no named beneficiary and the member leaves a spouse, the spouse will receive a survivor allowance. Payment of a retirement allowance to the surviving spouse of a deceased member commences immediately. Payment of a retirement allowance to the surviving spouse of a deceased vested former member commences on the date the member would have first satisfied eligibility for retirement for an unreduced service retirement allowance. The amount of a surviving spouse's retirement allowance shall be 85% of the deceased member's or deceased vested former member's accrued retirement allowance computed in the same manner as a service retirement allowance, based on service and final average compensation at time of death.

The amount of a surviving spouse's benefit is always the larger of i) the benefit computed as a contingent survivor beneficiary, and ii) the 85% of accrued retirement allowance benefit described above.

If there is no named beneficiary and no retirement allowance being paid to a surviving spouse, unmarried children under age 21 will be paid an equal share of 50% of the deceased member's or deceased vested former member's accrued retirement allowance. The reduction for retirement before age 60 is not applied.

If no retirement allowance becomes payable at death, the member's accumulated contributions, if any, are paid to the beneficiary or to the decedent's estate.

#### **Duty-Connected Death Allowance (Plan Section 27)**

A duty death allowance, computed in the same manner as a non-duty death allowance, may be payable to a spouse or children if death occurs as the natural and proximate result of performance of duty with a participating municipality. The vesting requirement is waived, and the minimum benefit is 25% of the deceased member's final average compensation.

Adoption of optional Benefit Program D-2 will provide a retirement allowance for a duty-connected death that is the greater of:

- (i) 25% of the member's final average compensation; or
- (ii) A benefit based on 10 years of credited service in addition to the member's actual period of service, provided the total years of service do not exceed the greater of 30 years or the member's actual period of service.

#### Member Contributions (Plan Sections 32 and 35)

Each member contributes a percent of annual compensation, as selected by the municipality, on the member's annual compensation up to the compensation limit under Section 401(a)(17) of the Internal Revenue Code (see page 80). Any percentage from 0% to 10% (in 0.1% increments) may be selected. A 3%/5% contribution program was available prior to 1985 and may be continued (until any new benefit programs are adopted), but not adopted, after 1984. Under this program the member contributes 3% of the first \$4,200 of annual compensation and 5% of portions of annual compensation over \$4,200. Interest is credited to accumulated member contributions each December 31 (and reflected in the Annual Member Statement provided to each member) at a rate determined by MERS, currently the one-year U.S. Treasury Bill rate determined as of each December 1. The interest rate credited for the 12-month period ending on the valuation date was 4.32%.

If a member leaves the employ of the municipality, or dies, without a retirement allowance or other benefit payable on his/her account, the member's accumulated contributions plus interest (as described above) are refunded with spousal consent, to the member, if living, or to the member's surviving spouse, if any, or to a named beneficiary (after spousal consent, if applicable).

Note for MERS' Defined Contribution Program (Plan Section 19A): The Annual Actuarial Valuation addresses assets and liabilities for participation under MERS' Defined Benefit Programs. MERS' Defined Contribution Program (Benefit Program DC), which first became available for adoption in late 1997, is not addressed in the valuation results as it is not a defined benefit program.

#### **Post-Retirement Adjustments (Plan Sections 20-22)**

Benefit E – provides a one-time benefit increase to present retirants and beneficiaries. The amount of the increase is equal to a fixed percentage of the present benefit, or a fixed dollar amount times the number of years since the later of retirement or the date specified in the resolution. Benefit E may be readopted from time to time.

Benefit E-1 – provides automatic 2.5% annual non-compounded benefit increases to persons (and their beneficiaries) retired before the effective date of Benefit E-1. Such increases are further limited to increases in the Consumer Price Index (CPI) if Benefit E-1 was adopted before January 1, 1999. For all adoptions or readoptions after that date, the increase is an automatic 2.5% non-compounded increase without any CPI limitation.

Benefit E-2 – provides automatic 2.5% annual non-compounded benefit increases to persons (and their beneficiaries) retired on or after the effective date of Benefit E-2. Such increases are further limited to increases in the Consumer Price Index (CPI) if Benefit E-2 was adopted before January 1, 1999. For all adoptions or readoptions after that date, the increase is an automatic 2.5% non-compounded increase without any CPI limitation.

#### Death-After-Retirement Surviving Spouse Benefit (Plan Sections 23 and 23A)

A retiring member electing form of payment SL (straight life retirement allowance) is normally paid a lifetime retirement allowance, with payments terminating at death. The retiring member could provide benefits to a surviving spouse or another named beneficiary (see below) by electing Option II (100% continuation to beneficiary) or Option II-A (75% continuation to beneficiary) or Option III (50% continuation to beneficiary). A surviving spouse is automatically the beneficiary to an Option II, IIA or III allowance unless the spouse, in writing, relinquishes the benefit to the member electing a straight life allowance or to another named beneficiary. Electing these alternate forms of payment would lower the retiring member's retirement allowance.

If Benefit Program RS50% is adopted, a member retiring on or after the effective date of Benefit RS50% may elect form of payment SL and still provide a 50% survivor benefit to the member's spouse. To be eligible for a surviving spouse benefit, the retiring member and spouse must have been married to each other both at the time of death and during the full one-year period just before retirement.

#### Municipal Employees' Retirement System of Michigan IRC Section 415(b)(1)(A) Benefit Dollar Limits - 2007

The limits are based on the retiree's age at retirement. The limit at ages 62-65 is indexed with inflation, in \$5,000 increments. The limits at earlier ages are then increased proportionately. The limit applies to the retiree's or beneficiary's employer-financed straight life benefit, except in the case of an Option II, IIA, or III election with the retiree's spouse as named beneficiary, in which case the limit applies to the employer-financed portion of the reduced joint and survivor benefit.

Age at	Concerci Employees	Police, Fire &
Retirement	General Employees	Emergency Medical#
35	\$ 31,863	\$ 180,000
36	33,689	180,000
37	35,633	180,000
38	37,704	180,000
39	39,910	180,000
40	42,265	180,000
41	44,778	180,000
42	47,464	180,000
43	50,336	180,000
44	53,412	180,000
45	56,708	180,000
46	60,244	180,000
47	64,043	180,000
48	68,129	180,000
49	72,530	180,000
50	77,276	180,000
51	82,402	180,000
52	87,947	180,000
53	93,955	180,000
54	100,477	180,000
55	107,569	180,000
56	115,297	180,000
57	123,734	180,000
58	132,964	180,000
59	143,085	180,000
60	154,209	180,000
61	166,464	180,000
62	180,000	180,000
63	180,000	180,000
64	180,000	180,000
65 & older	180,000	180,000

# If individual has at least 15 years of police, fire, and/or emergency medical service. Otherwise, same as general employees.

#### IRC Section 401(a)(17) Compensation Limit - 2007

For 2007 the IRC Section 401(a)(17) limit is \$225,000. This limit is indexed with inflation in \$5,000 increments.

#### VIII. ACTUARIAL ASSUMPTIONS AND FUNDING METHOD

An actuarial valuation is the mathematical process that estimates plan liabilities and employer contribution requirements for purposes of financing the retirement system. This process is repeated annually to update the liabilities and contribution requirements for changes in member census and plan features, and to reflect actual plan experience in the process. The valuation reflects the present provisions of the Municipal Employees' Retirement Act of 1984, as amended by 1996 Public Act 220, as embodied in the MERS Plan Document (as revised). The specific benefit provisions in effect for each municipality are listed in Table 1 in the results section of the municipality's individual valuation report.

In addition to utilizing current membership and financial data, an actuarial valuation requires the use of a series of assumptions regarding uncertain future events. The assumptions and methods used in the December 31, 2006 actuarial valuation are those adopted by the Retirement Board. The actuarial assumptions were last revised as of December 31, 2004 to reflect the results of the study of plan experience covering the period from December 31, 1998 through December 31, 2003.

There have been no changes in the funding method which was adopted by the Retirement Board commencing with the December 31, 1993 valuations. The basic funding method is entry age normal and employer contribution amounts are developed as a level percentage of payroll.

The actuarial valuation computations were made by or under the supervision of a Member of the American Academy of Actuaries (MAAA). Gabriel, Roeder, Smith & Company is an independent firm of consultants and actuaries.

#### **Actuarial Assumptions**

To calculate MERS contribution requirements, assumptions are made about future events that could affect the amount and timing of benefits to be paid and the assets to be accumulated. The economic and demographic assumptions include:

- An assumed rate of investment return that is used to discount liabilities and project what plan assets will earn.
- A mortality table projecting the number of members who will die before retirement and the duration of benefit payments after retirement.
- Assumed retirement rates projecting when members will retire and commence receiving retirement benefits.
- A set of withdrawal and disability rates to estimate the number of members who will leave the work force before retirement.
- Assumed rates of pay increase to project member compensation in future years.

The actuarial assumptions used in connection with the December 31, 2006 actuarial valuations are unchanged from the December 31, 2005 valuation assumptions. The actuarial assumptions currently utilized are summarized below and on the following pages.

#### **Interest Rate**

Funding plan benefits involves the accumulation of assets to pay benefits in the future. These assets are invested and the net rate of investment earnings is a significant factor in determining the contributions required to support the ultimate cost of benefits. For the 2006 actuarial valuation, the net long-term investment yield is assumed to be 8%. This assumption was first used for the December 31, 1981 actuarial valuation.

#### **Pay Increases**

Because benefits are based on a member's final average compensation, it is necessary to make an assumption with respect to each member's estimated pay progression. The pay increase assumption used in the actuarial valuation projects annual pay increases of 4.5% plus a percentage based on an age-related scale to reflect merit, longevity and promotional pay increases.

The pay increase assumption for selected ages is shown below. The 4.5% wage inflation assumption was first used for the December 31, 1997 actuarial valuation. The merit and longevity pay increase assumption was first used for the December 31, 2004 actuarial valuation.

Age	Base (Wage Inflation)	Merit and Longevity	Total Percentage Increase in Pay
20	4.50%	8.40%	12.90%
25	4.50	5.33	9.83
30	4.50	3.26	7.76
35	4.50	2.05	6.55
40	4.50	1.30	5.80
45	4.50	0.81	5.31
50	4.50	0.52	5.02
55	4.50	0.30	4.80
60	4.50	0.00	4.50

#### Inflation

Although no specific price inflation assumption is needed for this valuation, the 4.5% wage inflation assumption would be consistent with a price inflation of 3% to 4%.

#### **Payroll Growth**

For divisions that are not closed to new hires, the number of active members is projected to remain constant, and the total payroll is projected to increase 4.5% annually in the long term. This assumption was first used for the December 31, 1997 actuarial valuation.

#### Withdrawal Rates

The withdrawal rates are used to estimate the number of employees at each age that are expected to terminate employment before qualifying for retirement benefits. The withdrawal rates do not apply to members eligible to retire, and do not include separation on account of death or disability. The assumed rates of withdrawal applied in the current valuation are based on years of service for members with less than 5 years of service, and based on age for members with 5 or more years of service.

Sample rates of withdrawal from active employment are shown below. These rates were first used for the December 31, 2000 actuarial valuation.

Sample Ages	Years of Service	% of Active Members Withdrawing Within the Next Year
	0	18.00%
	1	18.00
	2	16.00
	3	12.00
	4	10.00
20	5 and over	9.00
25		9.00
30		9.00
35		7.00
40		5.00
45		4.00
50		4.00
55		3.00
60		3.00
65		2.00
70		0.00

#### **Retirement Rates**

A schedule of retirement rates is used to measure the probability of eligible members retiring during the next year. To reflect the impact plan design may have on retirement experience, separate retirement rates apply to valuation divisions without Benefits F50, F55 or F(N), to those divisions that have adopted F55, to those that have adopted F50, and to those that have adopted F(N). The retirement rates in use for each category are shown below and on the next page. The Normal Retirement rates were first used for the December 31, 2000 actuarial valuations. The Early Retirement rates were first used for the December 31, 2004 actuarial valuations.

	Percent of Eligible Active Members Retiring Within Next Year		
Retirement Ages	Without F50 or F55 or F(N)	With F55	With F50
50			22%
51			22
52			22
53			22
54			24
55		18%	18
56		15	14
57		10	16
58		15	18
59		20	18
60	20%	20	20
61	24	24	24
62	24	24	24
63	24	24	24
64	27	27	27
65	30	30	30
66	30	30	30
67	30	30	30
68	30	30	30
69	30	30	30
70	100	100	100

Age	Percent of Eligible Active Members Retiring Within Next Year	Age	Percent of Eligible Active Members Retiring Within Next Year	Age	Percent of Eligible Active Members Retiring Within Next Year
40	22%	51	22%	61	24%
41	22	52	22	62	24
42	22	53	22	63	24
43	22	54	24	64	27
44	22	55	18	65	30
45	22	56	14	66	30
46	22	57	16	67	30
47	22	58	18	68	30
48	22	59	18	69	30
49	22	60	20	70	100
50	22				

Municipalities that have adopted a non-standard benefit multiplier after December 31, 1996 that is in excess of the B-4, 2.5% multiplier, will have a retirement rate equal to 75% at the first age at which unreduced plan benefits are available.

Retirement Ages	Percent of Eligible Active Members Retiring Within Next Year
50	2%
51	2
52	3
53	5
54	8
55	4
56	4
57	4
58	6
59	8

#### EARLY RETIREMENT – REDUCED BENEFIT

#### **Disability Rates**

Disability rates are used in the valuation to estimate the incidence of member disability in future years.

The assumed rates of disablement at various ages are shown below. These rates were first used for the December 31, 2004 actuarial valuation.

Sample Ages	Percent Becoming Disabled Within Next Year
20	0.02%
25	0.02
30	0.02
35	0.06
40	0.06
45	0.11
50	0.24
55	0.41
60	0.41
65	0.41

85% of the disabilities are assumed to be non-duty and 15% of the disabilities are assumed to be duty related. For those plans which have adopted disability provision D-2, 70% of the disabilities are assumed to be non-duty and 30% are assumed to be duty related.

#### **Mortality Table**

In estimating the amount of the reserves required at the time of retirement to pay a member's benefit for the remainder of his or her lifetime, it is necessary to make an assumption with respect to the probability of surviving to retirement and the life expectancy after retirement.

The mortality table used to project the mortality experience of plan members is a 50% Male - 50% Female blend of the 1994 Group Annuity Mortality Table. For disabled retirees, the regular mortality table is used with a 10-year set forward in ages to reflect the higher expected mortality rates of disabled members. These mortality tables were first used for the December 31, 2004 actuarial valuations.

90% of active member deaths are assumed to be non-duty deaths and 10% of the deaths are assumed to be duty related.

The life expectancies and mortality rates projected for **non-disabled** members are shown below for selected ages:

Age	Expected Years of Life Remaining	Mortality Rates
20	61.55	0.04%
25	56.68	0.05
30	51.82	0.06
35	46.97	0.07
40	42.13	0.09
45	37.34	0.13
50	32.60	0.20
55	27.98	0.34
60	23.53	0.62
65	19.40	1.16
70	15.66	1.87
75	12.24	2.99
80	9.25	5.07

The life expectancies and mortality rates projected for **disabled** members are shown below for selected ages:

Age	Expected Years of Life Remaining	Mortality Rates
20	51.82	0.06%
25	46.97	0.07
30	42.13	0.09
35	37.34	0.13
40	32.60	0.20
45	27.98	0.34
50	23.53	0.62
55	19.40	1.16
60	15.66	1.87
65	12.24	2.99
70	9.25	5.07
75	6.81	8.25
80	4.85	13.46

## Miscellaneous and Technical Assumptions

Loads	- None
Marriage Assumptions	- 70% of males and 70% of females are assumed to be married for purposes of death-in-service benefits. Male spouses are assumed to be three years older than female spouses.
Pay Increase Timing	- Beginning of valuation year. This is equivalent to assuming that reported pays represent amounts paid to members during the year ended on the valuation date.
Pay Adjustment	- None.
Decrement Timing	- Decrements of all types are assumed to occur mid-year.
Future Service	- Members are assumed to earn 1.0 years of service in each future year.
Eligibility Testing	- Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
Benefit Service	- Exact fractional service is used to determine the amount of benefit payable.
Decrement Relativity	- Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
Decrement Operation	- Disability and death-in-service decrements do not operate during the first 5 years of service. Disability and withdrawal do not operate during retirement eligibility.
Normal Form of Benefit	- Future retiring members are assumed to elect:
	Form of PaymentPercentageSL45%II25IIA10III15IV5
Incidence of Contributions	- Contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made. New entrant normal cost contributions are applied to the funding of new entrant benefits.
Maximum Compensation	- The dollar compensation limits under Section 401(a)(17) of the Internal Revenue Code are projected to increase 4.5% annually. No member or employer contributions are projected to be made on the portion of any member's annual compensation in excess of the IRC Section 401(a)(17) limit for the year.
Maximum Benefit	- The dollar benefit limitations under Section 415 of the Internal Revenue Code are projected to increase 4.5% annually. Employee divisions 02, 20-29 (Police), 05 and 50-59 (Fire) are presumed eligible for the public safety benefit limits. No benefits in excess of the IRC section 415 limits are projected to be paid, except as provided under the Qualified Excess Benefit Arrangement, Plan Section 55A.
Member Contribution Interest	- The interest rate credited on member contributions is the one-year Treasury Bill rate as of December 1, determined annually. The long-term rate assumed in the valuation is 4%, which is consistent with the 3% to 4% price inflation assumption.

#### **Actuarial Funding Method**

The Retirement Board has adopted funding methodology for the Retirement System to achieve the following major objectives:

- Develop level required contribution rates as a percentage of payroll;
- Finance benefits earned by present employees on a current basis;
- Accumulate assets to enhance members' benefit security;
- Produce investment earnings on accumulated assets to help meet future benefit costs;
- Make it possible to estimate the long-term actuarial cost of proposed amendments to System provisions; and
- Assist in maintaining the Retirement System's long-term financial viability.

The basic funding objective is a level pattern of cost as a percentage of pay throughout each member's working lifetime. The funding method used in this actuarial valuation – the entry age normal cost method – is intended to meet this objective and result in a relatively level long-term contribution requirement as a percentage of pay. This actuarial method was first used for the December 31, 1993 actuarial valuation.

Under the entry age normal cost method, the total actuarially-determined contribution requirement is equal to the sum of the normal cost plus the payment required to fund the unfunded actuarial accrued liability over a period of years. Funding or amortizing the unfunded actuarial accrued liability includes a payment toward the liability (principal) plus a payment to reflect the time value of money (interest).

#### **Normal Cost**

In general terms, the normal cost is the cost of benefit rights accruing on the basis of current service. Technically, the normal cost rate is the level percentage-of-pay contribution required each year, with respect to each member, to accumulate over his or her projected working lifetime the reserves needed to meet the cost of earned benefits. The normal cost represents the ultimate cost of the Retirement System, if the unfunded liability is paid up and the actual experience of the System conforms to the assumptions.

#### Actuarial Accrued Liability

The total actuarial present value of future benefits is computed using the valuation's actuarial assumptions. Subtracting the present value of future normal costs results in the actuarial accrued liability.

The total actuarial accrued liability essentially represents the amount that would have been accumulated as of December 31, 2006, if contributions sufficient to meet the normal costs of the Retirement System had been made each year in the past, benefit provisions had always been the same as current benefit provisions, and actual past experience had always conformed to current actuarial assumptions. If assets equaled the total accrued liability, there would be no unfunded liability and future contribution requirements would consist solely of the calculated normal cost rates.

#### Amortization of Unfunded Actuarial Accrued Liability

The unfunded actuarial accrued liability is projected to the beginning of the fiscal year for which employer contributions are being calculated (see page 92 for a description of the projection). The projected unfunded accrued liability is then amortized by level percent of payroll contributions over a period of years. Active member payroll is assumed to increase 4.5% a year for the purpose of determining the level percent contributions. The standard amortization period to fund the unfunded liability is 29 years for positive unfunded liabilities in the 2006 valuation. This period will be reduced by one year in each of the next four annual valuations, reaching 25 years in the 2010 valuation. Beginning with the 2011 valuation the 25 year period will be reestablished with each annual valuation. The standard amortization period for negative unfunded liabilities is 10 years, with the 10 year period reestablished with each annual actuarial valuation. Section 20m of Act No. 314 of the Public Acts of 1965 as amended (MCL 38.1140m) requires that the amortization period not exceed 30 years. For divisions that are closed to new hires, the amortization period for positive unfunded liabilities is decreased annually by 2 years until the period reaches 5 years. At that point, the amortization period will remain at 5 years. Shorter amortization periods may be elected by a municipality (but not shorter than 5 years for negative unfunded liabilities). Table 16 in the results section of each municipality's individual valuation report indicates the current length of the amortization period for each division. Note that when the 10 year amortization is used for negative unfunded liabilities, Table 16 reports the amortization in two parts: i) a long term credit based on the long term amortization period (usually the standard amortization period described above), plus ii) an overfunding credit resulting from using a 10 year amortization.

In calculating the annual required contribution (ARC) for reporting and disclosure purposes under Statement Nos. 25 and 27 of the Governmental Accounting Standards Board, the following amortization methods are used:

- A level percentage of payroll amortization is used, based on the amortization periods described in the previous paragraph and based on the assumption that payroll increases 4.5% per year.
- For divisions that are closed to new hires and less than 100% funded, a 30-year level dollar amortization is used if it results in a higher amortization payment.

#### **Projection of Unfunded Accrued Liability**

The unfunded accrued liability as of December 31, 2006 is projected to the beginning of the fiscal year for which employer contributions are being calculated (each municipality's fiscal year beginning in 2008). This allows the 2006 valuation to take into account the expected future contributions that are based on past valuations. This projection process will result in more stable computed contribution rates, and was first used for the December 31, 2004 actuarial valuations. The projected unfunded accrued liability is amortized over the appropriate period (see page 91) to determine the amortization payment. For divisions that are open to new hires this payment is divided by the projected fiscal year payroll to determine the amortization payment as a percentage of active member payroll. The resulting amortization contributions are displayed for each division in Table 16 of each municipality's individual valuation report.

The details of the projection are displayed in Table 24 of each municipality's valuation report.

#### **Present Value of Accrued Benefits**

The present value of accrued benefits represents the actuarial value of benefits that have been earned as of the valuation date for all members of the valuation division. This benefit reflects the final average compensation and plan benefit service of each member, and plan features of the member's valuation division as of the valuation date. Included in this value is the current value of vested benefits for members who have met plan vesting requirements and the current value of non-vested benefits for members who have not yet met plan vesting requirements. Regardless of plan vesting service, all member contributions are vested. Active members are assumed to continue in employment until retirement, death, disability or termination, but benefit amounts are frozen, for valuation purposes only, on the valuation date.

#### **Termination Liability**

The termination liability represents the value of the benefits that have been earned as of the valuation date based on final average compensation and benefit service as of the valuation date. All active members are assumed to terminate employment on the valuation date. Vested and non-vested active members are assumed to retire at the first age when the member would be eligible for unreduced deferred retirement benefits, assuming no continued employment after the valuation date (non-vested benefits are assumed to commence at age 60).

#### Asset Valuation Method

The actuarial value of assets is determined on the basis of a method that calculates expected investment income at the valuation rate of return and adds a portion of the difference between the expected investment income and actual investment income earned on a market value basis. The difference in investment income between expected return and market return is recognized over a 10-year period at the rate of 10% per year. This asset valuation method was first adopted for the December 31, 2005 valuation, and is applied as follows:

Actuarial Value equals:

- (a) Actuarial value of assets from the previous actuarial valuation, plus
- (b) Aggregate employer and member contributions since the last valuation, minus
- (c) Benefit payments and refunds of member contributions since the last valuation, plus
- (d) Estimated investment income at the 8% valuation interest rate, plus
- (e) Portion of gain (loss) recognized in the current valuation.

For the above purpose, gain (loss) is defined as the excess during the period of the investment return on the market value of assets over the expected investment income. The portion recognized in the valuation is 10% of the current year's gain (loss) plus 10% of the gain (loss) from each of the 9 preceding years. The cumulative difference between the market value and valuation assets as of December 31, 2005 is recognized over 9 years.

During 2006, the approximate net investment return on average total assets at actuarial value (determined as the actuarial value of investment income divided by the average actuarial value of assets during the year) was 8.14%. The corresponding amounts for 2005, 2004 2003, and 2002 were 6.51%, 6.82%, 8.00%, and 3.43%, respectively.

For the December 31, 2006 valuation, the actuarial value of assets is equal to 98.62% of market value (compared to 102.71%, 102.45%, 109.52%, and 125.85% in 2005, 2004, 2003, and 2002, respectively). This percentage is applied to each division's reported market value of assets to estimate the actuarial value of assets for the division. Table 37 on page 94 provides the details of the derivation of the actuarial value of assets for the retirement system in the aggregate.

## Table 37Municipal Employees' Retirement System of Michigan<br/>Derivation of Actuarial Value of Assets

Valuation Date December 31:	2006	2007	2008	2009	2010
1. Beginning of Year Assets					
a) Market Value	\$ 4,906,288,690				
b) Valuation Assets	5,039,071,709				
2. End of Year Market Value Assets	5,590,042,317				
3. Net Additions to Market Value					
a) Net Contributions	371,505,157				
b) Net Investment Income = $(3d) - (3a) - (3c)$	622,409,716				
c) Benefit Payments	(310,161,246)				
d) Total Additions to Market Value = $(2) - (1a)$	683,753,627				
4. Average Valuation Assets =					
(1b) + .5x[(3a) + (3c)]	5,069,743,665				
5. Expected Income at Valuation Rate = $8\% x (4)$	405,579,493				
6. $Gain (Loss) = (3b) - (5)$	216,830,223				
7. Phased-In Recognition of Investment Return					
a) Current Year: 0.1 x (6)	21,683,022				
b) First Prior Year	(14,753,669)	21,683,022			
c) Second Prior Year		(14,753,669)	21,683,022		
d) Third Prior Year			(14,753,669)	21,683,022	
e) Fourth Prior Year				(14,753,669)	21,683,022
f) Fifth Prior Year					(14,753,669)
g) Sixth Prior Year					
h) Seventh Prior Year					
i) Eighth Prior Year					
j) Ninth Prior Year					
k) Total Recognized Investment Gain (Loss)	6,929,353	6,929,353	6,929,353	6,929,353	6,929,353
8. Change in Valuation Assets					
(3a) + (3c) + (5) + (7k)	473,852,757				
9. End of Year Assets					
a) Market Value = (2)	5,590,042,317				
b) Valuation Assets = $(1b) + (8)$	5,512,924,466				
c) Difference Between Market & Valuation Assets	77,117,851				
10. Recognized Rate of Return = $[(5) + (7k)] / (4)$	8.14%				
11. Market Rate of Return	12.61%				
12. Valuation Asset Adjustment Factor = $(9b) / (9a)$	0.986204				

#### Gabriel Roeder Smith & Company

## Table 37 (cont.)Municipal Employees' Retirement System of Michigan<br/>Derivation of Actuarial Value of Assets

Valuation Date December 31:	2001	2002	2003	2004	2005
1. Beginning of Year Assets					
a) Market Value	\$ 3,788,886,471	\$ 3,647,820,869	\$ 3,285,304,333	\$ 4,071,997,180	\$ 4,619,201,287
b) Valuation Assets	3,791,423,339	4,034,377,419	4,134,404,645	4,459,492,020	4,732,208,229
2. End of Year Market Value Assets	3,647,820,869	3,285,304,333	4,071,997,180	4,619,201,287	4,906,288,690
3. Net Additions to Market Value					
a) Net Contributions	154,103,475	167,427,558	223,450,393	223,057,268	277,589,524
b) Net Investment Income = $(3d) - (3a) - (3c)$	(93,269,286)	(324,926,459)	792,139,959	577,562,751	288,223,418
c) Benefit Payments	(201,899,791)	(205,017,635)	(228,897,505)	(253,415,912)	(278,725,539)
d) Total Additions to Market Value = $(2) - (1a)$	(141,065,602)	(362,516,536)	786,692,847	547,204,107	287,087,403
4. Average Valuation Assets =					
(1b) + .5x[(3a) + (3c)]	3,767,525,181	4,015,582,381	4,131,681,089	4,444,312,698	4,731,640,222
5. Expected Income at Valuation Rate = $8\% x (4)$	301,402,014	321,246,590	330,534,487	355,545,016	378,531,218
6. $Gain (Loss) = (3b) - (5)$	(394,671,300)	(646,173,049)	461,605,472	222,017,735	(90,307,800)
7. Phased-In Recognition of Investment Return					
a) Current Year: 0.2 x (6)	(78,934,260)	(129,234,610)		44,403,547	(18,061,560)
b) First Prior Year	(79,670,266)	(78,934,260)			44,403,547
c) Second Prior Year	63,981,441	(79,670,266)			
d) Third Prior Year	40,228,410	63,981,441			
e) Fourth Prior Year	43,743,057	40,228,408			
f) 1999-2003 Years Combined	N/A	N/A	0	(96,873,710)	(96,873,710)
g) Total Recognized Investment Gain (Loss)	(10,651,618)	(183,629,287)	0	(52,470,163)	(70,531,723)
8. Change in Valuation Assets					
(3a) + (3c) + (5) + (7g)	242,954,080	100,027,226	325,087,375	272,716,209	306,863,480
9. End of Year Assets					
a) Market Value = $(2)$	3,647,820,869	3,285,304,333	4,071,997,180	4,619,201,287	4,906,288,690
b) Valuation Assets = $(1b) + (8)$	4,034,377,419	4,134,404,645	4,459,492,020	4,732,208,229	5,039,071,709
c) Difference Between Market & Valuation Assets	(386,556,550)	(849,100,312)	(387,494,840)	(113,006,942)	(132,783,019)
10 Decomposed Data of Datum $-1(5) + (7c) \frac{1}{2} \frac{1}{4}$	7.72%	3.43%	8.00%	6.82%	6.51%
10. Recognized Rate of Return = $[(5) + (7g)] / (4)$					
11. Market Rate of Return	(2.48%)	(8.95%)	24.13%	14.24%	6.24%
12. Valuation Asset Adjustment Factor = (9b) / (9a)	1.105969	1.258454	1.095161	1.024465	1.027064

#### Gabriel Roeder Smith & Company

#### APPENDIX

## MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM

#### OF MICHIGAN

DECEMBER 31, 2006 VALUATION RESULTS BY MUNICIPALITY

	141		31/2000 V		Results by IV		, Information		
		Number	Fiscal	Number		Number		Number	Annual
		of	Year	of	Active	of	Benefits	Deferred	Deferred
Municipality Name	<u>Number</u>	<b>Divisions</b>	<b>Beginning</b>	<u>Actives</u>	<u>Salary</u>	<u>Retirees</u>	In Force	<u>Vesteds</u>	<b>Benefits</b>
41B District Court	5014	1	January 1	17	736,811	17	213,862	7 0	145,726
Addison Fire Departm Adrian, City of	4607 4601	1 7	April 1 July 1	2 160	128,098 7,351,140	0 117	0 2,368,994	0 17	0 218,341
Albion, City of	1301	6	January 1	45	1,606,459	102	740,611	23	143,152
Alcona County	101	8	January 1	54	1,751,913	46	417,531	8	46,912
Alger County Alger County Road Co	203 201	8 1	January 1	34 28	1,179,108 1,110,254	19 37	293,630	6	13,546 18,014
Algonac, City of	201 7707	2	January 1 July 1	28 26	1,110,254	5	438,623 68,045	2 7	50,843
Allegan, City of	309	4	July 1	11	613,332	3	65,202	5	53,742
Allegan County	302	14	January 1	135	6,492,426	215	2,220,811	91	563,598
Allegan County Rd. C	301 2901	3 6	January 1	66 86	2,725,574	53	815,042	2 8	17,251
Alma, City of Almont, Village of	4407	3	July 1 July 1	80 14	2,941,896 622,967	69 2	880,535 32,277	8 1	84,698 2,821
Alpena County	401	6	January 1	97	3,330,768	66	577,249	22	119,891
Alpena County Rd. Co	402	3	January 1	35	1,319,078	34	403,559	2	10,211
Alpena General Hospi	405 404	4	July 1	489	25,540,341	303	4,591,649	59	645,512
Alpena Senior Citize Alpha, Village of	404 3614	1 1	October 1 April 1	1 1	27,040 30,646	6 0	42,083 0	1 1	19,690 2,626
Antrim County	502	5	January 1	311	10,031,008	122	820,670	50	227,667
Antrim County Rd Com	501	2	January 1	43	1,585,711	39	636,295	1	11,480
Arenac County	603	6	January 1	77 27	2,437,211	44	373,522	21	101,987
Arenac County Rd Com Ash Township	604 5804	4 1	January 1 April 1	27	934,508 75,070	24 3	304,615 29,703	1 1	6,924 1,438
Auburn, City of	905	1	July 1	7	323,583	3	34,462	0	0
Au Gres, City of	602	2	April 1	5	285,792	5	55,100	0	0
Bad Axe, City of	3211	1	July 1	26	1,139,846	6	164,883	1	22,442
Bangor, City of Baraga, Village of	8003 704	$\frac{1}{2}$	July 1 March 1	14 9	503,411 348,919	11 7	69,044 125,411	8 2	18,090 7,298
Baraga County	704	$\frac{2}{2}$	January 1	30	978,434	19	232,028	6	29,255
Baraga County Memori	703	2	October 1	163	5,185,794	74	388,916	22	116,353
Baraga County Rd Com	701	3	October 1	28	992,998	34	481,052	0	0
Baroda Township	1109 802	1 14	April 1 January 1	3 394	150,607 13,218,976	0 151	0 1,552,832	0 33	0 211,888
Barry County Barry County CMH Aut	802 804	2	April 1	51	1,788,746	0	1,332,832	5	17,677
Barry-Eaton Dist Hlt	2303	$\frac{1}{2}$	January 1	92	3,681,332	42	459,152	32	204,833
Barton Hills, Villag	8107	1	April 1	3	138,876	1	17,381	0	0
Bates Township Bath Charter Townshi	3616 1909	1 1	April 1	$2 \\ 20$	61,992 943,141	1 4	12,632 88,738	0 3	0 20,093
Battle Creek, City o	1302	9	January 1 July 1	412	18,967,386	251	4,440,491	41	439,129
Bay Area Transportat	2810	2	October 1	62	2,089,501	0	0	0	0
Bay City, City of	901	6	July 1	115	5,508,803	280	4,501,486	18	136,929
Bay City Housing Com	906 1702	2 1	October 1	16 8	776,645	18	285,253	0	0
Bayliss Public Libra Bay Metro Transit Au	1702 907	3	July 1 October 1	8 99	212,547 3,239,188	$3 \\ 20$	26,175 167,878	1 10	5,995 39,646
Beecher Met Dist Swg	2501	2	July 1	12	666,127	9	153,161	2	52,624
Belding, City of	3410	1	July 1	7	334,169	4	99,308	1	2,054
Belleville, City of Benzie/Leelanau Dist	8213	5	July 1	20	988,515	11	138,880	7	23,666
Benzie County	4504 1003	1 6	January 1 January 1	4 86	190,645 2,944,096	1 33	7,698 362,635	0 32	0 198,239
Benzie County Comm o	1006	1	October 1	10	259,641	1	19,388	1	6,116
Benzie County MCF (M	1004	2	January 1	106	3,086,882	23	135,112	18	68,074
Benzie County Road C	1001	3	January 1	33	1,107,068	25	341,719	4 0	30,708
Benzie Shores Dist. Berkley, City of	1005 6304	$\frac{1}{2}$	July 1 July 1	1 55	58,092 2,414,979	0 61	0 1,183,585	0 11	0 107,719
Berrien Springs, Vil	1102	2	July 1	19	720,006	10	69,076	7	40,041
Bessemer, City of	2702	1	July 1	12	413,573	17	169,165	2	11,054
Beverly Hills, Villa	6321 5402	$\frac{2}{2}$	July 1	14	736,263	9 37	67,688	10	99,499 26,170
Big Rapids, City of Big Rapids Housing C	5402 5406	1	July 1 April 1	41 5	1,847,975 276,893	37	373,937 28,276	8 2	36,170 17,513
Birch Run, Village o	7315	3	July 1	16	605,954	2	9,683	3	6,778
Bishop Intl Arpt Aut	2507	1	January 1	29	1,474,914	5	67,939	2	21,443
Blackman Township	3806	1	January 1	27	1,435,471	6	211,908	1	18,714
Blissfield, Village Bloomfield Hills, Ci	4606 6302	1 6	July 1 July 1	22 28	895,859 1,788,949	4 38	68,432 1,475,469	3	14,759 65,058
Blue Water Area Tran	7709	2	October 1	45	1,653,207	6	41,104	4	25,592
Boyne City, City of	1506	4	May 1	34	1,484,407	27	312,952	6	46,706
Branch County Sherif	1205	3	January 1	35	1,432,744	2	7,046	0	0
Brandon Township Breckenridge,Village	6333 2906	2 1	January 1 March 1	33 9	1,525,273 283,007	1 7	19,603 81,630	$0 \\ 2$	0 5,057
Bridgeport Charter T	7307	3	January 1	39	1,595,321	23	331,077	16	116,951
Brighton, City of	4704	5	July 1	55	3,298,689	21	304,501	7	45,295
Brighton Area Fire A	4715	2	July 1	5	246,359	1	14,725	0	0
Brighton Township Britton, Village of	4711 4604	2 1	July 1 March 1	15 3	660,951 92,911	3 1	30,954 6,131	$4 \\ 0$	34,094 0
Brnch-Hllsdl-St.Josp	1202	1	January 1	77	2,693,320	32	313,635	16	112,103
Bronson, City of	1204	1	July 1	4	187,392	1	8,757	1	8,360

Participant Information           Number State         N		1		51/2000 1	aluation -	Results by IV				
Uniterial Toxison         Year         of         Active         of         Benefits         Deferred         Netrolits         Notes           Bookay, Village of         3801         March 1         44         157,029         44         7,5408         0         0           Bookay, Village of         1011         4         14,11         157,127         11         2,813         0         9,941           Buene, Visa Chener         1712         4         Lanury         1         64,157,472         11         2,81,60         17         7,546           Butta, Ciry of         2308         3         Juby 1         08         4,572,977         43         12,64,100         1         14,10           Botta, Ciry of Mark         1311         2         Juary 1         129         2,24,24,01         29         35,777         10         12,22,20           Calona Coarty Rold         1311         2         Juary 1         129         2,24,24,01         10         05,577         10         12,22,20           Canona Coarty Rold         1311         2         Juary 1         14,12,131         2,12,20,10         10,10         11,12,20         12,12,10         10,12,12,10         11,12,22,12,10         10							-	Information	l	
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	Municipality Name	Number								
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Butma Töröshöp         2004         i         May i         0         0         0         0         4         44.409           Callbac, Cay of the carbon County         601         7         305700         7         431.070         13         6.16.080           Callbac, Cay of the carbon County         1311         2         January i         142         2.04.2610         23         810.777         13         121.2530           Carbon Törönkip         832.3         8         January i         14         2.04.2610         20         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         13.21.1530         14.22.22.1330         14.23.21.2330         14.22.23.2330         14.22.23.2330         14.22.23.2330         14.23.23.2330         14.22.23.2330         14.23.23.2330         14.22.23.2330         14.22.23.2300         12.23.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.2300         14.23.23.2300				•						
				2						· · ·
Cadillack Weisford Tra         S805         3         Castone' 1         17         466,408         3         1.696         0         0           Calmon County Radi         1301         2         January 1         159         77,358,440         32         581,777         16         122,263           Calmon Townsy Radi         1307         3         January 1         73         2,242,261         33         55,777         16         212,263           Capical Area Disk L1         3317         3         January 1         79         2,266,454         0         0         3         2,008           Capical Area Disk L1         3307         3         January 1         21         2,033,344         1         37,232         1         1,333           Cacallos Construct         4410         1         January 1         43         2,120,553         3         3,222         3         4,048           Cacallos Arings, Charles Charles Town         410         1         January 1         43         2,203,531         3         3,222         3         4,048           Casa Coarty Marge of         3,037         1         January 1         43         2,324,331         3         3,237         7,85				•						,
Calbon County Mod         1307         3         January 1         24         2.942,610         29         55,777         16         212,030           Canton Twits, Ishran         8232         1         January 1         213         16,85,644         3         75,212         0         0           Canton Twits, Ishran         3317         3         January 1         223         16,25,235         40         21,0000         2         32,015           Capital Ares Div L1         733         January 1         9         2,6644         0         16,002         1         2,354           Carolin Township         7330         2         April 1         1         20,334         1         37,222         1         1,325           Cardiaco, Village of         5065         Macch         1         January 1         1         2,21,315         3         3,4223         3         4,031           Carsa County         1402         January 1         149         5,22,715         5         71,22,17         7         12,4927           Cass County         1402         January 1         149         5,22,715         5         71,217         7         12,4927           Cass Ounty Chiter				2		, ,		- )		,
Canton Howlin, Ehber         8222         1         Jannary 1         16         8250,44         3         77,212         0         0           Capex, Village of         7705         4         July 1         6         223         16,523,532         40         100         16,557         5         19,263           Capex, Village of         7705         4         July 1         6         224,464         10         16,557         5         19,263           Carleso, Village of         7705         4         July 1         14         239,025         2         16,602         1         2,353           Carleso, Village of         7200         2         April 1         21         6,633,34         1         37,252         1         1,823           Casca Contry More F         440         1         Jannary 1         14         5,522,718         6         77,3171         17         17,42,429         0         0           Casca Contry More F         1404         1         Jannary 1         13         38,624         5         31,371         17         17         17,42,329         0         7,858           Casca Contry More F         1403         Jannary 1         15 <t< td=""><td></td><td></td><td></td><td>January 1</td><td></td><td></td><td></td><td>,</td><td></td><td></td></t<>				January 1				,		
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Capac. Villag.of         7705         4         Johy 1         6         274,640         10         103,557         5         19,865           Capital Ana Dist Li         3317         3         January 1         99         32,664,54         0         0         3         2,008           Capital Ana Dist Li         3317         3         January 1         99         26,324         2         13,217         13         13,176           Cascolit, Village of         3007         I March 1         2         440,781         5         14,274         0         0           Cascolit, Village of         3007         I March 1         14         440,781         5         14,274         0         0           Casc County         4100         I March 1         1400         140         1400         1				•		,				
Capital Age         Jamary 1         79         3.266,544         0         0         3         2.008           Carleton, Village of         5805         2         March 1         7         259025         2         16.002         1         2.234           Carleton, Village of         5805         2         March 1         21         246,781         3         13         7.332         1         1.234           Casevin, Village of         3068         1         March 1         14         2.460,781         5         1.4274         0         4.408           Caspin, Village of         3068         1         March 1         14         2.460,781         5         7.13217         17         124,692           Cass County         1443         1         January 1         15         7.2628         3         31,195         2         7.359           Cass Distric Librar         1444         1         January 1         15         7.2628         3         31,195         2         7.359           Cass Distric Librar         6400         3         Cocober 1         26         1.154,345         18         31,059         2         3.32,359           Carental Mibrits Wilth				•						,
Carleon, Village of Carrollon, Toroship         580         2         March I         7         25902         2         16,002         1         2,323           Cascale Charner Town         4110         1         January I         43         2,120,533         3         36,022         3         40,818           Cascale Charner Town         410         1         January I         140         2,225,33         3         40,818           Case County         1402         8         January I         149         5,822,715         50         71,321,7         7         124,927           Case County MCF         1403         Jaluary I         15         72,8268         9         111,000         3         2         7,860           Case County MCF         1401         January I         15         72,868         9         111,000         3         22,974         1         2,45,201           Case County Mayne County         8214         2         July I         0         0         22         23,758         20,974         1         1,45,453         31         34,453         37,7147         6         33,344,59         5         79,9995           Charleoxic Cuy of         1503         JanuaryI				•		,		,		,
Carnollon Township         72.0         2         April         21         653.34         1         37.232         1         I, I										· · ·
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Case District Librar 404 January  3348,624 5331,879 27,586Centar Libra, City of5001 4July 15723,688 9 111,009 321,037Central Dispath of61090October 2 2 1,154,345 18212,964 1 1,494Central Wigne County8214 2July 107 3,944,250 52 67,765 41 223,738Central Wigne County8214 2July 10 10 10,80 22 31,6327 8 24,622Charlevoix, Cuy of 1503 3 10,80 22 2,18,833 37,7147 5 73,839Charlevoix, Cuy of 2301 5July 32 2,18,893 37 661,083 13 102,08Charlevoix, Cuy of 2301 5July 33 12,32,696 32 40,067 0 0Charlevoix, Cuy of 1603 3January 142 44,41,610 88 42,539 4 13,79,45Cheboyan, Cumy 1603 3January 122 1,961,293 53 84,778 4 31,108Cheboyan, Cumy Rd 103 3January 122 1,961,293 53 84,778 4 31,108Cheboyan, Cumy Rd 103 3January 122 1,961,293 54,847,778 4 32,108Cheboyan, Cumy Rd 103 3January 122 1,96				•				,		,
$ \begin{array}{cccc} Ceder Springs, Ciry & 4105 & 3 & July 1 & 15 & 723,688 & 9 & 111,009 & 3 & 21,037 \\ Central Dispatch of & 6109 & 3 & October 1 & 107 & 1.108,723 & 41 & 6618,516 & 1 & 2,349 \\ Central Dispatch of & 6109 & 3 & October 1 & 107 & 3.944,250 & 52 & 697,765 & 41 & 223,758 \\ Central Wayne County & 8214 & 2 & July 1 & 0 & 0 & 0 & 2 & 316,327 & 8 & 92,462 \\ Charlevoix, City of & 1508 & March 1 & 41 & 1880,533 & 30 & 334,359 & 5 & 79,995 \\ Charlevoix, City of & 1508 & Jamary 1 & 34 & 1,248,234 & 37 & 377,147 & 6 & 33,944 \\ Charlevoix, County & 1501 & 1 & Jamary 1 & 37 & 11,076,163 & 117 & 995,703 & 102,038 \\ Charlevoix, County & 1500 & 4 & Jamary 1 & 5 & 2,546,580 & 33 & 448,2111 & 4 & 99,997 \\ Chebrysgan, City of & 1602 & 3 & July 1 & 33 & 1,225,569 & 33 & 448,2111 & 4 & 99,997 \\ Chebrysgan County & 1603 & Jamary 1 & 42 & 1,961,293 & 55 & 845,778 & 4 & 35,108 \\ Chebrother Davine L & 1061 & 2 & Jamary 1 & 42 & 1,961,293 & 55 & 845,778 & 4 & 35,108 \\ Chebrother Davine L & 500 & 1 & Jamary 1 & 52 & 1,860,56 & 0 & 0 & 0 & 0 \\ Chebrysgan County Ad & 1601 & 2 & Jamary 1 & 12 & 424,105 & 11 & 146,050 & 3 & 1,5,33 \\ Chesterfield Townshi & 5010 & 1 & Jamary 1 & 12 & 424,105 & 11 & 146,050 & 3 & 1,5,33 \\ Chesterfield Townshi & 5010 & 1 & Jamary 1 & 7 & 304,711 & 0 & 0 & 0 & 0 \\ Chippewa County & 1703 & 7 & Jamary 1 & 15 & 6,724 & 669 & 717,919 & 34 & 424,104 \\ Chippewa County Daving & 1112 & April 1 13 & 496,055 & 0 & 0 & 0 & 0 & 0 \\ Chippewa County Daving & 1101 & 1 & July 1 & 15 & 6,727 & 1 & 25,586 & 0 & 0 \\ Charlevo Daving & 1301 & 2 & July 1 & 15 & 6,727 & 1 & 25,586 & 0 & 0 \\ Charlevo Sprin & 2405 & 1 & Jamary 1 & 45 & 1,749,299 & 69 & 9,779,919 & 34 & 424,104 \\ Chippewa Rounty Rout Co & 1301 & 2 & July 1 & 35 & 1,206,00 & 0 & 0 & 0 & 0 & 5,722 \\ City of Richmond & 1110 & 1 & July 1 & 15 & 6,720 & 66 & 9,7729 & 13 & 42,20,60 \\ Clargerownty Rout Co & 1301 & 2 & July 1 & 31 & 1,502,300 & 0 & 0 & 0 & 0 & 0 \\ Charlevo Sprin & 24063 & 1 & Jamary 1 & 45 & 4,837,968 & 101 & 1,205,923 & 47 & 77,93 \\ Chebrysen County Rout $	5			•				,		,
$ \begin{array}{c} \operatorname{cmtra} (\operatorname{Ling}, \operatorname{Ciny} of \\ Central Dispatch of \\ Central Dispatch of \\ Central Dispatch of \\ Central WDist Hth \\ 3705 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 8214 \\ 2 \\ July \\ 10 \\ Central Way (Comy \\ 100 \\ 2 \\ S \\ S$				•						
$\begin{array}{cccc} Central MD is Hih & 370 & October I & 26 & 1.154.345 & 18 & 212.964 & 1 & 1.494 \\ Central MD is Hih & 370 & 5 & October I & 107 & 3.94.452 & 52 & 877.76 & 41 & 223.758 \\ Central Wayne County & 8214 & 2 & July I & 0 & 0 & 22 & 316.327 & 8 & 92.462 \\ Charlevoix, City & City of & 1505 & 3 & March I & 41 & 1.860.53 & 30 & 394.359 & 5 & 79.995 \\ Charlevoix City & Rd C & 1501 I & January I & 374 & 1.248.234 & 37 & 377.147 & 6 & 33.694 \\ Charlevoix County & 2301 & 5 & July I & 52 & 2.518.893 & 2 & 66.0087 & 13 & 002.085 \\ Charlevoix City of & 2301 & 5 & July I & 52 & 2.518.893 & 2 & 66.0087 & 13 & 002.085 \\ Charlevoix City of & 1602 & 3 & July I & 52 & 2.518.893 & 2 & 492.111 & 4 & 9.997 \\ Cheboygan County & 1603 & 3 & January I & 42 & 4.41.610 & 58 & 472.539 & 14 & 413.7945 \\ Cheboygan County Rd & 1601 & 2 & January I & 52 & 1.961.293 & 35 & 845.778 & 4 & 35.108 \\ Chebray County Rd & 1601 & 2 & January I & 52 & 1.961.293 & 55 & 845.778 & 4 & 35.108 \\ Chebray County Rd & 1601 & 2 & January I & 12 & 4.44.106 & 58 & 472.539 & 14 & 135.33 \\ Chestarfield Townshi & 5000 & 1 & January I & 12 & 4.44.105 & 6 & 99.788 & 2 & 13.533 \\ Chestarfield Townshi & 5000 & 1 & January I & 7 & 304.711 & 0 & 0 & 0 & 0 \\ Chiprewa County Rd & 1703 & 7 & January I & 193 & 7.049.299 & 92 & 937.900 & 8 & 342.116 \\ Chiprewa County Rd & 1704 & 2 & January I & 193 & 7.049.299 & 92 & 937.900 & 8 & 342.116 \\ Chiprewa County Rd & 1704 & 1704 & 1 & January I & 125 & 1.146.631 & 2 & 40.891 & 0 & 0 \\ Clare County Rad & 1704 & 1 & January I & 125 & 1.486.31 & 2 & 40.891 & 0 & 0 \\ Clare County Rad & 1704 & 1 & January I & 125 & 1.486.31 & 2 & 40.891 & 0 & 0 \\ Clare County Rad & 1804 & 2 & July I & 35 & 0.166.5 & 52 & 1.405.048 & 2 & 2.30.60 \\ Clar County Rad & 1804 & 2 & July I & 36 & 1.238.972 & 46 & 547.721 & 0 & 0 \\ Clarewon, Wad & 1804 & 2 & July I & 36 & 1.238.972 & 46 & 547.721 & 0 & 0 \\ Clarewon, Wad & 1804 & 2 & July I & 36 & 1.238.972 & 46 & 547.721 & 0 & 0 \\ Clarewon, Wad & 1801 & 2 & July I & 36 & 1.238.972 & 46 & 547.721 & 0 & 0 \\ Cl$								,		
Central Waps         Source         Source <thsource< th=""> <thsource< th="">         Sou</thsource<></thsource<>				•		, ,				
$ \begin{array}{c} \mbox{Charlevoix} (Chy of \ 100000000000000000000000000000000000$						, ,				
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$ \begin{array}{c} Cheboygan Comity R & 1603 & 3 & January I & 142 & 4.441.610 & 58 & 472.539 & 14 & 137.945 \\ Cheboygan Comity R & 1601 & 2 & January I & 52 & 1.961.293 & 55 & 845.778 & 4 & 35.108 \\ Chesang, Village of & 8103 & 3 & July I & 22 & 1.180.479 & 23 & 501.890 & 5 & 37.153 \\ Chestrafield Townshi & 5009 & 1 & January I & 124 & 5.618.845 & 6 & 99.788 & 2 & 13.533 \\ Chesterfield Townshi & 5010 & 1 & January I & 124 & 5.618.845 & 6 & 99.788 & 2 & 13.533 \\ Chesterfield Townshi & 5010 & 1 & January I & 71 & 304.711 & 0 & 0 & 0 & 0 & 0 \\ Chippewa Coanty R & T704 & 2 & January I & 193 & 7.049.299 & 92 & 937.900 & 38 & 342.116 \\ Chippewa Coanty R & T704 & 2 & January I & 193 & 7.049.299 & 92 & 937.900 & 38 & 342.116 \\ Chippewa Coanty R & T704 & 2 & January I & 19 & 715.096 & 1 & 19.789 & 1 & 6.601 \\ Chippewa Coanty R & T704 & 2 & January I & 19 & 715.096 & 1 & 19.789 & 1 & 6.601 \\ Chippewa Coanty R & T704 & 2 & January I & 19 & 715.096 & 1 & 19.789 & 1 & 6.601 \\ Chip of Chigman & 1110 & 1 & July I & 13 & 509.200 & 0 & 0 & 1 & 5.972 \\ Charc City of Tabor Sprin & 2405 & 1 & January I & 25 & 11.146.631 & 2 & 40.891 & 0 & 0 \\ City of Richmond & 5012 & 1 & July I & 10 & 455.727 & 1 & 25.586 & 0 & 0 \\ Chare, City of I & 1802 & 4 & January I & 145 & 4.680.488 & 53 & 603.902 & 15 & 75.327 \\ Clare County Road Co & 1801 & 2 & July I & 30 & 1.503.5316 & 15 & 174.935 & 3 & 18.626 \\ Clarwater Township & 7706 & 6 & July I & 33 & 1.503.5316 & 15 & 174.935 & 3 & 18.626 \\ Clarwater Township & 7706 & 6 July I & 33 & 1.503.5316 & 15 & 174.935 & 3 & 18.626 \\ Clarwater Township & 7006 & 6 January I & 206 & 8.537.396 & 101 & 1.205.922 & 37 & 235.950 \\ Clinton County Road & 1903 & 6 January I & 206 & 8.537.396 & 101 & 1.205.922 & 37 & 235.950 \\ Clinton County Road & 1903 & 6 January I & 206 & 8.537.396 & 101 & 1.205.922 & 37 & 235.950 \\ Clinton County Road & 1903 & 6 October I & 673 & 270.52.923 & 187 & 3.048.014 & 128 & 913.026 \\ Clinton County Road & 1901 & 3 January I & 21 & 096.373 & 107.99.9662 & 12 & 187.453 \\ Coldwater Boad of P & 1203$										
$ \begin{array}{c} Cheboygan County Rd \\ Chelsea, Village of \\ Chelsea, Village \\ Chelsea, Village \\ Chelsea, Village \\ Chelsea, Village \\ Chel$				July 1	33	1,295,969				6,409
$ \begin{array}{c} \mbox{Chesania, Village of} & 8103 & 3 & Jujr 1 & 22 & 1,180,479 & 23 & 501,890 & 5 & 37,153 \\ \mbox{Chesania, Village of 7313 & March 1 & 12 & 424,105 & 11 & 146,050 & 3 & 15,263 \\ \mbox{Chesterfield Townshi & 5009 & 1 & January 1 & 124 & 5,615,845 & 6 & 99,788 & 2 & 13,533 \\ \mbox{Chesterfield Townshi & 5010 & 1 & January 1 & 7 & 30,4711 & 0 & 0 & 0 & 0 & 0 \\ \mbox{Chiagewa County Al C & 1704 & 2 & January 1 & 193 & 7,049,299 & 92 & 937,900 & 38 & 342,116 \\ \mbox{Chippewa County Rd C & 1704 & 2 & January 1 & 19 & 71,506 & 1 & 19,789 & 1 & 6,601 \\ \mbox{City of Bridgman } & 1110 & 1 & July 1 & 15 & 632,106 & 0 & 0 & 0 & 0 & 0 \\ \mbox{City of Chio } & 2523 & 1 & July 1 & 13 & 509,200 & 0 & 0 & 1 & 5,972 \\ \mbox{City of Ridgman } & 5012 & 1 & July 1 & 10 & 455,727 & 1 & 25,886 & 0 & 0 & 0 \\ \mbox{City of Ridhmod } & 5012 & 1 & July 1 & 10 & 455,727 & 1 & 25,886 & 0 & 0 & 0 \\ \mbox{Clare County Rad C } & 1802 & 4 & January 1 & 45 & 4,889,048 & 53 & 603,902 & 15 & 75,327 \\ \mbox{Clare County Rad C } & 1802 & 4 & January 1 & 45 & 4,889,048 & 53 & 603,902 & 15 & 75,327 \\ \mbox{Clare County Rad C } & 1802 & 4 & January 1 & 13 & 1,502,56 & 52 & 1,405,048 & 2 & 23,060 \\ \mbox{Clare County Rad C } & 1802 & 4 & January 1 & 13 & 1,53,516 & 15 & 174,935 & 3 & 18,626 \\ \mbox{Clare County Rad C } & 1802 & 4 & January 1 & 30 & 1,806,265 & 52 & 1,405,048 & 2 & 23,060 \\ \mbox{Clare County Rad C } & 1903 & 6 & January 1 & 206 & 8,37,396 & 101 & 1,205,922 & 37 & 235,950 \\ \mbox{Clinton County Rad C } & 1903 & 6 & January 1 & 53 & 2,420,068 & 43 & 582,862 & 4 & 37,136 \\ \mbox{Clinton County Rad C } & 1003 & 1 & January 1 & 53 & 2,420,068 & 43 & 582,862 & 4 & 37,130 \\ \mbox{Clinton County Rad C } & 1007 & 1 & April 1 & 1 & 31,1502 & 0 & 0 & 0 & 0 \\ \mbox{Clinton County Rad C } & 1003 & 1 & January 1 & 53 & 2,420,068 & 43 & 582,852 & 4 & 37,130 \\ \mbox{Clinton County Rad C } & 1007 & 1 & January 1 & 53 & 2,420,068 & 43 & 582,862 & 4 & 37,130 \\ \mbox{Clinton County Rad C } & 1007 & 1 & January 1 & 53 & 4,420,843 & 55 & 857,87$				•		, ,		,		· · ·
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$\begin{array}{c cl} Chesterfield Townshi & 5009 & 1 & January 1 & 124 & 5.615.845 & 6 & 99.788 & 2 & 13.533 \\ Chesterfield Township & 1112 & 2 & April 1 & 13 & 7.646.056 & 0 & 0 & 0 & 0 & 0 \\ Chippewa County Rd C & 1704 & 2 & January 1 & 93 & 7.046.029 & 92 & 937.900 & 38 & 342.116 \\ Chippewa County Rd C & 1704 & 2 & January 1 & 193 & 7.049.299 & 92 & 937.900 & 38 & 342.116 \\ Chippewa County Rd C & 1704 & 2 & January 1 & 193 & 7.049.299 & 92 & 937.900 & 38 & 342.116 \\ Chippewa County Rd C & 1704 & 2 & January 1 & 19 & 7.15.096 & 1 & 19.789 & 1 & 6.601 \\ City of Bridgman & 1110 & 1 & July 1 & 15 & 632.106 & 0 & 0 & 0 & 0 \\ City of Clio & 2523 & 1 & July 1 & 13 & 509.200 & 0 & 0 & 0 & 1 & 5.972 \\ City of Richmond & 5012 & 1 & July 1 & 10 & 4455.727 & 1 & 25.586 & 0 & 0 & 0 \\ City of Richmond & 5012 & 1 & July 1 & 10 & 4457.277 & 1 & 25.586 & 0 & 0 & 0 \\ Citar City of & 6305 & 4 & July 1 & 36 & 1.280.723 & 46 & 547.721 & 0 & 0 & 0 \\ Clar County & 1802 & 4 & January 1 & 145 & 4.689.048 & 53 & 603.902 & 15 & 75.327 \\ Clare County Rad Co & 1801 & 2 & July 1 & 30 & 1.806.265 & 52 & 1.405.048 & 2 & 23.000 \\ Clar Jownship & 7706 & 6 & July 1 & 30 & 1.806.265 & 52 & 1.405.048 & 2 & 23.000 \\ Clar Jownship & 7706 & 1 & April 1 & 1 & 31.702 & 0 & 0 & 0 & 0 \\ Clinton County Road & 1901 & 3 & January 1 & 25 & 857.326 & 10 & 1.205.922 & 37 & 235.950 \\ Clinton County Road & 1901 & 3 & January 1 & 53 & 2.420.068 & 43 & 582.862 & 4 & 37.130 \\ Clinton County Road & 1901 & 3 & January 1 & 53 & 2.420.068 & 43 & 582.862 & 4 & 37.336 \\ Coldwater, City of & 5603 & 1 & July 1 & 7 & 289.835 & 6 & 857.378 & 14 & 145.644 \\ Coldwater Board Of P & 1203 & 2 & July 1 & 26 & 1.289.626 & 35 & 536.511 & 6 & 78.316 \\ Coldwater, City of & 7604 & 5 & July 1 & 16 & 678.910 & 0 & 0 & 0 \\ County Monship & 5002 & 9 & April 1 & 201 & 10.30.334 & 107 & 1.993.662 & 12 & 187.463 \\ Coldwater, City of & 7604 & 5 & July 1 & 16 & 678.910 & 0 & 0 & 0 & 0 \\ County County Road & 1901 & 3 & January 1 & 7 & 289.835 & 6 & 857.335 & 16 & 78.316 \\ Coldwater Monship & 1007 & 1 & $				2		, ,		,		· · ·
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Chippewa County         1703         7         January 1         193         7.049.299         92         937.900         38         342.116           Chippewa County Rd C         1704         2         January 1         19         715.096         1         19.789         1         6.601           City of Bridgman         1110         1         July 1         15         652.106         0 <t< td=""><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				•						
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$\begin{array}{c} City of Bridgman & 1110 & 1 & July 1 & 15 & 632,106 & 0 & 0 & 0 & 0 \\ City of Cio & 2523 & 1 & July 1 & 13 & 509,200 & 0 & 0 & 0 & 1 \\ City of Arabor Sprin & 2405 & 1 & January 1 & 25 & 1,146,631 & 2 & 40,891 & 0 & 0 \\ City of Richmond & 5012 & 1 & July 1 & 10 & 455,727 & 1 & 25,586 & 0 & 0 \\ Clare, City of & 1804 & 2 & July 1 & 25 & 987,420 & 16 & 256,925 & 8 & 108,735 \\ Clare County Road Co & 1801 & 2 & July 1 & 36 & 1,238,972 & 46 & 547,721 & 0 & 0 \\ Clawson, City of & 6305 & 4 & July 1 & 30 & 1,806,265 & 52 & 1,405,048 & 2 & 23,060 \\ Clay Township & 7706 & 6 & July 1 & 33 & 1,635,316 & 15 & 174,935 & 3 & 18,626 \\ Clear vater Township & 4005 & 1 & April 1 & 1 & 31,702 & 0 & 0 & 0 & 0 \\ Clinton, Village of & 4602 & 2 & April 1 & 18 & 835,228 & 7 & 43,663 & 4 & 37,736 \\ Clinton County Road & 1901 & 3 & January 1 & 206 & 8,537,396 & 101 & 1,205,922 & 37 & 235,950 \\ Clinton County Road & 1901 & 3 & January 1 & 206 & 8,537,396 & 101 & 1,205,922 & 37 & 235,950 \\ Clinton County Road & 1901 & 3 & January 1 & 201 & 10,33,334 & 107 & 1,209,362 & 12 & 187,463 \\ Coldwater, City of & 1201 & 7 & July 1 & 31 & 1,508,430 & 55 & 857,878 & 14 & 145,644 \\ Coldwater Board of P & 1203 & 2 & July 1 & 26 & 1,289,626 & 35 & 536,511 & 6 & 78,316 \\ Coleman, City of & 5603 & 1 & July 1 & 7 & 289,835 & 6 & 82,514 & 1 & 7,206 \\ Coloma Township & 1107 & 1 & April 1 & 6 & 278,190 & 0 & 0 & 0 & 0 \\ Coumm Mental Hlth for & 3708 & 1 & October 1 & 304 & 12,841,572 & 73 & 1,018,323 & 100 & 725,653 \\ Corvith Township & 1107 & 1 & April 1 & 6 & 678,936 & 3 & 13,734 & 0 & 0 \\ Comm Mental Hlth for & 7708 & 1 & October 1 & 304 & 12,841,572 & 73 & 1,018,323 & 100 & 725,653 \\ Corvith Township & 0107 & 1 & April 1 & 6 & 61,587 & 0 & 0 & 0 & 0 \\ Crawford County & 2001 & 6 & October 1 & 304 & 12,841,572 & 73 & 1,018,323 & 100 & 725,653 \\ Corvith Township & 6904 & 1 & April 1 & 6 & 61,587 & 0 & 0 & 0 & 0 \\ Crawford County Rad & 2004 & 1 & January 1 & 23 & 641,811 & 6 & 116,386 & 0 & 0 \\ Crawford County Rad & 2001 & 6 & October 1 & 304 & 1,389,765 $				•					4	
$\begin{array}{c} City of Clio \\ City of Clio \\ City of Harbor Sprin \\ 2405 \\ City of Harbor Sprin \\ 2405 \\ Cliry of Richmond \\ 5012 \\ Clare County \\ 1804 \\ 2 \\ 1804 \\ 2 \\ 1804 \\ 2 \\ 1804 \\ 2 \\ 1804 \\ 2 \\ 1804 \\ 2 \\ 1801$							-		0	
City of Richmond         5012         1         July 1         10         455,727         1         25,586         0         0           Clare, City of         1804         2         July 1         25         987,420         16         256,925         8         108,735           Clare County         1802         4         January 1         145         46,89,048         53         603,902         15         75,327           Clare County Road Co         1801         2         July 1         30         1,806,265         52         1,405,048         2         23,060           Clary Township         706         6         July 1         33         1,635,316         15         174,935         3         18,626           Clarwater Township         4005         1         April 1         18         835,228         7         43,663         4         37,736           Clinton County         1903         6         January 1         206         8,537,396         101         1,205,922         37         235,950           Clinton County Road         1901         3         January 1         206         8,537,396         101         1,205,922         37         235,950										
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Crawford County20016October 1692,554,25953406,0091360,206Crawford County Rd C20024January 1321,297,30217245,913220,065Croswell, City of74012July 1301,389,76519339,05313,250Crystal Falls, City36033January 121906,13726428,085410,098Crystal Falls Comm H36182January 10051216,15077187,557	1									
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Crystal Falls Comm H         3618         2         January 1         0         0         51         216,150         77         187,557				•					4	
Davison,City of 2516 4 January 1 19 992,886 7 215,083 0 0	Crystal Falls Comm H		2	January 1	0	0	51	216,150		187,557
	Davison,City of	2516	4	January 1	19	992,886	7	215,083	0	0

#### Gabriel Roeder Smith & Company

	1		J1/2000 V		Results by N				
						Participant	Information	l	
		Number	Fiscal	Number		Number	Annual	Number	Annual
M	NT h	of Divisions	Year	of A stives	Active	of Detimore	Benefits	Deferred	Deferred
Municipality Name		Divisions	<u>Beginning</u>	<u>Actives</u>	<u>Salary</u>	<u>Retirees</u>	In Force	<u>Vesteds</u>	Benefits
Davison Township	2519	2 1	July 1 Marab 1	40 5	1,940,622	5 2	177,269 42,641	1 0	1,734 0
Deerfield, Village o Delta Charter Townsh	4603 2306	1	March 1 January 1	30	224,179 1,688,465	8	287,381	2	34,585
Delta County	2102	8	October 1	115	4,190,601	74	877,146	14	110,676
Delta County Rd Comm	2105	4	January 1	38	1,422,368	24	295,591	5	52,453
Delta-Menominee Dist	2103	2	January 1	49	1,642,677	9	39,182	25	165,443
Detour, Village of Detroit Housing Comm	1706 8241	1 2	April 1 July 1	7 137	134,306 6,215,231	3 0	10,183 0	1 0	359 0
DeWitt, City of	1908	3	July 1	18	883,385	8	115,630	13	49,222
Dewitt Charter Towns	1910	2	January 1	14	722,956	1	14,042	4	33,903
Dexter, Village of	8217	1	July 1	21	1,055,372	6	96,671	1	9,325
Dexter Township	8111 2206	1 7	April 1	11 96	226,825 3,299,225	2 49	15,429 802,119	$\frac{1}{20}$	1,426 153,995
Dickinson County Dickinson County Rd	2208	2	January 1 January 1	35	1,359,567	49 39	383,739	20 6	45,013
Dickinson-Iron Dist	3605	4	January 1	31	934,928	28	322,117	22	160,786
Dimondale, Village of	2304	1	March 1	5	204,211	2	12,797	1	14,135
Dist Hlth Dept No 2	6501	2	January 1	33	1,339,377	17	207,126	10	110,012
Dist Hlth Dept No 4 District Health Dept	7103 5104	1 2	January 1 January 1	47 46	1,746,410 1,986,226	21 75	357,821 1,028,332	12 24	78,458 128,238
Douglas, Village of	303	3	March 1	40	738,339	6	41,992	4	12,355
Dowagiac, City of	1401	6	October 1	58	2,399,160	45	759,506	13	90,251
Dowagiac District Li	1406	1	October 1	2	61,803	0	0	0	0
Dowagiac Housing Com Drummond Island Town	1405 1708	2 1	October 1 April 1	5 3	145,588 79,487	0 0	0 0	2 0	5,190 0
Dryden, Village of	4405	1	April 1	3	100,689	1	17,904	1	7,844
Dundee, Village of	5803	1	March 1	13	639,198	5	61,099	0	0
Durand, City of	7603	2	July 1	21	957,355	13	151,797	3	21,279
East China, Township	7701	1	April 1	17	854,931	10	222,161	1	19,525
Eastern UP Trans Aut East Grand Rapids,Ci	1705 4101	2 5	October 1 July 1	23 12	955,240 663,860	17 47	301,955 1,388,603	3 6	24,750 47,151
East Jordan, City of	1504	4	July 1	22	821,015	16	147,663	4	27,703
East Lansing, City o	3301	17	July 1	263	14,612,396	257	6,856,754	65	578,561
Eastpointe Housing C	5011	1	July 1	5	212,545	0	0	0	0
Eaton Co Medical Car Eaton County	2305 2302	4 10	January 1 October 1	132 386	3,724,984 16,700,534	34 171	213,080 3,848,984	7 37	64,029 282,428
Eaton Rapids, City o	2302	4	January 1	44	2,142,285	11	257,961	7	58,672
Eau Claire, Village	1104	1	March 1	4	102,118	3	31,987	0	0
Ecorse, City of	8206	7	July 1	56	2,965,559	157	3,180,247	8	79,550
Elderly Housing Comm	8222	2	January 1	14	445,618	9	102,598	1	11,057
Elkton, Village of Elsie, Village of	3206 1906	2 1	March 1 April 1	3 0	98,131 0	4 2	29,681 5,368	3 2	14,584 12,173
Emmet, Charter Twnsh	1310	2	April 1	24	1,077,516	5	108,613	2	5,056
Emmet County Rd Comm	2401	2	January 1	16	689,983	49	761,493	4	28,909
Escanaba, City of	2101	6	July 1	105	3,861,932	100	1,353,183	16	163,043
Essexville, City of Evart, City of	903 6705	6 1	July 1 July 1	21 11	870,893 424,255	22 2	361,632 33,568	2 4	14,116 31,944
Evart Local Dev Fina	6706	1	July 1	1	79,238	1	3,935	4 0	0
Farmington Comm Libr	6319	2	July 1	20	888,584	22	290,413	2	11,458
Fenton, City of	2505	7	July 1	54	2,996,270	26	362,392	3	14,621
Ferrysburg, City of	7106	1	July 1	8	350,877	5	25,391	4	6,889
Flat Rock, City of Flint Charter Townsh	8212 2512	6 2	July 1 January 1	80 60	4,263,917 3,409,798	36 5	867,374 178,333	1 5	9,344 51,331
Flint Public Library	2512	1	July 1	28	1,099,983	0	0	0	0
Flushing, Charter To	2515	3	April 1	24	1,076,319	2	19,773	2	4,069
Flushing, City of	2502	3	July 1	35	1,764,865	28	548,394	4	23,902
Forsyth Township Fowler, Village of	5212 1904	4 1	April 1 January 1	20 2	764,205 83,606	7 2	132,388 22,114	2 1	31,335 4,786
Fowlerville, Village	4705	1	February 1	10	475,841	8	95,452	5	35,108
Fowlerville District	4710	1	July 1	2	85,000	0	0	0	0
Frankenmuth, City of	7306	2	July 1	30	1,649,228	23	495,297	3	30,402
Frankfort, City of	1002	2	July 1	14	580,667	14	122,360	1	1,128
Franklin, Village of Fraser, City of	6323 5003	2 1	July 1 July 1	15 0	828,889 0	43	63,138 9,272	1 3	110 11,189
Fremont, City of	6203	2	July 1	28	1,331,170	19	320,060	3	24,701
Fremont Area Distric	6209	1	July 1	9	270,028	3	44,886	2	8,611
Gaastra, City of	3617	1	July 1	2	61,303	0	0	0	0
Gaylord, City of Genesee Charter Town	6903 2510	3 1	July 1 January 1	37 53	1,625,901 2,594,485	14 27	250,857 466,093	43	21,598 23,026
Genoa Township	4713	2	January 1 July 1	2	2,594,485 144,500	0	400,093	3 0	25,026
Gladstone, City of	2106	3	April 1	21	1,003,421	31	566,804	6	39,431
Gladwin, City of	2605	3	July 1	28	950,106	3	62,964	2	26,868
Gladwin CO. District	2607	1	January 1	8	193,115	2	12,844	1	11,293
Gladwin County Gladwin County Rd Co	2602 2601	8 2	January 1 January 1	99 34	3,328,133 1,342,266	46 32	480,334 659,469	22 1	117,882 21,908
Gogebic-Iron Wastewt	2703	1	January 1 July 1	54 6	260,852	52 4	76,639	0	21,908
Grand Blanc, City of	2513	4	June 1	34	2,035,041	2	88,268	1	8,181
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	1		51/2000 1	aluation -	Kesuits by iv	-	•		
						-	Information		
		Number	Fiscal	Number	A	Number	Annual Barrafita	Number	Annual Deferred
Municipality Name	Number	of <u>Divisions</u>	Year <u>Beginning</u>	of <u>Actives</u>	Active <u>Salary</u>	of <u>Retirees</u>	Benefits <u>In Force</u>	Deferred <u>Vesteds</u>	Benefits
Grand Blanc Charter	2511	3	January 1	50	2,940,411	11	305,717	1	354
Grand Haven, City of	7010	8	July 1	192	9,474,734	120	2,348,842	30	277,120
Grand Ledge Area Em	2310	1	July 1	9	405,824	0	0	1	3,834
Grand Rapids Housing Grand Trav. Pavilion	4108 2809	1 4	July 1 January 1	5 364	307,101 10,597,139	1 73	19,822 334,592	1 60	12,817 311,785
Grand Traverse Cnty	2809	2	January 1 January 1	19	714,176	49	638,744	4	22,528
Grand Traverse Count	2803	14	January 1	140	6,217,137	206	4,394,520	57	425,254
Grandville, City of	4102	6	July 1	29 70	1,557,268	43	900,835	14	134,550
Gratiot County Gratiot County Rd Co	2905 2903	5 2	January 1 January 1	79 42	3,144,483 1,691,578	78 46	727,933 614,365	22 3	165,684 15,654
Grayling, City of	2003	4	July 1	21	839,223	40 7	88,686	3	6,474
Green Oak Township	4708	1	April 1	13	697,732	0	0	1	16,696
Greenville, City of Grosse Ile Township	5906 8207	1 5	July 1 April 1	16 57	888,097 3,130,811	8 30	136,256 666,839	3 12	49,742 111,214
Grosse Pointe Park,	8207	5	July 1	84	5,215,093	80	1,596,460	5	41,491
Grosse Pte-Clntn Rfs	5004	2	July 1	0	0	16	194,972	4	56,251
Groveland Township	6335	2	April 1	14	486,656	1	15,971	0	0
Hackley Public Libra Hamburg Township	6114 4709	1 1	July 1 July 1	6 14	106,540 878,867	$0 \\ 2$	0 34,593	0	0
Hamtramck, City of	8205	11	July 1	127	7,067,406	281	6,231,332	16	143,550
Hancock, City of	3107	1	July 1	12	525,834	0	0	0	0
Harbor Beach, City o	3201 1803	5	July 1	21 12	923,848	12	114,002 64,288	5 3	38,046
Harrison, City of Hartland Deerfield T	4716	1 1	January 1 April 1	12	425,846 207,128	6 0	04,288 0	3 0	16,811 0
Hastings, City of	801	6	July 1	70	2,320,357	59	733,158	9	37,944
Health Source of Sag	7311	7	January 1	335	11,899,000	192	1,482,052	70	421,135
Helen Newberry Joy H Henika District Libr	4805 310	1 1	January 1 January 1	71 2	2,628,793 80,713	51 0	576,559 0	11 0	61,394 0
Herrick District Lib	7012	1	July 1	46	1,773,941	20	193,604	4	28,450
Hiawatha Comm MH Aut	1707	6	October 1	80	2,678,205	23	151,900	33	243,793
Highland Park, City	8227	1	July 1	18	1,156,793	52	1,805,710	9	181,703
Hillsdale, City of Hillsdale County Rd	3001 3004	9 2	July 1 January 1	81 50	3,710,353 1,767,724	44 23	597,067 221,592	17 2	141,850 7,620
Hillsdale County-She	3005	2	January 1	39	1,785,069	8	114,218	3	26,618
Holland, City of	7001	9	July 1	316	16,367,733	255	5,147,279	47	466,806
Holland Hospital Holland Swimming Poo	7006 7014	1 1	July 1 July 1	0 19	0 655,332	75 0	266,883 0	$20 \\ 0$	85,905 0
Holly, Village of	6317	3	July 1	32	1,473,040	16	294,676	3	42,804
Homer, Village of	1304	2	January 1	12	391,655	6	27,993	9	32,701
Houghton County Houghton County Road	3102 3103	7 1	January 1	95 8	3,619,208 362,174	60 11	799,542 240,956	14 0	74,350 0
Houghton Lake Public	7203	1	January 1 July 1	° 5	167,648	0	240,938	0	0
Howard City, Village	5902	2	March 1	5	154,526	7	56,776	2	3,447
Howard Township	1106	1	April 1	3	67,252	0	0	0	0
Howell, City of Howell Area Fire Aut	4702 4714	4 2	July 1 July 1	63 4	3,333,824 201,395	$40 \\ 0$	853,553 0	22 0	256,197 0
Howell Carnegie Dist	4707	1	July 1	9	388,891	2	10,009	1	3,357
Hudsonville, City of	7004	4	July 1	2	86,796	9	122,193	11	132,240
Huntington Woods, Ci Huron Charter Townsh	6303 8224	6 3	July 1 January 1	36 57	2,332,492 3,162,329	45 9	1,237,476 255,518	2 1	14,546 987
Huron County	3204	5	January 1	333	11,448,366	188	2,136,982	56	551,159
Huron County Rd Comm	3202	3	January 1	69	2,938,141	67	1,199,530	2	38,464
Imlay City, City of Independence Townshi	4404	2	July 1	21	1,003,199	7 2	76,428	11 0	49,298 0
Indianfields Townshi	6328 7905	1 1	January 1 April 1	33 6	2,165,130 94,148	6	25,533 21,087	3	5,754
Ingham County	3303	24	January 1	1,278	56,819,304	688	10,280,521	275	2,260,566
Ingham County Road C	3302	4	January 1	92	4,436,483	99	1,611,630	15	95,684
Interurban Transit A Ionia, City of	308 3403	1 6	October 1 July 1	6 55	219,527 2,589,693	0 27	0 453,105	0 11	0 112,132
Ionia Community Libr	3412	2	July 1	5	153,430	1	6,991	0	0
Ionia County	3408	6	January 1	61	2,647,053	3	43,879	7	52,697
Ionia County Road Co Ionia Housing Commis	3404 3406	$\frac{1}{2}$	January 1 October 1	41 4	1,763,406 152,165	38 1	694,567 28,870	1 0	7,396 0
Iosco County	3501	8	January 1	229	6,367,154	103	789,499	31	183,511
Iosco County Road Co	3502	2	January 1	39	1,521,651	21	252,766	1	9,990
Iron County	3606	10	January 1	311	8,816,274	141	775,313	29	137,844
Iron County Housing Iron County Road Com	3611 3602	1 3	October 1 January 1	4 26	170,858 1,041,098	2 45	5,218 520,887	2 1	3,879 14,616
Iron Mntn-Kingsford	2205	1	July 1	20 5	204,186	45	13,121	1	8,881
Iron Mountain, City	2201	3	July 1	27	1,096,548	45	711,224	3	19,194
Iron River, City of	3601 3709	1 1	July 1 October 1	26 12	968,514 438 777	29 0	210,639 0	3 1	5,829 24,790
Isabella Co. Transp. Isabella County	3709	9	October 1 October 1	254	438,777 9,310,653	118	1,181,175	1 62	413,248
Isabella County Rd C	3702	1	October 1	40	1,543,355	39	513,962	4	36,544
Ishpeming, City of	5204 5207	3	January 1	33	1,171,618	37	528,328	6	48,541
Ishpeming A J Wstwtr	5207	2	January 1	5	202,039	1	5,007	1	6,750

	1	ILING 12	151/2000 1		Results by N				
						Participant			
		Number of	Fiscal Year	Number of	Active	Number of	Annual Benefits	Number Deferred	Annual Deferred
Municipality Name	Number	Divisions	Beginning	<u>Actives</u>	Salary	<u>Retirees</u>	In Force	<u>Vesteds</u>	Benefits
Ishpeming Township	5216	1	April 1	11	244,973	3	23,550	0	0
Ithaca, City of	2904	3	July 1	11	428,217	14	200,489	5	31,189
Jackson,Cty Transpor Jackson District Lib	3805 3802	2 1	October 1 January 1	63 39	2,249,251 1,479,170	$2 \\ 20$	53,268 163,738	3 9	45,949 56,034
Jordan Valley Distri	1507	1	January 1 July 1	2	76,467	20	2,569	0	0
Kalamazoo Lk, Sewer	306	1	March 1	8	328,613	2	21,266	4	13,621
Kalamazoo Public Lib	3903	2	July 1	56	1,967,043	2	9,050	1	5,491
Kalkaska, Village of	4001	5	March 1	14	535,861	7	165,548	1	213
Kalkaska County Kalkaska County Rd C	4003 4002	6 2	January 1 January 1	96 33	2,927,848 1,123,414	37 34	335,738 505,498	17 2	118,408 12,459
Kalkaska Public Tran	4002	1	October 1	15	225,428	5	75,813	5	25,321
Keego Harbor, City o	6322	2	July 1	15	678,492	9	100,300	6	37,010
Kent County CMH Auth	4109	1	October 1	110	5,893,828	5	166,105	10	117,834
Keweenaw County Keweenaw County Rd C	4202 4201	2 1	January 1 January 1	19 21	571,743 813,214	6 14	36,435 245,945	2 0	12,873 0
Kinde, Village of	3209	1	February 1	1	30,614	14	13,674	0	0
Kingsford, City of	2202	3	July 1	22	838,246	16	165,767	2	2,040
L'Anse, Village of	705	1	July 1	19	741,645	8	160,969	3	14,736
Laingsburg, City of	7608 4301	1 4	July 1	7 123	201,594	$\begin{array}{c} 0\\ 28\end{array}$	0 159,925	1 24	1,548 64,372
Lake County Lake County Rd Commi	4301	4	January 1 January 1	35	3,782,751 1,274,704	28 29	398,031	24	31,614
Lakeland Library Coo	4106	1	October 1	11	441,097	1	12,416	0	0
Lake Linden, Village	3105	2	March 1	8	252,945	3	15,304	3	17,595
Lake Odessa, Village	3402	1	April 1	0	0	3	5,611	0	0
Lake Orion, Village Lakeshore Coordinati	6318 7007	4	July 1 October 1	19 6	826,567 233,578	11 2	259,961 34,323	2 1	6,170 3,173
Lansing Housing Comm	3311	1	July 1	49	1.946.221	16	247,922	8	66,538
Lapeer, City of	4401	5	July 1	78	3,820,997	42	560,279	15	95,230
Lapeer County	4403	10	January 1	703	23,105,837	209	2,010,704	95	584,050
Lapeer County Rd Com	4402 4410	5	January 1	60 25	2,748,943 816,687	49 12	625,922	3	26,568 1,983
Lapeer District Libr Lathrup Village, Cit	6311	1 4	January 1 July 1	18	984,077	12	110,192 322,452	2 1	27,839
Laurium, Village of	3104	2	March 1	12	369,110	12	78,968	2	6,187
Lawrence, Village of	8004	2	March 1	0	0	2	6,533	6	6,650
Leelanau County	4501	4	January 1	116	4,509,580	33	410,433	20	153,825
Leelanau County Rd C Leoni Township	4503 3804	1 2	January 1 July 1	41 35	1,456,425 1,437,814	13 11	129,780 180,193	4 7	37,037 49,263
Leslie, City of	3313	3	July 1	9	377,854	3	37,193	2	7,873
Leslie Township	3319	1	July 1	3	84,267	0	0	0	0
Lexington, Village o	7708	2	July 1	14	473,097	2	22,859	0	0
Library Network Lima Township	8218 8112	3 1	October 1	34 6	1,186,935 87,302	$20 \\ 3$	167,769 3,995	9 0	102,583 0
Litchfield, City of	3006	1	April 1 July 1	12	423,456	0	3,995	0	0
Livingston County	4703	8	January 1	503	23,335,744	208	2,815,476	81	601,987
Livingston County CM	4712	1	October 1	111	4,849,096	18	171,851	32	247,668
Livingston County Rd	4701	2	January 1	68	3,376,715	47	569,561	7	127,355
LMAS Dist Hlth Depar Looking Glass Region	4803 2311	2 1	October 1 January 1	91 3	2,926,587 140,738	$46 \\ 0$	266,539 0	116 1	397,683 710
Loutit District Libr	7013	1	July 1	16	530,772	2	27,456	0	0
Lowell, City of	4104	3	July 1	42	2,172,313	19	342,657	5	71,754
Luce County	4804	2	January 1	35	980,921	18	154,674	16	47,457
Luce County Rd Commi Ludington, City of	4801 5302	4	January 1 January 1	24 54	883,805 1,988,160	29 57	350,504 842,030	2 8	27,552 81,079
Ludington-Mason Dist	5302	1	January 1	11	276,275	4	31,082	0	0
Luna Pier, City of	5802	2	July 1	7	269,405	12	254,021	0	0
Lyons, Village of	3411	1	March 1	3	94,389	0	0	0	0
Mackinac Co. Housing Mackinac County	4905 4901	1 5	July 1 January 1	2 50	32,215 1,752,275	1 58	19,600 324,644	0 27	0 123,509
Mackinac County Rd C	4901	2	January 1 January 1	22	844,312	27	271,152	6	28,249
Mackinac Strts Hosp	4902	1	July 1	194	7,366,087	29	220,715	11	55,955
Madison Heights, Cit	6308	6	July 1	99	5,190,597	99	1,652,382	18	212,905
Madison Township	4605	1	January 1	11	447,972	4	30,794	1	9,825
Manistee, City of Manistee Cnty Rd Com	5105 5103	5 3	July 1 January 1	56 38	2,443,941 1,467,030	46 29	765,798 471,141	0 5	0 58,234
Manistee County	5103	11	January 1 January 1	272	9,155,329	114	941,244	50	232,197
Manistee Housing Com	5107	1	January 1	7	267,847	1	2,233	1	6,975
Manistique, City of	7504	3	July 1	28	1,171,801	27	463,924	1	963
Manlius Township Manton, City of	311 8304	1 2	April 1 December 1	6 7	100,101 244,579	0 7	0 98,530	$0 \\ 2$	0 10,368
Marenisco Township	8304 2704	2 1	April 1	4	244,579 119,762	0	98,530 0	20	10,368
Marine City, City of	7704	2	July 1		0	4	5,322	0	0
Marion, Village of	6704	2	March 1	6	168,561	4	19,769	2	1,851
Marlette, City of	7405	1	July 1	11	427,873	0	0	1	3,055
Marquette, City of Marquette Brd of Lig	5201 5209	12 5	July 1 July 1	134 60	5,197,495 3,467,875	100 89	1,708,312 1,749,698	15 3	143,453 54,578
Marquette Charter To	5215	2	January 1	14	597,845	1	7,158	2	18,389
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#### Gabriel Roeder Smith & Company

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						Participant	Information	l	
		Number	Fiscal	Number		Number	Annual	Number	Annual
Municipality Nome	Number	of <u>Divisions</u>	Year <u>Beginning</u>	of <u>Actives</u>	Active	of <u>Retirees</u>	Benefits <u>In Force</u>	Deferred <u>Vesteds</u>	Deferred <u>Benefits</u>
Municipality Name			-0 0		Salary				
Marquette Cnty Trans	5206 5202	2 13	October 1	22 361	688,696 11,359,064	6 198	62,465	2 58	11,136 379,227
Marquette County Marquette County Air	5202 5210	2	January 1 January 1	501	275,851	198	2,861,262 108,093	1	5,143
Marquette County Rd	5210	5	January 1	69	2,614,929	51	1,019,992	8	53,993
Marquette Waste Mgmt	5213	4	July 1	9	464,056	1	22,426	4	36,861
Marshall, City of	1306	5	July 1	91	4,091,944	66	1,310,761	11	107,276
Marshall Area Fire/A Marshall District Li	1313 1309	1 1	July 1 July 1	13 0	487,797 0	0 1	0 24,483	0 0	0 0
Mason, City of	3304	4	July 1	45	2,037,410	24	534,989	6	37,299
Mason County	5301	6	January 1	168	5,671,025	138	1,520,790	52	391,948
Mason County Road Co	5305	2	January 1	37	1,385,405	9	137,482	1	8,025
Mason-Oceana Cty Enh Mastodon Township	6403 3613	2 1	January 1 April 1	17 0	561,964 0	1 1	8,085 5,013	0 0	0 0
MBS International Ai	902	3	January 1	26	1,052,213	15	352,253	2	24,842
Meceola Central Disp	5405	1	July 1	17	595,261	2	15,236	3	13,814
Mecosta County	5403	9	January 1	89	3,375,889	84	815,590	44	290,256
Mecosta County Gener	5404 5401	2	January 1	0	0	83	534,596	126 4	526,598
Mecosta County Rd Co Melvindale, City of	5401 8215	3 7	January 1 January 1	49 63	1,704,406 3,816,093	40 56	387,419 1,385,821	4	24,340 64,460
Melvindale Housing C	8220	1	January 1	7	246,672	1	14,685	2	14,875
Menominee, City of	5501	3	September 1	48	1,703,677	42	341,339	12	81,098
Menominee County	5502	8	October 1	89	3,426,736	64	532,679	14	82,424
Menominee County Rd Meridian Charter Tow	5503	3 6	January 1	14	601,186	9 30	126,873 1,049,275	0 18	0 150,631
Metamora Township	3315 4409	1	January 1 April 1	133 7	6,803,481 309,409	30 0	1,049,273	18 0	150,051
Mich. Grand River Wa	3306	1	January 1	0	0	1	2,897	0	0
Mich S Cntrl Pwr Age	3002	3	July 1	44	2,547,127	14	239,948	12	121,989
Middleville, Village	803	3	January 1	8	350,681	5	21,070	2	6,453
Midland, City of Midland Auth for Cen	5601 5604	5 2	July 1 January 1	248 18	12,537,515 744,608	237 1	5,440,461 2,811	22 0	375,974 0
Midland County Road	5602	3	January 1	43	1,932,007	46	773,393	1	7,140
Mid Michigan Dist Hl	5901	5	October 1	83	3,148,011	35	264,140	18	124,442
Mid-Michigan Library	8306	1	October 1	5	173,995	1	16,247	1	8,582
Mid Peninsula Lbry C Milan, City of	3609 5801	1 6	October 1 July 1	0 25	0 1,233,706	5 23	26,874 472,112	1 7	9,643 87,977
Milan Library	5806	1	July 1 July 1	23	1,235,700	1	16,271	0	0
Milford, Village of	6313	6	July 1	31	1,901,777	19	395,804	6	46,252
Millington, Village	7904	3	March 1	4	171,120	3	42,935	2	39,703
MI Mun Emplys Ret Sy	2308	1	January 1	89	5,374,269	9	83,857	1	2,979
MI Municipal Risk Mg Missaukee County	8237 5702	1 2	July 1 January 1	1 29	193,698 1,139,818	0 5	0 48,293	0	0 14,510
M O A Solid Waste Mg	6002	1	January 1	6	189,255	2	37,237	0	0
Monroe Housing Commi	5808	1	October 1	6	204,589	3	86,456	0	0
Montague, City of	6112	2	July 1	16	794,117	3	43,061	3	28,868
Montcalm County Rd C	5905 6001	2 3	October 1	50 58	1,919,975 1,683,349	32 50	655,993 366,923	3 11	20,851 59,591
Montmorency County Montrose, City of	2509	2	January 1 July 1	58 6	215,846	2	26,609	4	31,043
Mt. Morris, Township	2503	4	April 1	56	3,007,034	35	778,787	8	66,578
Mt. Pleasant, City o	3701	3	January 1	103	4,015,854	55	797,038	19	131,163
Muir, Village of	3405	1	March 1	3	108,442	2	23,841	0	0
Mundy,Charter Townsh Munising, City of	2517 202	1 4	January 1 July 1	19 25	1,041,856 899,498	$1 \\ 23$	45,969 295,382	0 5	0 23,055
Muskegon, City of	6116	8	January 1	149	7,978,933	308	4,603,969	31	404,422
Muskegon County	6103	15	October 1	1,130	46,303,903	569	6,772,328	200	1,700,173
Muskegon County Rd C	6101	5	January 1	83	3,371,525	85	1,481,986	13	90,930
Muskegon Heights, Ci	6102	8	July 1	80	3,547,340	107	2,029,165	16 0	113,392
Muskegon Heights Hou Muskegon Housing Com	6115 6113	1	April 1 October 1	10 7	337,031 254,126	$2 \\ 0$	24,466 0	0	0 0
Negaunee, City of	5203	2	January 1	37	1,465,338	36	506,901	1	9,915
Negaunee Township	5217	1	April 1	4	141,936	0	0	0	0
NE Ottawa Dist Libra	7011	2	July 1	3	105,297	1	11,373	0	0
Newaygo County Newaygo Cty Mental H	6201 6207	8 1	January 1 October 1	80 3	3,127,892 213,703	78 4	928,439 90,532	21 2	101,094 25,137
Newaygo Medical Care	6204	4	January 1	146	4,026,583	78	483,421	21	105,022
Newaygo Soil/Wtr C	6205	1	September 1	3	91,039	0	0	1	5,271
Newberry, Village of	4802	5	January 1	20	691,707	20	214,123	4	17,997
N Houghton Cnty Wtr	3106	1	January 1 October 1	4	125,167	0	0	0	0
Niles District Libra N Muskegon, City of	1105 6104	1 3	October 1 December 1	14 17	419,143 769,712	0 15	0 261,766	0 4	0 12,635
No. Mich. Comm. Mntl	2403	1	January 1	0	109,712	15	5,300	4	12,035
Northfield Township	8117	1	July 1	11	487,705	0	0	0	0
Northport, Village o	4502	1	April 1	0	0	1	192	0	0
Northville, City of	8208	6	July 1	32	1,982,054	45	921,678	9	47,864
Northville District Northville Township	8229 8230	1 3	December 1 January 1	13 73	589,041 4,582,370	4 5	38,230 203,189		21,912 0
Northwestern Reg Arp	2805	2	January 1	20	874,363	5	51,632	3	31,409
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		Number	Fiscal	Number		Number	Information Annual	Number	Annual
		of	Year	of	Active	of	Benefits	Deferred	Deferred
<u>Municipality Name</u>	<u>Number</u>	<u>Divisions</u>	<u>Beginning</u>	<u>Actives</u>	<u>Salary</u>	<u>Retirees</u>	In Force	<u>Vesteds</u>	<b>Benefits</b>
Northwest MI Comm HA	1502	1	January 1	20	875,025	26	186,234	11	73,501
Norton Shores, City Norway, City of	6106 2204	7 4	July 1 July 1	98 31	5,179,608 1,506,267	67 42	1,580,629 820,150	8 0	43,988 0
Novi, City of	6320	9	July 1	262	15,488,975	72	2,172,759	36	455,820
N Pointe Behavioral	2207	4	October 1	72	3,152,146	14	141,118	26	167,292
Nrthrn Lakes Comm MH Oceana County	2808 6402	3 5	January 1 January 1	61 333	2,641,565 10,615,099	52 90	808,062 787,793	25 26	203,324 147,037
Oceola Township	4717	1	July 1	14	298,770	0	0	0	0
Ogemaw County	6502	5	January 1	112	3,438,846	62	620,916	20	120,270
Ogemaw County EMS Au Ogemaw County Rd Com	6508 6503	2 2	October 1 January 1	15 34	534,659 1,224,494	1 31	8,623 389,934	$0 \\ 2$	0 16,239
Olive Township	7009	1	April 1	3	65,661	2	8,110	$\tilde{0}$	0
Onaway, City of	7105	2	April 1	6	213,856	1	8,890	3	5,542
Ontonagon, Village o Ontonagon Cnty Econ	6603 6605	3 1	April 1 January 1	11 0	419,494 0	13 1	113,066 10,371	3 0	11,458 0
Ontonagon County	6602	3	January 1	50	1,475,917	25	215,903	14	62,574
Ontonagon County Rd	6604	1	January 1	47	1,834,676	37	560,952	1	12,229
Ontonagon Memorial H Orchard Lake, City o	6601 6312	1 4	April 1 July 1	163 12	5,898,206 732,677	81 7	603,703 98,628	9 2	52,376 18,594
Osceola County	6701	4	January 1	111	3,943,518	48	346,507	28	144,403
Osceola County Rd Co	6703	2	January 1	30	1,100,074	32	337,128	2	23,648
Oscoda Charter Towns Oscoda County	3503 6801	2 5	January 1 January 1	12 55	557,284 1,494,480	4 31	55,227 283,891	2 16	18,615 117,694
Otisville, Village o	2506	2	July 1	4	149,113	2	27,767	1	8,199
Otsego County	6902	9	January 1	166	5,342,789	57	588,423	44	284,412
Otsego County Rd Com Ottawa County	6901 7003	1 15	January 1 January 1	43 955	1,608,666 40,525,474	37 282	344,960 4,096,325	3 142	24,253 1,359,430
Ottawa County Cntrl	7008	2	January 1	10	431,536	5	46,939	5	33,155
Ottawa County Rd Com	7002	3	October 1	135	6,272,650	118	2,010,821	7	53,850
Otter Lake, Village Owosso, City of	4408 7607	$1 \\ 2$	March 1 July 1	1 7	30,044 357,822	0 10	0 216,636	$\begin{array}{c} 0\\ 0\end{array}$	0 0
Oxford, Village of	6326	1	July 1	18	757,976	5	124,938	1	1,154
Oxford Public, Fire	6327	1	January 1	13	545,323	12	293,787	4	33,220
Parchment, City of Pathways(Spr.Bhvl.Mn	3901 5214	1 7	January 1 October 1	12 127	491,139 5,560,215	10 144	92,526 2,198,721	1 84	6,407 528,486
Paw Paw, Village of	8002	4	March 1	33	1,377,429	14	286,255	3	28,772
Paw Paw Lk Reg Jnt S	1103	1	April 1	6	229,901	3	19,326	0	0
Pellston, Village of Pennfield Charter To	2404 1312	1 1	January 1 April 1	3 14	67,861 558,495	0 3	0 42,372	0 0	0 0
Pentwater, Village o	6401	2	April 1	9	372,329	6	53,301	4	17,998
Perrinton, Village o	2909	1	March 1	1	31,627	0	0	0	0
Petersburg, City of Petoskey, City of	5807 2402	1 4	July 1 January 1	6 70	202,097 3,574,398	0 62	0 772,048	0 12	0 156,233
Pewamo, Village of	3407	4	April 1	2	73,297	02	0	0	0
Pigeon, Village of	3203	2	March 1	6	218,596	3	50,122	2	11,993
Pinckney, Village of Pinconning, City of	4706 904	2 3	March 1 July 1	9 13	385,899 414,435	2 15	40,697 109,502	3 1	6,645 7,443
Pittsfield Charter T	8110	8	January 1	124	6,008,307	13	203,389	16	158,709
Pleasant Ridge, City	6301	4	July 1	9	498,713	14	257,857	12	63,762
Plymouth, City of Plymouth District Li	8202 8221	6 1	July 1 January 1	6 14	408,676 775,666	62 3	1,200,623 28,155	12 0	81,502 0
Plymouth Township	8238	3	January 1	66	4,414,902	5	249,065	0	0
Port Austin, Village	3208	1	March 1	5	149,659	2	10,864	2	1,589
Port Austin Area Swr Port Huron, City of	3210 7702	1 9	March 1 July 1	0 345	0 17,465,971	0 314	0 7,122,696	2 33	10,644 411,033
Port Huron Charter T	7711	1	January 1	18	741,687	1	24,120	0	0
Portland, City of	3401	3	July 1	34	1,704,351	29	448,370	7	49,171
Port Sanilac, Villag Presque Isle Cnty Rd	7403 7101	2 2	July 1 January 1	6 27	199,289 956,668	$     \frac{1}{42} $	14,329 517,026	2 0	10,436 0
Presque Isle County	7101	5	January 1	70	1,993,029	38	287,902	13	49,082
PRIDE Youth Programs	6210	1	October 1	2	130,526	0	0	0	0
Ravenna, Village of Reading, City of	6111 3003	1 1	January 1 July 1	4 5	161,704 154,375	0 3	0 6,374	1 3	5,749 2,411
Redford Township	8209	2	April 1	128	5,788,814	125	2,086,426	28	283,215
Redford Twp Dist Lib	8228	1	April 1	13	455,168	4	84,187	1	1,372
Reed City, City of Richfield Township(G	6702 2514	$2 \\ 2$	July 1 July 1	24 14	932,088 615,143	21 1	177,721 24,246	12 1	58,530 3,920
Richfield Twp(Roscom	7202	$\frac{2}{2}$	April 1	14	340,455	9	117,730	4	13,588
Richland Township	7310	2	April 1	12	416,198	3	53,080	2	1,360
Rochester, City of Rockford, City of	6307 4103	4 4	July 1 July 1	57 36	3,280,051 1,703,391	29 9	534,517 101,073	$\frac{4}{10}$	28,667 110,716
Rockwood, City of	4103 5810	4	July 1 July 1	36 17	843,358	2	31,478	10	110,716
Rogers City, City of	7102	3	July 1	28	1,009,518	21	406,424	5	25,391
Romeo, Village of Romeo District Libra	5005 5006	$\frac{4}{2}$	July 1 July 1	27 16	1,196,516 502,346	11 7	121,392 98,833	7 4	44,570 52,069
Romulus, City of	8225	2 5	July 1 July 1	79	5,358,087	28	1,288,918	4	3,980
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						Participant	Information	L	
		Number	Fiscal	Number		Number	Annual	Number	Annual
Municipality Name	Number	of <u>Divisions</u>	Year <u>Beginning</u>	of <u>Actives</u>	Active <u>Salary</u>	of <u>Retirees</u>	Benefits <u>In Force</u>	Deferred <u>Vesteds</u>	Deferred <u>Benefits</u>
			-0 0		-				
Roosevelt Park, City Roscommon County	6107 7201	4 4	December 1 January 1	16 142	785,016 4,774,659	12 50	160,358 553,560	6 24	45,901 141,888
Roscommon County Tra	7201	4	October 1	20	565,362	2	18,335	24	15,614
Rose City, City of	6504	1	July 1	3	89,925	2	18,150	4	8,912
Rose Township	6506	1	April 1	5	40,300	5	4,518	0	0
Royal Oak Township	6306	5 5	January 1	13	346,601	15	190,860	2	11,813
Saginaw, City of Saginaw Cnty Comm MH	7301 7318	5	July 1 October 1	175 39	8,307,523 1,327,155	442 58	9,473,026 814,220	21 38	342,834 278,345
Saginaw Co 911 Comm	7316	4	October 1	20	1,120,505	12	284,887	6	57,742
Saginaw County	7303	21	October 1	246	11,662,175	449	6,248,771	84	552,934
Saginaw County Rd Co	7304	4	January 1	79	3,491,129	94	1,519,765	7	92,066
Saginaw Housing Comm Saginaw Midland Mun	7321 7305	2 2	July 1 July 1	18 11	808,951 579,893	1 16	12,944 226,216	1 0	27,648 0
Saginaw Public Libra	7303	1	July 1 July 1	20	778,711	0	220,210	1	1,620
Saginaw Transit Syst	7319	1	October 1	11	507,909	Ő	Ő	6	53,297
Saginaw Twp Police D	7314	1	April 1	34	1,784,130	13	524,498	4	29,480
Saline, City of	8105	4	July 1	67	3,532,470	45	817,538	12	92,824
Sandusky, City of Sandusky District Li	7402 7404	3 1	March 1 January 1	23 2	947,463 62,296	8 0	99,815 0	1	16,354 4,656
Saranac Housing Comm	3413	1	April 1	5	146,936	1	17.005	0	4,030
Saugatuck, City of	307	1	July 1	4	150,494	4	15,768	6	47,106
Saugatuck Township	305	2	July 1	7	249,042	5	81,806	1	2,400
Sault Ste. Marie, Ci	1701	5	July 1	85	3,381,141	66	971,035	6	42,857
Sault Ste. Marie Hou	4906 7503	1	April 1	11 193	387,442	0 71	0	0 18	0
Schoolcraft County Schoolcraft County R	7505	8 1	October 1 January 1	26	5,090,532 1,161,701	35	795,434 608,836	18	88,847 10,717
Schoolcraft Memorial	7505	5	January 1	20 70	2,770,543	58	721,837	19	162,956
Scio Townshio	8116	1	April 1	4	183,171	0	0	0	0
S Clinton Co Mun Uti	1905	2	January 1	17	726,301	3	14,226	4	26,851
Sebewaing, Village o	3205	4	April 1	21	927,927	18	314,926	2	10,180
SE Oakland Co Resrc SE Oakland Co Water	6310 6309	2 2	July 1 July 1	19 24	730,343 1,296,844	26 18	371,658 352,472	6 2	49,971 4,216
Shepherd, Village of	3704	2	March 1	6	206,581	10	8,860	1	3,776
Shiawassee Council o	7605	1	January 1	8	189,455	3	12,858	0	0
Shiawassee County	7602	19	January 1	485	16,007,827	245	3,438,172	94	743,901
Shiawassee County CM	7609	3	October 1	83	3,151,692	27	280,057	58	239,329
Shiawassee County Rd Shiawassee District	7601 7606	5 1	January 1 December 1	46 6	2,025,001 281,340	47 1	916,133 22,959	4 1	26,486 9,577
Sims Whitney Utiliti	606	1	July 1	2	60,128	0	22,939	1	2,940
SMART	8216	6	July 1	928	42,543,387	447	5,516,628	180	1,365,151
Southeast MI Council	8210	1	July 1	76	4,438,314	37	806,870	27	262,537
South Haven, City of	8001	6	July 1	78	3,577,067	73	1,035,344	3	23,285
South Haven Emer Ser South Lyon, City of	8005 6315	2 4	January 1 July 1	13 49	732,540 2,610,258	1 16	26,844 203,245	$\begin{array}{c} 0\\ 4\end{array}$	0 17,313
Sparta, Village of	4107	4	January 1	19	909.281	5	106.955	4	7.735
Springfield, City of	1303	4	July 1	34	1,748,438	31	482,726	6	34,579
Spring Lake District	7016	1	January 1	8	261,717	0	0	0	0
St. Charles, Village	7308	2	April 1	10	451,551	5	69,073	3	18,528
St. Clair, City of St. Clair Area Fire	7703 7710	6 1	October 1 October 1	42 1	2,185,121 44,303	35 0	427,834 0	6 0	62,600 0
St. Ignace, City of	4904	3	January 1	35	1,259,745	17	217,081	4	26,178
St. Johns, City of	1902	2	July 1	37	1,732,517	32	661,257	6	53,082
St. Louis, City of	2902	4	July 1	13	654,213	30	429,130	8	53,310
Stambaugh Township	3615	1	April 1	1	33,432	1	5,302	0	0
Standish, City of Stanton, City of	601 5903	1 1	July 1 March 1	$4 \\ 0$	226,050 0	7 1	87,960 1,229	5 1	34,187 5,612
St Clair Shores Hous	5903	1	January 1	9	400,586	5	87,917	1	11,556
Stephenson, City of	5504	1	July 1	3	101,471	1	9,822	0	0
Sterling, Village of	605	1	April 1	1	31,127	1	4,976	0	0
St Joseph County	7803	2	January 1	45	2,119,734	15	311,208	6	62,205
St Louis Housing Com Stockbridge, Village	2908 3316	1 1	July 1 July 1	4 5	147,718 252,001	$0 \\ 2$	0 29,821	0	0 1,757
Summit Township	3803	2	April 1	36	1,499,371	15	312,858	1	15,849
Sumpter Township	8226	2	April 1	14	760,711	4	86,349	0	0
Superior Charter Tow	8109	2	January 1	24	1,369,100	3	90,664	0	0
Superiorland Lbry Co	5208 7200	1	October 1	3	112,275	0	0	1	4,390
Swan Creek Township	7309 2504	1 3	April 1	6 14	117,632 746 497	2	3,831 449,699	0 1	0 7 627
Swartz Creek, City o Sylvan Lake, City of	2504 6314	3 2	July 1 July 1	14 9	746,497 450,335	15 9	449,699 109,341	1	7,627 2,842
Tawas Police Authori	3504	1	July 1	6	229,207	2	18,473	1	7,572
Taylor Housing Comm	8231	1	April 1	5	209,924	0	0	0	0
Thirty-Fifth Distric	8234	1	January 1	17	758,170	4	103,325	0	0
Thirty-Fourth Distri	8235	1	July 1	30	1,264,706	1	29,073	1	8,800 52,816
Three Rivers, City o Three Rivers Hospita	7801 7802	5 1	July 1 July 1	69 0	2,966,472 0	30 2	450,443 3,416	7 0	52,816 0
Traverse Area Dist L	2807	1	January 1	48	1,662,259	10	85,610	1	6,080
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					-	Participant	t Information	l	
Municipality Name	<u>Number</u>	Number of <u>Divisions</u>	Fiscal Year <u>Beginning</u>	Number of <u>Actives</u>	Active <u>Salary</u>	Number of <u>Retirees</u>	Annual Benefits <u>In Force</u>	Number Deferred <u>Vesteds</u>	Annual Deferred <u>Benefits</u>
Traverse City, City	2801	4	July 1	150	7,921,231	130	2,137,192	21	203,435
Trenton, City of	8203	2	July 1	51	2,638,363	121	2,455,827	2	16,586
Tri-County Aging Con	3307	2	October 1	71	2,095,302	31	186,900	13	54,279
Trio Council on Agin	6507	1	October 1	0	0	2	14,348	2	7,439
Tuscarora Twp Pol Dp	1604	1	July 1	8	365,060	2	17,772	0	0
Tuscola Co Comm Mntl	7907	1	October 1	109	3,695,776	23	269,433	22	206,284
Tuscola Co Hlth Dpt	7901	1	January 1	36	1,376,380	15	149,666	4	17,845
Tuscola Co Med Care	7906	1	January 1	240	5,971,270	61	356,767	18	122,789
Tuscola County	7902	12	January 1	160	6,022,135	90	798,051	13	97,915
Tuscola County Road	7908 403	1 1	January 1	17 27	747,723 825,916	11 7	177,793 46,544	1 18	6,765 87,005
Twenty Sixth Jud Cir Twenty Third Judicia	8223	1	January 1 July 1	17	707,263	3	48,805	18	10,164
Twin Cities Pub Sfty	3610	1	July 1	0	07,205	1	1,471	2	8,904
Ubly, Village of	3212	1	March 1	5	178,673	1	26,163	$\tilde{0}$	0
Utica, City of	5008	3	July 1	21	1,050,708	3	109,206	0	0
Van Buren County	8006	10	January 1	196	7,885,157	18	315,532	6	45,558
Van Buren District L	8007	1	January 1	11	417,990	0	0	1	5,867
Van Buren Township	8236	2	January 1	43	2,878,825	0	0	0	0
Vassar, City of	7903	5	July 1	23	1,001,592	16	214,491	6	20,632
Vevay Township	3318	1	April 1	6	125,499	0	0	0	0
Vicksburg, Village o	3902	2	July 1 Marah 1	13 2	571,047 125,983	8	95,352 3,391	$\frac{4}{0}$	22,434
Vicksburg District L Vienna Township	3904 2522	1 1	March 1 January 1	11	375,606	1 0	5,591	0	0
Village of Bancroft	7610	1	March 1	1	34,201	1	7,884	0	0
Village of Bingham F	6332	1	July 1	2	152,880	0	0	Ő	0
Village of Farwell	1805	1	March 1	3	111,642	0	0	0	0
Village of Mackinaw	1606	1	March 1	5	228,445	0	0	0	0
Village of Spring La	7015	2	July 1	16	757,973	1	35,546	0	0
Wakefield, City of	2701	1	July 1	20	735,029	26	234,533	0	0
Walker, City of	4112	3	July 1	48	2,692,889	41	830,995	0	0
Walled Lake, City of	6324	5	July 1	42	2,344,612	18	445,111	7	56,785
Washtenaw County Rd Washtenaw County She	8102 8113	2 3	October 1 January 1	152 257	7,725,580 17,188,529	101 9	1,593,666 169,243	9 15	111,054 232,974
Wayland, City of	304	2	July 1	17	789,541	7	62,413	8	93,802
Webberville, Village	3314	1	April 1	4	135,002	1	15,128	2	6,519
West Branch, City of	6505	2	July 1	21	806,276	8	90,762	2	17,937
West Iron Co Sewer A	3612	1	July 1	4	122,254	2	38,158	0	0
Westland, City of	8211	8	July 1	210	10,177,100	206	4,841,626	20	255,994
Westphalia, Village	1907	1	March 1	2	79,234	1	2,348	0	0
Wexford County	8302	10	January 1	140	5,508,454	62	741,144	18	145,423
Wexford County Rd Co	8303	2	January 1	39	1,585,172	51	613,038	4	25,826
White Cloud, City of White Cloud/Sherman	6206 6211	1 1	July 1	7 3	227,455 111,505	2 0	10,477 0	3 0	17,397 0
White Cloud/Sherman White Cloud Comm Lib	6208	1	July 1 July 1	4	113,515	0	0	1	2,691
Whitehall, City of	6105	5	July 1	23	1,145,031	16	163.043	2	13,287
White Lake Charter T	6325	5	January 1	89	5,160,971	16	405,823	3	60,973
White Pigeon Village	7804	1	April 1	4	162,472	0	0	0	0
White Pine Library	5904	2	July 1	3	54,611	3	12,126	0	0
Willard Public Libra	1308	2	July 1	25	1,019,430	0	0	1	4,832
Williamston, City of	3310	4	July 1	21	944,214	14	217,119	2	14,806
Wixom, City of	6316	6	July 1	60	3,357,843	23	547,831	12	84,492
W MI Comm Mntl Hlth	5304	1	October 1	8 9	338,613	19 2	248,587	4 5	28,071
W MI Shoreline Reg D Wolverine Lake, Vill	6110 6329	$\frac{1}{2}$	October 1 July 1	9 11	395,863 571,447	2 5	45,914 110,539	5 2	21,236 9,788
W UP Dist Hlth Dept	3101	2	January 1	83	3,169,242	51	354,461	35	159,809
WUPPDR	3108	1	October 1	7	260,977	0	0	0	0
Ypsilanti, City of	8101	4	July 1	52	2,250,084	56	775,524	8	64,705
Ypsilanti, Township	8104	2	January 1	87	4,397,332	35	509,109	8	58,463
Ypsilanti Comm Util	8106	3	September 1	139	7,523,383	70	1,528,006	16	209,573
Ypsilanti Housing Co	8115	1	July 1	13	531,489	1	16,891	1	10,040
Totals - Active Groups	650	1,952		36,846	1,545,886,480	21,212	321,223,731	5,993	45,185,065
Totals - Closed Groups	18	22		0	0	252	1,298,914	242	925,680
Totals - MERS	668	1,974		36,846	1,545,886,480	21,464	322,522,645	6,235	46,110,745

# Actuarial Accrued Liability

		Employer	Employee	Retired	Total	Actuarial Value of	Percent
<u>Municipality Name</u>	<u>Number</u>	<b>Liability</b>	<b>Liability</b>	<u>Liability</u>	<u>Liability</u>	<u>Assets</u>	<b>Funded</b>
41B District Court	5014	1,165,773	644,785	2,078,302	3,888,860	2,840,507	73.0%
Addison Fire Departm	4607	94,542	0	0	94,542	44,145	46.7%
Adrian, City of	4601	15,292,838	4,784,191	24,488,264	44,565,293	38,692,642	86.8%
Albion, City of	1301 101	4,836,425	272,328 231,735	6,006,028	11,114,781	15,227,692	137.0% 69.1%
Alcona County Alger County	203	5,312,689 4,309,913	129,343	3,906,920 3,506,563	9,451,344 7,945,819	6,532,467 5,615,452	70.7%
Alger County Road Co	203	2,394,982	939,250	4,026,926	7,361,158	6,550,192	89.0%
Algonac, City of	7707	2,103,382	786,380	824,927	3,714,689	3,220,295	86.7%
Allegan, City of	309	2,352,669	4,530	763,288	3,120,487	1,804,868	57.8%
Allegan County	302	19,603,703	2,438,731	22,776,814	44,819,248	35,821,163	79.9%
Allegan County Rd. C	301	6,259,493	2,328,543	7,323,557	15,911,593	14,283,541	89.8%
Alma, City of	2901	5,449,191	2,317,102	8,516,621	16,282,914	16,375,987	100.6%
Almont, Village of	4407	815,843	228,767	326,729	1,371,339	1,108,161	80.8%
Alpena County	401	7,827,406	288,780	5,747,845	13,864,031	10,513,003	75.8%
Alpena County Rd. Co	402	4,735,013	188,255	3,933,516	8,856,784	8,008,528	90.4%
Alpena General Hospi	405 404	67,503,711	3,925,329	43,629,998	115,059,038	100,795,387	87.6%
Alpena Senior Citize Alpha, Village of	404 3614	257,801 23,344	0 0	477,835 0	735,636 23,344	295,823 31,615	40.2% 135.4%
Antrim County	502	15,599,302	928,633	7,337,797	23,865,732	19,624,905	82.2%
Antrim County Rd Com	501	4,086,761	150,556	6,062,088	10,299,405	6,480,184	62.9%
Arenac County	603	4,700,698	439,209	3,345,206	8,485,113	5,711,117	67.3%
Arenac County Rd Com	604	2,225,043	24,997	2,902,658	5,152,698	2,748,400	53.3%
Ash Township	5804	127,135	38,073	256,121	421,329	193,728	46.0%
Auburn, City of	905	842,124	251,254	299,411	1,392,789	1,274,864	91.5%
Au Gres, City of	602	1,106,688	0	619,660	1,726,348	1,098,437	63.6%
Bad Axe, City of	3211	2,617,708	351,443	1,797,378	4,766,529	2,820,513	59.2%
Bangor, City of	8003	562,076	154,390	613,341	1,329,807	2,010,305	151.2%
Baraga, Village of	704	864,606	0	1,471,769	2,336,375	1,504,954	64.4%
Baraga County	702	2,234,917	2,819	2,376,144	4,613,880	3,566,078	77.3%
Baraga County Memori Baraga County Rd Com	703 701	9,331,855 2,113,448	239,191 3,813	3,349,329 4,451,769	12,920,375 6,569,030	9,404,162 4,263,471	72.8% 64.9%
Baroda Township	1109	63,332	24,031	4,431,709	87,363	4,203,471 52,716	60.3%
Barry County	802	21,948,979	1,619,208	14,229,197	37,797,384	26,855,177	71.1%
Barry County CMH Aut	804	2,922,128	132,889	0	3,055,017	1,989,017	65.1%
Barry-Eaton Dist Hlt	2303	6,804,364	1,033,825	4,205,393	12,043,582	9,640,293	80.0%
Barton Hills, Villag	8107	459,128	0	121,815	580,943	469,895	80.9%
Bates Township	3616	166,175	0	121,395	287,570	136,500	47.5%
Bath Charter Townshi	1909	1,625,148	493,546	1,108,741	3,227,435	2,432,556	75.4%
Battle Creek, City o	1302	54,310,846	6,491,299	42,217,215	103,019,360	78,530,625	76.2%
Bay Area Transportat	2810	172,005	333,207	0	505,212	464,478	91.9%
Bay City, City of	901	16,892,296	1,911,067	44,930,289	63,733,652	38,615,076	60.6%
Bay City Housing Com Bayliss Public Libra	906 1702	2,550,049 279,178	119,762 81,021	2,979,506 222,234	5,649,317 582,433	4,424,373	78.3% 195.0%
Bay Metro Transit Au	907	5,731,099	173,146	1,668,176	7,572,421	1,135,751 3,996,705	52.8%
Beecher Met Dist Swg	2501	2,693,442	325,594	1,688,828	4,707,864	4,065,240	86.3%
Belding, City of	3410	422,717	175,920	1,061,347	1,659,984	795,754	47.9%
Belleville, City of	8213	2,978,905	164,465	1,644,088	4,787,458	3,242,376	67.7%
Benzie/Leelanau Dist	4504	321,819	0	71,333	393,152	324,614	82.6%
Benzie County	1003	5,329,767	132,463	3,374,180	8,836,410	6,628,113	75.0%
Benzie County Comm o	1006	320,652	0	242,367	563,019	382,362	67.9%
Benzie County MCF (M	1004	3,093,948	342,142	1,291,764	4,727,854	4,867,402	103.0%
Benzie County Road C	1001	2,558,399	254,262	3,378,257	6,190,918	2,995,004	48.4%
Benzie Shores Dist.	1005	114,121	14,617	0	128,738	113,825	88.4%
Berkley, City of Perrice Springs, Vil	6304	5,721,489	1,194,902	11,160,923	18,077,314	14,937,657	82.6%
Berrien Springs, Vil Bessemer, City of	1102 2702	1,520,392 422,592	110,865 215,156	657,176 1,400,392	2,288,433	2,408,797 1,853,682	105.3% 90.9%
Bessemer, City of Beverly Hills, Villa	6321	422,592 2,033,116	38,557	626,612	2,038,140 2,698,285	2,428,238	90.9% 90.0%
Big Rapids, City of	5402	7,117,228	439,029	3,250,202	10,806,459	7,810,016	90.0% 72.3%
Big Rapids Housing C	5406	875,126	52,193	205,264	1,132,583	707,723	62.5%
Birch Run, Village o	7315	286,516	208,595	74,056	569,167	469,411	82.5%
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#### Actuarial Accrued Liability

Municipality Name	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Bishop Intl Arpt Aut	2507	2,345,967	663,151	845,535	3,854,653	3,223,294	83.6%
Blackman Township	3806	1,542,450	1,037,662	2,350,715	4,930,827	2,800,020	56.8%
Blissfield, Village	4606	1,485,454	345,957	638,400	2,469,811	2,159,162	87.4%
Bloomfield Hills, Ci	6302	4,584,683	1,040,510	18,368,950	23,994,143	15,171,547	63.2%
Blue Water Area Tran	7709	2,430,937	41,838	386,167	2,858,942	2,380,408	83.3%
Boyne City, City of	1506	3,295,186	1,136,630	3,112,743	7,544,559	6,330,434	83.9%
Branch County Sherif	1205	452,107	122,052	78,899	653,058	547,846	83.9%
Brandon Township	6333	1,736,681	1,956,637	147,493	3,840,811	3,230,911	84.1%
Breckenridge, Village	2906	1,151,222	165,940	804,510	2,121,672	1,465,083	69.1%
Bridgeport Charter T	7307	2,640,184	235,074	3,146,920	6,022,178	4,458,568	74.0%
Brighton, City of	4704	6,572,325	294,951	3,305,510	10,172,786	7,375,710	72.5%
Brighton Area Fire A	4715	148,776	0	209,987	358,763	320,869	89.4%
Brighton Township	4711	633,323	271,655	300,765	1,205,743	1,153,725	95.7%
Britton, Village of	4604	64,589	63,724	52,929	181,242	244,858	135.1%
Brnch-Hllsdl-St.Josp	1202	4,748,680	1,091,976	3,402,090	9,242,746	9,318,862	100.8%
Bronson, City of	1204	204,724	81,006	92,732	378,462	251,253	66.4%
Brooklyn, Village of	3801	215,538	59,193	779,854	1,054,585	787,870	74.7%
Buchanan, City of	1101	1,548,366	841,958	3,052,542	5,442,866	6,641,401	122.0%
Buchanan District Li	1108	57,874	32,847	0	90,721	42,715	47.1%
Buena Vista Charter	7312	3,378,240	988,413	3,102,448	7,469,101	6,039,203	80.9%
Burton, City of	2508	14,054,460	1,480,758	17,041,630	32,576,848	15,180,869	46.6%
Butman Township	2604	98,224	0	0	98,224	115,706	117.8%
Cadillac, City of	8301	6,085,491	195,877	3,880,511	10,161,879	10,812,671	106.4%
Cadillac/Wexford Tra	8305	726,489	35,727	146,502	908,718	663,412	73.0%
Calhoun County	1311	7,321,716	6,208,857	8,335,143	21,865,716	9,078,283	41.5%
Calhoun County Road	1307	6,564,468	135,362	5,314,934	12,014,764	7,179,600	59.8%
Canton Public Librar	8232	1,163,863	774,657	737,395	2,675,915	2,021,108	75.5%
Canton Township	8233	21,940,173	23,117,000	23,558,330	68,615,503	47,405,556	69.1%
Capac, Village of	7705	511,593	974 750 207	1,228,760	1,741,327	891,010	51.2%
Capital Area Dist Li	3317 3305	1,313,058	759,307 177,926	0 6,321,909	2,072,365	1,897,743	91.6%
Capital Region Arprt Carleton, Village of	5805	5,923,520 271,793	166,629	166,857	12,423,355 605,279	8,091,185 525,013	65.1% 86.7%
Carrollton Township	7320	984,574	589,862	340,435	1,914,871	1,168,226	61.0%
Cascade Charter Town	4110	2,345,584	1,897,845	400,033	4,643,462	3,043,515	65.5%
Caseville, Village o	3207	756,740	249,840	154,054	1,160,634	793,201	68.3%
Caspian, Village of	3608	523,714	0	254,701	778,415	533,113	68.5%
Cass County	1402	5,836,733	2,910,530	7,194,438	15,941,701	13,626,173	85.5%
Cass County MCF	1403	1,496,022	1,079,689	975,086	3,550,797	4,257,369	119.9%
Cass District Librar	1404	183,692	75,441	234,385	493,518	678,222	137.4%
Cedar Springs, City	4105	929,790	352,565	1,109,043	2,391,398	1,970,967	82.4%
Center Line, City of	5001	1,443,104	545,551	5,780,424	7,769,079	6,133,781	79.0%
Central Dispatch of	6109	1,374,254	459,536	2,132,572	3,966,362	3,638,431	91.7%
Central MI Dist Hlth	3705	7,266,388	986,136	6,423,553	14,676,077	10,733,157	73.1%
Central Wayne County	8214	607,080	39,154	2,779,743	3,425,977	3,392,854	99.0%
Charlevoix, City of	1505	4,672,410	844,461	3,947,873	9,464,744	6,813,506	72.0%
Charlevoix Cnty Rd C	1501	2,603,691	151,986	3,282,844	6,038,521	4,609,785	76.3%
Charlevoix County	1503	18,442,961	578,518	8,707,662	27,729,141	19,939,148	71.9%
Charlotte, City of	2301	7,096,809	808,251	6,616,498	14,521,558	11,297,810	77.8%
Charlotte District L	2309	231,177	19,518	256,559	507,254	315,207	62.1%
Charter Twp of Muske	6108	5,315,137	1,655,735	4,972,842	11,943,714	10,136,134	84.9%
Cheboygan, City of	1602	3,111,211	1,013,188	3,932,583	8,056,982	6,297,233	78.2%
Cheboygan County	1603	7,706,472	1,923,729	4,318,310	13,948,511	12,064,231	86.5%
Cheboygan County Rd	1601	4,769,914	686,763	9,712,718	15,169,395	9,313,327	61.4%
Chelsea, Village of	8103	3,603,911	16,373	5,360,814	8,981,098	5,339,633	59.5%
Chesaning, Village o	7313	883,455	0	1,717,662	2,601,117	513,384	19.7%
Chesterfield Townshi	5009	4,621,866	2,549,280	989,954	8,161,100	4,891,010	59.9%
Chesterfield Townshi	5010	261,978	179,029	0	441,007	415,517	94.2%
Chikaming Township	1112	387,106	474,431	0	861,537	562,428	65.3%
Chippewa County	1703	15,191,337	1,787,769	9,423,670	26,402,776	22,719,301	86.0%
Chippewa County Rd C	1704	6,523,483	52,560	7,217,222	13,793,265	10,481,715	76.0%

#### Actuarial Accrued Liability

		Employer	Employee	Retired	Total	Actuarial Value of	Percent
Municipality Name	<u>Number</u>	Liability	Liability	<u>Liability</u>	<u>Liability</u>	Assets	Funded
Chippewa River Dist	3707	943,968	341,628	241,608	1,527,204	1,594,414	104.4%
City of Bridgman	1110	529,330	301,610	0	830,940	424,223	51.1%
City of Clio	2523	387,163	227,841	0	615,004	392,235	63.8%
City of Harbor Sprin	2405	1,086,772	1,265,217	436,717	2,788,706	1,807,310	64.8%
City of Richmond	5012	584,718	511,775	274,499	1,370,992	717,476	52.3%
Clare, City of	1804 1802	2,081,729 5,255,582	621,480 2,179,127	2,579,602 5,433,197	5,282,811 12,867,906	4,286,101 11,727,617	81.1% 91.1%
Clare County Clare County Road Co	1802	2,294,631	727,677	5,430,448	8,452,756	7,868,155	91.1% 93.1%
Clawson, City of	6305	6,076,290	184,379	14,822,506	21,083,175	11,685,908	55.4%
Clay Township	7706	3,302,995	786,995	1,752,461	5,842,451	3,312,400	56.7%
Clearwater Township	4005	45,972	0	0	45,972	36,418	79.2%
Clinton, Village of	4602	2,301,324	181,659	372,742	2,855,725	3,045,405	106.6%
Clinton County	1903	19,883,801	739,845	12,002,828	32,626,474	24,446,212	74.9%
Clinton County Road	1901	6,463,816	1,267,140	5,623,805	13,354,761	10,793,942	80.8%
Clinton-Eaton-Ingham	3308	55,129,876	6,605,913	31,712,432	93,448,221	69,474,175	74.3%
Clinton Township	5002	19,946,612	6,202,748	19,418,886	45,568,246	38,315,197	84.1%
Coldwater, City of	1201	4,638,101	1,659,159	7,543,845	13,841,105	13,369,490	96.6%
Coldwater Board of P	1203	4,159,756	584,090	4,682,332	9,426,178	7,333,373	77.8%
Coleman, City of	5603	676,767	174,013	900,616	1,751,396	1,085,779	62.0%
Coloma Township	1107	88,476	71,753	0	160,229	145,930	91.1%
Columbiaville, Villa	4406	74,705	62,362	134,424	271,491	217,873	80.3%
Comm Mental Hlth for	3708	24,905,033	1,626,264	10,297,518	36,828,815	34,292,941	93.1%
Coopersville, City o	7005	889,868	310,300	562,735	1,762,903	1,580,064	89.6%
Corunna City of Corwith Township	7604 6904	1,269,175 1,094	25,686 5,095	2,482,908 0	3,777,769 6,189	2,726,295 5,375	72.2% 86.8%
Crawford Cnty Trans.	2004	1,397,231	247,477	1,437,331	3,082,039	2,853,984	92.6%
Crawford County	2004	6,759,177	471,813	3,915,774	11,146,764	7,327,822	65.7%
Crawford County Rd C	2001	2,592,471	366,748	2,438,388	5,397,607	2,756,797	51.1%
Croswell, City of	7401	3,363,047	232,788	3,235,249	6,831,084	4,259,325	62.4%
Crystal Falls, City	3603	2,243,975	9,800	5,021,972	7,275,747	5,704,374	78.4%
Crystal Falls Comm H	3618	1,261,048	37,315	1,931,104	3,229,467	3,986,825	123.5%
Davison,City of	2516	2,692,120	285,022	3,168,615	6,145,757	3,626,961	59.0%
Davison Township	2519	2,193,543	1,608,507	2,392,647	6,194,697	4,007,512	64.7%
Deerfield, Village o	4603	574,281	52,165	412,027	1,038,473	957,576	92.2%
Delta Charter Townsh	2306	3,246,270	1,173,578	3,600,080	8,019,928	5,947,528	74.2%
Delta County	2102	12,766,897	368,578	9,942,686	23,078,161	17,033,695	73.8%
Delta County Rd Comm	2105	4,800,287	0	2,954,750	7,755,037	3,680,773	47.5%
Delta-Menominee Dist	2103 1706	3,767,481 247,899	439,202	400,156 97,284	4,606,839 345,183	5,808,990 204,292	126.1% 59.2%
Detour, Village of Detroit Housing Comm	8241	1,914,963	0 0	97,284	1,914,963	1,533,564	39.2% 80.1%
DeWitt, City of	1908	1,782,820	102,830	1,132,990	3,018,640	1,568,144	51.9%
Dewitt Charter Towns	1910	1,483,140	517,272	163,048	2,163,460	1,635,877	75.6%
Dexter, Village of	8217	1,551,003	391,288	1,043,258	2,985,549	2,176,383	72.9%
Dexter Township	8111	150,433	152,508	145,118	448,059	407,238	90.9%
Dickinson County	2206	8,890,274	1,043,659	9,781,455	19,715,388	14,880,858	75.5%
Dickinson County Rd	2203	3,761,203	187,381	3,397,004	7,345,588	5,700,600	77.6%
Dickinson-Iron Dist	3605	2,739,460	228,054	2,991,262	5,958,776	5,238,514	87.9%
Dimondale, Village of	2304	460,661	0	98,439	559,100	439,518	78.6%
Dist Hlth Dept No 2	6501	3,204,035	312,772	1,819,728	5,336,535	4,441,046	83.2%
Dist Hlth Dept No 4	7103	6,277,423	1,260,052	4,131,561	11,669,036	9,823,618	84.2%
District Health Dept	5104	9,338,025	249,338	10,776,351	20,363,714	13,477,983	66.2%
Douglas, Village of	303	1,231,464	12,219	420,149	1,663,832	1,280,631	77.0%
Dowagiac, City of	1401	4,211,166	1,594,564	8,335,122	14,140,852	8,178,435	57.8%
Dowagiac District Li	1406 1405	15,960 43 859	11,420 2,354	0	27,380	21,122	77.1%
Dowagiac Housing Com Drummond Island Town	1405	43,859 33,615	2,354 606	0 0	46,213 34,221	102,136 27,946	221.0% 81.7%
Dryden, Village of	4405	102,031	36,109	184,188	322,328	321,844	81.7% 99.8%
Dundee, Village of	5803	762,334	724,507	574,379	2,061,220	2,469,448	119.8%
Durand, City of	7603	2,408,046	96,517	1,160,376	3,664,939	3,076,108	83.9%
East China, Township	7701	2,143,565	536,627	2,533,577	5,213,769	4,209,488	80.7%
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#### Actuarial Accrued Liability

Municipality Name	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired Liability	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Eastern UP Trans Aut	1705	3,333,693	4,665	3,687,490	7,025,848	4,583,829	65.2%
East Grand Rapids,Ci	4101	2,360,678	406,272	14,976,590	17,743,540	12,731,436	71.8%
East Jordan, City of	1504	1,540,254	253,871	1,430,760	3,224,885	2,670,595	82.8%
East Lansing, City of	3301	54,039,407	2,725,792	74,337,693	131,102,892	95,551,414	72.9%
Eastpointe Housing C	5011	158,206	155,672	0	313,878	242,567	77.3%
Eaton Co Medical Car	2305	2,193,098	855,398	1,821,969	4,870,465	4,657,256	95.6%
Eaton County	2302	29,979,111	14,041,972	47,694,335	91,715,418	57,847,117	63.1%
Eaton Rapids, City o	2307	5,300,006	586,164	2,726,142	8,612,312	5,544,591	64.4%
Eau Claire, Village	1104	75,799	48,971	316,035	440,805	254,358	57.7%
Ecorse, City of	8206	8,217,001	145,796	32,316,780	40,679,577	25,113,975	61.7%
Elderly Housing Comm	8222	915,924	270,930	932,220	2,119,074	1,701,466	80.3%
Elkton, Village of	3206	166,191	142,354	203,177	511,722	483,667	94.5%
Elsie, Village of	1906	30,078	44,349	59,340	133,767	176,188	131.7%
Emmet, Charter Twnsh	1310	795,413	536,125	1,202,019	2,533,557	1,904,075	75.2%
Emmet County Rd Comm	2401	2,423,462	108,175	9,095,808	11,627,445	8,150,219	70.1%
Escanaba, City of	2101	12,889,533	192,926	13,849,428	26,931,887	18,681,596	69.4%
Essexville, City of	903	1,755,025	607,815	3,380,625	5,743,465	4,811,131	83.8%
Evart, City of	6705	868,822	46,294	353,328	1,268,444	980,924	77.3%
Evart Local Dev Fina	6706	181,901	50,276	37,874	270,051	219,943	81.4%
Farmington Comm Libr	6319	2,783,663	474,236	3,292,060	6,549,959	6,340,024	96.8%
Fenton, City of	2505	5,693,096	282,433	3,529,981	9,505,510	7,690,763	80.9%
Ferrysburg, City of	7106	756,434	208,659	216,537	1,181,630	734,844	62.2%
Flat Rock, City of	8212	6,495,672	2,175,957	8,533,593	17,205,222	10,454,562	60.8%
Flint Charter Townsh	2512	9,756,130	3,825,457	2,353,836	15,935,423	12,673,881	79.5%
Flint Public Library	2518	558,902	0	0	558,902	445,690	79.7%
Flushing, Charter To	2515	3,292,898	749,770	153,083	4,195,751	2,135,073	50.9%
Flushing, City of	2502	5,983,803	154,168	6,402,594	12,540,565	7,933,458	63.3%
Forsyth Township	5212	2,409,272	609,961	1,542,821	4,562,054	2,385,804	52.3%
Fowler, Village of	1904	68,513	0	202,165	270,678	235,473	87.0%
Fowlerville, Village	4705	1,120,005	329,207	1,172,733	2,621,945	2,711,637	103.4%
Fowlerville District	4710	114,816	31,893	0	146,709	124,482	84.8%
Frankenmuth, City of	7306	4,274,490	793,243	5,250,135	10,317,868	8,348,784	80.9%
Frankfort, City of	1002	905,971	113,426	1,271,386	2,290,783	1,633,928	71.3%
Franklin, Village of	6323	2,823,549	223,577	665,449	3,712,575	2,586,243	69.7%
Fraser, City of	5003	9,083	90,895	73,332	173,310	295,373	170.4%
Fremont, City of	6203	4,031,862	2,413	3,446,028	7,480,303	5,457,138	73.0%
Fremont Area Distric	6209	277,048	7,554	505,651	790,253	608,870	77.0%
Gaastra, City of	3617	122,703	0	0	122,703	85,197	69.4%
Gaylord, City of	6903	4,597,792	342,246	2,557,997	7,498,035	5,306,787	70.8%
Genesee Charter Town	2510	6,029,211	515,637	5,408,260	11,953,108	6,436,903	53.9%
Genoa Township	4713	42,982	1,778	0	44,760	35,704	79.8%
Gladstone, City of	2106	3,834,909	61,093	5,562,203	9,458,205	5,555,587	58.7%
Gladwin, City of	2605	1,401,478	583,493	701,353	2,686,324	1,501,707	55.9%
Gladwin CO. District	2607	391,294	105,979	82,020	579,293	570,114	98.4%
Gladwin County	2602	5,263,170	1,287,437	5,723,910	12,274,517	9,633,750	78.5%
Gladwin County Rd Co	2601	3,015,942	1,069,259	7,057,038	11,142,239	8,710,938	78.2%
Gogebic-Iron Wastewt	2703	592,660	175,168	933,306	1,701,134	1,066,950	62.7%
Grand Blanc, City of	2513	3,937,227	2,483,576	974,376	7,395,179	5,388,392	72.9%
Grand Blanc Charter	2511	5,887,702	1,301,545	4,212,545	11,401,792	5,544,219	48.6%
Grand Haven, City of	7010	29,396,600	4,217,714	24,936,729	58,551,043	62,578,921	106.9%
Grand Ledge Area Em	2310	355,615	87,434	0	443,049	309,591	69.9%
Grand Rapids Housing	4108	1,009,040	95,518	154,001	1,258,559	681,485	54.1%
Grand Trav. Pavilion	2809	11,345,222	848,720	2,911,716	15,105,658	10,843,781	71.8%
Grand Traverse Cnty	2802	3,031,245	50,073	6,129,865	9,211,183	7,619,448	82.7%
Grand Traverse Count	2803	22,293,674	299,904	51,576,963	74,170,541	36,695,376	49.5%
Grandville, City of	4102	5,899,796	308,831	9,217,482	15,426,109	10,039,232	65.1%
Gratiot County	2905	12,061,517	205,662	7,447,032	19,714,211	14,499,374	73.5%
Gratiot County Rd Co	2903	5,575,239	1,060,409	5,754,254	12,389,902	10,379,713	83.8%
Grayling, City of Green Oak Townshin	2003	2,019,718	0	843,325	2,863,043	2,456,343	85.8%
Green Oak Township	4708	1,765,125	246,681	0	2,011,806	1,077,690	53.6%

#### Actuarial Accrued Liability

Municipality Name	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired Liability	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Greenville, City of	5906	1,914,163	507,535	1,351,970	3,773,668	3,285,953	87.1%
Grosse Ile Township	8207	12,063,691	185,652	7,076,325	19,325,668	13,949,966	72.2%
Grosse Pointe Park,	8201	11,429,444	3,731,098	14,903,180	30,063,722	23,078,619	76.8%
Grosse Pte-Clntn Rfs	5004	182,090	156,818	2,104,182	2,443,090	3,070,331	125.7%
Groveland Township	6335	328,359	456,058	184,818	969,235	807,129	83.3%
Hackley Public Libra	6114	25,434	0	0	25,434	26,914	105.8%
Hamburg Township	4709	1,385,935	139,119	354,446	1,879,500	823,230	43.8%
Hamtramck, City of	8205	18,047,751	4,834,160	65,944,483	88,826,394	59,513,274	67.0%
Hancock, City of	3107	839,624	496,755	0	1,336,379	966,625	72.3%
Harbor Beach, City o	3201	2,477,012	1,061,602	1,109,326	4,647,940	4,697,755	101.1%
Harrison, City of	1803	1,208,817	234,931	654,994	2,098,742	1,716,196	81.8%
Hartland Deerfield T	4716	107,911	0	0	107,911	81,887	75.9%
Hastings, City of	801	5,766,211	324,401	6,876,601	12,967,213	8,831,735	68.1%
Health Source of Sag	7311	18,091,051	1,139,697	12,191,143	31,421,891	27,692,241	88.1%
Helen Newberry Joy H	4805	6,376,643	1,051,213	5,486,445	12,914,301	10,990,859	85.1%
Henika District Libr Herrick District Lib	310 7012	234,316	588	0 1,662,253	234,904	295,076 3,972,045	125.6% 78.6%
Hiawatha Comm MH Aut	1707	3,349,997 7,545,750	38,989 862,768	1,517,393	5,051,239 9,925,911	10,197,257	102.7%
	8227	2,567,253	2,416,723	18,923,602	23,907,578	4,910,459	20.5%
Highland Park, City Hillsdale, City of	3001	7,487,762	2,410,725 2,554,041	4,979,866	15,021,669	15,928,490	20.3% 106.0%
Hillsdale County Rd	3004	3,510,162	897,593	2,182,436	6,590,191	4,507,820	68.4%
Hillsdale County-She	3004	2,131,842	897,343	1,190,070	4,219,255	1,881,418	44.6%
Holland, City of	7001	43,914,140	2,445,880	48,869,420	95,229,440	77,806,202	44.0 <i>%</i> 81.7%
Holland Hospital	7001	544,731	42,421	1,853,820	2,440,972	2,949,084	120.8%
Holland Swimming Poo	7014	109,724	51,787	1,055,020	161,511	145,739	90.2%
Holly, Village of	6317	5,039,433	349,516	3,719,064	9,108,013	7,050,695	77.4%
Homer, Village of	1304	688,251	33,790	194,578	916,619	1,010,956	110.3%
Houghton County	3102	9,631,537	766,851	7,372,804	17,771,192	12,146,243	68.3%
Houghton County Road	3103	1,177,400	0	2,441,813	3,619,213	2,651,173	73.3%
Houghton Lake Public	7203	242,686	0	0	242,686	268,273	110.5%
Howard City, Village	5902	205,132	0	514,592	719,724	579,848	80.6%
Howard Township	1106	36,712	0	0	36,712	31,811	86.7%
Howell, City of	4702	6,392,626	1,099,142	8,719,664	16,211,432	10,328,269	63.7%
Howell Area Fire Aut	4714	382,473	35,299	0	417,772	294,239	70.4%
Howell Carnegie Dist	4707	706,345	2,777	62,847	771,969	678,556	87.9%
Hudsonville, City of	7004	551,850	67,873	1,265,664	1,885,387	1,243,277	65.9%
Huntington Woods, Ci	6303	5,301,519	1,174,686	12,063,668	18,539,873	11,324,100	61.1%
Huron Charter Townsh	8224	6,432,420	1,662,915	3,325,696	11,421,031	6,629,404	58.0%
Huron County	3204	28,068,049	8,430,578	22,482,970	58,981,597	52,552,198	89.1%
Huron County Rd Comm	3202	5,975,761	2,102,488	12,335,213	20,413,462	17,639,968	86.4%
Imlay City, City of	4404	3,317,807	18,183	733,204	4,069,194	3,354,216	82.4%
Independence Townshi	6328	3,995,536	787,489	222,081	5,005,106	3,602,797	72.0%
Indianfields Townshi	7905	116,187	0	155,956	272,143	55,544	20.4%
Ingham County	3303 3302	107,393,208 12,062,983	32,296,481	103,610,716	243,300,405	187,358,412 22,424,256	77.0% 78.4%
Ingham County Road C Interurban Transit A	302 308	676,740	776,729 12,088	15,750,449 0	28,590,161 688,828	723,433	105.0%
Ionia, City of	3403	6,626,085	225,894	4,735,520	11,587,499	5,886,360	50.8%
Ionia Community Libr	3403	265,100	225,894	70,623	335,723	194,497	57.9%
Ionia County	3408	2,633,246	804,802	496,321	3,934,369	3,122,716	79.4%
Ionia County Road Co	3404	3,800,546	491,824	7,947,707	12,240,077	4,335,091	35.4%
Ionia Housing Commis	3406	490,488	41,228	292,728	824,444	641,909	77.9%
Iosco County	3501	10,767,868	361,065	7,190,086	18,319,019	13,426,459	73.3%
Iosco County Road Co	3502	3,523,878	982,026	2,351,952	6,857,856	4,942,630	72.1%
Iron County	3606	10,761,911	1,667,429	6,750,427	19,179,767	16,550,352	86.3%
Iron County Housing	3611	338,045	0	45,924	383,969	274,811	71.6%
Iron County Road Com	3602	4,252,126	116	5,042,036	9,294,278	5,460,257	58.7%
Iron Mntn-Kingsford	2205	381,663	175,463	52,875	610,001	371,538	60.9%
Iron Mountain, City	2201	2,498,361	721,163	7,045,463	10,264,987	6,524,193	63.6%
Iron River, City of	3601	3,508,011	264,605	2,022,076	5,794,692	4,849,507	83.7%
Isabella Co. Transp.	3709	789,910	422,176	0	1,212,086	831,028	68.6%

# Actuarial Accrued Liability

<u>Municipality Name</u>	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Isabella County	3703	22,721,269	566,312	10,854,186	34,141,767	26,542,084	77.7%
Isabella County Rd C	3702	2,540,407	958,312	5,646,780	9,145,499	7,729,089	84.5%
Ishpeming, City of	5204	3,557,581	1,089,793	5,581,346	10,228,720	7,416,851	72.5%
Ishpeming A J Wstwtr	5207	413,930	150,496	38,434	602,860	523,597	86.9%
Ishpeming Township	5216	257,353	342,923	263,499	863,775	600,401	69.5%
Ithaca, City of	2904	975,309	393,839	2,252,597	3,621,745	2,808,295	77.5%
Jackson, Cty Transpor	3805	2,576,069	615,115	499,353	3,690,537	2,761,159	74.8%
Jackson District Lib	3802	1,591,070	657,247	1,712,335	3,960,652	5,202,405	131.4%
Jordan Valley Distri	1507	99,964	0	21,171	121,135	131,262	108.4%
Kalamazoo Lk, Sewer	306	739,459	5,325	150,616	895,400	694,192	77.5%
Kalamazoo Public Lib	3903	2,121,864	54,528	103,909	2,280,301	1,822,676	79.9%
Kalkaska, Village of	4001	1,316,803	232,647	2,067,197	3,616,647	2,563,989	70.9%
Kalkaska County	4003	6,444,126	504,674	4,015,960	10,964,760	9,825,531	89.6%
Kalkaska County Rd C	4002	2,503,950	708	5,672,329	8,176,987	4,805,545	58.8%
Kalkaska Public Tran	4004	414,000	58,820	920,247	1,393,067	1,038,088	74.5%
Keego Harbor, City o	6322	1,616,432	147,598	929,180	2,693,210	1,904,384	70.7%
Kent County CMH Auth	4109	9,266,016	2,267,536	2,027,675	13,561,227	15,459,931	114.0%
Keweenaw County	4202	1,167,229	110,409	338,371	1,616,009	1,148,280	71.1%
Keweenaw County Rd C	4201	2,690,639	19,937	2,398,454	5,109,030	4,056,396	79.4%
Kinde, Village of	3209	2,864	3,243	178,047	184,154	86,322	46.9%
Kingsford, City of	2202	2,403,867	650,862	1,644,397	4,699,126	4,264,643	90.8%
L'Anse, Village of	705	2,062,532	359,827	1,760,791	4,183,150	2,699,855	64.5%
Laingsburg, City of	7608	109,694	48,633	0	158,327	162,472	102.6%
Lake County	4301	5,185,775	470,790	1,317,409	6,973,974	5,809,738	83.3%
Lake County Rd Commi	4302	3,198,337	257,917	4,128,839	7,585,093	5,305,502	69.9%
Lakeland Library Coo	4106	429,923	135,906	111,393	677,222	636,798	94.0%
Lake Linden, Village	3105	687,319	0	119,863	807,182	595,720	73.8%
Lake Odessa, Village	3402	0	0	41,382	41,382	69,288	167.4%
Lake Orion, Village	6318	1,192,398	251,605	2,445,349	3,889,352	3,073,182	79.0%
Lakeshore Coordinati	7007	352,427	0	371,843	724,270	737,902	101.9%
Lansing Housing Comm	3311	4,477,501	25,847	2,257,284	6,760,632	6,638,634	98.2%
Lapeer, City of	4401	9,496,683	236,024	5,434,501	15,167,208	11,143,151	73.5%
Lapeer County	4403	41,036,299	2,109,908	19,045,287	62,191,494	55,548,007	89.3%
Lapeer County Rd Com	4402	4,277,948	1,860,476	5,851,751	11,990,175	7,553,887	63.0%
Lapeer District Libr	4410	1,784,296	205,767	1,284,787	3,274,850	2,306,941	70.4%
Lathrup Village, Cit	6311	1,860,794	644,629	3,322,223	5,827,646	5,249,771	90.1%
Laurium, Village of	3104	775,952	0	753,525	1,529,477	943,582	61.7%
Lawrence, Village of	8004	34,548	0	53,373	87,921	146,778	166.9%
Leelanau County	4501	10,177,163	297,266	3,829,730	14,304,159	10,141,500	70.9%
Leelanau County Rd C	4503	2,142,361	645,283	1,202,323	3,989,967	2,040,828	51.1%
Leoni Township	3804	1,845,134	1,318,039	1,663,436	4,826,609	4,229,446	87.6%
Leslie, City of	3313	883,468	181,232	363,595	1,428,295	886,768	62.1%
Leslie Township	3319	100,970	87,713	0	188,683	105,900	56.1%
Lexington, Village o	7708	969,207	176,305	217,586	1,363,098	948,888	69.6%
Library Network	8218	2,592,633	851,961	1,495,141	4,939,735	4,667,071	94.5%
Lima Township	8112	185,065	74,792	26,164	286,021	208,459	72.9%
Litchfield, City of	3006	231,404	313,587	0	544,991	393,684	72.2%
Livingston County	4703	44,955,413	586,127	29,983,369	75,524,909	57,441,045	76.1%
Livingston County CM	4712	8,066,142	523,029	1,639,387	10,228,558	9,418,586	92.1%
Livingston County Rd	4701	8,987,655	771,776	5,239,397	14,998,828	13,402,826	89.4%
LMAS Dist Hlth Depar	4803	4,327,933	8,286	2,583,564	6,919,783	7,188,329	103.9%
Looking Glass Region	2311	49,325	0	0 220.280	49,325	41,657	84.5% 84.3%
Loutit District Libr	7013	544,740	87,632	320,289	952,661	803,033	84.3% 74.7%
Lowell, City of	4104	4,649,246	1,627,266	3,031,892	9,308,404	6,949,856	74.7%
Luce County	4804	3,191,953	55,673	1,495,222	4,742,848	2,576,817	54.3%
Luce County Rd Commi	4801	3,579,531	3,879	3,713,859	7,297,269	4,333,860	59.4% 81.5%
Ludington, City of	5302 5202	5,660,919	20,881	9,117,290	14,799,090	12,064,006	81.5%
Ludington-Mason Dist	5303	1,100,398	5,906	317,119	1,423,423	1,127,065	79.2%
Luna Pier, City of Lyons, Village of	5802 3411	470,540 44,997	154,736	3,359,083 0	3,984,359	2,618,010	65.7% 79.9%
Lyons, vinage of	3411	++,777	14,424	0	59,421	47,449	17.7%

# Actuarial Accrued Liability

<u>Municipality Name</u>	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Mackinac Co. Housing	4905	39,535	0	314,060	353,595	227,330	64.3%
Mackinac County	4901	7,719,011	117,951	2,940,194	10,777,156	8,528,415	79.1%
Mackinac County Rd C	4903	3,359,578	8,972	2,743,600	6,112,150	3,844,294	62.9%
Mackinac Strts Hosp	4902	9,146,751	1,331,649	2,329,838	12,808,238	9,286,792	72.5%
Madison Heights, Cit	6308	12,843,240	1,003,462	15,834,640	29,681,342	25,391,829	85.5%
Madison Township	4605	295,459	194,160	178,030	667,649	493,593	73.9%
Manistee, City of	5105	3,436,333	2,523,242	7,003,127	12,962,702	13,972,151	107.8%
Manistee Cnty Rd Com	5103	4,484,513	0	4,965,059	9,449,572	4,318,522	45.7%
Manistee County	5101	17,831,173	1,206,486	8,591,803	27,629,462	21,872,750	79.2%
Manistee Housing Com	5107	84,450	120,230	17,435	222,115	317,826	143.1%
Manistique, City of	7504	3,701,232	29,271	5,604,240	9,334,743	5,158,435	55.3%
Manlius Township	311	232,571	42,694	0	275,265	139,556	50.7%
Manton, City of	8304	308,648	116,114	941,569	1,366,331	639,912	46.8%
Marenisco Township	2704	136,153	0	0	136,153	72,934	53.6%
Marine City, City of	7704	0	0	34,506	34,506	58,101	168.4%
Marion, Village of	6704	201,007	55,218	214,139	470,364	341,509	72.6%
Marlette, City of	7405	571,702	563,516	0	1,135,218	639,914	56.4%
Marquette, City of	5201	12,534,370	3,523,763	20,417,407	36,475,540	26,951,096	73.9%
Marquette Brd of Lig	5209	8,209,123	2,613,558	19,311,231	30,133,912	23,664,055	78.5%
Marquette Charter To	5215	624,470	406,539	53,449	1,084,458	637,142	58.8%
Marquette Cnty Trans	5206	1,108,057	321,619	686,810	2,116,486	1,853,124	87.6%
Marquette County	5202	30,585,083	3,387,618	32,321,527	66,294,228	46,346,569	69.9%
Marquette County Air	5210	1,039,197	45,730	1,270,010	2,354,937	1,419,957	60.3%
Marquette County Rd	5211	6,975,422	1,346,013	11,736,647	20,058,082	10,361,813	51.7%
Marquette Waste Mgmt	5213	677,147	237,050	235,453	1,149,650	800,384	69.6%
Marshall, City of	1306	7,630,142	3,184,642	13,207,901	24,022,685	22,495,650	93.6%
Marshall Area Fire/A	1313	34,346	44,373	0	78,719	68,980	87.6%
Marshall District Li	1309	0	0	276,340	276,340	247,973	89.7%
Mason, City of	3304	3,086,239	1,970,010	6,362,393	11,418,642	9,789,872	85.7%
Mason County	5301	17,462,583	77,400	16,213,844	33,753,827	30,701,195	91.0%
Mason County Road Co	5305	2,633,092	494,334	1,411,734	4,539,160	2,687,274	59.2%
Mason-Oceana Cty Enh	6403	694,770	181,611	86,970	963,351	712,203	73.9%
Mastodon Township	3613	0	0	48,176	48,176	51,883	107.7%
MBS International Ai	902	2,729,979	114,076	4,192,267	7,036,322	5,353,853	76.1%
Meceola Central Disp	5405	963,810	528	147,511	1,111,849	889,327	80.0%
Mecosta County	5403	14,001,212	542,659	8,758,443	23,302,314	20,156,336	86.5%
Mecosta County Gener	5404	2,819,612	357,805	4,692,966	7,870,383	8,823,965	112.1%
Mecosta County Rd Co	5401	2,818,668	1,339,265	3,530,271	7,688,204	7,306,608	95.0%
Melvindale, City of	8215	11,881,092	2,286,662	14,568,792	28,736,546	16,507,292	57.4%
Melvindale Housing C	8220 5501	536,978	7,842	136,751	681,571 7 556 008	470,344 6,491,001	69.0%
Menominee, City of	5502	4,546,069	196,518	2,813,421	7,556,008		85.9%
Menominee County Menominee County Rd	5502 5503	7,904,363 2,100,983	535,025 5,077	5,589,319 1,264,205	14,028,707 3,370,265	10,508,217 2,350,619	74.9% 69.7%
Meridian Charter Tow	3315	19,850,445	2,210,619	13,785,932	35,846,996	18,966,620	52.9%
Metamora Township	4409	309,381	87,666	13,785,952	397,047	314,122	79.1%
Mich. Grand River Wa	3306	0,581	0,000	14,831	14,831	13,097	88.3%
Mich S Cntrl Pwr Age	3002	5,798,756	273,247	2,437,037	8,509,040	6,118,262	71.9%
Middleville, Village	803	422,270	167,226	216,868	806,364	865,482	107.3%
Midland, City of	5601	35,997,361	3,023,516	62,167,801	101,188,678	76,147,020	75.3%
Midland Auth for Cen	5604	967,330	245,240	26,134	1,238,704	956,521	77.2%
Midland County Road	5602	3,696,548	1,150,201	7,140,481	11,987,230	8,418,073	70.2%
Mid Michigan Dist Hl	5901	3,388,861	471,807	2,332,953	6,193,621	5,542,334	89.5%
Mid-Michigan Library	8306	306,333	4,082	181,888	492,303	525,815	106.8%
Mid Peninsula Lbry C	3609	104,565	5,728	237,414	347,707	303,640	87.3%
Milan, City of	5801	3,901,354	125,051	5,629,813	9,656,218	6,302,165	65.3%
Milan Library	5806	129,481	0	151,023	280,504	206,361	73.6%
Milford, Village of	6313	5,275,610	142,684	3,726,143	9,144,437	6,326,257	69.2%
Millington, Village	7904	564,952	184,573	409,129	1,158,654	1,127,381	97.3%
MI Mun Emplys Ret Sy	2308	4,759,595	635,383	941,664	6,336,642	4,498,837	71.0%
MI Municipal Risk Mg	8237	161,437	175,434	0	336,871	266,862	79.2%
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#### Actuarial Accrued Liability

Municipality Name	Number	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
Missaukee County	5702	2,738,465	167,834	504,741	3,411,040	2,137,638	62.7%
M O A Solid Waste Mg	6002	280,751	0	443,114	723,865	541,342	74.8%
Monroe Housing Commi	5808	173,512	50,049	1,128,168	1,351,729	968,257	71.6%
Montague, City of	6112	1,677,002	502,344	466,560	2,645,906	2,068,591	78.2%
Montcalm County Rd C	5905	3,367,365	717,396	8,006,897	12,091,658	8,660,369	71.6%
Montmorency County	6001	3,770,643	47,559	4,090,762	7,908,964	4,836,066	61.1%
Montrose, City of	2509	492,859	43,335	304,560	840,754	419,306	49.9%
Mt. Morris, Township	2503	10,731,600	463,826	9,008,438	20,203,864	13,116,735	64.9%
Mt. Pleasant, City o	3701	8,687,095	2,448,899	7,725,742	18,861,736	15,966,193	84.6%
Muir, Village of	3405	157,766	26,961	244,816	429,543	244,513	56.9%
Mundy, Charter Townsh	2517	1,825,632	342,943	514,893	2,683,468	1,441,040	53.7%
Munising, City of	202	2,788,864	21,430	3,081,965	5,892,259	4,868,274	82.6%
Muskegon, City of	6116	16,719,573	6,066,597	40,751,293	63,537,463	63,652,163	100.2%
Muskegon County	6103 6101	103,880,425 5,819,692	6,716,994 292,577	64,653,025 14,081,067	175,250,444 20,193,336	150,499,461 16,887,675	85.9% 83.6%
Muskegon County Rd C Muskegon Heights, Ci	6102	5,443,490	2,361,659	22,087,585	29,892,734	26,973,198	83.0% 90.2%
Muskegon Heights Hou	6115	3,443,490	177,798	123,020	659,966	730,898	90.2% 110.7%
Muskegon Housing Com	6113	316,000	58,917	125,020	374,917	263,742	70.3%
Negaunee, City of	5203	3,946,154	54,442	5,334,888	9,335,484	6,824,499	73.1%
Negaunee Township	5205 5217	132,052	100,258	0,554,000	232,310	102,512	44.1%
NE Ottawa Dist Libra	7011	105,483	2,767	128,004	236,254	177,729	75.2%
Newaygo County	6201	10,602,368	136,122	8,947,133	19,685,623	17,533,131	89.1%
Newaygo Cty Mental H	6207	1,252,021	815	900,846	2,153,682	2,271,400	105.5%
Newaygo Medical Care	6204	3,336,561	1,150,338	4,491,629	8,978,528	9,066,545	101.0%
Newaygo Soil/Wtr C	6205	43,410	12,055	0	55,465	68,072	122.7%
Newberry, Village of	4802	1,506,872	15,962	2,110,508	3,633,342	2,672,693	73.6%
N Houghton Cnty Wtr	3106	239,899	0	0	239,899	173,951	72.5%
Niles District Libra	1105	345,350	99,039	0	444,389	461,839	103.9%
N Muskegon, City of	6104	1,552,468	604,682	2,981,159	5,138,309	4,032,896	78.5%
No. Mich. Comm. Mntl	2403	0	0	39,267	39,267	58,881	150.0%
Northfield Township	8117	212,318	347,070	0	559,388	401,658	71.8%
Northport, Village o	4502	0	0	641	641	459	71.6%
Northville, City of	8208	6,902,213	82,401	9,526,706	16,511,320	10,914,256	66.1%
Northville District	8229	1,171,174	0	340,789	1,511,963	1,196,493	79.1%
Northville Township	8230	5,947,995	3,930,592	2,742,444	12,621,031	8,006,422	63.4%
Northwestern Reg Arp	2805	2,508,152	48,583	436,235	2,992,970	2,511,119	83.9%
Northwest MI Comm HA	1502	3,058,507	20,873	1,485,252	4,564,632	3,947,725	86.5%
Norton Shores, City	6106	13,187,385	107,406	15,974,589	29,269,380	18,373,178	62.8%
Norway, City of	2204	3,262,273	793,965	9,585,964	13,642,202	8,186,174	60.0%
Novi, City of	6320	30,222,234	3,288,392	21,542,333	55,052,959	38,802,064	70.5%
N Pointe Behavioral Nrthrn Lakes Comm MH	2207 2808	4,843,221 10,424,170	807,450	1,223,900	6,874,571	7,198,665	104.7% 93.4%
Oceana County	2808 6402	12,202,948	62,742 2,986,318	8,792,279 7,302,768	19,279,191 22,492,034	18,010,035 18,845,279	93.4% 83.8%
Oceola Township	4717	142,859	2,980,918	7,502,708	375,051	261,920	69.8%
Ogemaw County	6502	8,674,151	2,234,528	7,055,878	17,964,557	16,249,870	90.5%
Ogemaw County EMS Au	6508	924,167	185,580	89,217	1,198,964	956,512	79.8%
Ogemaw County Rd Com	6503	2,491,245	850,698	3,390,537	6,732,480	4,645,994	69.0%
Olive Township	7009	123,808	46,947	86,220	256,975	237,683	92.5%
Onaway, City of	7105	365,426	17,534	55,376	438,336	420,635	96.0%
Ontonagon, Village o	6603	1,425,338	19,517	1,104,409	2,549,264	1,911,089	75.0%
Ontonagon Cnty Econ	6605	0	0	112,243	112,243	85,010	75.7%
Ontonagon County	6602	4,324,193	22,173	2,186,540	6,532,906	5,231,604	80.1%
Ontonagon County Rd	6604	8,743,387	0	6,123,606	14,866,993	8,084,136	54.4%
Ontonagon Memorial H	6601	6,611,052	2,581,730	5,131,406	14,324,188	11,678,365	81.5%
Orchard Lake, City o	6312	2,927,115	95,414	866,702	3,889,231	2,975,029	76.5%
Osceola County	6701	6,878,678	151,501	3,088,410	10,118,589	8,822,992	87.2%
Osceola County Rd Co	6703	2,863,089	197,470	3,319,751	6,380,310	5,369,204	84.2%
Oscoda Charter Towns	3503	1,461,014	454,143	696,434	2,611,591	2,012,946	77.1%
Oscoda County	6801	3,837,316	471,808	2,866,007	7,175,131	5,540,659	77.2%
Otisville, Village o	2506	424,636	34,118	340,069	798,823	725,167	90.8%

# Actuarial Accrued Liability

<u>Municipality Name</u>	<u>Number</u>	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>	
Otsego County	6902	10,305,907	760,064	5,605,532	16,671,503	11,833,430	71.0%	
Otsego County Rd Com	6901	4,425,152	74,530	3,150,162	7,649,844	6,281,809	82.1%	
Ottawa County	7003	86,779,978	7,498,204	44,156,701	138,434,883	116,418,835	84.1%	
Ottawa County Cntrl	7008	973,664	54,136	490,160	1,517,960	1,451,371	95.6%	
Ottawa County Rd Com	7002	16,173,815	1,565,434	20,794,599	38,533,848	31,130,701	80.8%	
Otter Lake, Village	4408	56,775	8,325	0	65,100	44,607	68.5%	
Owosso, City of	7607	1,007,627	312,162	2,305,852	3,625,641	3,662,770	101.0%	
Oxford, Village of	6326	1,027,199	2,715	1,268,668	2,298,582	1,665,829	72.5%	
Oxford Public, Fire	6327	461,902	18,433	3,097,114	3,577,449	2,629,865	73.5%	
Parchment, City of	3901	998,082	456,940	854,385	2,309,407	2,177,414	94.3%	
Pathways(Spr.Bhvl.Mn	5214	20,819,785	1,449,047	22,885,872	45,154,704	29,836,806	66.1%	
Paw Paw, Village of	8002	2,300,665	753,741	2,823,692	5,878,098	5,553,860	94.5%	
Paw Paw Lk Reg Jnt S	1103	681,784	147,785	168,197	997,766	901,393	90.3%	
Pellston, Village of	2404	177,589	33,286	0	210,875	147,407	69.9%	
Pennfield Charter To	1312	517,942	359,803	500,085	1,377,830	943,131	68.5%	
Pentwater, Village o	6401	534,563	157,785	546,812	1,239,160	1,061,762	85.7%	
Perrinton, Village o	2909	28,034	9,563	0	37,597	28,694	76.3%	
Petersburg, City of	5807	96,722	65,337	0	162,059	115,476	71.3%	
Petoskey, City of Pewamo, Village of	2402 3407	9,543,051 110,067	85,285 10,630	7,414,879 0	17,043,215 120,697	14,031,109 72,252	82.3% 59.9%	
Pigeon, Village of	3407	385,462	140,028	394,152	919,642	711,559	59.9% 77.4%	
Pinckney, Village of	3203 4706	948,072	225,797	411,853	1,585,722	1,313,075	82.8%	
Pinconning, City of	4700 904	574,174	237,999	989,938	1,802,111	1,518,666	82.8% 84.3%	
Pittsfield Charter T	8110	7,470,008	2,841,722	2,370,170	12,681,900	9,015,922	71.1%	
Pleasant Ridge, City	6301	1,404,902	3,971	2,417,612	3,826,485	2,672,862	69.9%	
Plymouth, City of	8202	2,979,368	21,585	13,616,030	16,616,983	9,869,612	59.4%	
Plymouth District Li	8221	1,826,547	131,365	304,712	2,262,624	2,541,742	112.3%	
Plymouth Township	8238	5,166,913	7,680,270	2,745,675	15,592,858	11,284,640	72.4%	
Port Austin, Village	3208	136,742	95,783	97,746	330,271	296,100	89.7%	
Port Austin Area Swr	3210	30,636	47,388	0	78,024	128,437	164.6%	
Port Huron, City of	7702	48,728,484	3,126,979	69,909,888	121,765,351	103,052,997	84.6%	
Port Huron Charter T	7711	748,792	951,724	273,315	1,973,831	1,392,015	70.5%	
Portland, City of	3401	4,681,241	230,732	4,007,642	8,919,615	6,642,678	74.5%	
Port Sanilac, Villag	7403	472,008	57,586	128,123	657,717	343,507	52.2%	
Presque Isle Cnty Rd	7101	3,332,620	83,527	4,680,680	8,096,827	6,096,661	75.3%	
Presque Isle County	7104	4,230,885	878,944	2,501,146	7,610,975	6,527,053	85.8%	
PRIDE Youth Programs	6210	422,629	0	0	422,629	341,970	80.9%	
Ravenna, Village of	6111	290,300	19,754	0	310,054	269,702	87.0%	
Reading, City of	3003	170,570	0	59,838	230,408	204,873	88.9%	
Redford Township	8209	17,558,393	965,416	20,577,675	39,101,484	31,958,330	81.7%	
Redford Twp Dist Lib Reed City, City of	8228 6702	674,784 2,400,483	48,429 11,040	850,881 1,686,942	1,574,094 4,098,465	1,411,904 2,929,086	89.7% 71.5%	
Richfield Township(G	2514	1,424,370	422,725	389,670	2,236,765	1,249,309	55.9%	
Richfield Twp(Roscom	7202	314,186	138,487	1,409,083	1,861,756	1,208,955	64.9%	
Richland Township	7310	1,874,522	56,803	700,912	2,632,237	1,552,746	59.0%	
Rochester, City of	6307	7,039,696	2,310,077	5,335,229	14,685,002	13,164,029	89.6%	
Rockford, City of	4103	3,335,808	55,499	1,034,835	4,426,142	3,166,104	71.5%	
Rockwood, City of	5810	1,187,542	0	308,622	1,496,164	1,526,534	102.0%	
Rogers City, City of	7102	2,720,975	619,739	4,479,685	7,820,399	5,965,596	76.3%	
Romeo, Village of	5005	3,157,776	210,323	1,148,572	4,516,671	3,588,475	79.4%	
Romeo District Libra	5006	837,512	163,287	1,044,929	2,045,728	1,344,188	65.7%	
Romulus, City of	8225	13,491,123	2,565,304	16,860,255	32,916,682	15,573,416	47.3%	
Roosevelt Park, City	6107	1,729,242	36,854	1,724,856	3,490,952	2,879,360	82.5%	
Roscommon County	7201	8,496,003	1,017,519	5,210,128	14,723,650	12,462,303	84.6%	
Roscommon County Tra	7205	1,312,475	4,471	176,480	1,493,426	1,137,692	76.2%	
Rose City, City of	6504	189,733	77,029	151,311	418,073	519,111	124.2%	
Rose Township	6506	30,609	15,265	30,386	76,260	236,502	310.1%	
Royal Oak Township	6306	552,493	212,628	2,035,285	2,800,406	5,182,188	185.1%	
Saginaw, City of	7301	22,353,421	6,433,614	107,567,605	136,354,640	75,075,398	55.1%	
Saginaw Cnty Comm MH	7318	6,072,171	186,356	8,259,602	14,518,129	10,958,957	75.5%	

#### Actuarial Accrued Liability

Dummenganin Name         Laboutty         Final Social S	M		Employer	Employee	Retired	Total	Actuarial Value of	Percent
Sagiane County Rd Co         7304         6.110.631         22.02.001         15.169.207         23.482.439         23.789.437         10.13.39           Sagiana Wunking Corma         7321         2.421.398         647.142         144.078         3.212.618         1.755.58           Sagiana Wulking Corma         731         325.528         154.426         0         480.054         7.245.538         1.755.58           Sagiana Transit Syst         731.3         50.23.00         0         721.999         905.528         133.7           Sagiana Transit Syst         731.4         5.040.408         730.554         6.009.479         12.380.411         1.363.816         42.25           Sandusky District Li         7404         9.353         33.932         0         127.285         113.110         88.9%           Sandusky District Li         701         8.14.901         8.00.590         2.01.1286         14.41.511         1.44.539         472.445         72.5%           Sauti Ske Marie Hou         4906         778.173         2.25.711         0         1.038.86         990.201         65.5%           Schooternt County         7593         3.02.2447         1.36.841         1.86.977         8.25.18.89         1.00.23.170         1.594.841	<u>Municipality Name</u>	<u>Number</u>	<u>Liability</u>	<u>Liability</u>	<u>Liability</u>	<u>Liability</u>	<u>Assets</u>	<b>Funded</b>
Saginaw County R4 Co         7304         6,110,631         2,202,601         15,169,207         23,482,439         23,789,437         101,3%           Saginaw Midland Mun         7301         2,421,398         647,142         144,078         3,212,618         1,755,588         54,7%           Saginaw Widland Mun         7317         53,52628         154,426         0         440,054         731,314         153,37%           Saginaw Transit Syst         7319         62,1330         100,669         0         721,999         965,284         74,37           Sandnsky, District I         7040         19,68,018         39,0551         86,6227         3,231,241         1,300,925         69,065           Sandnsky, District I         7040         93,353         3,3932         0         127,285         113,110         88,29%           Sanara, Housing Comm         303         22,501         0         10,05,86         999,241         642,128         642,85           Saugatuck Township         305         22,527,111         0         1,003,86         999,261         645,128         63,26           Sault Ste, Marie, Cu         7901         3,709,533         85,719         990,541         642,128         64,29           Sault								
Saginaw Housing Comm         721         2.421.398         647.142         144.078         3.212.618         1.755.858         54.7%           Saginaw Mulaina Mun         7315         1.046.968         3.251.186         1.046.283         3.261.437         2.456.324         75.2%           Saginaw Trup Police D         7314         5.040.408         730.554         6.669.479         12.380.41         1.363.816         42.2%           Sandusky, City of         7404         9.353         33.392         0         12.285         113.110         88.9%           Sandusky, City of         7404         9.353         33.932         0         12.285         113.110         88.9%           Sangusky, City of         307         99.341.430         1.866.27         7.87.164.421         1.164.421         1.164.421         1.164.421         1.164.421         1.164.423         5.33.81         5.866.27         1.36.420         1.065.37         3.28.97         6.003.99         0.901.102.56         1.943.932.7         6.66         3.23         9.66.85         5.66.61.84.911         1.164.421         1.164.428         5.34.85         5.66.62.32         1.030.11.80         1.66.64.24%         5.34.85         5.66.62.32.89         1.030.31.70         5.98.56.61         7.31.84 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
Suginaw Midland Mun         7305         1.046,068         253,186         1.064,283         3.204,477         2.450,342         75.2%           Saginaw Tunsit Syst         7319         621,330         100,669         0         721,099         965,285         133.7%           Sadina, City of         8105         8.181,491         186,025         7.871,908         162,391,414         13,402,425         69,474           Sandusky, City of         7402         1.968,018         396,951         866,272         3231,241         1,363,816         42,22%           Sandusky, Distric Li         7404         93,353         33,932         0         127,248         113,110         88,99%           Saugantick Township         305         524,352         6689         768,500         999,541         642,128         64,22%           Suit Ste. Marie Hou         906         778,173         2,257,11         0         10,03,886         969,201         96,5%           Schookraft Courly         7503         10,168,600         1,782,773         8,251,897         20,203,101,04         66,603,45         63,4%           Schookraft Courly         7503         10,168,600         1,782,773         8,251,897         20,203,110,29         2,634,430         10,					, ,			
saginaw Public Libra7317325,628154,22604400,47731,304152,356Saginaw Tansit Syst7319621,330100,6690721,999965,285133,7%Saginaw Tep Police D73145,040,408730,5546,609,47912,380,41419,266,38474,9%Sandusky Distric Li74041,968,018396,951866,2723,231,411,362,81642,2%Sandusky Distric Li740493,35333,9320127,285111,1088,9%Sanama Housing Comm3413172,292156,314144,513442,04872,5%Saugatuck, Township305224,3526,689768,500999,541642,12864,2%Sauth Ste, Marie, Ci17018,194,9053314,8018,600,59020,01,02619,430,32796,6%Sauth Ste, Marie Hou4906778,175225,71101,003,86969,20196,5%Schoolcraft County75013,790,55387,2626,623,34910,501,44813,134,1284,7%Sci Townshio8116128,55747,6860176,24389,72650,9%S Chauchard County75013,790,53387,2623,197,3897,120,4744,883,74184,7%S Ci Townshio8116128,57747,6860176,24389,72650,9%S Ci Townshio8116128,57747,6860176,24389,75229,2%S Ci Ownshio8116128,57612,074								
Saginaw Transit Syst         7319         621,330         100.669         0         721.99         965,285         133.7%           Saginaw Top Police D         7314         5.040,408         730,554         6.609,479         12,380,441         13.00,925         69.06%           Sandusky, City of         7402         1968,018         396,951         866,272         3231,241         1.362,816         42.2%           Sandusky, District Li         7404         93,353         33,932         0         127,285         113,110         88.9%           Sauganuck Township         307         963,403         28,106         144,539         473,145         342,948         72,5%           Sauganuck Township         307         963,803         23,7173         8,251,897         20,203,104         16,663,345         63,445           Sault Nic Marie Hou         906         778,175         22,5711         0         1,003,886         969,201         95,5%           Schoolermil County         7501         1,016,8500         1,782,773         8,251,897         20,203,104         8,600,345         63,446           Schoolermil County         7501         1,309,362         447,717         14,450         1,91,359,412         8,746         8,852								
Saginar Top Police D73145.040.008730.5546.609.47912.380.4119.266.84874.9%Saline, City of8105810.541196.0257.871.90816.239.42411.30.92569.6%Sandusky Distric Li74049.3,5333.9320127.28511.11088.9%Sanan Housing Comm3413172.292156.314144.539473.145342.94872.5%Saugatuck, Township305224.3526.689768.500999.541642.12864.2%Saudut k: Township305224.3526.689768.500999.541642.12864.2%Sault Ste. Marie Gu4906778.175225.71101.003.486969.20196.5%Schoolcraft County75033.016.85,001.782.773825.189720.203.17015.944.51779.1%Schoolcraft County75013.790.55387.2626.623.28910.501.1466.660.34563.4%Sci Torovnshio8116128.55747.6860176.24389.72650.9%Sc Cohon Uli19051.393.62447.71714.4501.504.84313.241284.736Sc Cohon Uli916236.676121.07491.1295.034.834.325.9407.2%SE Oakland Co Neur63093.815.825107.3623.197.3897.120.4764.483.7418.66.778Sc Cohon Uli9203.205.761121.07491.1295.240.9411.141.3147.8.5%Shiawassee County<								
					866,272			
Saugatuck, City of         307         963,403         28,106         144,911         11,64,20         1.065,473         93.8%           Saugatuck, Township         305         224,352         6.689         768,500         999,541         642,128         64.2%           Sauht Ste, Marie Hou         4906         778,175         225,711         0         1.003,886         699,201         96.5%           Schoolcard County         7503         10,168,500         1,782,773         8.251,897         20.203,170         15.944,517         79.1%           Schoolcard County         7505         5.942,166         2,352,743         7.209,929         15.504,838         13,135,412         84.7%           Scio Townshio         8116         1.285,57         447,717         144,450         1.331,252         2.038,430         105.5%           Schwaing, Village o         3205         2.008,618         693,891         2.937,119         5.639,628         4.252,940         7.67%           Ste Cakland Co Water         6310         3.815,825         103,301         222,711         30,401         15.55         35.654         103,301         223,711         90,401         15.4383         14.551         35.564         13.390,791         445.077         82.6%							113,110	
Sauft Ste. Marie, Ci17018,194,9053,314,8018,600,59020,10,29619,430,22796,6%Schoolcraft County750310,168,5001,782,7738,251,89720,203,17015,984,51779,1%Schoolcraft County R75013,790,55387,2626,623,28910,1016,660,34563,4%Schoolcraft Memorial75055,942,1662,352,7437,209,29215,504,84813,135,41284,7%Scio Townshio8116128,557447,717144,4501,931,5292,038,401105,5%Schowaing, Village o32052,008,618693,8912,937,1195,539,6284,325,94076,7%SE Oakland Co Resrc63101,267,34746,5773,455,3994,769,3234,395,52292,2%SE Oakland Co Water63093,815,825107,2623,197,3897,120,4764,883,74168,6%Shiawassee County760234,057,57636,059,64678,161,8752,366,77567,0%Shiawassee County CM76013,786,6741,191,58010,262,68715,240,94111,141,31473,1%Shiawassee County CM76013,786,6741,191,58010,262,6871,240,14111,41,31473,1%Shiawassee County CM760043,897001,430,347115,42880,22%SMART82,1012,62,3782,417,06010,774,50312,244108,5%Shiawassee County CM760043,897001,430,377112,424 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Sault Sie, Marie Hou4906778,175225,71101.003,886966,20196,5%Schoolcraft County R750110,168,5001,782,7738,251,89720,203,17015,984,51779,1%Schoolcraft County R75055,942,1662,352,7437,209,92915,504,83813,135,41284,7%Scio Townshino8116128,55747,6660176,24389,72650,9%S Clinton Co Mun Uti19051,339,362447,717144,450105,5%24,325,24076,7%S E Oakland Co Resrc63101,267,34746,5773,455,3994,769,3234,395,52292,2%S E Oakland Co Resrc63101,267,34746,5773,455,3994,769,3234,395,52292,2%Shiawassee County760241,052,01510,35,263,605,64671,87952,366,77567,0%Shiawassee County R76013,786,6741,191,58010,262,687152,40,94111,141,31473,1%Shiawassee District7606739,321336,285214,5611,290,167140,422108,5%Shiawassee District7606739,321336,285214,5611,290,167140,422108,5%South Haven, City of80155,462,9732,117,0609,910,8677,572,52,14132,346,91484,0%South Haven, City of63155,242,21037,546,7411,194,130113,98,9891,681,782,28%South Haven, City of80155,242,21037,642,573 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
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Scio Townshio8116128,55747,6860176,24389,72650.9%S Clinton Co Mun Ui19051,333,62447,717144,4501,931,5292,038,430105,5%Sebewaing, Village o32052,008,618693,8912,937,1195,639,6284,325,52292,22%SE Oakland Co Water63093,815,825107,2623,197,3897,120,4764,883,74168,6%Shepherd, Village of3704115,75633,654103,301252,711390,401154,5%Shiawassee County760241,052,0151,053,52636,059,64678,165,18752,366,77567,0%Shiawassee County CM76004.996,71637,1002,509,0897,542,9057,509,63399,6%Shiawassee County CM7600739,321336,285214,5611,290,1671,400,342108,5%Southeast MI Council821697,784,6305,866,19454,074,390157,25,214132,246,91484,0%South Haven, City of80115,462,9732,117,0609,910,8677,490,90020,471,936117,0%South Haven, City of63155,242,210376,4251,866,3607,484,9955,645,94775,4%SpringField, City of63155,242,210376,4251,866,3607,484,9955,645,94775,4%SpringField, City of13033,225,787625,5524,494,7448,461,6137,390,73888,6%SpringField, City of13033,225,78665,5								
S Cinton Co Mun Uit 1905 1, 339,362 447,717 144,450 1,931,529 2.038,430 105,5% 2 sebewaing, Village o 3205 2,008,618 693,891 2,937,119 5,639,628 4,325,940 76,7% SE Oakland Co Resc 6310 1,267,347 46,577 3,455,399 4,769,22 4,395,522 92.2% SE Oakland Co Water 6309 3,815,825 107,262 3,197,389 7,120,476 4,883,741 68,6% Shepherd, Yullage of 3704 115,756 33,654 103,301 252,711 300,401 154,5% Shiawasee Counti 0 7605 326,876 121,074 91,129 539,079 445,077 82,6% Shiawassee County CM 7609 4,996,716 37,100 2,509,089 7,542,905 7,509,633 99,6% Shiawassee County Rd 7601 3,786,674 1,191,580 10,262,687 15,240,941 11,141,314 73,1% Shiawassee County Rd 7601 3,786,674 1,191,580 10,262,687 15,240,941 11,141,314 73,1% Shiawassee District 7606 739,321 33,6285 214,561 1,290,167 1,400,342 108,5% Shiawassee District 7606 749,321 33,6285 214,561 1,290,167 1,400,342 108,5% Shiawassee District 7606 749,321 33,6285 214,561 1,290,167 1,400,342 108,5% Shiawassee District 7606 749,321 33,6285 214,561 1,252,14 132,546,914 84,00% Southeast MI Council 8210 12,625,380 28,165 7,521,535 20,175,080 24,774,972 122,8% South Haven, City of 6315 5,242,210 376,425 1,566,340 7,448,995 5,645,947 75,4% South Lyon, City of 6315 5,242,210 376,425 1,866,360 7,484,995 5,645,947 75,4% Sparta, Village of 4107 1,677,154 358,764 1,163,071 3,198,989 1,648,178 52,8% Spring Lake District 7016 492,686 251,733 0 744,419 745,786 100,2% St. Charles, Village 7308 1,644,128 106,655 760,374 2,511,157 1,771,944 75,8% Spring Lake District 7016 490,4 4,609,748 83,693 2,083,766 6,777,207 5,019,700 74,195 St. Janke, Village 7308 1,644,128 106,655 760,374 2,511,157 1,771,944 75,8% 100,2% St. Charles, Village 7308 1,644,128 106,655 760,374 2,511,157 1,771,944 75,786 100,2% St. Charles, Village 7308 1,644,128 100,655 760,374 2,511,157 1,771,944 73,786 5,049,949 5,032,016% St. Loin, City of 900 4,009,748 83,693 2,083,766 6,777,207 5,019,700 74,198 St. Johns, City of 900 4,4009,748 83,693 2,083,766 6,777,207 5,019,700 6,74,198 St. Loin, City of 900 4,0023 15,166 49,717 4,								
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SF: Oakland Co Water       6309       3.815.825       107.262       3.197.389       7.120.476       4.883.741       68.6%         Shepherd, Village of       3704       115.756       33.654       103.301       252.711       390.401       154.5%         Shiawassee County       7602       41.052.015       1.053.526       36.059.646       78.165.187       52.366.775       67.0%         Shiawassee County Rd       7601       3.786.674       1.191.580       10.262.687       15.240.941       11.141.314       73.1%         Shiawassee County Rd       7606       739.321       336.285       214.561       1.290.167       1.400.342       108.5%         Sims Whiney Utilit       606       143.897       0       0       143.897       115.428       80.2%         South ART       8216       97.784.630       5.866.194       54.074.390       157.725.214       132.546.914       84.0%         South Haven, City of       6301       5.462.973       2.117.060       9.910.867       17.490.900       20.4771.924       122.8%         South Haven Emer Ser       8005       1.592.585       955.202       278.511       2.826.298       2.409.103       85.2%         Spring.EldeL City of       1303       3.225.787 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Shepherd, Village of         3704         115,756         33,654         103,301         252,711         390,401         154,5%           Shiawassee Countl         7602         41,052,015         1,053,526         36,059,646         78,165,187         52,366,775         67,0%           Shiawassee County CM         7600         4,996,716         37,100         2,509,089         7,542,905         7,509,633         99,6%           Shiawassee County Rd         7601         3,786,674         1,91,580         10,262,687         15,240,941         11,141,314         73,1%           Shiawassee County Rd         7606         739,321         336,285         214,561         1,290,167         1,400,342         108,5%           Sims Whitney Utiliti         606         143,897         0         0         143,897         115,428         80,2%           South Haven, City of         801         5,462,973         2,117,060         9,910,867         17,490,900         20,471,936         117,0%           South Haven Emer Ser         8005         1,592,585         955,202         278,511         2,826,298         2,409,103         85,2%           Springfield, City of         1303         3,225,787         625,552         4,494,764         8,346,103         7								
	Shepherd, Village of							
Shiawassee County CM         7609         4.996,716         37,100         2.509,089         7.542,905         7.509,633         99,6%           Shiawassee District         7606         739,321         336,285         214,561         1.290,167         1.400,342         1085,5%           Sims Whiney Utiliti         606         143,897         0         0         143,897         115,428         80.25%           SMART         8216         97,784,630         5,866,194         54,074,390         157,725,214         132,546,914         84,0%           South Haven, City of         8001         5,462,973         2,117,060         9,910,867         17,490,900         20,471,936         117,0%           South Haven Emer Ser         8005         1,592,585         955,202         2,85,11         2,826,298         2,409,103         85,2%           South Lyon, City of         6315         5,242,210         376,425         1,866,360         7,484,995         5,645,947         7,54%           Springfield, City of         1303         3,225,787         625,552         4,494,764         8,346,103         7,390,738         88.6%           St. Clair, City of         7016         492,686         251,733         0         744,419         745,786	Shiawassee Council o	7605	326,876	121,074	91,129	539,079	445,077	82.6%
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Sims Whitney Utiliti         606         143,897         0         0         143,897         115,428         80.2%           SMART         8216         97,784,630         5,866,194         54,074,390         157,725,214         132,546,914         84.0%           Southeast MI Council         8210         12,625,380         28,165         7,521,535         20,175,080         24,774,972         12.28%           South Haven Emer Ser         8005         1,592,585         955,202         278,511         2,826,298         2,409,103         85.2%           South Lyon, City of         6315         5,242,210         376,425         1,866,360         7,484,995         5,645,947         75.4%           Sparta, Village of         4107         1,677,154         358,764         1,163,071         3,198,989         1,688,178         52.8%           Spring Lake District         7016         492,686         251,733         0         744,419         745,786         100.2%           St. Charles, Village         7308         1,644,128         106,655         760,374         2,511,157         1,771,944         70.6%           St. Ignace, City of         4904         4,609,748         83,693         2,083,766         6,777,207         5,019,706         <								
SMART       8216       97,784,630       5,866,194       54,074,390       157,725,214       132,546,914       84,0%         South Haven, City of       8001       12,625,380       28,165       7,521,535       20,175,080       24,774,972       122,28%         South Haven, City of       8001       5,462,973       2,117,060       9,910,867       17,490,900       20,471,936       117.0%         South Haven, City of       6315       5,242,210       376,425       1,866,360       7,484,995       5,645,947       7,54%         Sparta, Village of       4107       1,677,154       358,764       1,163,071       3,198,989       1,688,178       52.3%         Spring Lake District       7016       492,686       251,733       0       744,419       745,786       100.2%         St. Charles, Village       7308       8,443,816       640,775       4,447,278       13,531,869       9,994,722       73.9%         St. Clair Area Fire       7710       12,227       0       0       12,327       64,108       520,1%         St. Ignace, City of       4904       4,609,748       83,693       2,083,766       6,777,207       5,019,706       741,9%         St. Lair, City of       1902       5,923,762       14								
Southeast MI Council         8210         12,625,380         28,165         7,521,535         20,175,080         24,774,972         122.8%           South Haven Emer Ser         8001         5,462,973         2,117,060         9,910,867         17,490,900         20,471,936         117.0%           South Lyon, City of         6315         5,242,210         376,425         1,866,360         7,484,995         5,645,947         75.4%           Sparta, Village of         4107         1,677,154         358,764         1,163,071         3,198,989         1,688,178         52.8%           Spring Lake District         7016         492,686         251,733         0         744,419         745,786         100.2%           St. Charkes, Village         7308         1,644,128         106,655         760,374         2,511,157         1,771,944         70.6%           St. Clair, City of         7703         8,443,816         640,775         4,447,278         13,531,869         9,994,722         73.9%           St. Lair Area Fire         7710         1,2327         0         0         12,327         64,108         52,01%           St. Loir, City of         1902         5,923,762         146,970         7,028,350         13,099,082         9,055,038								
South Haven, City of8001 $5,462,973$ $2,117,060$ $9,910,867$ $17,490,900$ $20,471,936$ $117.0\%$ South Lyon, City of $6315$ $5,242,210$ $376,425$ $1,866,360$ $7,484,995$ $5,645,947$ $75.4\%$ Sparta, Village of $4107$ $1,677,154$ $358,764$ $1,163,071$ $3,198,989$ $1,688,178$ $52.8\%$ Spring field, City of $1303$ $3,225,787$ $625,552$ $4,494,764$ $8,346,103$ $7,390,738$ $88.6\%$ Spring Lake District $7016$ $492,686$ $251,733$ $0$ $744,419$ $745,786$ $100.2\%$ St. Charles, Village $7308$ $1,644,128$ $106,655$ $760,374$ $2,511,157$ $1,771,944$ $70.6\%$ St. Clair Area Fire $7710$ $12,327$ $0$ $0$ $12,327$ $64,108$ $520.1\%$ St. Johns, City of $1902$ $5,923,762$ $146,970$ $7,228,350$ $13,099,082$ $9,055,038$ $69.1\%$ St. Louis, City of $2902$ $1,957,067$ $399,034$ $4,127,786$ $6,483,887$ $5,395,866$ $83.2\%$ Standbaugh Township $3615$ $22,769$ $11,555$ $51,416$ $85,740$ $59,969$ $69.9\%$ Standbaugh Township $3615$ $22,769$ $11,555$ $51,416$ $85,740$ $59,969$ $69.9\%$ Standbaugh Township $3615$ $22,769$ $11,555$ $51,416$ $85,740$ $59,966$ $63.1\%$ Standbaugh Township $3615$ $22,769$ $14,557$ $19,8722$ $255,746$ <td></td> <td></td> <td></td> <td></td> <td>, ,</td> <td></td> <td></td> <td></td>					, ,			
South Haven Emer Ser $8005$ $1,592,585$ $955,202$ $278,511$ $2,826,298$ $2,409,103$ $85.2\%$ South Lyon, City of $6315$ $5,242,210$ $376,425$ $1,866,360$ $7,484,995$ $5,645,947$ $75.4\%$ Sparta, Village of $4107$ $1,677,154$ $358,764$ $1,163,071$ $3,198,989$ $1,688,178$ $52.8\%$ Spring Lake District $7016$ $492,686$ $251,733$ $0$ $744,419$ $745,786$ $100.2\%$ St. Charles, Village $7308$ $1,644,128$ $106,655$ $760,374$ $2,511,157$ $1,771,944$ $70.6\%$ St. Clair, City of $7703$ $8,443,816$ $640,775$ $4,447,278$ $13,513,869$ $9,994,722$ $73.9\%$ St. Clair, Area Fire $7710$ $12,327$ $0$ $0$ $12,327$ $64,108$ $520.1\%$ St. Johns, City of $4904$ $4,609,748$ $83,693$ $2,083,766$ $6,777,207$ $5,019,706$ $74.1\%$ St. Johns, City of $2902$ $1,957,067$ $399,034$ $4,127,786$ $6,483,887$ $5,395,866$ $83.2\%$ Standaigh City of $601$ $1,287,603$ $38,095$ $89,507$ $2,225,205$ $1,403,259$ $63.1\%$ Standaish, City of $5907$ $475,572$ $198,722$ $840,470$ $1,514,764$ $1,042,031$ $68.8\%$ Sterling, Village of $605$ $10,671$ $25,569$ $48,856$ $85,096$ $214,157$ $251.7\%$ St clair Shores Hous $5007$ $475,572$ $198,722$ $840,470$			, ,					
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St. Johns, City of1902 $5,923,762$ $146,970$ $7,028,350$ $13,099,082$ $9,055,038$ $69.1\%$ St. Louis, City of2902 $1,957,067$ $399,034$ $4,127,786$ $6,483,887$ $5,395,866$ $83.2\%$ Stambaugh Township $3615$ $22,769$ $11,555$ $51,416$ $85,740$ $59,969$ $69.9\%$ Standish, City of $601$ $1,287,603$ $38,095$ $899,507$ $2,225,205$ $1,403,259$ $63.1\%$ Stanton, City of $5903$ $40,023$ $15,166$ $9,247$ $64,436$ $97,035$ $150.6\%$ St Clair Shores Hous $5007$ $475,572$ $198,722$ $840,470$ $1,514,764$ $1,042,031$ $68.8\%$ Stephenson, City of $5504$ $178,524$ $0$ $77,222$ $255,746$ $95,264$ $37.2\%$ St Joseph County $7803$ $6,096,591$ $541,430$ $3,751,870$ $10,389,891$ $9,029,227$ $86.9\%$ St Louis Housing Com $2908$ $459,130$ $0$ $0$ $459,130$ $264,236$ $57.6\%$ Stockbridge, Village $3316$ $117,343$ $53,149$ $345,678$ $516,170$ $214,198$ $41.5\%$ Summit Township $3803$ $3,599,069$ $149,989$ $3,979,404$ $7,728,462$ $5,938,086$ $76.8\%$ Superior Charter Tow $8109$ $1,472,740$ $900,351$ $1,054,335$ $3,427,426$ $2,443,924$ $71.3\%$ Superiorland Lbry Co $5208$ $439,271$ $134,231$ $0$ $573,502$ $670,339$								
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Swan Creek Township         7309         355,194         68,844         34,226         458,264         301,593         65.8%	Superior Charter Tow				1,054,335			
Swartz Creek, City o         2504         2,250,628         342,436         5,420,492         8,013,556         7,146,449         89.2%								
	Swartz Creek, City o	2504	2,250,628	342,436	5,420,492	8,013,556	7,146,449	89.2%

# Actuarial Accrued Liability

Municipality Nama		Employer Liability	Employee Liability	Retired	Total Liability	Actuarial Value of	Percent
Municipality Name	<u>Number</u>			Liability	<b>Liability</b>	Assets	<b>Funded</b>
Sylvan Lake, City of	6314	608,765	273,153	934,881	1,816,799	1,558,184	85.8%
Tawas Police Authori	3504	396,274	168,956	212,533	777,763	403,066	51.8%
Taylor Housing Comm Thirty-Fifth Distric	8231 8234	109,220 921,660	48,440 1,300,228	0 1,048,106	157,660 3,269,994	141,315	89.6% 78.1%
Thirty-Fourth Distri	8234 8235	1,547,769	1,300,228	387,403	3,389,885	2,555,022 2,299,661	78.1% 67.8%
Three Rivers, City o	7801	5,755,126	1,144,122	4,396,872	11,296,120	9,806,804	86.8%
Three Rivers Hospita	7802	0	0	12,681	12,681	13,923	109.8%
Traverse Area Dist L	2807	2,976,250	39,443	626,947	3,642,640	2,450,324	67.3%
Traverse City, City	2801	25,074,935	906,432	21,626,718	47,608,085	37,648,129	79.1%
Trenton, City of	8203	10,012,864	2,580,304	27,998,647	40,591,815	30,012,752	73.9%
Tri-County Aging Con	3307	3,317,983	23,636	1,715,455	5,057,074	5,628,795	111.3%
Trio Council on Agin	6507	43,332	0	198,670	242,002	296,936	122.7%
Tuscarora Twp Pol Dp	1604	653,510	30,656	220,963	905,129	537,122	59.3%
Tuscola Co Comm Mntl	7907	3,999,886	1,997,839	2,643,714	8,641,439	8,962,908	103.7%
Tuscola Co Hlth Dpt	7901	3,352,100	839,004	1,818,011	6,009,115	5,488,915	91.3%
Tuscola Co Med Care	7906	3,021,617	2,286,160	2,991,348	8,299,125	9,725,999	117.2%
Tuscola County	7902	10,846,361	3,051,836	7,362,261	21,260,458	20,136,041	94.7%
Tuscola County Road	7908	1,126,642	302,800	1,941,001	3,370,443	2,335,396	69.3%
Twenty Sixth Jud Cir	403 8223	1,886,199	25,444	356,192	2,267,835	2,540,597	112.0%
Twenty Third Judicia Twin Cities Pub Sfty	8225 3610	1,198,744 26,615	453,339 36,887	501,194 17,159	2,153,277 80,661	2,067,013 98,387	96.0% 122.0%
Ubly, Village of	3212	110,629	96,569	374,454	581,652	356,858	61.4%
Utica, City of	5008	1,364,577	671,839	1,131,746	3,168,162	2,248,016	71.0%
Van Buren County	8006	8,079,847	6,242,835	3,074,995	17,397,677	10,663,072	61.3%
Van Buren District L	8007	626,774	381,388	0	1,008,162	658,726	65.3%
Van Buren Township	8236	3,952,864	2,469,062	ů 0	6,421,926	3,692,172	57.5%
Vassar, City of	7903	1,848,074	575,265	2,533,500	4,956,839	4,163,696	84.0%
Vevay Township	3318	164,279	151,930	0	316,209	197,104	62.3%
Vicksburg, Village o	3902	934,763	0	932,964	1,867,727	1,344,169	72.0%
Vicksburg District L	3904	42,712	0	29,774	72,486	48,065	66.3%
Vienna Township	2522	284,872	348,529	0	633,401	493,125	77.9%
Village of Bancroft	7610	(7)	0	81,756	81,749	39,985	48.9%
Village of Bingham F	6332	114,910	0	0	114,910	64,784	56.4%
Village of Farwell	1805	155,173	97,929	0	253,102	142,223	56.2%
Village of Mackinaw	1606	129,866	263,772	0	393,638	372,623	94.7%
Village of Spring La	7015	771,493	942,932	424,046	2,138,471	1,484,685	69.4%
Wakefield, City of	2701 4112	1,216,848 7,012,808	395,563 362,446	2,054,751	3,667,162	3,097,686	84.5% 56.5%
Walker, City of Walled Lake, City of	6324	4,160,084	1,021,639	8,157,799 4,914,066	15,533,053 10,095,789	8,783,397 3,364,957	33.3%
Washtenaw County Rd	8102	16,322,532	5,113,160	16,150,253	37,585,945	28,301,161	55.5% 75.3%
Washtenaw County Ku	8113	22,898,042	8,790,799	1,753,714	33,442,555	24,068,415	72.0%
Wayland, City of	304	3,260,748	79,132	504,967	3,844,847	2,971,707	77.3%
Webberville, Village	3314	62,632	57,703	128,064	248,399	94,613	38.1%
West Branch, City of	6505	1,839,311	568,269	890,069	3,297,649	2,673,496	81.1%
West Iron Co Sewer A	3612	270,876	10,369	495,213	776,458	566,157	72.9%
Westland, City of	8211	35,262,783	498,989	54,074,725	89,836,497	52,375,178	58.3%
Westphalia, Village	1907	282,872	0	24,335	307,207	278,681	90.7%
Wexford County	8302	10,057,385	1,934,463	6,888,740	18,880,588	13,763,241	72.9%
Wexford County Rd Co	8303	3,710,883	279,979	5,986,249	9,977,111	6,570,833	65.9%
White Cloud, City of	6206	439,872	0	114,808	554,680	400,757	72.3%
White Cloud/Sherman	6211	55,658	53,419	0	109,077	64,796	59.4%
White Cloud Comm Lib	6208	243,338	35,265	0	278,603	227,383	81.6%
Whitehall, City of	6105	2,460,835	16,410	1,466,175	3,943,420	3,394,288	86.1%
White Lake Charter T	6325	7,034,266	3,467,289	4,181,679	14,683,234	11,548,944	78.7%
White Pigeon Village	7804 5904	15,726 62,874	3,515 19,714	0 103,866	19,241 186,454	22,136	115.0%
White Pine Library Willard Public Libra	5904 1308	62,874 673,990	19,714 247,372	103,866	186,454 921,362	113,351 798,214	60.8% 86.6%
Williamston, City of	3310	775,993	418,470	2,276,554	3,471,017	2,351,728	67.8%
Wixom, City of	6316	9,788,745	1,443,707	6,177,469	17,409,921	11,646,321	66.9%
W MI Comm Mntl Hlth	5304	1,574,062	146,075	2,507,028	4,227,165	4,652,581	110.1%
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# Actuarial Accrued Liability

Municipality Name	<u>Number</u>	Employer <u>Liability</u>	Employee <u>Liability</u>	Retired <u>Liability</u>	 Total <u>Liability</u>	Actuarial Value of <u>Assets</u>	Percent <u>Funded</u>
W MI Shoreline Reg D	6110	1,648,085	18,903	566,949	2,233,937	3,415,188	152.9%
Wolverine Lake, Vill	6329	385,241	363,726	1,148,668	1,897,635	995,394	52.5%
W UP Dist Hlth Dept	3101	5,800,717	6,269	2,835,315	8,642,301	7,289,133	84.3%
WUPPDR	3108	74,756	557,070	0	631,826	675,294	106.9%
Ypsilanti, City of	8101	2,659,873	1,093,179	7,518,042	11,271,094	16,815,491	149.2%
Ypsilanti, Township	8104	6,341,737	2,099,448	4,948,906	13,390,091	11,496,625	85.9%
Ypsilanti Comm Util	8106	20,093,480	1,037,787	14,652,436	35,783,703	24,848,546	69.4%
Ypsilanti Housing Co	8115	215,416	104,486	216,864	536,766	435,730	81.2%
Totals - Active Groups	650	3,350,031,056	517,249,420	3,303,149,003	7,170,429,479	5,473,282,669	76.3%
Totals - Closed Groups	18	5,159,401	787,384	11,368,718	17,315,503	20,479,102	118.3%
Totals - MERS	668	3,355,190,457	518,036,804	3,314,517,721	7,187,744,982	5,493,761,771	76.4%

		ooo valaation	results by mullerp	Juney	Total
Municipality Name	<u>Number</u>	Amortization <u>Period(s)</u>	Normal <u>Cost</u>	Amortization <u>Payment</u>	Employer <u>Contribution</u>
41B District Court	5014	29	43,908	53,640	97,548
Addison Fire Departm	4607	29	13,164	2,700	15,864
Adrian, City of	4601	29, 20, 10	514,992	311,328	826,320
Albion, City of	1301	29, 22, 20, 10	142,956	(123,096)	19,860
Alcona County	101	29, 27	184,728	155,580	340,308
Alger County	203	29, 20, 10	151,380	121,116	272,496
Alger County Road Co	201	29	71,280	41,304	112,584
Algonac, City of	7707	29	64,092	25,128	89,220
Allegan, City of	309	29, 22	65,748	67,032	132,780
Allegan County	302	29, 22, 20, 10	387,168	628,728	1,015,896
Allegan County Rd. C	301	29	130,128	83,712	213,840
Alma, City of	2901	29, 27, 20, 10	124,788	12,552	137,340
Almont, Village of	4407	29	30,444	13,392	43,836
Alpena County	401	29, 26, 10	249,876	177,276	427,152
Alpena County Rd. Co	402	29, 26, 20, 10	120,432	43,656	164,088
Alpena General Hospi	405	29, 20	1,938,876	1,033,560	2,972,436
Alpena Senior Citize	404	29	2,664	23,628	26,292
Alpha, Village of	3614	29, 10	2,496	(792)	1,704
Antrim County	502	29, 20, 10	733,224	220,980	954,204
Antrim County Rd Com	501	29	155,472	195,888	351,360
Arenac County	603	29, 26, 20	237,264	167,712	404,976
Arenac County Rd Com	604	29	78,444	123,456	201,900
Ash Township	5804	29	3,960	12,024	15,984
Auburn, City of	905	29	22,584	5,724	28,308
Au Gres, City of	602	29	36,024	31,932	67,956
Bad Axe, City of	3211	29	74,436	99,276	173,712
Bangor, City of	8003	29, 10	35,592	(35,592)	0
Baraga, Village of	704 702	29 29	54,840	43,020	97,860
Baraga County Baraga County Memori	702 703	29 29, 20	97,380 282,156	55,056 215,400	152,436 497,556
Baraga County Memori Baraga County Rd Com	703	29, 20	94,080	120,240	214,320
Baroda Township	1109	29	9,780	1,776	11,556
Barry County	802	29, 24, 20	1,046,004	570,648	1,616,652
Barry County CMH Aut	804	29, 24, 20	133,008	57,228	190,236
Barry-Eaton Dist Hlt	2303	29	331,104	124,164	455,268
Barton Hills, Villag	8107	29	7,296	5,676	12,972
Bates Township	3616	29	6,120	7,740	13,860
Bath Charter Townshi	1909	29	53,472	40,836	94,308
Battle Creek, City o	1302	29, 10	1,529,592	1,254,828	2,784,420
Bay Area Transportat	2810	29	199,092	1,968	201,060
Bay City, City of	901	29, 20, 10	435,780	1,791,012	2,226,792
Bay City Housing Com	906	20	86,208	86,880	173,088
Bayliss Public Libra	1702	29, 10	12,492	(12,492)	0
Bay Metro Transit Au	907	29	280,344	180,996	461,340
Beecher Met Dist Swg	2501	29, 24	73,404	34,380	107,784
Belding, City of	3410	29	6,480	44,580	51,060
Belleville, City of	8213	29, 20, 10	74,664	93,672	168,336
Benzie/Leelanau Dist	4504	27	22,728	4,140	26,868
Benzie County	1003	29	259,416	113,712	373,128
Benzie County Comm o	1006	29	36,096	9,396	45,492
Benzie County MCF (M	1004	29, 10	149,304	(14,820)	134,484
Benzie County Road C	1001	29	89,424	164,880	254,304
Benzie Shores Dist.	1005	29 20	3,012	756	3,768
Berkley, City of Berrien Springe, Vil	6304	29 20_10	229,572	160,320	389,892
Berrien Springs, Vil Bossomer, City of	1102 2702	29, 10 20	50,232	(10,128)	40,104
Bessemer, City of Beverly Hills, Villa	6321	29 29, 10	27,828 74,184	10,500 11,628	38,328 85,812
Beverly Hills, Villa Big Rapids, City of	5402	29, 10 29, 20	135,708	178,392	314,100
Big Rapids Housing C	5402 5406	29, 20	16,752	22,284	39,036
Birch Run, Village o	7315	29	15,576	4,788	20,364
Bishop Intl Arpt Aut	2507	29	123,600	32,748	156,348
Blackman Township	3806	29	70,056	109,380	179,436
	2000	=-	,	107,500	

	MERS 12/31/2006 Valuation - Results by Municipality						
		Amortization	Normal	Amortization	Total Employer		
<u>Municipality Name</u>	Number	Period(s)	Cost	Payment	<u>Contribution</u>		
Blissfield, Village	4606	29	82,332	15,228	97,560		
Bloomfield Hills, Ci	6302	29, 26, 24, 22, 10	193,188	479,868	673,056		
Blue Water Area Tran	7709	29	104,484	23,544	128,028		
Boyne City, City of	1506	29, 26, 10	90,684	68,952	159,636		
Branch County Sherif	1205	29	125,976	5,448	131,424		
Brandon Township	6333	29, 10	106,536	31,104	137,640		
Breckenridge, Village	2906	29	10,500	33,480	43,980		
Bridgeport Charter T	7307	29	140,712	80,580	221,292		
Brighton, City of	4704	29	304,644	141,912	446,556		
Brighton Area Fire A	4715 4711	29, 27 29, 10	34,152 49,020	2,280 (228)	36,432 48,792		
Brighton Township Britton, Village of	4604	29, 10 29, 10	49,020 924	(924)	40,792		
Brnch-Hllsdl-St.Josp	1202	29, 10	204,420	(8,892)	195,528		
Bronson, City of	1202	29,10	5,712	6,468	12,180		
Brooklyn, Village of	3801	29	10,020	13,524	23,544		
Buchanan, City of	1101	29, 20, 10	49,596	4,380	53,976		
Buchanan District Li	1108	29	5,136	2,448	7,584		
Buena Vista Charter	7312	29, 20	120,060	72,480	192,540		
Burton, City of	2508	29	383,304	888,228	1,271,532		
Butman Township	2604	20, 10	0	0	0		
Cadillac, City of	8301	29, 10	204,588	(76,584)	128,004		
Cadillac/Wexford Tra	8305	29 20	49,812	12,468	62,280 720,206		
Calhoun County Calhoun County Road	1311 1307	29 29	60,936 280,536	659,460 249,624	720,396 530,160		
Canton Public Librar	8232	29 29	41,748	33,648	75,396		
Canton Township	8233	29	1,078,620	1,113,348	2,191,968		
Capac, Village of	7705	29, 26	30,732	44,484	75,216		
Capital Area Dist Li	3317	29, 10	222,876	5,784	228,660		
Capital Region Arprt	3305	29	250,920	219,912	470,832		
Carleton, Village of	5805	29	5,124	4,140	9,264		
Carrollton Township	7320	29, 10	54,516	36,432	90,948		
Cascade Charter Town	4110	29	127,440	80,364	207,804		
Caseville, Village o	3207	29 29	32,712	18,888	51,600		
Caspian, Village of Cass County	3608 1402	29 29, 10	20,580 276,552	12,516 115,848	33,096 392,400		
Cass County Cass County MCF	1402	29, 10	63,348	(63,348)	0 0		
Cass District Librar	1405	29, 10	17,400	(17,400)	0		
Cedar Springs, City	4105	29, 20	49,644	27,048	76,692		
Center Line, City of	5001	29, 10	79,668	83,208	162,876		
Central Dispatch of	6109	29	56,472	17,652	74,124		
Central MI Dist Hlth	3705	27	281,928	243,720	525,648		
Central Wayne County	8214	20	0	1,476	1,476		
Charlevoix, City of	1505	29	132,828	135,984	268,812		
Charlevoix Cnty Rd C	1501	29	114,336	73,644 399,108	187,980		
Charlevoix County Charlotte, City of	1503 2301	29, 26, 10 29	996,492 150,588	165,612	1,395,600 316,200		
Charlotte District L	2301	29	15,036	9,876	24,912		
Charter Twp of Muske	6108	29	186,180	92,640	278,820		
Cheboygan, City of	1602	29	83,136	89,268	172,404		
Cheboygan County	1603	29	300,588	96,504	397,092		
Cheboygan County Rd	1601	29	189,384	301,764	491,148		
Chelsea, Village of	8103	20	111,132	260,376	371,508		
Chesaning, Village o	7313	29, 22	34,320	108,720	143,040		
Chesterfield Townshi	5009	29	366,156	167,352	533,508		
Chesterfield Townshi	5010	29 20	26,112	1,368	27,480		
Chikaming Township	1112	29 29_10	22,536 563 244	15,204	37,740 728 856		
Chippewa County Chippewa County Rd C	1703 1704	29, 10 29	563,244 200,004	165,612 170,244	728,856 370,248		
Chippewa River Dist	3707	29,10	46,320	(8,640)	37,680		
City of Bridgman	1110	29,10	27,684	20,352	48,036		
City of Clio	2523	29	39,612	11,304	50,916		
City of Harbor Sprin	2405	29	47,580	49,884	97,464		

$\mathbf{Nuncipatir}$ NameNumberPeriadioNumberPeriadioCity of Richmond50122912,34833,22845,576Chare, City of18022967,08850,79617,804Chare Coung Nead Co180129, 1084,19229,556113,748Clare Coung Nead Co180129, 1084,19229,556113,748Clare Coung Nead Co180129, 1084,19229,556113,748Clare Coung Nead Co180129, 1054,216(22,824)53,28Clare Township70062974,856129,780208,236Clare Township700129703,032421,09253,28Clinton County Road190129181,75213,08831,224.00Clinton Exton-Ingham330829, 20, 101,622,1961,124,11042,746,296Coldwart E More Road of P120129, 2075,52426,30499,828Coldwart G More Road of P120129, 2075,52426,30499,828Coldwart G More Road of P120129, 203,3842,6446,048Coldwart B More Road of P203, 203,3842,6446,048Colomar Kity of700529, 203,57009,64445,384Colomar Kity of700529, 203,570014,473836,119Colomar Kity of700529, 203,570014,47414,5768Colomar Kity of700529, 203,575214,884<		<b>MERS 12/31</b> /	2006 Valuation - R	esults by Munici	pality	
Municipality Name         Number         Period(s)         Cost         Parment         Contribution           Clare Corny         1804         29         67.008         53.766         117.804           Clare Corny Road Co         1801         29         07.008         53.766         117.874           Clare Corny Road Co         1801         29         14.192         29.55.676         730.968           Clawson, City of         6305         29.27.20         14.922         25.81.676         730.968           Clawson, City of         6402         29         7.84.56         129.790         25.328           Clinton County Road         1901         29         78.366         129.292         131.379.2           Clinton-Enorus Inplan         3008         29.20.10         1.62.196         1.124.100         2.746.296           Clinton-Enorus Inplan         3008         29.20.10         1.62.196         1.124.100         2.746.296           Coldwater, City of         1203         29.22         104.688         124.844         29.572           Coldwater, City of         5002         9.21.16         34.055         56.172           Coldwater, City of         7003         29         22.16         34.845			Amortization	Normal	Amortization	Total Employer
City of Richmond50122912.34833.22845.576Clare, Cury of180429 $47,452$ 50.796117.804Clare County Road Co180129 $29,17,20$ 149.29228.575113.748Clare County Road Co180129,10 $84,192,22$ 28.576113.768Clare County Road Co180129,10 $84,192,22$ 28.576113.768Clare County Road60029,27,20149.29228.57628.278Clinton County Road40052994.33612.2824)11.24.124Clinton County Road190129713.632421.09211.24.124Clinton County Road19012911.62.1961.124.1002.746.296Clinton County Road19012963.292270.14093.432Coldwater Konad CP120129, 2063.292270.14093.432Coldwater Konad CP1201292963.292276.14893.838Coldwater Konad CP1700329123.2796125.84413.844Columa Township11072967.32210.64845.844Contro Strip of700429.2662.825665.172Columa Township11072967.32210.86464.948County of700429.2662.825665.438119.604County of700429.2662.825665.438139.44County Trans20012972.63.53214.8	Municipality Name	Number				
$ \begin{array}{c} Care, City of \\ Clare, County Road Co \\ Clare County Road Co \\ Clare County Road Co \\ Clawson, City of \\ Clav Strong Vigol \\ Clav Strong V$						
Clare County Mod Co         1802         29         247.452         58.87         306.324           Clare County Kod Co         1801         29.10         84.192         29.556         113.748           Clary Sownship         7700         29         78.456         129.750         208.236           Clary Avaret Township         4005         29         4.836         492         5.328           Clinton, Ullage of         4002         29.10         54.216         (22.834)         31.392           Clinton County Read         1901         29         18.1752         131.088         312.840           Clinton Township         5002         29         62.3292         170.140         92.74.626           Coltontor Township         1001         29         6.7.32         26.64         6.0448           Coltonator Stand of P         1201         29.20         7.3.54         2.6.64         6.0448           Columbonivilt, Villa         4406         29         1.3.27.96         125.844         1.38.64           Columbonivilt, Villa         4406         29         5.6.32         118.64         6.0498           Conomating         1107         29         6.7.32         606         7.428	2					
$ \begin{array}{c} \text{Chare County Road Co} & 1801 & 29, 10 & 84,192 & 29,556 & 113,748 \\ \text{Clawson. City of} & 6305 & 29, 72, 20 & 149,292 & 581,676 & 730,968 \\ \text{Clarvater Township} & 706 & 29 & 78,456 & 129,780 & 208,236 \\ \text{Clarvater Township} & 4002 & 29, 10 & 54,216 & (22,824) & 31,392 \\ \text{Clinton. Village of} & 4602 & 29, 10 & 54,216 & (22,824) & 31,392 \\ \text{Clinton. County Road} & 1901 & 29 & 181,752 & 131,088 & 312,840 \\ \text{Clinton. Functon. Ingham 308 & 29, 20, 10 & 1,622,196 & 1,124,100 & 2.746,6296 \\ \text{Clinton. Functon. Ingham 308 & 29, 20, 10 & 1,622,196 & 1,124,100 & 2.746,6296 \\ \text{Clinton. Township} & 5002 & 29 & 623,292 & 370,140 & 993,432 \\ \text{Coltwater Board of P} & 1203 & 29, 22 & 104,688 & 124,884 & 229,572 \\ \text{Coltwater Board of P} & 1203 & 29, 22 & 104,688 & 124,884 & 229,572 \\ \text{Coltman Township} & 1007 & 29 & 6,732 & 696 & 7,428 \\ \text{Columbiavilly, Vilh } & 406 & 29 & 3,384 & 2,664 & 6,048 \\ \text{Comm Mental Hilts for} & 3708 & 29 & 1,232,796 & 125,844 & 1,358,760 \\ \text{Contrus Township} & 6004 & 29 & 276 & 48 & 119,604 \\ \text{Cornwin Mental Hilts for} & 7004 & 29, 26 & 62,856 & 56,748 & 119,604 \\ \text{Cornwin Mental Hilts for} & 7004 & 29, 20 & 35,700 & 9,684 & 45,584 \\ \text{Cornuna City of } & 7004 & 29 & 276 & 48 & 129,604 \\ \text{Cornwin Mental Hilts for} & 7004 & 29 & 276 & 48 & 129,604 \\ \text{Cornwin Mental Hilts for} & 7001 & 29, 20 & 127,524 & 137,788 & 2223,512 \\ \text{Crawford County Rd C} & 2002 & 29, 22, 10 & 86,124 & 137,388 & 223,512 \\ \text{Crawford County Rd C} & 2002 & 29, 22, 10 & 45,288 & 106,6168 & 157,680 \\ \text{Crystal Fails, County Rd C} & 2002 & 29, 20 & 124,200 & 100 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 &$						
Clawson, Ciry of         6305         29, 27, 20         149,292         581,676         720,968           Clay Township         7006         29         784,56         129,780         208,8236           Clearvater Township         4005         29         4,836         492         5,328           Clinton County         1903         29         703,032         421,002         1,124,124           Clinton County Roud         1901         29         181,752         131,088         312,840           Clinton Township         5002         29         632,392         370,140         2,746,296           Clotwater, City of         1201         29, 20         73,552         26,804         99,328           Coldwater, City of         5003         29         6,3292         370,140         93,442           Coldwater, City of         5003         29         1,232,796         12,3444         1,358,640           Columbraville, Villa         4406         29         3,384         2,664         6,144           Comm Mental Hilt for         3708         29,20         35,700         9,844         45,384           Comma City of         7604         29,272         26,42856         56,7148         119,604 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Clay Township         7706         29         78,456         129,780         208,236           Clarvater Township         4005         29         4,836         492         5,528           Clinton, Village of         4602         29,10         54,216         (22,824)         31,392           Clinton County Road         1901         29         181,752         131,088         312,440           Clinton County Road         1901         29         163,2196         1,124,104         2746,6296           Clinton Township         5002         29,0         73,524         26,304         99,828           Coldwater, City of         1203         29,22         104,688         124,884         229,572           Colummariville, Villa         406         29         3,384         2,664         6,048           Commariville, Villa         406         29         3,5700         9,864         45,384           Commariville, Villa         406         29         3,5700         9,864         45,384           Commariville, Villa         406         29         26,352         11,486         68,220           Conum Mental Hilh for         7708         29,20         35,700         9,864         45,384 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
	Clinton, Village of	4602	29, 10	54,216	(22,824)	31,392
Clinton-Eaton-Ingham         3308         29, 20, 10         1,622,196         1,124,100         2,746,296           Cinton Township         5002         29         632,392         370,140         993,432           Coldwater, Gity of         1201         29, 20         73,524         26,304         998,832           Coldwater, Board of P         1203         29, 22         104,688         124,884         229,572           Columbaville, Villa         4406         29         3,384         2,664         6,048           Comm Mental HIh for         3708         29         1,232,796         125,844         1,358,640           Concersville, City o         7005         29, 20         35,700         9,684         45,384           Corwind Township         6004         29         27,6         48         324           Crawford County Trans.         2004         29         56,352         11,868         68,220           Crawford County Rd C         2002         29,27,10         86,124         137,388         223,512           Crawford County Rd C         2002         29,27,10         86,124         83,616         157,680           Crawford County G1         2516         29         140,928         130,						
$\begin{array}{c} \mbox{Chinon Township} & 5002 & 29 & 623,292 & 370,140 & 993,432 \\ \mbox{Coldwater, Uty of} & 1201 & 29, 20 & 73,524 & 26,304 & 998,28 \\ \mbox{Coldwater, Board of P} & 1203 & 29, 22 & 104,688 & 124,884 & 229,572 \\ \mbox{Coloma Township} & 1107 & 29 & 6,732 & 666 & 7,428 \\ \mbox{Coloma Township} & 1107 & 29 & 6,732 & 666 & 7,428 \\ \mbox{Columa Neural Hilh for} & 3708 & 29 & 1,232,796 & 125,844 & 1,358,640 \\ \mbox{Corunna Kity of} & 7005 & 29, 20 & 33,700 & 9,684 & 45,384 \\ \mbox{Corunna Kity of} & 7004 & 29 & 276 & 48 & 324 \\ \mbox{Corunna Kity of} & 7004 & 29 & 276 & 48 & 324 \\ \mbox{Corwind Township} & 6004 & 29 & 276 & 48 & 324 \\ \mbox{Corwind County RdC} & 2001 & 29,27 & 202,452 & 194,736 & 397,188 \\ \mbox{Crawford County RdC} & 2002 & 29,22,10 & 86,124 & 137,388 & 223,512 \\ \mbox{Crawford County RdC} & 2002 & 29, 22,10 & 86,124 & 137,388 & 223,512 \\ \mbox{Crawford County RdC} & 2002 & 29, 22, 10 & 86,124 & 137,388 & 223,512 \\ \mbox{Crawford County RdC} & 2002 & 29 & 127,524 & 134,760 & 262,284 \\ \mbox{Crystal Falls, City of} & 7401 & 29 & 127,524 & 134,760 & 262,284 \\ \mbox{Crystal Falls, Corunna H} & 3618 & 20,10 & 0 & 0 \\ \mbox{Davison,City of} & 2516 & 29 & 104,928 & 130,188 & 235,116 \\ \mbox{Davison,City of} & 2519 & 29 & 165,320 & 119,760 & 282,060 \\ \mbox{Deerrield, Village o} & 4603 & 29 & 13,788 & 4,128 & 17,916 \\ \mbox{Delta Charter Township} & 2105 & 29, 24,10 & 117,816 & 210,840 & 328,656 \\ \mbox{Delta Charter Township} & 2103 & 29, 10 & 117,815 & 210,840 & 328,656 \\ \mbox{Detarto Hombinice Dist} & 2103 & 29, 10 & 117,815 & 210,840 & 328,656 \\ \mbox{Detarto Hombing Corun} & 8241 & 29 & 67,778 & 19,008 & 691,776 \\ \mbox{Detarto Hombing Corun} & 8217 & 29 & 60,372 & 41,472 & 101,844 \\ \mbox{Detarto Hombing Corun} & 8217 & 29 & 60,372 & 41,472 & 101,844 \\ \mbox{Detarto Hombing Corun} & 8217 & 29 & 60,372 & 41,472 & 101,844 \\ \mbox{Detarto Hombing Corun} & 8207 & 77,688 & 20,532 & 98,200 \\ \mbox{Divikinson County} & 2005 & 29, 27,20 & 79,872 & 40,224 & 120,096 \\ \mboxitchinson County & 2005 & $						
Comm Mental Hilh for3708291,232,796125,8441,358,640Coopersville, City o700529, 2035,7009,64445,384Corunal City of760429, 2562,85656,748119,604Carwford Cunty Trans.20042956,53211,86868,220Crawford County Rd200129, 27202,452194,736397,188Crawford County Rd C200229,22,1086,124137,388223,512Croswell, City of740129127,524134,760262,284Crystal Falls, City36032974,06483,616157,680Crystal Falls, City of251629104,928130,188223,5116Davison, Township251929162,300119,760282,060Dearison Township25192945,588106,368151,956Delta County Rd Comm210529,24,10117,816210,840328,656Delta County Rd Comm210529,24,10117,816210,840328,656Detar Moninee Dist21032916,52266,78094,752Detori, Village of17062978,72072,576151,296Detwr, Village of17062927,70819,008691,776Detwr, Village of17062978,72072,576151,296Detwr, Village of17062978,87025,56281,024Detwr, Village of3032977,72820						
$\begin{array}{c cccc} Coopersville, City o & 7005 & 29, 20 & 35,700 & 9,684 & 45,384 \\ Corunna City of & 7604 & 29, 26 & 62,856 & 56,748 & 119,604 \\ Crawford Cuty Trans. & 2004 & 29 & 276 & 48 & 324 \\ Crawford County & 2001 & 29, 27 & 202,452 & 11,868 & 668,220 \\ Crawford County Rd C & 2002 & 29,22, 10 & 86,124 & 137,388 & 233,512 \\ Croswell, City of & 7401 & 29 & 127,524 & 134,760 & 262,284 \\ Crystal Falls, City & 3603 & 29 & 74,064 & 83,616 & 157,680 \\ Crystal Falls, City & 3603 & 29 & 74,064 & 83,616 & 157,680 \\ Crystal Falls Comm H & 3618 & 20, 10 & 0 & 0 & 0 \\ Davison, City of & 2516 & 29 & 104,928 & 130,188 & 235,116 \\ Davison Township & 2519 & 29 & 162,300 & 119,760 & 282,060 \\ Deerfield, Village o & 4603 & 29 & 45,588 & 106,368 & 151,936 \\ Delta Charter Townsh & 2306 & 29 & 45,588 & 106,368 & 151,936 \\ Delta Charter Townsh & 2105 & 29, 24, 10 & 117,816 & 210,840 & 328,656 \\ Detard-Menominee Dist & 2103 & 29, 10 & 161,532 & (66,780) & 94,752 \\ Detour, Village of & 1706 & 29 & 12,408 & 7,092 & 19,500 \\ Detroit Housing Comm & 8241 & 29 & 672,708 & 19,008 & 691,776 \\ DeWitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Detwitt, Village of & 8217 & 29 & 60,372 & 41,472 & 101,844 \\ Dexter Township & 8111 & 29 & 4,716 & 1,860 & 6,576 \\ Dickinson County Rd & 2203 & 29 & 116,712 & 83,928 & 200,640 \\ Disk Hih Dept No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ Distribut Det No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ Distribut Dept No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ Distribut Dept No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ Distribut Dept No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ Distr$	*					
$\begin{array}{c c} Conuna City of \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$						
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$\begin{array}{c} \mbox{Crawford Cnty Trans.} & 2004 & 29 & 56,352 & 11,868 & 68,220 \\ \mbox{Crawford County} & 2001 & 29, 27 & 202,452 & 194,736 & 397,188 \\ \mbox{Crawford County} R4C & 2002 & 29, 22, 10 & 86,124 & 137,388 & 223,512 \\ \mbox{Crossell, City of} & 7401 & 29 & 127,524 & 134,760 & 262,284 \\ \mbox{Crystal Falls, City} & 3603 & 29 & 74,064 & 83,616 & 157,680 \\ \mbox{Crystal Falls Comm H} & 3618 & 20, 10 & 0 & 0 \\ \mbox{Davison,City of} & 2516 & 29 & 104,928 & 130,188 & 235,116 \\ \mbox{Davison,City of} & 2516 & 29 & 104,928 & 130,188 & 235,116 \\ \mbox{Davison,City of} & 2519 & 29 & 162,300 & 119,760 & 282,060 \\ \mbox{Derfield, Village o} & 4603 & 29 & 45,588 & 106,368 & 151,956 \\ \mbox{Delta County} & 2102 & 29 & 555,260 & 303,504 & 868,764 \\ \mbox{Delta County} & 2102 & 29 & 555,260 & 303,504 & 868,764 \\ \mbox{Delta County} & 2103 & 29, 10 & 161,532 & (66,780) & 94,752 \\ \mbox{Detor, Village of} & 1706 & 29 & 12,408 & 7,092 & 19,500 \\ \mbox{Detor, Village of} & 1706 & 29 & 12,408 & 7,092 & 19,500 \\ \mbox{Detor, Village of} & 1706 & 29 & 78,720 & 72,576 & 151,296 \\ \mbox{Detwit Charter Towns} & 1910 & 29 & 54,372 & 26,652 & 81,024 \\ \mbox{Detwit Charter Township} & 8111 & 29 & 4,716 & 1,860 & 6,576 \\ \mbox{Detwit Charter Township} & 8111 & 29 & 4,716 & 1,860 & 6,576 \\ \mbox{Dickinson County} & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ \mbox{Dickinson County} & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ \mbox{Dickinson County} & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ \mbox{Dickinson County} & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ \mbox{Dickinson County} & 206 & 29 & 77,688 & 20,532 & 98,220 \\ \mbox{Dickinson County} & 40 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ \mbox{Dickinson County} & 1401 & 29 & 2,280 & 276 & 3,156 \\ \mbox{Dickinson County} & 1406 & 29 & 2,880 & 276 & 3,155 \\ \mbox{Dowagiae, City of} & 1401 & 29 & 9,696 & 240 & 9,936 \\ \mbox{Dickinson County} & 1405 & 29, 10 & 10,332 & (5,892) & 4,440 \\ \mbox{Drummond Island Town} & 7708 & 29 & 9,696 & 240 & 9,936 \\ \mboxagiae, District Li & 1406 & 29 $			,			
$\begin{array}{cccc} Crawford County & 2001 & 29, 27 & 202, 452 & 194, 736 & 397, 188 \\ Crawford County Rd C & 2002 & 29, 22, 10 & 86, 124 & 137, 388 & 223, 512 \\ Croswell, City of & 7401 & 29 & 127, 524 & 134, 760 & 262, 284 \\ Crystal Falls, City & 3603 & 29 & 74,064 & 83,616 & 157,680 \\ Crystal Falls Comm H & 3618 & 20, 10 & 0 & 0 \\ Davison, City of & 2516 & 29 & 104, 928 & 130, 188 & 235, 116 \\ Davison Township & 2519 & 29 & 162,300 & 119,760 & 282,060 \\ Deerfield, Village o & 4603 & 29 & 13,788 & 4,128 & 17,916 \\ Deta Charter Townsh & 2306 & 29 & 45,588 & 106,368 & 151,956 \\ Delta Charter Townsh & 2102 & 29 & 565,260 & 303,504 & 868,764 \\ Delta County Rd Comm & 2105 & 29, 24, 10 & 117,816 & 210,840 & 328,656 \\ Deta-Menominee Dist & 2103 & 29, 10 & 161,532 & (66,780) & 94,752 \\ Detour, Village of & 1706 & 29 & 12,408 & 7,092 & 19,500 \\ Detouri Housing Comm & 8241 & 29 & 672,708 & 19,068 & 691,776 \\ DeWitt, City of & 1908 & 29 & 78,720 & 72,576 & 151,296 \\ Dewitt Charter Township & 8111 & 29 & 4,716 & 1,860 & 6,576 \\ Dickinson-County & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ Dickinson County Rd & 203 & 29 & 116,712 & 83,928 & 200,640 \\ Dickinson-Iron Dist & 3605 & 29, 77, 20 & 79,872 & 40,224 & 120,096 \\ Dimondale, Village of & 303 & 29 & 16,848 & 6,132 & 22,980 \\ Dickinson-Iron Dist & 3605 & 29, 77, 20 & 79,872 & 40,224 & 120,096 \\ Dimondale, Village of & 303 & 29 & 77,688 & 20,532 & 98,220 \\ Dowagiae, City of & 1401 & 29 & 92,928 & 308,124 & 401,052 \\ Dowagiae, City of & 1401 & 29 & 92,928 & 308,124 & 401,052 \\ Dowagiae, City of & 1401 & 29 & 92,928 & 308,124 & 401,052 \\ Dowagiae, City of & 1405 & 29, 10 & 10,332 & (5,892) & 4,440 \\ Drummond Island Town & 1708 & 29 & 9,666 & 240 & 9,936 \\ Drudee, Village of & 5803 & 29, 10 & 6,132 & (6,132) & 0 \\ Durand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Durand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Durand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Durand, City of & 7603 & 29 & 73,068 & 30$					-	
$\begin{array}{c} \mbox{Crawford County Rd C} & 2002 & 29, 22, 10 & 86, 124 & 137, 388 & 223, 512 \\ \mbox{Crystal Falls, City of} & 7401 & 29 & 127, 524 & 134, 760 & 262, 284 \\ \mbox{Crystal Falls, City} & 3603 & 29 & 74, 064 & 83, 616 & 157, 680 \\ \mbox{Crystal Falls, City} & 3603 & 29 & 74, 064 & 83, 616 & 157, 680 \\ \mbox{Crystal Falls, City} & 3603 & 29 & 104, 928 & 130, 188 & 235, 116 \\ \mbox{Davison, Township} & 2519 & 29 & 162, 300 & 119, 760 & 282, 060 \\ \mbox{Derifield, Village o} & 4603 & 29 & 13, 788 & 4, 128 & 17, 916 \\ \mbox{Delta Charter Townsh} & 2306 & 29 & 45, 588 & 106, 368 & 151, 956 \\ \mbox{Delta Charter Townsh} & 2102 & 29 & 565, 260 & 303, 504 & 868, 764 \\ \mbox{Delta County Rd Comm} & 2105 & 29, 24, 10 & 117, 816 & 210, 840 & 328, 656 \\ \mbox{Detar Mominee Dist} & 2103 & 29, 10 & 161, 532 & (66, 780) & 94, 752 \\ \mbox{Detar Mominee Dist} & 2103 & 29, 10 & 161, 532 & (66, 780) & 94, 752 \\ \mbox{Detar Mominee Dist} & 2103 & 29, 10 & 161, 532 & (66, 780) & 94, 752 \\ \mbox{Detar Mominee Dist} & 1910 & 29 & 54, 372 & 72, 576 & 151, 296 \\ \mbox{Detar Momship} & 8111 & 29 & 4, 716 & 1, 860 & 6, 576 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 2206 & 29 & 288, 900 & 250, 068 & 538, 968 \\ \mbox{Dickinson County Rd} & 203 & 29 & 77, 20 & 79, 872 & 40, 224 & 120, 096 \\ \mbox{Dickinson County Rd} & 203 & 29 & 77, 688 & 20, 552 & 200, 280 \\ \mbox{Dickinson County Rd} & 203 & 29 & 77, 688 & 20, 552 & 98, 220 \\ \mbox{Dowagiac, City of} & 1401 & 29 & 22, 221, 916 & 454, 236 & 676, 152 \\ \mbox{Dowagiac, City of} & 1400 & 29 & 2, 880 & 276 & 3, 156 \\ \mbox{Dowagiac} For Dist Hilb Dept No 4 & 7103 & 20 & 70, 728 & 129, 552 & 200, 280 \\ Dist Hilb Dept No 4 & 7103 $						
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$\begin{array}{c} Crystal Falls Comm H & 3618 & 20, 10 & 0 & 0 & 0 \\ Davison City of & 2516 & 29 & 104,928 & 130,188 & 235,116 \\ Davison Township & 2519 & 29 & 162,300 & 119,760 & 282,060 \\ Deerfield, Village o & 4603 & 29 & 13,788 & 4,128 & 17,916 \\ Delta Charter Townsh & 2306 & 29 & 45,588 & 106,368 & 151,956 \\ Delta Charter Townsh & 2102 & 29 & 565,260 & 303,504 & 868,764 \\ Delta County & 2102 & 29 & 565,260 & 303,504 & 868,764 \\ Delta County Rd Comm & 2105 & 29,24,10 & 117,816 & 210,840 & 328,656 \\ Detta-Menominee Dist & 2103 & 29,10 & 161,532 & (66,780) & 94,752 \\ Detour, Village of & 1706 & 29 & 12,408 & 7,092 & 19,500 \\ Detroit Housing Comm & 8241 & 29 & 672,708 & 19,068 & 691,776 \\ DeWitt Charter Towns & 1910 & 29 & 54,372 & 26,655 & 81,024 \\ Dexter, Village of & 8217 & 29 & 60,372 & 41,472 & 101,844 \\ Dexter Township & 8111 & 29 & 4,716 & 1,860 & 6,576 \\ Dickinson County & 2206 & 29 & 288,900 & 250,068 & 538,968 \\ Dickinson County Rd & 2203 & 29 & 116,712 & 83,928 & 200,640 \\ Dickinson County Rd & 2203 & 29 & 16,848 & 6,132 & 22,980 \\ Dickinson County Rd & 200 & 70,728 & 129,552 & 200,280 \\ Distriburg of & 303 & 29 & 77,688 & 20,532 & 98,220 \\ Dist Hht Dept No 2 & 6501 & 20 & 101,724 & 62,544 & 164,268 \\ Dist Hht Dept No 4 & 7103 & 20 & 70,728 & 129,552 & 200,280 \\ District Health Dept & 5104 & 29, 22 & 221,916 & 454,236 & 676,152 \\ Dowagiac, City of & 1401 & 29 & 9,2,928 & 308,124 & 401,052 \\ Dowagiac District Li & 1406 & 29 & 2,880 & 276 & 3,156 \\ Dowagiac District Li & 1406 & 29 & 9,840 & 96 & 8,496 \\ Dundee, Village of & 5803 & 29,10 & 6,132 & (6,132) & 0 \\ Dryden, Village of & 5803 & 29,10 & 6,132 & (6,132) & 0 \\ Dryden, Village of & 5803 & 29,10 & 6,132 & (6,132) & 0 \\ Durand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 104,040 \\ Daurand, City of & 7603 & 29 & 73,068 & 30,972 & 1$						
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Dewitt Charter Towns191029 $54,372$ $26,652$ $81,024$ Dexter, Village of $8217$ 29 $60,372$ $41,472$ $101,844$ Dexter Township $8111$ 29 $4,716$ $1,860$ $6,576$ Dickinson County $2206$ 29 $288,900$ $250,068$ $538,968$ Dickinson County Rd $2203$ 29 $116,712$ $83,928$ $200,640$ Dickinson-Iron Dist $3605$ $29, 27, 20$ $79,872$ $40,224$ $120,096$ Dimondale, Village of $2304$ $29$ $16,848$ $6,132$ $22,980$ Dist Hlth Dept No 2 $6501$ $20$ $101,724$ $62,544$ $164,268$ Dist Hlth Dept No 4 $7103$ $20$ $70,728$ $129,552$ $200,280$ District Health Dept $5104$ $29, 22$ $221,916$ $454,236$ $676,152$ Douglas, Village of $303$ $29$ $7,688$ $20,532$ $98,220$ Dowagiac, City of $1401$ $29$ $22,928$ $308,124$ $401,052$ Dowagiac District Li $1406$ $29$ $2,880$ $276$ $3,156$ Dowagiac Housing Com $1405$ $29, 10$ $10,332$ $(5,892)$ $4,440$ Drummond Island Town $1708$ $29$ $8,400$ $96$ $8,496$ Drunde, Village of $5803$ $29, 10$ $6,132$ $(6,132)$ $0$ Durad, City of $7603$ $29$ $73,068$ $30,972$ $104,040$ East China, Township $7701$ $29$ $65,14$						
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East China, Township77012965,14850,952116,100						104,040
	Eastern UP Trans Aut	1705	29	108,216	124,944	233,160
East Grand Rapids,Ci410120, 1046,644404,676451,320						
East Jordan, City of 1504 29 57,192 29,076 86,268	East Jordan, City of					
East Lansing, City o330129, 27, 22, 20, 101,386,9122,143,4523,530,364						
Eastpointe Housing C         5011         29         13,344         3,444         16,788						
Eaton Co Medical Car230529, 10169,3561,404170,760	Eaton Co Medical Car	2305	29, 10	169,356	1,404	170,760

		iooo vuluution 1	courts by mumer	unity	Total
Municipality Name	<u>Number</u>	Amortization <u>Period(s)</u>	Normal <u>Cost</u>	Amortization <u>Payment</u>	Employer <u>Contribution</u>
Eaton County	2302	29, 10	701,988	1,722,456	2,424,444
Eaton Rapids, City o	2307	29	149,712	157,140	306,852
Eau Claire, Village	1104	29	5,100	9,564	14,664
Ecorse, City of	8206	29, 26, 24, 20	298,296	824,904	1,123,200
Elderly Housing Comm	8222	29	33,264	21,420	54,684
Elkton, Village of	3206	20, 10	2,292	8,208	10,500
Elsie, Village of	1906	27, 10	0	0	0
Emmet, Charter Twnsh	1310	29	40,800	32,160	72,960
Emmet County Rd Comm	2401	20	72,468	245,868	318,336
Escanaba, City of	2101	29, 27	348,936	432,864	781,800
Essexville, City of	903	29, 20, 10	48,492	54,012	102,504
Evart, City of	6705	29	40,092	14,556	54,648
Evart Local Dev Fina	6706	29	7,380	2,580	9,960
Farmington Comm Libr	6319	20, 10	74,772	9,216	83,988
Fenton, City of	2505	29, 27, 20, 10	224,856	86,820	311,676
Ferrysburg, City of	7106	29	19,644	22,704	42,348
Flat Rock, City of	8212	29, 10	258,408	343,140	601,548
Flint Charter Townsh	2512	29	63,540	167,568	231,108
Flint Public Library	2518	29	80,964	6,048	87,012
Flushing, Charter To	2515	29	152,268	109,848	262,116
Flushing, City of	2502	29	218,952	235,224	454,176
Forsyth Township	5212	29 20	61,464	112,284	173,748
Fowler, Village of	1904 4705	29	5,796	1,824	7,620
Fowlerville, Village Fowlerville District	4703	29, 10 29	50,868 6,108	(9,900) 1,164	40,968 7,272
Frankenmuth, City of	7306	29 29	132,588	1,104	233,772
Frankfort, City of	1002	29	38,604	33,192	71,796
Franklin, Village of	6323	29, 10	78,840	50,136	128,976
Fraser, City of	5003	29, 10	0	0	128,970
Fremont, City of	6203	29	144,120	103,632	247,752
Fremont Area Distric	6209	29	30,816	9,288	40,104
Gaastra, City of	3617	29	3,360	1,896	5,256
Gaylord, City of	6903	29	162,768	111,360	274,128
Genesee Charter Town	2510	29	283,056	284,100	567,156
Genoa Township	4713	29	11,628	456	12,084
Gladstone, City of	2106	29, 20	90,060	255,156	345,216
Gladwin, City of	2605	29, 10	77,652	62,064	139,716
Gladwin CO. District	2607	29	17,052	468	17,520
Gladwin County	2602	29, 26, 10	288,036	134,940	422,976
Gladwin County Rd Co	2601	29, 10	98,688	124,776	223,464
Gogebic-Iron Wastewt	2703	29	19,380	31,740	51,120
Grand Blanc, City of	2513	29	132,276	101,748	234,024
Grand Blanc Charter	2511	29, 22	188,736	323,304	512,040
Grand Haven, City of	7010	29, 24, 22, 10	965,772	(393,672)	572,100
Grand Ledge Area Em	2310	29	37,620	6,660	44,280
Grand Rapids Housing	4108	20	26,376	41,376	67,752
Grand Trav. Pavilion	2809	29	561,792	219,204	780,996
Grand Traverse Cnty	2802	20	59,268	112,464	171,732
Grand Traverse Count	2803	29, 22, 20	814,620	2,591,820	3,406,440
Grandville, City of	4102	14	125,532	494,400	619,932
Gratiot County Gratiot County Rd Co	2905 2903	20, 10 29	328,836 142,488	369,180 108,384	698,016 250,872
Grayling, City of	2903	29,26	65,616	24,972	250,872 90,588
Green Oak Township	4708	29, 20 29	46,404	47,580	90,588 93,984
Greenville, City of	5906	29 29	28,512	24,780	53,292
Grosse Ile Township	8207	29	364,908	276,504	641,412
Grosse Pointe Park,	8207	29	274,776	356,268	631,044
Grosse Pte-Clntn Rfs	5004	20, 10	0	0	001,044
Groveland Township	6335	29	33,912	8,232	42,144
Hackley Public Libra	6114	29,10	8,592	(276)	8,316
Hamburg Township	4709	29	53,172	53,520	106,692
Hamtramck, City of	8205	29, 20, 10	495,696	2,665,188	3,160,884
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Amorization         Normal         Amorization         Normal         Amorization         Cast         Parment         Contribution           Municipality Name         3107         29         4.972         18,768         43,740           Harbor Reach, City of         3201         29,10         40,356         (4,152)         36,214           Harmson, City of         1803         29         32,748         19,584         52,332           Harman Deerfield T         4716         29,410         23,416         13,364         26,732           Healta, Distor Giag         7311         29,24,10         93,164         134,592         110,576           Helinka Distor Libr         7012         29         153,444         54,996         29,944           Hiswaha Comm MH Au         1707         29,26,22,20,10         28,434         (50,802)         213,456           Hillsadis, City of         3001         29,20,10         223,376         (80,800)         21,3456           Hillsadis, City of         3004         29         37,352         106,800         21,468           Hillsadis, City of         7001         29,22         1,122,800         96,624         2,124,684           Holland Vesptal         706		MERS 12/31/	2006 Valuation - Re	esults by Municip	pality	
Municipality Same         Number         Period(s)         Cost         Payment         Contribution           Harbor Beach, City of         3101         29, 10         40.355         (4,152)         63.204           Harbor Beach, City of         1803         29         32.418         19.584         52.332           Hartian Deerfield T         4716         29         25.416         1.368         26.784           Health Source of Sag         7311         29, 20         908,304         199.272         1.107.576           Hernk District Labr         310         29, 10         9.372         (6.468)         2.904           Herrick District Labr         7010         29, 22, 20, 10         284.340         (50.982)         233.448           Highald Park, City         8227         11         23.156         (88.200)         233.448           Highald City of         3004         29.20, 10         222.716         (88.208)104         21.2240           Hilbidab ComproSize         3004         29.20, 10         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 </th <th></th> <th></th> <th>Amortization</th> <th>Normal</th> <th>Amortization</th> <th>Total Employer</th>			Amortization	Normal	Amortization	Total Employer
Haacok City of Harbox Beach, City of Harbox Beach, City of3107 120129 	Municipality Name	Number				
$\begin{split} \larbor Beach, City o & 3201 & 29, 10 & 40,356 & (4,152) & 56,204 \\ Harrison, City of & 1803 & 29 & 32,748 & 19,584 & 52,332 \\ Harrland Deerfield T & 4716 & 29 & 25,416 & 1,368 & 26,784 \\ Heating, City of & 801 & 29, 24, 10 & 211,476 & 211,956 & 423,432 \\ Heath Source of Sag & 7311 & 29, 20 & 908,304 & 199,272 & 1,107,576 \\ Henka District Libr & 310 & 29, 10 & 9,372 & (6,468) & 2,904 \\ Herick, District Libr & 7012 & 29 & 153,444 & 54,996 & 208,440 \\ Hiawatha Comm MH Aut & 1707 & 29,26, 22, 20, 10 & 284,340 & (50,892) & 233,448 \\ Hidghand Park, City & 8227 & 11 & 25,156 & 2089,104 & 2,112,240 \\ Hilbsdalc, Ciny of & 3001 & 29, 20, 10 & 222,276 & (8,820) & 143,456 \\ Hollaad, Ciry of & 7001 & 29, 22 & 1,128,060 & 996,624 & 2,124,664 \\ Hollaad Hospital & 7006 & 20,10 & 0 & 0 & 0 & 0 \\ Hollaw (Cyr of & 7001 & 29, 22 & 1,128,000 & 996,624 & 2,124,664 \\ Hollaad Hospital & 7005 & 20, 10 & 3,006,502 & 106,210 & 273,768 \\ Hollaw (Cyr of & 7001 & 29, 21 & 1,128,000 & 996,624 & 2,124,664 \\ Hollaad Hospital & 7005 & 20, 0 & 236,822 & 106,216 & 273,768 \\ Hollaw (Cyr of & 7001 & 29, 10 & 3,004 & 42,94,44 & 14,40 & 24,548 \\ Hollaw (Cyr of & 100 & 29, 10 & 3,004 & 42,640 & 97,823 & 996,624 & 2,124,664 \\ Howard (Drownship & 106 & 29 & 58,20 & 266 & 12,396 & 7,632 & 90,628 & 2,010 & 36,102 & 34,732 & 100,218 & 36,108 & 561,000 \\ Howard (Ciry of & 7004 & 29 & 7,23 & 296,444 & 41,440 & 24,732 & 100,218 & 26,400 & 7,724 & 100,208 & 561,000 & 7,724 & 100,208 & 561,000 & 7,724 & 100,208 & 561,000 & 7,724 & 100,208 & 561,000 & 12,22,70 & 10 & 9,288 & 52,448 & 561,000 & 7,724 & 100,208 & 561,000 & 12,22,00 & 425,540 & 45,540 & 44,732 & 100,248 & 561,000 & 7,724 & 100,278 & 12,2404 & 10,776 & 10,220 & 29 & 257,652 & 303,408 & 561,000 & 7,724 & 100,278 & 12,2404 & 100,776 & 18,216 & 100,208 & 12,2404 & 100,776 & 18,216 & 100,208 & 12,2404 & 100,776 & 18,216 & 100,208 & 12,2404 & 100,76 & 18,216 & 100,208 & 12,2404 & 100,76 & 18,216 & 100,208 & 12,2404 & 100,76 & 18,216 & 100,266 & 12,300 & 44,5430 & 12,300 & 14,5430 & 12,300 & 14,5430 $					-	
Harrison, City of         1803         29         32,748         19,541         23,368           Harritand Deerfield T         4716         29         25,416         1.368         26,784           Hastings, City of         801         29,24,10         211,476         211,956         423,432           Heink, District Lib         7012         29         096,3004         199,272         (.10,7576           Heink, District Lib         7012         29         25,24,20         (.00,892)         233,448           Higsland Park, City         8227         11         23,156         (.00,892)         23,448           Hillislade, Comy Rd         3004         29         37,932         (.06,800)         21,12,240           Hillislade, Comy Rd         3004         29         43,116         72         4,3908           Holman Unrow She         3001         29, 21,12,240         (.00,216)         21,24,681           Holman Unrow She         3001         29         43,116         72         4,3908           Holman Winning Poo         7014         29         43,116         732         20,908           Holman Villigg of         1302         29,20         298,9416         7,932         20,908						
Harland Decrifield T         4716         29         25,416         11,368         26,784           Heatings, City of         801         22,410         211,476         211,956         423,432           Heatin Source of Sag         7311         29,20         908,304         149,252         315,456           Herrick District Lib         7012         29         153,444         54,996         208,440           Hinwaha Comm MH Aut         707         29,26,22,20,10         284,340         (50,892)         233,448           Hilbdale, City of         3001         29,20,10         222,276         (8,820)         213,456           Hilbdale County Rd         3004         29         37,952         106,800         144,733           Hilbdale County Rd         3005         29         16,440         120,048         136,488           Holland Hospital         7006         20,10         0         0         0         0           Holland Kopital         7006         20,10         20,308         456,72         43,908           Holland Swimming Poo         7014         29         43,116         792         43,908           Howel City of         1303         29         10         456,52						
Hasings, City of         801         29, 24, 10         211, 476         211, 956         423, 432           Health Source of Sag         7311         29, 20         988, 804         134, 592         315, 456           Henika District Libr         310         29, 10         9, 772         (6, 468)         2, 904           Harrick District Libr         7012         29         153, 444         54, 996         283, 440           Hinshald Park, City         8227         11         23, 136         2, 089, 104         2, 122, 420           Hillsdale County Rd         3004         29         37, 932         106, 800         144, 732           Hillsdale County She         3005         29         16, 440         120, 048         136, 488           Holland Hospital         7000         29, 22         1, 128, 060         96, 624         2, 124, 684           Holland Hospital         7001         29         28         13, 16         97, 92         43, 008           Holland Hospital         7001         29, 10         36, 072         (11, 436)         24, 636           Houghton County         3103         29         47, 232         49, 604         597, 588           Houghton County Road         3103         2						
Health Source of Sag731129, 20908,304199,2721,107,576Hernik District Libr31029, 109,772(6,468)2,904Herrick District Libr70122915,344454,996208,440Hiawatha Comm MH Aut170729, 20, 22, 20, 10284,340(50,802)233,448Hilphand Park, City82271123,1362,089,104211,224Hillsdate County Rd300129, 20, 10222,276(8,820)213,456Hillsdate County She30052916,440120,048136,488Holland Hospital700620, 100000Holland Strip of71042943,11672243,008Holland Stringe of130429, 103,6072(11,430)24,636Hours, Village of13022947,723249,62096,852Hougton County Road31022947,723249,62096,852Howard City, Village50022612,3967,631220,028Howard City, Village50022612,3967,631220,028Howard Township1106295,5202646,084Howard Township1106295,5202646,084Howard Township1106295,5202646,084Howard Township1106297,720149,90448,464Huron County Rod Comm320229,1023,346561,460Ho						
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Highland Park, City         8227         11         23,136         2,089,104         2,112,240           Hillsdaic, City of         3004         29         37,332         106,800         144,732           Hillsdaic County-Shc         3005         29         16,440         120,048         136,448           Holland, City of         7001         29,22         1,128,060         996,654         2,124,684           Holland Swinming Poo         7014         29         43,116         792         43,908           Hongkon County         3103         29,10         36,072         (11,436)         24,636           Hongkon County Rad         3103         29         47,232         49,620         96,852           Hongkon County Road         3103         29         47,232         49,620         96,852           Hongkon Like Public         7203         29,10         20,388         (2,664)         17,774           Howard City, Village         5902         26         12,396         7,832         20,028           Howard City Village         5902         27,720,10         9,288,372         32,048         66,112         24,732           Howard Carne Fir Aut         4714         29         18,420         <						
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Holland Swimming Poo 7014 29 43,116 792 43,008       Holly, Vilage of 617 29 168,552 105,216 273,768       Homer, Village of 1304 29, 10 36,072 (11,436) 24,636       Houghton County Road 3103 29 24, 29,8044 597,588       Houghton Lake Public 7203 29, 10 20,388 (2,664) 17,724       Howard Township 1106 29 5,820 7,632 20,028       Howard Township 1106 29 5,820 264 6,084       Howell, City of 4702 29 257,652 303,408 561,060       Howell, City of 7004 29, 27, 20, 10 9,288 52,848 62,136       Howell, City of 7004 29, 27, 20, 10 9,288 52,848 62,136       Huntington Woods, Ci 6303 29, 27, 20, 10 9,288 52,848 62,136       Huntington Woods, Ci 6303 29, 27, 20, 10 9,288 52,848 62,136       Huntington Woods, Ci 6303 29, 27, 20, 10 9,288 52,848 62,136       Huntington Woods, Ci 6303 29, 27, 20, 10 9,288 52,848 62,136       Huron County R Comm 3202 29, 10 166,296 126,108 292,404       Huron County R Comm 3202 29, 10 166,296 126,108 292,404       Huron County R Comm 3202 29, 10 166,296 126,108 292,404       Imap City, City of 4404 29 88,592 36,108 122,400       Independence Townshi 6328 29 144,636 71,880 216,516       Independence Townshi 7905 29 7,140 11,076 18,216       Ingham County R Comm 3303 29, 20, 10 15,240 (3,576) 11,664       Ionia, City of 3403 29, 20, 10 15,240 (3,576) 11,664       Ionia, City of 3403 29, 20, 10 15,240 (3,576) 11,664       Ionia, County Road C 3302 29 487,452 318,972 806,424       Interurban Transit A 308 29, 10 15,240 (3,576) 11,664       Ionia, County Road Co 3302 29 187,852 91,88 293,112 51,516       Ionia County Road Co 3302 29 187,852 91,88 293,112 51,516       Ionia County Road Co 3404 29 108,844 407,172 515,516       Ionia County Road Co 3404 29 108,844 407,172 515,516       Ionia County Road Co 3404 29 108,844 407,172 515,516       Ionia County Road Co 3404 29 108,844 1407,172 515,516       Ionia County Road Co 3404 29 108,844 196,932 320,736       Iron County Road Co 3404 29 128,844 196,932 320,736       Iron County Road Co 3502 29 8,268 11,988 49	Holland, City of	7001	29, 22	1,128,060	996,624	2,124,684
	Holland Hospital	7006	20, 10	0	0	0
$\begin{array}{l l} \mbox{Home}{Home}_{1} \mbox{Village of} & 1304 & 29, 10 & 36,072 & (11,436) & 24,636 \\ \mbox{Houghton} County Road & 3103 & 29, 20 & 298,944 & 298,644 & 597,588 \\ \mbox{Houghton} County Road & 3103 & 29 & 47,232 & 49,620 & 96,852 \\ \mbox{Howard} City, Village & 5902 & 26 & 12,396 & 7,652 & 20,028 \\ \mbox{Howard} Township & 1106 & 29 & 5,820 & 264 & 6,084 \\ \mbox{Howell} Area Fire Aut & 4714 & 29 & 18,420 & 6,312 & 24,732 \\ \mbox{Howell} Area Fire Aut & 4714 & 29 & 18,420 & 6,312 & 24,732 \\ \mbox{Howell} City of & 7004 & 29, 27, 20, 10 & 9,288 & 52,848 & 62,136 \\ \mbox{HuntingOn Woods}, C1 & 6303 & 29, 27, 20 & 149,904 & 408,108 & 558,012 \\ \mbox{Huron Charter Townsh} & 8224 & 29 & 239,304 & 245,340 & 484,644 \\ \mbox{Huron Contry Rod Comm} & 3202 & 29, 10 & 166,296 & 126,108 & 292,404 \\ \mbox{Huron Contry Rod Comm} & 3202 & 29 & 7,146 & 11,076 & 18,216 \\ \mbox{Independence Townshi} & 6328 & 29 & 144,653 & 71,880 & 216,516 \\ \mbox{Independence Townshi} & 7905 & 29 & 7,140 & 11,076 & 18,216 \\ \mbox{Independence Townshi} & 7303 & 29, 20,10 & 238,188 & 293,112 & 531,300 \\ Interurban Tawnis A & 3003 & 29, 20,10 & 238,188 & 293,112 & 531,300 \\ \mbox{Interurban Tawnis A & 3008 & 29, 10 & 15,240 & (3,576) & 11.664 \\ \mbox{Interurban Tawnis A & 3006 & 29 & 108,344 & 407,172 & 515,616 \\ \mbox{Ionia County Road C & 3502 & 29 & 138,36 & 7,212 & 21,048 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,344 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 407,172 & 515,616 \\ \mbox{Ionia County Road Co & 3404 & 29 & 108,844 & 19,696 & 73,606 \\ \mbox{Ion County Road Co & 3404$	Holland Swimming Poo	7014	29	43,116	792	43,908
$\begin{array}{l l l l l l l l l l l l l l l l l l l $	Holly, Village of	6317	29	168,552	105,216	273,768
$\begin{array}{l l} \mbox{Houghton County Road} & 3103 & 29 & 47,232 & 49,620 & 96,852 \\ \mbox{Houghton Lake Public } & 7203 & 29, 10 & 20,388 & (2,664) & 17,724 \\ \mbox{Howard City, Village} & 5902 & 26 & 12,396 & 7,632 & 20,028 \\ \mbox{Howard Township} & 1106 & 29 & 5,820 & 264 & 6,084 \\ \mbox{Howell, City of} & 4702 & 29 & 257,652 & 303,408 & 561,060 \\ \mbox{Howell Area Fire Aut} & 4714 & 29 & 18,420 & 6,312 & 24,732 \\ \mbox{Housonville, City of} & 7004 & 29, 27, 20, 10 & 9,288 & 52,848 & 62,136 \\ \mbox{Housonville, City of} & 7004 & 29, 27, 20, 10 & 9,288 & 52,848 & 62,136 \\ \mbox{Hutington Woods, Ci} & 6303 & 29, 27, 20 & 149,904 & 408,108 & 558,012 \\ \mbox{Huron Charter Townsh} & 8224 & 29 & 239,004 & 245,340 & 484,644 \\ \mbox{Huron County Rd Comm 3202 & 29, 10 & 166,296 & 126,108 & 222,404 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 4404 & 29 & 86,292 & 36,108 & 122,400 \\ \mbox{Image City, City of} & 3403 & 29, 20, 10 & 3,13,404 & 2,869,476 & 6002,880 \\ \mbox{Independence Townshi} & 6328 & 29, 10 & 15,240 & (3,576) & 11,664 \\ \mbox{Indianfields Townshi} & 7905 & 29 & 7,140 & 11,076 & 18,216 \\ \mbox{Image Community, Libr} & 3412 & 29 & 13,836 & 7,212 & 21,048 \\ \mbox{Intervhan Transit A} & 308 & 29, 10 & 138,708 & 40,896 & 179,604 \\ \mbox{Iomia Community, Libr} & 3412 & 29 & 13,836 & 7,212 & 21,048 \\ \mbox{Iomia Community, Libr} & 3408 & 29, 20 & 10 & 238,188 & 293,112 & 531,300 \\ \mbox{Iom County} Road Co & 3502 & 29 & 43,920 & 98,196 & 142,116 \\ \mbox{Iom County} Road Co & 3502 & 29 & 13,820 & 78,806 & 179,604 \\ \mbox{Iom County} Road Co & 3502 & 29 & 13,820 & 78,806 & 150,000 \\ \mbox{Irron County} Road Co & 3502 & 29 & 16,848 & 19,440 & 36,288 \\ \mbox{In County} Road Co & 3502 & 29 & 16,$	Homer, Village of	1304	29, 10	36,072	(11,436)	
$\begin{array}{l l l l l l l l l l l l l l l l l l l $	Houghton County	3102		298,944	298,644	597,588
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Ishpeming A J Wstwtr520729, 20, 1013,2728,12421,396Ishpeming Township52162916,04413,71629,760Ithaca, City of290429, 2728,69246,66875,360Jackson,Cty Transpor380529, 10116,59246,896163,488Jackson District Lib380229, 1093,480(93,480)0Jordan Valley Distri150729, 104,308(1,020)3,288		5204	29	87,960	144,744	232,704
Ishpeming Township52162916,04413,71629,760Ithaca, City of290429,2728,69246,66875,360Jackson,Cty Transpor380529,10116,59246,896163,488Jackson District Lib380229,1093,480(93,480)0Jordan Valley Distri150729,104,308(1,020)3,288			29, 20, 10			
Ithaca, City of290429, 2728,69246,66875,360Jackson,Cty Transpor380529, 10116,59246,896163,488Jackson District Lib380229, 1093,4800Jordan Valley Distri150729, 104,308(1,020)3,288	Ishpeming Township	5216				
Jackson,Cty Transpor380529, 10116,59246,896163,488Jackson District Lib380229, 1093,480(93,480)0Jordan Valley Distri150729, 104,308(1,020)3,288	Ithaca, City of					
Jordan Valley Distri150729, 104,308(1,020)3,288	Jackson, Cty Transpor					163,488
Kalamazoo Lk, Sewer3062924,48010,24834,728						
	Kalamazoo Lk, Sewer	306	29	24,480	10,248	34,728

		iooo valuation i	courts by municip	Julity	Total
<u>Municipality Name</u>	<u>Number</u>	Amortization <u>Period(s)</u>	Normal <u>Cost</u>	Amortization <u>Payment</u>	Employer <u>Contribution</u>
Kalamazoo Public Lib	3903	29	157,008	23,352	180,360
Kalkaska, Village of	4001	29, 24, 20, 10	73,272	59,148	132,420
Kalkaska County	4003	29, 10	317,268	39,384	356,652
Kalkaska County Rd C	4002	29	126,084	172,632	298,716
Kalkaska Public Tran	4004	29	32,484	18,348	50,832
Keego Harbor, City o	6322	29	82,260	39,888	122,148
Kent County CMH Auth	4109	29, 10	500,976	(186,840)	314,136
Keweenaw County	4202	29	34,752	23,964	58,716
Keweenaw County Rd C	4201	29	82,056	53,676	135,732
Kinde, Village of	3209	29	1,056	5,004	6,060
Kingsford, City of	2202	29, 10	62,988	14,628	77,616
L'Anse, Village of	705	29	60,744	76,092	136,836
Laingsburg, City of	7608	29, 10	12,036	(852)	11,184
Lake County	4301	29	318,264	59,568	377,832
Lake County Rd Commi	4302	29	97,512	116,376	213,888
Lakeland Library Coo	4106	29	26,292	2,340	28,632
Lake Linden, Village	3105	29, 10	19,560	9,324	28,884
Lake Odessa, Village	3402	20, 10	0	0	0
Lake Orion, Village	6318	29, 27	54,456	42,732	97,188
Lakeshore Coordinati	7007	29, 10	20,928	(1,464)	19,464
Lansing Housing Comm	3311	29	198,120	5,640	203,760
Lapeer, City of	4401	29	337,608	206,964	544,572
Lapeer County	4403	29	1,786,128	333,684	2,119,812
Lapeer County Rd Com	4402 4410	29, 20, 10 29	109,428 51,780	235,440 49,656	344,868
Lapeer District Libr Lathrup Village, Cit	6311	29 29, 10	62,652	27,252	101,436 89,904
Laurium, Village of	3104	29, 10	34,512	29,664	64,176
Lawrence, Village of	8004	27, 22, 10	0	29,004	04,170
Leelanau County	4501	27, 22, 10	440,772	214,224	654,996
Leelanau County Rd C	4503	29	53,160	99,912	153,072
Leoni Township	3804	29	73,932	29,880	103,812
Leslie, City of	3313	29	22,344	27,300	49,644
Leslie Township	3319	29	4,716	4,176	8,892
Lexington, Village o	7708	29, 27, 10	29,052	22,848	51,900
Library Network	8218	29, 24, 10	60,624	16,044	76,668
Lima Township	8112	29	5,268	3,936	9,204
Litchfield, City of	3006	29	(4,356)	7,452	3,096
Livingston County	4703	29, 27, 22	2,088,024	934,908	3,022,932
Livingston County CM	4712	29	383,568	40,248	423,816
Livingston County Rd	4701	29	298,920	80,052	378,972
LMAS Dist Hlth Depar	4803	29, 10	198,468	(40,092)	158,376
Looking Glass Region	2311	29	12,720	432	13,152
Loutit District Libr	7013	29	51,912	7,488	59,400
Lowell, City of	4104	29, 20	127,284	121,188	248,472
Luce County	4804	29	97,404	111,780	209,184
Luce County Rd Commi	4801	29	112,704	153,324	266,028
Ludington, City of	5302	29	243,156	141,960	385,116
Ludington-Mason Dist	5303	29	34,152	15,252	49,404
Luna Pier, City of	5802	29, 27	16,464	69,780	86,244
Lyons, Village of	3411	29 20	6,912	636	7,548
Mackinac Co. Housing	4905	29	4,356	6,864	11,220
Mackinac County	4901 4903	29, 26, 20	197,940	131,868	329,808
Mackinac County Rd C Mackinac Strts Hosp	4903	29, 27 29	104,208 760,920	124,956 178,992	229,164
Mackinac Strts Hosp Madison Heights, Cit	4902 6308	29 29, 10	427,116	218,988	939,912 646,104
Madison Township	4605	29, 10	16,488	8,964	25,452
Manistee, City of	4003 5105	29 29, 10	155,916	(92,424)	63,492
Manistee, City of Manistee City Rd Com	5103	29, 10	136,932	297,288	434,220
Manistee Courty	5105	29, 22 29, 10	723,084	335,028	1,058,112
Manistee County Manistee Housing Com	5107	29, 10	2,568	(2,568)	1,050,112
Manistique, City of	7504	29,10	143,784	212,868	356,652
Manlius Township	311	29	4,344	6,936	11,280
<b>E</b>		-	y - · · -	- 7	,

	MERS 12/31/	2006 Valuation - Re	esults by Munici	pality	<b>T</b> ( )
		Amortization	Normal	Amortization	Total Employer
<u>Municipality Name</u>	<u>Number</u>	Period(s)	<u>Cost</u>	<u>Payment</u>	<u>Contribution</u>
Manton, City of	8304	29	17,484	36,708	54,192
Marenisco Township	2704	29	10,992	3,204	14,196
Marine City, City of	7704	20, 10	0	0	0
Marion, Village of	6704	29	6,672	6,684	13,356
Marlette, City of	7405	29	34,356	25,032	59,388
Marquette, City of	5201	29, 20, 10	434,208	577,152	1,011,360
Marquette Brd of Lig	5209	27, 20, 10	193,716	411,504	605,220
Marquette Charter To	5215	29	42,528	23,364	65,892
Marquette Cnty Trans	5206	29, 10	38,592	11,412	50,004
Marquette County	5202	29, 26, 22, 20, 10	995,316	1,311,504	2,306,820
Marquette County Air	5210	27, 20	38,172	55,680	93,852
Marquette County Rd	5211	29, 22	261,708	508,644	770,352
Marquette Waste Mgmt	5213	29	29,988	17,892	47,880
Marshall, City of	1306	29, 10	149,532	62,700	212,232
Marshall Area Fire/A	1313	29	19,956	636	20,592
Marshall District Li	1309	26	0	1,548	1,548
Mason, City of	3304	29, 10	88,068	80,892	168,960
Mason County	5301	29, 27, 10	679,572	130,680	810,252
Mason County Road Co	5305	29	108,792	96,900	205,692
Mason-Oceana Cty Enh	6403	29, 26	51,252	14,280	65,532
Mastodon Township	3613	20, 10	0	0	0
MBS International Ai	902 5405	29 29	131,448	86,616	218,064
Meceola Central Disp	5405 5403	29 22, 20, 10	50,652 358,872	11,364	62,016
Mecosta County Mecosta County Gener	5403	22, 20, 10	0	217,212 0	576,084 0
Mecosta County Rd Co	5404 5401	20, 10	68,388	19,308	87,696
Melvindale, City of	8215	29, 26	276,696	636,960	913,656
Melvindale Housing C	8220	29, 20	30,312	10,800	41,112
Menominee, City of	5501	29	156,768	53,928	210,696
Menominee County	5502	29, 20, 10	354,516	190,404	544,920
Menominee County Rd	5503	29	68,376	52,824	121,200
Meridian Charter Tow	3315	29	482,124	867,372	1,349,496
Metamora Township	4409	29	33,108	4,272	37,380
Mich. Grand River Wa	3306	20	0	0	0
Mich S Cntrl Pwr Age	3002	29	172,824	123,528	296,352
Middleville, Village	803	29, 20, 10	19,500	(6,000)	13,500
Midland, City of	5601	29, 26	1,474,356	1,529,184	3,003,540
Midland Auth for Cen	5604	29	44,460	15,876	60,336
Midland County Road	5602	29	117,888	183,480	301,368
Mid Michigan Dist Hl	5901	29, 10	203,172	30,888	234,060
Mid-Michigan Library	8306	29, 10	13,392	(2,592)	10,800
Mid Peninsula Lbry C	3609	22	0	0	0
Milan, City of	5801	29, 22, 20	133,404	220,644	354,048
Milan Library	5806	29	10,224	3,732	13,956
Milford, Village of	6313	29, 20	129,588	157,620	287,208
Millington, Village	7904	29, 22	8,532	2,004	10,536
MI Mun Emplys Ret Sy MI Municipal Bisk Mg	2308 8237	29 29	573,432 23,424	94,584 3,540	668,016 26,964
MI Municipal Risk Mg Missaukee County	5702	29	91,284	65,160	156,444
M O A Solid Waste Mg	6002	29	24,012	9,252	33,264
Monroe Housing Commi	5808	29	22,404	20,076	42,480
Montague, City of	6112	29	38,712	29,364	68,076
Montcalm County Rd C	5905	29	167,976	176,232	344,208
Montmorency County	6001	29	216,948	160,512	377,460
Montrose, City of	2509	29, 20	15,456	22,980	38,436
Mt. Morris, Township	2503	29	358,392	364,848	723,240
Mt. Pleasant, City o	3701	29	309,996	150,264	460,260
Muir, Village of	3405	29	4,452	9,504	13,956
Mundy, Charter Townsh	2517	29	58,236	64,080	122,316
Munising, City of	202	29, 22	104,016	52,536	156,552
Muskegon, City of	6116	13, 10	542,940	162,576	705,516
Muskegon County	6103	29, 10	3,146,220	1,297,668	4,443,888

Amortization         Normal         Amortization         Normal         Resided Particular         Contribution           Muckagen County Rd C         6101         29         26, 10         253, 22         170, 880         468, 672           Muckagen Heights Flou         6115         29, 26, 10         13,344         157,250         25,692           Muskagen Heights Flou         6113         29         20,172         5,552         25,692           Negauree Civorabilip         217         29         4,140         6,600         10,740           Newage County         6201         29,26,10         171,960         (14,004)         5,016           Newage Cry Mental H         6207         22,10         19,020         (14,004)         5,016           Newage Cry Mental H         6207         22,10         19,020         (14,004)         5,016           Newage Cry Mental H         6207         22,10         12,843         13,5076         147,384           Newage Cry Mental H         6207         22,10         12,848         10,9020         3,120           Newage Cry Mental H         6207         22,22         11,384         13,508         11,592           Newage Cry Mental H         6207         22,22		WIERO 12/31/	2000 Valuation - K	could by Municip	Janty	Total
$\begin{split} \text{Markagon Leights, Ci } 6101 29 297, 792 170, 800 468, 672 Markagon Heights, Ci } 6102 29, 26, 10 256, 532 151, 728 468, 660 Markagon Heights, Hou } 6115 29, 10 13, 344 (7, 752) 5520 55692 Negamoc, City of 5203 29 164, 433 123, 760 293, 592 Negamoc, City of 5203 29 14, 440 6, 600 10, 740 NE Ottawa Dist Libra 7011 29 2, 555 2, 664 5, 220 Newaygo Crumy , Col 29, 26, 22, 20, 10 284, 340 13, 814 24 18, 152 Newaygo Crumy , Col 29, 26, 22, 00, 10 24, 340 13, 814 24 18, 152 Newaygo Crumy , Col 29, 26, 22, 00, 10 19, 020 (14, 004) 5, 016 Newaygo Sol Wer C 6, 204 29, 26, 10 177, 900 (30, 576) 147, 7384 Newaygo Sol Wer C 6, 204 29, 26, 10 177, 900 (30, 576) 147, 7384 Newaygo Sol Wer C 6, 201 29, 10 66, 204 49, 488 115, 692 Newberty, Villago f 4802 29, 10 0 2, 13, 88 (3, 552 14, 940 Newberty, Villago f 4802 29, 10 0 21, 588 (1, 716) 19, 9372 Newberty, Villago f 4802 29, 10 0 21, 588 (1, 716) 19, 9372 No Markagon, City of 6104 29 25, 27, 20 211, 368 345, 996 573, 364 Northwestern Nigar New Sol Nigar N$			Amortization	Normal	Amortization	
$\begin{split} \text{Muskegon Heighs FG} & 6102 29, 26, 10 256, 32 (J. 7, 752) 5.592 \\ Muskegon Hoising Com 6113 29 20, 172 5, 520 25, 692 \\ \text{Muskegon Hoising Com 6113 29 20, 172 5, 520 25, 692 \\ \text{Muskegon Hoising Com 6113 29 20, 172 5, 526 23, 604 5, 220 \\ \text{Newayog County 612 10, 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog County 6201 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog Collowing County 6201 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog Medical Care 6204 29, 26, 10 14, 020 (14, 004) 5, 016 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Subtrice Libra 1105 29, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Subtrice Libra 1105 29, 10 4, 212 (1, 1092) 3, 120 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 9 80, 568 24, 759 84, 946 \\ \text{Northfiel Township 8117 29 9 80, 568 24, 759 84, 946 \\ \text{Northfiel Township 8117 29 80, 520 80, 568 24, 736, 660 1902, 120 \\ \text{Northfiel Township 8230 29 9 80, 568 24, 736 660 1902, 120 \\ \text{Northfiel Damit 10, 520 1 80, 5720 556 (144 113, 260 \\ Northwexe M (Crown HA 1502 20 6), 61, 132 44, 148 113, 260 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 636 10, 5021 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2806 29 77, 720 556, 6144 113, 260 \\ \text{Oreal Township 4717 29 15, 720 55, 124 21, 44, 64, 6300 \\ 0genaw County 64, 760 292, 71, 03, 366, 66, 530 109, 744 4, 736 , 650 \\ 0genaw County 100 70 702 29, 13, 266 1360, 537, 212 21, 442 \\ 0genaw County M (Com 6503 29, 20, 10 32, 256 55 12, 244 4, 174, 324 \\ 0gen$	Municipality Name	<u>Number</u>	Period(s)	<u>Cost</u>	<b>Payment</b>	
$\begin{split} \text{Muskegon Heighs FG} & 6102 29, 26, 10 256, 32 (J. 7, 752) 5.592 \\ Muskegon Hoising Com 6113 29 20, 172 5, 520 25, 692 \\ \text{Muskegon Hoising Com 6113 29 20, 172 5, 520 25, 692 \\ \text{Muskegon Hoising Com 6113 29 20, 172 5, 526 23, 604 5, 220 \\ \text{Newayog County 612 10, 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog County 6201 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog Collowing County 6201 29, 26, 22, 20, 10 284, 340 133, 812 418, 152 \\ \text{Newayog Medical Care 6204 29, 26, 10 14, 020 (14, 004) 5, 016 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Medical Care 6204 29, 26, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Subtrice Libra 1105 29, 10 4, 212 (1, 1092) 3, 120 \\ \text{Newayog Subtrice Libra 1105 29, 10 4, 212 (1, 1092) 3, 120 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 40, 824 7, 944 48, 766 \\ \text{Northfiel Township 8117 29 9 80, 568 24, 759 84, 946 \\ \text{Northfiel Township 8117 29 9 80, 568 24, 759 84, 946 \\ \text{Northfiel Township 8117 29 80, 520 80, 568 24, 736, 660 1902, 120 \\ \text{Northfiel Township 8230 29 9 80, 568 24, 736 660 1902, 120 \\ \text{Northfiel Damit 10, 520 1 80, 5720 556 (144 113, 260 \\ Northwexe M (Crown HA 1502 20 6), 61, 132 44, 148 113, 260 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 636 10, 5021 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2805 29 80, 568 24, 536 105, 201 \\ \text{Northwexe M Fey Ap 2806 29 77, 720 556, 6144 113, 260 \\ \text{Oreal Township 4717 29 15, 720 55, 124 21, 44, 64, 6300 \\ 0genaw County 64, 760 292, 71, 03, 366, 66, 530 109, 744 4, 736 , 650 \\ 0genaw County 100 70 702 29, 13, 266 1360, 537, 212 21, 442 \\ 0genaw County M (Com 6503 29, 20, 10 32, 256 55 12, 244 4, 174, 324 \\ 0gen$	Muskegon County Rd C	6101	29	297.792	170.880	468.672
Muskegon Hoising Com         6113         29         20,172         5,320         25,0692           Negaunec Township         5217         29         14,432         128,760         293,592           Negaunec Township         5217         29         4,140         6,600         10,740           Net Otava Dist Libra         7011         29         2,556         2,664         5,220           Newaygo County         6201         29,26,10         177,960         (30,750)         147,384           Newaygo SoliWir C         6205         29,10         4,212         (1,092)         3,120           Newaygo SoliWir C         6204         29         25,512         54,180         109,392           Newaygo SoliWir C         6104         29         52,122         54,180         109,392           Neithed Township         8117         29         40,824         7,344         43,764           Northfield Township         8117         29         40,824         7,344         43,769           Northfield Township         8135         20         20,1         0         0         0           Northfield Township         8230         29         21,62,20         211,668         345,996 <t< td=""><td></td><td></td><td></td><td></td><td>·</td><td></td></t<>					·	
Negamice, City of         5203         29         164,832         128,700         293,592           Negame Township         5217         29         4,140         6.600         10,740           Newaygo County         6201         29,26,22,0.10         284,340         133,812         418,152           Newaygo Medical Care         6204         29,26,1.0         179,960         (14,044)         5.016           Newaygo Soli/Wir C         6205         29,10         4,212         (1.092)         3,120           Newaygo Medical Care         6204         29,26,10         17,388         3,552         14,940           Nikes District Libra         1105         29,10         21,588         (1,716)         19,872           N Mukegon, City of         6104         29         9         69,156         0         0         0           Northrille Township         8117         29         40,824         7,944         48,708           Northrille Solivirict         8208         29,72,62,22,00         0         0         0         0           Northrille Township         8230         29         49,156         15,792         84,948           Northrille Township         8230         29         80,						
Negamee Township         5217         29         4,140         6.600         10.740           NE Otawa Dist Libra         7011         29         2,556         2,624         13.812         41.8152           Newayg County         6201         29, 26, 10         177,960         (30,76)         147,384           Newayg Soldical Care         6204         29, 10         4,212         (1.092)         3,120           Newayg Soldical Care         6204         29, 10         66,204         49,488         115,692           Newayg Soldical Care         6204         29, 10         62,324         49,488         115,692           Newsteps, City of         6104         29         55,121         54,180         109,332           Northfield Township         8117         29         40,824         7,944         48,768           Northfield Township         8117         29         49,824         7,944         48,768           Northfield Township         8117         29         49,824         7,944         48,768           Northfield Township         8202         20, 20         0         0         0         0           Northfield Township         8205         29         49,324         44,148<	Muskegon Housing Com		29		5,520	25,692
NE Ottava Dist Libra         7011         29         2,556         2,664         5,220           Newaygo Cuy Mental H         6207         22, 10         19,020         (14,004)         5,016           Newaygo Soli/Wir C         6204         22, 62, 10         17,960         (30,576)         147,384           Newaygo Midlacia Care         6204         22, 62, 10         17,960         (30,576)         147,384           Newaygo Soli/Wir C         6305         29, 10         4,212         (1,092)         3,120           Nukskegon, City of         6104         29         15,581         (1,716)         19,872           N Muksgon, City of         6104         29         55,212         54,180         109,392           No Mich, Comm. Mnt         2403         20         0         0         0         0           Northille, City of         8208         29, 27, 26, 22, 20         21,368         355,966         557,364           Northille, District         8208         29, 27, 26, 22, 20         21,368         355,966         557,364           Northille, District         8203         29         80,568         24,636         105,204           Northille, District         8202         29         69,13						
Newaygo County         6201         29, 26, 22, 20, 10         284,340         133,812         418,152           Newaygo Madical Care         6204         29, 26, 10         177,960         (30,756)         147,384           Newaygo SubitWar C         6205         29, 10         64,212         (1,092)         3,120           Newaydos SubitWar C         6305         29, 10         64,212         (1,092)         3,120           Newstegon Cuty War         3106         29         11,388         3,552         14,940           Nuskegon City of         6104         29         55,512         54,180         109,392           No. Mich, Comm, Mut         2403         20, 10         0         0         0           Northroit Frowship         8117         29         40,824         43,744         48,768           Northroit Browship         8202         20         0         0         0         0           Northroit Browship         8203         29         49,234         24,343         105,204         Northroit Browship         736,660           Northroit Browship         8205         29         80,568         24,636         105,204           Northroit Browship         8205         29						
Newagye Cly Mental H         6207         22, 10         19,020         (14,040)         5,016           Newagye SolitWr C         6205         29, 10         64,212         (1,092)         3,120           Newatyer, Vilage of         4802         29, 10         66,204         49,488         115,692           N Houghton Cny Wr         3106         29         11,338         3,552         14,940           Niles District Libra         1105         29, 10         21,588         (1,716)         19,872           N Muskegon, City of         6104         29         55,212         54,180         109,992           No Mich. Comm. Mnd         2403         20, 10         0         0         0         0           Northivilla City of         8208         29, 27, 20, 20         0         0         0         0           Northwilla Forwaship         8206         29         80,568         24,636         105,204           Northwest MI Comm HA         1502         20         69,153         44,148         113,286           Northwest MI Comm HA         1502         20         69,153         44,445         123,802           Northwest MI Comm HA         1502         29,977,103         155,604						
Newaygo Medical Care         6204         29, 26, 10         177,900         (30,376)         147,384           Newaygo SulWur C         6205         29, 10         66,204         49,448         115,692           Newaygo Sulfact         1106         29         11,388         3,552         14,940           Niles District Libra         1105         29, 10         21,588         (1,716)         19,872           No. Mich. Comm. Mul         2403         20, 10         0         0         0         0           Northfield Township         8117         29         40,824         7,944         48,768           Northville, City of         8208         29, 27, 26, 22, 20         211,368         345,096         557,364           Northville Township         8230         29         49,152         44,455         736,630           Northville Township         8230         29         49,152         44,448         113,286           Northvest MI Comm HA         1502         20         69,152         44,448         113,286           Northvest MI Comm HA         1502         20         69,132         44,448         113,286           Northvest MI Comm HA         1502         29,277         10,35,660						
Newsigo Soli/Wr C         6205         29, 10         4,212         (1,092)         3,120           Newstery, Village of         4802         29, 10         66.204         49,488         115,692           N Houghton Cny Wr         3106         29         11.338         3,552         14,940           Nikes District Libra         1105         29, 10         21.588         (1,716)         19,872           N Muskegon, City of         6104         29         55,212         54,180         109,992           No. Mich. Comm. Mnd         2403         20, 10         0         0         0           Northifield Township         8117         29         40,824         7,944         48,768           Northiville, District         8208         29, 27, 26, 22, 20         211,368         345,996         557,364           Northwith Township         8208         29         80,568         24,636         105,204           Northwest MI Comm HA         1502         20         69,132         44,148         113,280           Northwest MI Comm HA         1502         29         10,355,660         866,460         1902,120           Neine Behavioral         2907         29,27,10,355,660         866,460         1902,12						
Newbörr, Village of         4802         29, 10         66,204         49,488         115,692           Nies District Libra         1105         29, 11,388         3,552         14,940           Nies District Libra         1105         29, 10         21,588         (1,716)         19,872           No. Mich. Comm. Mul         203         20, 10         0         0         0         0           Northfield Township         8117         29         40,824         7,944         48,768           Northyort, Village o         4502         20         0         0         0         0           Northyort, Village o         8208         29,27,26,22,20         211,368         345,996         557,364           Northweith Reg Ann         2805         29         491,352         736,680         105,204           Northwest MI Comm HA         1502         20         69,152         44,448         113,3664           Northyort         6106         29         577,620         556,044         1,133,664           Northwest MI Comm HA         1502         20,10         277,142         124,342         238,032           Northwest MI Comm HA         208         22,10         296,904         58,752						
$\begin{split} N \mbox{Honghan} \mbox{Cury} \mbox{Wr} & 3106 & 29 & 11.388 & 3.552 & 14.940 \\ Nitsc District Libra & 1105 & 29.10 & 21.588 & (1,716) & 19.872 \\ N \mbox{Mach} \mbox{Curry} \mbox{Mach} & 29.010 & 0 & 0 & 0 \\ Northfield Township & 8117 & 29 & 40.824 & 7.944 & 48.768 \\ Northyort, Village o & 4502 & 20 & 0 & 0 & 0 \\ Northfield Township & 8208 & 29, 27, 26, 22, 20 & 211.368 & 345.996 & 557.364 \\ Northville City of & 8208 & 29, 27, 26, 22, 20 & 211.368 & 345.996 & 557.364 \\ Northville District & 8229 & 29 & 69.156 & 15.792 & 84.948 \\ Northville District & 8229 & 29 & 80.568 & 24.636 & 105.204 \\ Northwestern Reg \mbox{App} & 2805 & 29 & 80.568 & 24.636 & 105.204 \\ Nortwestern Reg \mbox{App} & 2805 & 29 & 80.568 & 24.636 & 105.204 \\ Nortwestern Reg \mbox{App} & 2805 & 29 & 577.620 & 556.044 & 1,133.664 \\ Norway, City \mbox{of} & 6320 & 29.277 & 1.035.660 & 866.460 & 1.902.120 \\ Norway, City \mbox{of} & 6320 & 29.277 & 1.035.660 & 866.460 & 1.902.120 \\ Norway, City \mbox{of} & 6532 & 29.271 & 10.35.660 & 168.156 & 905.352 \\ Oceana County & 6402 & 29.10 & 737.196 & 168.156 & 905.352 \\ Oceana County & 6502 & 29.271 & 10 & 346.776 & 88.656 & 435.432 \\ Ogemaw County \mbox{BA} & 6508 & 29 & 52.656 & 12.144 & 64.800 \\ Ogemaw County \mbox{BA} & 6508 & 29 & 67.380 & 109.944 & 174.324 \\ Ohvorny, City \mbox{of} & 7105 & 29 & 18.864 & 935 & 19.800 \\ Ontonagon County \mbox{Ad} & 6604 & 29 & 186.036 & 60.780 & 197.460 \\ Ontonagon County \mbox{Ad} & 6601 & 29 & 130.683 & 55.568 & 68.520 \\ Ontonagon County \mbox{Ad} & 6604 & 29 & 186.036 & 60.780 & 197.400 \\ Ontonagon County \mbox{Ad} & 6601 & 29 & 134.376 & 135.072 & 449.448 \\ Orchard Lake, City o & 6312 & 29.20 & 51.7956 & 248.688 & 766.644 \\ Ontonagon County \mbox{Ad} & 6604 & 29 & 186.036 & 60.780 & 197.400 \\ Ontonagon County \mbox{Ad} & 6604 & 29 & 186.036 & 60.780 & 197.400 \\ Ontonagon County \mbox{Ad} & 6601 & 29 & 134.376 & 135.072 & 449.448 \\ Orchard Lake, City o & 6312 & 29.20 & 517.956 & 248.688 & 766.644 \\ Orthard Caunty \mbox{Ad} & 6601 & 29 & 138.504 & 69.972 & 208.4$						
Niles District Libra110529, 1021,588(1,716)19,872No. Mich. Comm. Mult240320, 100000Northfield Township81172940,8247,94448,768Northroit, Village o4502200000Northville, City of820829, 27, 26, 22, 20211,30835,996557,364Northville District82292969,13615,79284,948Northwest MI Comm HA15022069,13244,148113,260Northwest MI Comm HA15022069,13244,148113,264Norton Shores, City of632029, 271,035,660866,4601,902,120Northwest MI Comm HA200729, 20, 10272,484(34,452)238,032Northres, City of632029, 10737,196168,156995,355,555Oceana County640229, 10737,196168,156995,352Oceana County650229, 20, 1024,636100,944174,324Ogemaw County Rd Com65032967,380106,944174,324Olive Township7009293,2169724,188Onaway, City of70152918,86493619,800Ontonagon County Rd Com66032913,08866,780197,460Ogemaw County Rd Co660329136,08355,244538,476Ontonagon County Rd Com660129138,504<						
$ \begin{split} & N Mskegen, City of & 6104 & 29 & 55,212 & 54,180 & 109,392 \\ & No, Mich, Comm, Mnt & 2403 & 20, 10 & 0 & 0 \\ & Northpict, Village o & 5502 & 20 & 0 & 0 & 0 \\ & Northvill, Village o & 8208 & 29, 27, 26, 22, 20 & 211,388 & 345,996 & 557,364 \\ & Northvill, City of & 8208 & 29, 27, 26, 22, 20 & 211,388 & 345,996 & 557,364 \\ & Northvill, Dirstrict & 8229 & 29 & 69,156 & 15,799 & 84,948 \\ & Northvill, IComm HA & 1502 & 20 & 69,152 & 44,148 & 113,280 \\ & Northwestern Reg Arp & 2805 & 29 & 80,568 & 24,636 & 106,204 \\ & Northwestern Reg Arp & 2805 & 29 & 80,568 & 24,636 & 105,204 \\ & Northwestern Reg Arp & 2805 & 29 & 577,620 & 556,044 & 1,133,664 \\ & Nortway, City of & 6320 & 29, 27 & 1,035,660 & 866,460 & 1,902,120 \\ & Norway, City of & 6320 & 29, 27 & 1,035,660 & 866,460 & 1,902,120 \\ & Norway, City of & 6320 & 29, 27, 10 & 346,776 & 88,655 & 435,432 \\ & Occanaf County & 6402 & 29, 10 & 737,196 & 168,156 & 905,552 \\ & Occanaf County & 6502 & 29, 27, 10 & 346,776 & 88,655 & 435,432 \\ & Ogermav County Rd Com & 6503 & 29 & 67,380 & 106,944 & 174,324 \\ & Oitwer Forwship & 7009 & 29 & 3,216 & 972 & 4,188 \\ & Ontomagon, Village o & 6603 & 29, 20,10 & 32,952 & 35,568 & 68,520 \\ & Ontomagon Cunty Rd Con & 6503 & 29 & 130,680 & 66,780 & 197,460 \\ & Ontomagon Cunty Rd Con & 6503 & 29 & 130,680 & 66,780 & 197,460 \\ & Ontomagon Cunty Rd Con & 6602 & 27 & 0 & 1,404 & 1,404 \\ & Ontomagon Cunty Rd Con & 6602 & 29 & 130,680 & 66,780 & 197,460 \\ & Ontomagon Cunty Rd Co & 6703 & 29 & 82,956 & 52,944 & 135,900 \\ & Ontomagon Cunty Rd Co & 6703 & 29 & 82,956 & 52,944 & 135,900 \\ & Ontomagon Cunty Rd Co & 6703 & 29 & 20,57,758 & 248,688 & 766,644 \\ & Ontomagon Cunty Rd Co & 6703 & 29 & 82,956 & 32,944 & 135,900 \\ & Otromagon Cunty Rd Co & 6703 & 29 & 63,544 & 43,54 & 249,507 \\ & Otrawa Co$						
No. Mich Comm Mul         2403         20, 10         0         0         0         0           Northfield Township         8117         29         40.824         7.944         48,768           Northport, Village o         4502         20         0         0         0         0           Northville District         8229         29         69,156         15,792         84,948           Northville Township         8230         29         492,324         244,356         736,680           Northwest Reg App         2805         29         492,324         244,456         736,680           Norton Shores, City         6106         29         577,620         556,044         1,33,664           Norine Behavioral         2007         29,20,10         272,484         (34,452)         238,032           Nrthrn Lakes Comm MH         2080         22,10         737,196         168,156         905,352           Oceala Township         4117         29         15,720         5,712         21,432           Ogemax County EMS Au         6508         29         52,656         12,144         64,800           Ogemax County EMS Au         6503         29         13,684         936 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Northport, Village o         4502         20         0         0         0         0           Northville, City of         8208         29, 27, 26, 22, 20         211,368         345, 996         557,364           Northville Township         8230         29         492,324         244,356         736,680           Northwest MR Comm HA         1502         20         69,132         44,148         113,3664           Norton Shores, City         6106         29         577,620         556,044         1,133,664           Nortox, City of         6320         29, 27         1,035,666         866,460         1092,124           Novi, City of         6320         29, 20, 10         272,484         (34,452)         238,032           Nrthur Lakes Comm MH         2808         22, 10         296,004         58,752         355,656           Oceana County         6502         29, 27, 10         346,776         88,656         435,432           Ogemaw County Rd Com         6503         29         52,656         12,144         64,800           Ogemaw County Rd Com         6603         29, 20, 10         32,15         98         19,800           Ontaway, City of         7105         29         18,864						
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Northfield Township	8117	29	40,824	7,944	48,768
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Northport, Village o					
Northville Township         8230         29         492,324         244,356         736,680           Northwestern Reg Arp         2805         29         80,568         24,636         105,204           Northwest MI Comm HA         1502         20         69,132         44,148         113,280           Norton Shores, City         6106         29         577,620         556,044         1,33,664           Novi, City of         6220         29, 27         1,035,660         866,460         1,902,120           Nebavioral         2207         29, 20, 10         737,196         168,156         905,352           Occeola Township         4717         29         15,720         5,712         21,443           Ogemaw County         6502         29, 27, 10         346,776         88,656         435,432           Ogemaw County EMS Au         6508         29         52,656         12,144         64,800           Ogemaw County EMS Au         6508         29         32,16         972         4,188           Ontagon, Village o         6603         29,20,10         32,952         35,568         68,520           Ontamagon, City of         7105         29         18,864         936         19,800 <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td>				,		
Northwest MI Comm HA         1502         20         69,132         44,148         113,280           Norton Shores, City         6106         29         577,620         556,044         1,133,664           Norton Shores, City         6106         29         577,620         556,044         1,902,120           Novi, City of         6320         29,27         1,035,660         866,460         1,902,120           N Pointe Behavioral         2207         29,20,10         272,484         (34,452)         238,032           Nrthm Lakes Comm MH         2808         22,10         296,904         58,752         355,656           Oceana County         6402         29,10         737,196         168,156         905,352           Ogemaw County Rd Com         6503         29         52,656         12,144         64,800           Ogemaw County Rd Com         6503         29         67,380         106,944         174,324           Olive Township         7105         29         18,864         936         19,800           Ontonagon, Village o         6603         27         0         1,404         1,404           Ontonagon County Rd         6604         29         186,036         352,440         538						
Northwest MI Comm'HA         1502         20         69,132         44,148         113,280           Norton Shores, City         6106         29         577,620         556,044         1,133,664           Norton, City of         2204         29         129,840         279,504         409,344           Nvi, City of         6320         29, 27         1,035,660         866,460         1,902,120           Nrhtn Lakes Comm MH         2808         22, 10         296,904         58,752         355,656           Oceana County         6402         29, 10         737,196         168,156         905,352           Oceola Township         4717         29         15,720         5,712         21,432           Ogemaw County EMS Au         6508         29         52,656         12,144         64,800           Ogemaw County EMS Au         6503         29         67,380         106,944         174,324           Onaway, City of         7105         29         18,864         936         19,800           Ontonagon County Rd         6602         29         130,680         66,780         197,460           Ontonagon County Con         6312         29,20         51,192         61,440         112,632 <td></td> <td></td> <td></td> <td>/</td> <td></td> <td></td>				/		
Notron Shores, City         6106         29         577,620         556,044         1,133,664           Norway, City of         2204         29         129,840         279,504         409,344           Novi, City of         6320         29,27         1,035,660         866,460         1,902,120           N Pointe Behavioral         2207         29,20,10         272,484         (34,452)         238,052           Ntrhn Lakes Comm MH         2808         22,10         737,196         168,156         905,352           Oceana County         6402         29,17,10         346,776         88,656         433,432           Ogemaw County RM County         6508         29         52,656         12,144         64,800           Ogemaw County Rd Com         6503         29         67,380         106,944         174,324           Olive Township         7009         29         3,216         972         4,188           Onavay, City of         7105         29         18,864         936         19,800           Ontonagon County Rd         6602         29         130,808         66,780         197,460           Ontonagon County Rd         6601         29         344,376         135,007         449,44						
Norway, City of220429129.840279.504409.344Novi, City of632029, 271,035,660866,4601,902,120N Poine Behavioral220729, 20,10272,484 $(34,452)$ 238,032Nrthm Lakes Comm MH280822,10296,90458,752355,656Oceana County640229,10737,196168,156905,352Oceola Township47172915,7205,71221,432Ogemaw CountyCounty EMS Au65082952,65612,14464,800Ogemaw County EMS Au65032967,380106,944174,324Olive Township7009293,2169724,188Onaway, City of71052918,86493619,800Ontonagon Cuty Econ660329, 20,1032,95235,56868,520Ontonagon Cuty Rd660229130,68066,780197,460Ontonagon Cuty Rd660429186,036352,440538,476Ontonagon Memorial H66012931,4376135,072449,448Orchard Lake, City o631229, 2051,19261,440112,632Oscola County67032982,95652,944135,900Oscola County67032982,95652,944135,900Oscola County68012917,14083,436210,576Otiswille, Village o250629, 2712,1083,80415,912 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Novi, Ĉity of         6320         29, 27         1.035,660         866,460         1.902,120           N Pointe Behavioral         2207         29, 20, 10         272,484         (34,452)         238,032           Nrhm Lakes Comm MH         2808         22, 10         296,904         58,752         355,656           Oceana County         6402         29, 10         737,196         168,156         905,352           Oceana County         6502         29, 27, 10         346,776         88,656         435,432           Ogemaw County EMS Au         6508         29         52,656         12,144         64,800           Ogemaw County RICom         6603         29         67,380         106,944         174,324           Ontonagon, Vilage o         6605         27         0         1,404         1,404           Ontonagon Cuty Rd         6604         29         130,680         66,780         197,460           Ontonagon County Rd         6601         29         314,376         135,072         449,448           Orchard Lake, City o         6312         29,20         51,192         61,440         112,632           Oscola County Rd         6601         29         325,035         25,844         <						
N Poine Behavioral         2207         29, 20, 10         272,484         (34,452)         238,032           Nrthm Lakes Comm MH         2808         22, 10         737,196         168,156         905,352           Oceana County         6402         29, 10         737,196         168,156         905,352           Ogemaw County EMS Au         6502         29, 27, 10         346,776         88,656         433,432           Ogemaw County EMS Au         6508         29         52,656         12,144         64,800           Ogemaw County EMS Au         6508         29         52,656         12,144         64,800           Ogemaw County KI Com         6503         29         67,380         106,944         174,324           Olive Township         7009         29         3,216         972         4,188           Onaway, City of         7105         29         18,864         936         19,800           Ontonagon Cuty Econ         6602         27         0         1,404         1,404           Ontonagon County Rd         6604         29         186,036         352,440         538,476           Ontonagon County Rd         6601         29         314,376         135,072         449,448 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Nrthm Lakes Comm MH         2808         22, 10         296,904         58,752         355,656           Oceana County         6402         29, 10         737,196         168,156         905,352           Oceola Township         4717         29         15,720         5,712         21,432           Ogemaw County EMS Au         6502         29, 27, 10         346,776         88,656         435,432           Ogemaw County RI Com         6503         29         67,380         106,944         174,324           Olive Township         7009         29         3,216         972         4,188           Onaway, City of         7105         29         18,864         936         19,800           Ontonagon Village o         6603         27         0         1,404         1,404           Ontonagon County Rd         6604         29         136,636         352,440         538,476           Ontonagon County Rd         6601         29         314,376         135,072         449,448           Orchard Lake, City o         6312         29,20         51,192         61,440         112,632           Osceola County Rd         6601         29         325,032         65,880         390,912	•					
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Ogemaw County650229, 27, 10 $346,776$ $88,656$ $435,432$ Ogemaw County EMS Au650829 $52,656$ $12,144$ $64,800$ Ogemaw County Rd Com650329 $67,380$ $106,944$ $174,324$ Olive Township700929 $3,216$ $972$ $4,188$ Onaway, City of7110529 $18,864$ $936$ $19,800$ Ontonagon, Village o $6603$ 29, 20, 10 $32,952$ $35,568$ $68,520$ Ontonagon County Rd $6602$ 29 $130,680$ $66,780$ $197,460$ Ontonagon County Rd $6601$ 29 $314,376$ $135,072$ $449,448$ Ontonagon County Rd $6601$ 29 $314,376$ $135,072$ $449,448$ Orthoragon Memorial H $6601$ 29 $325,032$ $65,880$ $390,912$ Osceola County $6701$ 29 $325,032$ $65,880$ $390,912$ Osceola County Rd Co $6703$ 29 $82,956$ $52,944$ $135,900$ Oscoda Charter Towns $3503$ 29,10 $55,128$ 29,184 $84,312$ Otseogo County Rd Com $6902$ 29,20 $517,756$ $248,688$ $766,644$ Otseogo County Rd Com $6902$ 29,20 $517,856$ $248,688$ $766,644$ Otseogo County Rd Com $6902$ 29,20 $517,756$ $248,688$ $766,644$ Otseogo County Rd Com $6902$ 29 $52,432$ $377,508$ $929,940$ Ottawa County Chrl $7003$ 29,10 $30$						
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Olive Township         7009         29         3,216         972         4,188           Onaway, City of         7105         29         18,864         936         19,800           Ontonagon Killage o         6603         29,20,10         32,952         35,558         68,520           Ontonagon Cnty Econ         6605         27         0         1,404         1,404           Ontonagon County Rd         6604         29         130,680         66,780         197,460           Ontonagon Memorial H         6601         29         314,376         135,072         449,448           Orchard Lake, City o         6312         29, 20         51,192         61,440         112,632           Osceola County Md Co         6701         29         82,956         52,944         135,900           Osceola County Md Co         6703         29         82,956         24,848         210,576           Otisville, Village o         2506         29,27         12,108         3,804         15,912           Oscoda County         6801         29         137,556         248,688         766,644           Otsego County Md Com         6902         29, 20         517,956         248,688         766,644 <td>Ogemaw County EMS Au</td> <td>6508</td> <td>29</td> <td>52,656</td> <td></td> <td>64,800</td>	Ogemaw County EMS Au	6508	29	52,656		64,800
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Pentwater, Village o 6401 29 22,620 9,192 31,812						
	Pentwater, Village o	6401	29	22,620	9,192	31,812

Amortization         Normal Resolution         Normal Cost         Amortization         Completen Examplet           Municipality Name         Number         Recolds)         Cost         Cost         Contribution           Petration, Village o         2909         29         37.322         Tyle         4,440           Petration, Village of         3407         29         10.164         2.388         12.552           Person, Village of         3203         29         1.916         2.866         6.572           Person, Village of         4706         29,20         23.304         14.544         4.6548           Pinkeney, Village of         4706         29,20,10         22.320         111.268         33.558           Pinkeney, Village of         6301         29,20,10         48.2608         477.000         552.108           Pymouth District Li         8221         29,10         0.48.2608         427.700         552.08           Pymouth Township         8238         29         6.612         1.740         8.552           Pymouth Township         8238         29         1.55208         72.55         26.448           Port Homo, City of         7702         29.10         1.55948         12.522		MERS 12/31/2	2006 Valuation - <b>F</b>	Results by Municip	pality	
Numicolity. Name         Parinds.)         Cost         Payment         Confribution           Perinton, Village of         2009         29         37,32         708         4.440           Perinton, Village of         2407         29         370,02         153,072         253,992           Pervanon, Village of         3203         29         11,916         10,596         22,512           Pinconning, City of         940         29,10         22,304         14,544         465,840           Pinconning, City of         9810         29,20         48,204         64,224         11,264         35,588           Pitsfield Charter T         8110         29,20         48,204         64,224         11,264         456,840           Pymouth Divistei Li         8212         29,10         8,508         29,700         52,008           Pymouth Divistei Li         8213         29,10         8,508         29,700         52,008           Pymouth Divistei Li         8213         29,10         16,559,28         29,2664         47,700           Port Huron, Chiy of         7702         29,10         15,548         12,929         22,667         18,657,08           Port Huron, Chiy of         7701         29,10 <th></th> <th></th> <th>Amortization</th> <th>Normal</th> <th>Amortization</th> <th>Total Employer</th>			Amortization	Normal	Amortization	Total Employer
Perminu, Village o         2909         29         3,732         708         4,440           Petersburg, City of         2402         29         370,920         153,072         523,992           Petersburg, City of         3407         29         4,260         2,484         6,744           Preachew, Village of         3203         29         11,916         10,396         6,744           Preachew, Village of         4706         29, 20         32,304         14,544         46,848           Pinckney, Village of         904         29, 10         225,320         11,264         35,584           Pinsouth, City of         8002         29, 20, 10         48,148         47,000         525,108           Pinnouth, District Li         8221         29, 10         33,768         221,712         585,480           Pinnouth, Ovaship         8232         29, 15, 10         33,768         221,712         585,480           Port Austin, Area Swr         3210         2, 10         0         0         0         0           Port Austin, Area Swr         3210         2, 10         43,056         22,664         74,762           Port Austin, Area Swr         3210         2, 165,928         97,2352 <t< th=""><th>Municipality Name</th><th>Number</th><th></th><th></th><th></th><th></th></t<>	Municipality Name	Number				
Petersburg, Ciry of         5807         29         10.164         2.388         12.552           Petoxkey, Ciry of         2402         29         370,920         153,072         523,992           Pewann, Village of         3007         29         4.260         2,484         6,744           Pincenving, Ciry of         904         29,10         22,320         11,268         33558           Pintsfield Charter T         8110         29,20         48,240         64,224         112,464           Plymouth District Li         8221         29,10         82,008         (29,700)         52,098           Plymouth District Li         8221         29,10         82,008         (29,700)         52,098           Plymouth District Li         8221         29,10         165,5928         72,552         2,63,849           Port Huron, Charter T         7711         29         45,060         29,064         74,760           Port Huron Charter T         7711         29         45,040         12,062         271,652           Port Huron Charter T         7711         29         6,244         20,042         74,760           Port Huron Charter T         7711         29         72,14         13,844			29	3.732	708	4.440
Paceskey, Čitý of         2402         29         370,920         153,072         553,952           Pexarno, Village of         3003         29         11,916         10,956         22,512           Pinckney, Village of         4706         29, 20         32,314         14,544         46,6348           Pinckney, Village of         910         22,320         11,264         45,6540           Pittisfield Charter T         8110         29,20         48,240         64,224         112,464           Pymouth District Li         8221         29,10         48,048         477,000         525,108           Pymouth District Li         8221         29,10         33,768         231,712         585,480           Port Ausin Aca St         3308         29         6,612         1,740         8,55           Port Ausin Aca St         3308         29         1,652         29,252         2,224,400           Port Ausin Aca St         3300         29         1,645         29,252         2,224,400           Port Ausin Aca St         3300         29         1,848         112,692         27,1632           Port Ausin Aca St         7,11         29         45,096         29,265         130,632         56,076						
Pewano, Village of         3407         29         4,260         2,444         6,7744           Pigeon, Village of         3203         29         11,916         10.0596         22,512           Pinckney, Village of         9406         29, 20         32,304         11,268         33,588           Pittsfield Charter T         8110         29, 20, 10         265,476         191,364         456,840           Plessant Ridge, City         6301         29, 20, 13, 10         82,608         (29,700)         52,908           Plymouth District L         8212         29, 10         8,2608         (29,700)         52,908           Port Austin, Village         5200         29         6,612         1,740         8,352           Port Austin, Village         7403         29         6,612         1,740         8,357           Port Huton, Charter T         7711         29         45,096         29,664         74,760           Port Huton, Charter T         7711         29         13,323         160,829         29,163         142,492         21,633           Port Huton, Charter T         7711         29         6,304         2,046         8,264           Portalaustin, Vilage         7403         29						
Pigeon, Village of         3203         29         11,916         10.966         22,512           Pinckney, Village of         4706         29, 10         22,320         11,268         33,588           Pitisfield Charter T         8110         29, 20, 10         26,5476         191,364         456,840           Plesant Ridge, City         6301         29, 20         48,240         64,124         112,464           Plymouth, District Li         8221         29, 10         84,108         477,000         52,008           Plymouth, Township         8238         29, 0, 15,10         33,768         251,712         853,480           Port Ausin, Area Swr         3210         22, 10         0         0         0         0           Port Haron, Charter T         7711         29         45,096         29,664         74,760           Port Maron, Charter T         7101         29, 10         15,840         12,692         21,633.440           Presque Isle Couty Rd         7101         29, 62         13,062         50,076         184,440           Presque Isle Couty Rd         7101         29         6,204         2,064         8,268           Reading, City of         3003         29         730,668 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Pincentify, Civ of         904         29, 10         22,320         11,288         33,588           Plistield Charter T         8110         29, 20, 10         48,249         142,464         124,464           Plymouth, District Li         8221         29, 10         82,608         (29,700)         52,908           Plymouth District Li         8221         29, 10         84,108         (27,700)         52,908           Port Austin Area Sor         3208         29, 10         16,55,928         972,552         2,638,480           Port Huron, Charter T         7710         29, 10         1,655,928         972,552         2,638,480           Port Huron, Charter T         7711         29         4,5096         29,664         74,760           Port Huron Charter T         7710         29, 10         18,844         102,756         184,440           Presque Isle Conty Rd         7101         29, 26         130,632         50,766         186,708           Presque Isle Conty Rd         7101         29         6,204         2,064         8,268           Presque Isle Conty Rd         7101         29         6,204         2,064         8,268           Presque Isle Conty Rd         6010         29         7,212			29			
Pittsfield Čharár T.         8110         29, 20, 10         265,476         191,364         456,840           Plessant Rúlge, City         6301         29, 20, 10         48,108         477,000         552,108           Plymouth Districi Li         8212         29, 10         82,608         (29,700)         52,018           Plymouth Districi Li         8231         29, 20, 15, 10         333,768         251,712         S85,480           Port Austin, Village         3208         29         6,612         1,743         8,352           Port Austin, Village         7702         29, 10         1,655,28         972,552         2,628,480           Port Huron, Charter T         7711         29         45,096         29,664         74,760           Portalad, City of         7403         29         13,812         15,948         35,760           Presque Isle County         7104         29, 26         130,632         50,076         186,708           Rediford Try of         3003         29         7,212         1,284         8,966           Reading, City of         3030         29         7,212         1,284         8,966           Reading, City of         3030         29         7,212         1,284<			29, 20	32,304	14,544	46,848
Pleasant Ridge, City         6301         29, 20         48,240         64,224         112,464           Plymouth, Distric Li         8221         29, 10         82,608         (29,700)         52,008           Plymouth, Towship         8238         29, 01,01         83,3768         251,712         585,840           Port Ausin, Area Swr         3210         22, 10         0         0         0           Port Huron, Charet T         7711         29         45,096         29,6612         1,740         8,552           Port Huron, Charet T         7711         29         45,096         29,664         74,760           Port Muron, Charet T         7711         29         150,483         12,5766         184,440           Presque Isle Conny Ad         7101         29,10         158,940         112,692         271,632           Presque Isle Conny Ad         7101         29,26         130,632         56,076         186,708           Presque Isle Conny Ad         611         29         6,204         2,064         8,268           Readma, City of         603         29         730,668         367,560         16,098,228           Readford Twp Dist Lin         8228         29         59,040						
Plymouth, City of         8202         29, 20, 10         48,108         477,000         525,108           Plymouth Divenship         8238         29, 10         82,608         (29,700)         52,908           Port Austin, Village         320         29         6.612         1,740         8,352           Port Austin, Village         320         29         6.612         1,740         8,352           Port Hunon, Charter T         7711         29         45,096         29,664         74,760           Port Hunon, Charter T         7711         29         45,096         29,664         74,760           Presque Isle Cuty of         401         29,10         18,8940         112,692         271,632           Port Gamilae, Villag         7101         29,10         81,684         102,756         184,440           Presque Isle Cuty Rd         7101         29,26         130,652         56,076         186,708           Ructing, City of         3003         29         7,212         1,284         8,496           Reading, City of         6702         29         130,668         307,560         1,698,228           Readird Township         7310         29         43,824         55,116         98,4						
Pýmouth Dvisrice Li         8221         29, 10         82,608         (29,700)         52,908           Port Austin, Village         3208         29, 01, 51,10         333,768         251,712         585,480           Port Austin, Area Swr         3210         22, 10         0         0         0         0           Port Huron, City of         7702         29, 10         1,655,928         972,552         2,628,480           Port Huron, Charte T         7711         29         45,096         29,664         74,760           Port Sanilae, Villag         7403         29         19,812         15,948         35,760           Presque Isle Cony Rd         7101         29, 26         130,632         56,076         186,708           Presque Isle Cony Rd         7101         29, 26         130,632         56,076         186,708           PRIDE Vouth Programs         6210         29         730,668         367,500         1,098,228           Readford Township         8003         29         7212         1,284         8,496           Readford Township         7310         29         21,160         59,412         190,572           Richfield Township(G         2514         29         26,400						
Pýmouth Township         8238         29, 20, 15, 10         333,768         251,712         S85,480           Port Austin, Arca Swr         3210         22, 10         0         0         0         0           Port Huon, Chavier, Tiy of         7702         29, 10         1,655,928         972,552         2,628,480           Port Huon, Chavier, T         7711         29         45,096         29,664         74,760           Portausti, Vijo f         7403         29,10         18,8940         112,692         271,632           Portsquiciski, Conny M         7104         29, 26         130,632         56,076         186,708           Presquiciski, Conny M         7104         29, 26         130,632         56,076         186,708           Readmay, City of         3003         29         7,121         1,284         8,396           Reading, City of         6702         29         131,160         59,441         190,972           Richidd Township         8209         29         730,668         367,560         1,499,8228           Read City, City of         6702         29         131,160         59,441         190,972           Richidal Township         7310         29         43,824						
Port Austin, Village         3208         29         6.612         1.740         8.352           Port Austin, Area Swr         3210         22, 10         0         0         0           Port Huron, City of         7702         29, 10         1.655, 928         972,552         2,628,480           Port Huron Charter T         7711         29         15,8940         112,692         271,632           Port Sanilac, Villag         7403         29         19,812         15,494         35,760           Presque Isle County         7104         29, 26         13,0632         56,076         186,440           Presque Isle County         7104         29, 26         13,024         4,788         18,012           Ravenna, Village of         6111         29         6,204         2,064         8,268           Reading, City of         3003         29         7,212         1,284         8,496           Reading, City of         6702         29         13,1160         59,412         190,572           Reiford Twp Rist Lis         8228         29         59,040         50,354         76,764           Richfield TwpRoscom         7202         29,20,16         53,155         279,696						
Port Auscin Area Šwr         3210         22, 10         0         0         0         0           Port Huron Charter T         7711         29, 10         1.655,928         972,552         .626,84           Port Huron Charter T         7711         29         45,096         92,664         74,760           Port Sanilac, Villag         7403         29         19,812         15,948         35,760           Presque Isk County         7104         29, 26         130,652         56,076         186,708           PRUDE Youth Programs         6210         29         13,224         4,788         18,012           Reading, City of         3003         29         7,212         1,284         8,496           Readford Twp Dist Lib         8228         29         59,040         6,924         65,964           Reed City, City of         6702         29         131,160         59,412         190,572           Richfield TwpRoscom         7202         29         29,016         34,155         63,168           Richfield TwpRoscom         7202         29         29,016         34,155         79,696           Rockroot, City of         5005         29,10         107,328         33,804         14						
Port Huron, City of         7702         29, 10         1.655.928         972.552         2.628,480           Port Huron, City of         3401         29, 10         188,940         112.692         271.632           Port Saniac, Villag         7403         29, 10         18.844         102.756         184.440           Presque Isle Caury Rd         7101         29, 10         18.1634         102.756         186.708           Presque Isle County         7101         29, 26         130.632         56.076         186.708           Ravema, Village of         6111         29         6.204         2.064         8.268           Reading, City of         3003         29         7.212         1.284         8.496           Reading, City of         6702         29         131.160         59.412         190.572           Reichford Township         7310         29         24.384         55.116         98.940           Rockront, City of         6307         29         201.540         57.560         1.098.228           Rockront, City of         510         29.10         87.855         27.700         180.552           Rockront, City of         510         29.10         87.855         27.9.66						
Port Huron Charner T         7711         29         45,096         29,664         74,760           Portland, City of         3401         29,10         15,8440         112,692         271,632           Portsque Isle Couty Rd         7101         29,10         81,684         102,756         184,440           Presque Isle County         7104         29,26         130,632         56,076         186,708           Ravenna, Villag of         6111         29         6,204         2,064         8,268           Readford Township         8209         29         73,066         367,500         1,098,228           Redford TownshipG         8209         29         73,016         59,412         190,572           Richfield TownshipG         7102         29         131,160         59,412         190,572           Richfield TownshipG         7310         29         43,824         55,116         98,940           Rochester, City of         6307         29         20,1540         78,156         279,966           Rockwood, City of         7102         29,10         47,576         64,356         21,932           Rockwood, City of         7102         29,10         383,640         141,132         80,6						
$ \begin{array}{llllllllllllllllllllllllllllllllllll$						
Port Samilac, Villag         7403         29         19,812         15,948         35,760           Presque Isle County         7101         29,10         81,684         102,756         184,440           Presque Isle County         7104         29,26         130,632         56,076         186,708           PRIDE Youth Programs         6210         29         13,224         4,788         18,012           Ravena, Village of         6111         29         6,204         2,064         8,268           Readford Twonship         8209         29         73,056         367,550         1098,228           Redford Twonship         6702         29         131,160         59,412         190,572           Richfield TwonshipG         212         29         26,400         50,364         76,764           Richfield Twonship         7310         29         43,824         55,116         98,940           Rockford, City of         6307         29         201,540         78,156         279,696           Rockford, City of         5810         29,10         62,964         (5,304)         57,660           Rogers City, City of         5005         29,10         107,328         33,804         141,132						
Presque Isle Cuty Rd         7101         29, 10         81,684         102,756         184,440           Presque Isle County         7104         29, 26         130,633         56,076         186,708           PRIDE Youth Programs         6210         29         13,224         4,788         18,012           Ravenina, Village of         6111         29         6,204         2,064         8,268           Reading City of         3003         29         7,212         1,284         8,496           Redford Township         8209         29         730,668         367,560         1,098,228           Redford Township(         6702         29         131,160         59,441         190,572           Richried Township(         7310         29         24,824         55,116         98,940           Rochard, City of         6307         29         201,540         78,156         279,696           Rockkroad, City of         5810         29,10         62,964         (5,304)         57,666           Rockwoad, City of         7102         29,10         87,852         92,700         180,552           Romew, Village of         5005         22, 20         52,164         48,936         101,100						
Presque Isle County         7104         29, 26         130,632         56,076         186,708           PRIDE Youth Programs         6210         29         13,224         4,788         18,012           Ravenna, Village of         6111         29         6,204         2,064         8,268           Readford Township         8209         29         730,668         367,560         1,098,228           Reed City, City of         6702         29         131,160         59,412         190,572           Richfield Township(G         2514         29         26,400         50,364         76,764           Richfield Township(G         2514         29         26,400         50,364         76,764           Richfield Township(G         2514         29         26,400         78,156         29,969           Rockrowd, City of         6307         29         201,540         78,156         29,969           Rockrowd, City of         5110         29,10         62,964         (5,304)         57,660           Rogers City, City of         5100         29,10         87,852         29,700         180,552           Romeo District Libra         5006         22, 0         52,164         48,936         101,10						
PRIDE Youth Programs         6210         29         13.224         4.788         18.012           Ravenna, Village of         6111         29         6.204         2.064         8.268           Reading, City of         3003         29         7.212         1.284         8.496           Rediford Township         8209         29         730,668         367,560         1.098,228           Rediford Township         6202         29         131,160         59,412         190,572           Richfield Township         6702         29         29,016         34,152         63,168           Richfield TworRoscom         7202         29         201,540         78,156         279,696           Rochester, City of         6307         29         147,576         64,355         211,932           Rockord, City of         7102         29,10         87,852         92,700         180,552           Romeo, Village of         5005         29,10         107,328         33,804         141,132           Romeo, Village of         5006         22,20         52,164         48,935         101,100           Romeo, Village of         6307         29,10         383,640         114,132         497,772 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Ravema, Village of611296.2042.0648.268Reading, City of3003297.2121.2848.496Rediord Township820929730,668367,5601.098,228Rediord Twp Dist Lib82282959,0406.92465,964Reed City, City of670229131,16059,412190,572Richfield Township73102943,82455,11698,940Rochrong, City of63072929,16434,15263,168Richland Township73102943,82455,11698,940Rockrod, City of630729201,54078,156279,696Rockrod, City of581029,1062,964(5,304)57,660Rogers City, City of581029,10107,32833,804141,132Romeo, Village of500529,10107,32833,804141,132Romou District Libra500622,2052,16448,936101,100Roscommon County720129,1033,640114,132497,772Roscommon County Tra72052958,74018,09676,836Rose Tity, City of650629,101,476(1,476)0Rose Township630629,26,41,1032,268(32,268)0Rose Township630629,26,41,1032,268(32,268)0Rose Township630629,2035,17245,334849,3152Saginaw Chuy Go						
Redford Township         8209         29         730.668         367.560         1.098.228           Redford Twp Dist Lib         8228         29         59.040         6.924         65.964           Reed City, City of         6702         29         131.160         59.412         190.572           Richfield Township(G         2514         29         29.016         34.152         63.168           Richfield Township         7310         29         43.824         55.116         98.940           Rockester, City of         6307         29         201.540         78.156         279.696           Rocktowod, City of         7102         29.10         87.852         92.700         180.552           Romeo, Village of         5005         29.10         107.328         33.804         141.132           Romeo District Libra         5006         22.20         52.164         48.935         101.100           Romutos, City of         7205         29.94         39.964         31.200         121.164           Roscommon County Tra         7205         29         58.740         18.806         76.836           Rosce Township         6306         29.10         1.476         (1.476)         0						
Redford Twp Disi Lib82282959,040 $6,924$ $65,964$ Reed City, City of670229131,16059,412190,572Richfield TownshipG25142926,40050,36476,764Richfield Township73102943,82455,11698,940Rochester, City of630729201,54078,156279,696Rockford, City of410329147,57664,356211,932Rockwood, City of581029,1062,964(5,304)57,660Rogers City, City of710229,10107,32833,804141,132Romeo, Village of500622,2052,16448,936101,100Romulus, City of822529,2439,864961,9681,361,832Rooscevit Park, City61072989,96431,200121,164Roscommon County720129,10383,640114,132497,772Roscommon County Tra72052958,74018,09676,836Rose City, City of650629,104,164(4,164)0Roya Cak Township650629,101,476(1,476)0Roya County Tra730120568,4644,363,4884,931,952Saginaw City of730120568,4644,363,4884,931,952Saginaw County Tra730327,22,20,101,106,2442,081,1243,187,368Saginaw County MH731829,27,0036,30475,536 <td>Reading, City of</td> <td>3003</td> <td>29</td> <td>7,212</td> <td>1,284</td> <td>8,496</td>	Reading, City of	3003	29	7,212	1,284	8,496
Reed City, Čity of         6702         29         131,160         59,412         190,572           Richfield TwyRkoscom         7202         29         29,016         34,152         63,168           Richfield TwyRkoscom         7310         29         43,824         55,116         98,940           Rochester, City of         6307         29         201,540         78,156         279,696           Rockkord, City of         4103         29         147,576         64,356         211,932           Rockwood, City of         7102         29,10         87,852         92,700         180,552           Romeo, Village of         5005         29,10         107,328         33,804         141,132           Romeo District Libra         5006         22,2         52,164         48,936         101,100           Rosmunus, City of         7201         29,10         38,640         114,132         497,772           Roscommon County         7201         29,10         4,164         (4,164)         0           Rose City, City of         6506         29,10         4,164         (4,164)         0           Rose City, City of         7301         20         58,740         18,096         76,836 <td>Redford Township</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Redford Township					
Richfield Township         2514         29         26,400         50.364         76,764           Richfield Township         7202         29         29,016         34,152         63,168           Richfield Township         7310         29         43,824         55,116         98,940           Rochester, City of         6307         29         201,540         78,156         279,696           Rockford, City of         4103         29         147,576         64,356         211,932           Rockwood, City of         5005         29,10         62,964         (5,304)         57,660           Rogers City, City of         7102         29,10         87,852         92,700         180,552           Romeo, Vilage of         5006         22, 20         52,164         48,936         101,100           Rommon County         7201         29,10         38,640         114,132         497,772           Roscommon County Tra         7205         29         58,740         18,096         76,836           Rose City, City of         6506         29,10         4,164         (4,164)         0           Rosa Conton County Tra         7301         20         568,464         4,363,488         4,931,952						
Richfield Twp(Roscom72022929,01634,15263,168Richland Township73102943,82455,11698,940Rochester, City of630729201,54078,156279,696Rockford, City of410329147,57664,356211,932Rockwood, City of581029,1062,964(5,304)57,660Rogers City, City of710229,1087,85292,700180,552Romeo, Village of500622,2052,16448,936101,100Roscumon County822529,2439,864961,9681,361,832Roscommon County720129,10383,640114,132497,772Roscommon County Tra72052988,96431,200121,164Rose City, City of650429,104,164(4,164)0Rose City, City of630629,26,24,1032,268(32,268)0Rose City, City of730120568,4644,363,4884,931,952Saginaw Cuty Corm MH731829,27,22130,96892,316223,284Saginaw County730327,22,20,101,106,2442,081,1243,187,368Saginaw County R1Co730429,1035,97245,38480,556Saginaw County R1Co730429,1035,97245,38480,556Saginaw County R1Co730429,1035,940(25,932)13,008Saginaw County R1Co730529,2035,172 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Richland Township73102943.82455.11698.940Rochester, City of630729201.54078.156279.696Rockford, City of410329147.57664.356211.932Rockwood, City of581029.1062.964(5.304)57.660Rogers City, City of710229.1087.85292.700180.552Romeo, Village of500529.10107.32833.804141.132Romeo District Libra500622.2052.16448.936101.100Roscumon County72012989.96431.200121.164Roscommon County Tra72052958.74018.09676.836Rose City, City of650629.101.476(1.476)0Rose City, City of650629.101.476(1.476)0Rose Township630629.2, 2.2130.96892.316223.284Saginaw, City of73012056.86444.363.4884.931.952Saginaw Cuty Comm MH731829.27, 22130.96892.316223.284Saginaw County730327, 22, 20.101.106.2442.081.1243.187.368Saginaw County MC731429107.052156.108263.160Saginaw Hubing Comm731229.2035.17245.38480.556Saginaw Toty Of731429107.052156.108263.160Saginaw Toty of731429107.052156.108						
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Saginaw Twp Police D $7314$ $29$ $107,052$ $156,108$ $263,160$ Saline, City of $8105$ $29,10$ $379,548$ $249,276$ $628,824$ Sandusky, City of $7402$ $29$ $53,412$ $95,580$ $148,992$ Sandusky District Li $7404$ $29$ $3,840$ $732$ $4,572$ Saranac Housing Comm $3413$ $29$ $5,964$ $6,672$ $12,636$ Saugatuck, City of $307$ $27$ $9,888$ $3,456$ $13,344$ Saugatuck Township $305$ $29$ $26,700$ $17,820$ $44,520$ Sault Ste. Marie, Ci $1701$ $29,27,10$ $137,604$ $29,088$ $166,692$ Sault Ste. Marie Hou $4906$ $29$ $23,172$ $1,788$ $24,960$ Schoolcraft County $7503$ $29,10$ $424,728$ $212,544$ $637,272$						
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Sault Ste. Marie Hou49062923,1721,78824,960Schoolcraft County750329, 10424,728212,544637,272						44,520
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Schoolcraft County R 7501 29 134,868 200,508 335,376						
	Schoolcraft County R	7501	29	134,868	200,508	335,376

Amortization         Normaly Particulation         Normaly Particulation         Amortization         Contribution Equiposer           Municipality Name         Number         Particulation         Contribution         31.444           Scio Toronshio         81.16         29         10.236         4.4.16         14.652           Scio Toronshio         81.16         29         10.236         4.4.161         11.230         31.824           Schoolerafity Village of         20.30         29         45.235         66.6984         11.225           Schoolerafity Village of         3704         29.10         7.968         (7.968)         0.0           Shinawasee Council o         7002         29.20.10         14.900.256         1.322.580         2.812.836           Shinawasee Councy M         7601         29.10         110.280         2.11.428         2.812.836           Shinawasee Councy Kall         7601         29.10         41.6700         4.6137         0.0           Simawasee Councy Kall         7601         29.10         4.61760         4.608         0.0           Simawasee District         7666         29.10         4.61760         0.0         3.0         2.17.22         1.94.84         3.14.44         3.13.49		MERS 12/31/2	006 Valuation - R	Results by Municip	pality	
Municipality Name         Number         Period(s)         Cost         Payment         Confribution           Schoolernt Memorial         7805         24, 22, 20, 10         130,140         183,324         134,664           Sci Torownshio         1905         29, 10         436,64         (11,820)         31,824           Sci Dokland Co Narce         6300         29, 20         144,240         129,228         243,468           Sci Dokland Co Narce         6309         29, 20         114,240         129,228         243,468           Shiawassee Council         7005         29         4,812         4,335         9,648           Shiawassee County CM         7000         29,10         1,206,722         (20,844)         24,528           Shiawassee County CM         7001         29,10         146,818         (4,008)         0           Shiawassee County CM         7006         29,10         4,058         (4,016,90)         0           Shiawassee County CM         7001         29,10         24,056,01         (15,504)         5,365,388           South Haven, Euriy of         6313         29,10         24,056,01         (15,504)         5,366,388           South Haven, Euriy of         6313         29,10			Amortization	Normal	Amortization	Total Employer
Schoolardt Memorial         7505         24,22,20,10         130,140         183,343         313,444           Scin Townshon         8116         29         10         43,644         (11,820)         31,824           Schwaing, Village o         3205         29         10         43,644         (11,820)         31,824           Ste Oakland Co Rose         6310         29         55,836         183,76         74,112           Ste Oakland Co Nater         6300         29, 20         114,240         129,228         243,468           Shephort, Village of         7004         29, 10         7,968         (7,968)         0.648           Shiawassec County CM         7002         29, 20, 10         1,490,256         1,322,890         2,812,836           Shiawassec County CM         7001         29, 10         216,026         1,4128         7,452           Shiawassec County CM         7006         29         4,073,152         1,220,216         5,365,538           Southeast MI Council         8210         29         10         25,528         (18,304)         50,314           South Haven, City of         8015         29         23,202         13,234         41,414           South Haven, City of	Municipality Name	Number				
Scin Torwashio         8116         29         10,236         4,416         14,652           S Clinon C, Mu Ui         1005         29, 10         45,654         (11,820)         31,824           Sebewang, Village of         3205         29         45,532         66,984         112,236           SE Oakland Co Resrc         6309         29, 20         114,240         129,228         243,468           Shebperd, Village of         7005         29         4,812         4,835         9,648           Shiawasse County CM         7000         29,10         1,40,235         1,322,580         2,812,836           Shiawasse County Rd         7001         29,10         1,60,28         2,11,428         321,708           Shiawasse County Rd         7001         29,10         4,608         (4,609)         0           Shiawasse County Rd         7001         29,10         4,608         (4,604)         0           Shiawasse County Rd         7001         29,10         4,1628         7,352         1,336         4,142           South Raven Enver Ser         8001         29,10         4,152         1,336         4,142           South Raven Enver Ser         8001         29,10         4,152         1	• •		24 22 20 10		-	313 464
S Chinon Co Mun Uti         1905         29, 10         43,644         (11,820)         31,824           Sebewaing, Village o         3205         29         45,835         18,776         74,112           SE Oakland Co Resc         6310         29         55,836         18,776         74,112           Stephend, Village of         3704         29, 10         7,968         (7,968)         0           Shiawasse County         7602         29, 20, 10         1,490,256         1,322,880         2,812,836           Shiawasse County CM         7601         29, 10         1,60,266         (2,0844)         2,852,928           Shiawasse County CM         7606         29         6,024         1,423         321,708           Simawssen District         7606         29, 10         4,656         (4,608)         0           Simawssen County CM         606         29         6,024         1,424         7,452           South Haven Enet Ser         8005         29         23,088         21,336         44,424           Sparingfield, City of         1303         29,10         126,144         45,852         171,996           Springfield, City of         1303         29,10         126,144         45,852						
Sebewain, Village o         3205         29         45,252         66,944         112,236           SE Okalad Co Resrc         6310         29         55,836         18,276         74,112           SE Okalad Co Resrc         6309         29, 20         114,240         129,228         234,468           Shipherd, Village of         77605         29         4,812         4,886         9,6648           Shiawassee County         7600         29,10         1,400,256         1,322,580         2,812,836           Shiawassee County Rd         7606         29,10         4,608         (4,608)         0           Shiawassee County Rd         7606         29,10         4,608         (4,616,760)         0           Southeast RI Council         8216         29         4,075,152         1,290,216         5,365,368           South Faven, City of         8001         29,20,10         235,620         (185,760)         0           South Faven, Eury of         8001         29,10         4,6760         (1415,760)         0           South Faven, Eury of         8001         29,10         23,628         93,720         317,148           Sparta, Village of         7106         29,10         4,812         414,744						
SE Oakland Co Resrc         6310         29         55,836         112,75         74,112           SE Oakland Co Water         6300         29, 01         1,3420         129,228         23,468           Shepherd, Village of         7704         29, 10         7,968         (7,968)         0           Shiawnssec Counci D         7605         29         4,812         4,836         9,248           Shiawnssec County CM         7600         29, 10         110,280         211,428         321,708           Shiawnssec County CM         7600         29, 10         4,608         (4,608)         0           Simwhiney Utiliti         606         29         4,075,152         1,290,216         5,365,368           South Easer, City of         8001         2.9,010         416,760         (416,760)         0           South Haven, City of         6315         29         22,3428         23,720         317,148           Springfield, City of         1303         29,10         23,848         12,329         44,424           South Haven, Fully         7303         29,72,010         22,3168         (13,22         29,184           St. Charls, Village of         1016         29,10         23,388         37,740 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Shepherd, Village of         3704         29, 10         7,968         (7,968)         0           Shiawasse Connol 0         7602         29, 20, 10         1,400,256         1,322,580         2,812,836           Shiawasse Conny CM         7609         29, 10         16,6772         (20,844)         245,928           Shiawasse District         7606         29, 10         14,068         (4,608)         0           Simawase District         7606         29, 10         44,676         (46,769)         0           South Eaven, City of         8010         29, 20, 10         235,620         (185,304)         50,316           South Haven, City of         6315         29         23,088         21,336         44,424           South Laven, City of         6315         29         23,088         21,336         44,424           Springfield, City of         1303         29, 10         47,952         7,6644         124,596           Springfield, City of         1303         29, 10         29,162         132,29,184         32,174,744           St, Charles, Village         7708         29,27, 20, 10         22,316         7,320         24,723           St, Charles, City of         1902         29,26         19,1			29			
Shiawasse Commit         7605         29         4,812         4,836         9,648           Shiawasse Commy         7600         29,10         266,772         (20,844)         245,928           Shiawasse County Rd         7601         29,10         4,608         (46,08)         0           Shiawasse County Rd         7606         29,10         4,608         (46,08)         0           Shiawasse County Rd         8216         29         6,024         1,428         7,452           Sunteast MI Council         8210         29,10         46,6760         (416,760)         0           South Haven, City of         8001         29,20,10         235,620         (183,344)         50,316           South Haven, Ener Ser         8005         29         23,408         32,356         44,424           South Haven, Ener Ser         8005         29         23,408         37,370         317,148           Sparta, Vilage of         4107         29,10         42,614         45,852         171,996           Spring Lake District         7016         29,10         2,388         37,374         100,128           St. Chir, City of         7308         29         13,376         44,842         0 <td>SE Oakland Co Water</td> <td>6309</td> <td>29, 20</td> <td>114,240</td> <td>129,228</td> <td>243,468</td>	SE Oakland Co Water	6309	29, 20	114,240	129,228	243,468
Shiawasse Comy CM         7602         29, 20, 10         1,490,256         1,323,80         2,812,836           Shiawasse County CM         7601         29, 10         110,280         211,428         321,708           Shiawasse District         7606         29, 10         4,608         (4,608)         0           Simw Shitney Utilit         606         29         4,075,152         1,290,216         5,365,368           South Baven, City of         801         29, 0,10         255,620         (185,304)         50,316           South Haven, City of         6315         29         23,088         21,336         44,424           Springfield, City of         1303         29, 10         47,952         76,644         124,596           Springfield, City of         1303         29, 10         223,488         37,740         100,128           St Chairs, City of         7703         29, 27, 20, 10         22,218         414,744         5852         171,996           St Chairs, City of         7903         29, 27, 20, 10         22,218         414,744         118,176           St Chairs, City of         1902         29, 26         191,604         240,960         247,523           St Chairs, City of         5903	Shepherd, Village of			7,968		
Shiawasse Comiy Rd         7609         29, 10         266,772         (20,444)         245,928           Shiawasse District         7606         29, 10         14,088         (4,608)         0           Smis Whitey Utilit         606         29         6,024         1,428         7,452           SMART         8216         29         4,075,152         1,290,216         5,365,368           Southerast MI Council         8210         29, 10         146,760         (416,760)         0           South Haven, City of         6315         29         23,388         93,720         317,148           Springfield, City of         1303         29,10         47,952         76,644         42,585           Springfield, City of         1303         29,10         23,146         (1312)         29,184           St Charles, Village         7308         29         137,176         90,456         227,323           St Charles, Village         7101         29,10         4,812         (4,812)         0           St Likir, City of         1700         29,10         4,812         (4,812)         0           St Likir, City of         1700         29,10         4,814         4,424         0						
Shiawasee Couny Rd         7601         29, 10         110,280         211,28         321,708           Shiawasee District         7606         29, 10         4.608         (4,608)         0           Simwasee Mitiney Utilii         606         29         6.024         1.428         7.452           Southeast MI Council         8210         29, 10         245,620         (416,760)         5.365,336           South Haven, Emer Ser         8005         29         23,3428         93,720         317,148           South Haven, Emer Ser         8005         29         22,3428         93,720         317,144           Spring Lake District         7016         29, 10         126,144         45,852         171,996           Spring Lake District         7016         29, 10         24,812         (41,74)         400,128           St. Clair, City of         7703         29,27, 20, 10         22,812         191,832         414,744           St. Links, City of         7902         29, 27, 20, 10         24,812         0         423,564           St. Lawis, City of         1902         29, 26         191,604         240,960         432,564           St. Lawis, City of         1902         29, 20         13,706 </td <td></td> <td></td> <td>, ,</td> <td></td> <td></td> <td></td>			, ,			
Shiavasee District         7606         29, 10         4.608         (4,608)         0           Sims Whitowy Utiliti         606         29         4.075,152         1.290,216         5,365,368           Southeast MI Councit         8210         29, 10         416,760         (416,760)         0           South Haven, City of         8001         22,20,10         235,620         (185,304)         50,316           South Haven, Emer Ser         8005         29         23,428         93,720         317,148           Springfield, City of         1303         29,10         47,952         76,644         124,596           Springfield, City of         1303         29,10         22,318         31,714         110,128           St. Charles, Village         7008         29,27,20,10         22,2191         19,1832         414,744           St. Clair, Area Frie         7710         29,10         4,812         0         0           St. Loins, City of         1902         29,26         191,604         240,960         42,3564           St. Loins, City of         5007         29         24,360         24,276         49,236           Standough Towship         3615         29         1,308         1,320 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Sims Whitney Utiliti $606$ $29$ $6.024$ $1.428$ $7.452$ SMART $8216$ $29$ $4075.152$ $1.290.216$ $5.365.568$ Southcast ML Council $8210$ $29.10$ $416.760$ $(185.304)$ $50.316$ South Haven City of $6315$ $29$ $223.428$ $23.370$ $414.23$ South Lyon, City of $6315$ $29$ $223.428$ $23.720$ $317.148$ Sprint Lak District $7116$ $29.10$ $47.952$ $76.644$ $124.596$ Sprint Lak District $7106$ $29.10$ $29.316$ $(132)$ $29.184$ St. Clair, City of $7030$ $29.72.01.10$ $22.912$ $191.832$ $414.744$ St. Clair, City of $7006$ $29.26$ $191.604$ $240.966$ $432.564$ St. Louis, City of $1902$ $29.26$ $191.604$ $240.960$ $432.564$ St. Louis, City of $5003$ $20.10$ $0$ $0$ $0$ St. Louis, City of $5003$ $20.10$ $0$ $0$ $0$ St. Louis, City of $5003$ $20.10$ $0$ $0$ $0$ St. Clair, Stores Hous $5007$ $29$ $24.960$ $24.276$ $49.236$ Stephenson, City of $5003$ $20.10$ $0$ $0$ $0$ $0$ St. Louis, City of $5003$ $29.10$ $486$ $480$ $0$ St. Louis, City of $5003$ $29.10$ $49.60$ $42.76$ $49.276$ Stephenson, City of $5003$ $29.10$ $49.66$ <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
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Southeast MI Council         8210         29, 10         416,760         (16,760)         0           South Haven Ener Ser         8005         29, 20, 10         235,630         (185,304)         50,316           South Haven Ener Ser         8005         29         23,088         21,336         44,424           South Javen Ener Ser         8005         29         223,428         93,720         317,148           South Haven Ener Ser         6115         29         223,428         93,720         317,144           Spring Lake District         716         29, 10         126,144         45,852         171,1996           St. Clair, City of         7308         29         62,388         37,740         100,128           St. Clair, City of         7904         29         137,076         90,456         227,532           St. Louis, City of         1902         27, 22, 0         43,716         74,460         118,176           Stambay, Township         3615         29         1,308         1,320         2,628           Statato, City of         5003         20,10         0         0         0         0           Statato, Sity of         5007         29         14,9460         18,828						
South Haven, City of800129, 20, 10235, 620(185, 304)50, 316South Haven Emer Ser80052923, 08821, 33544, 424South Lyon, City of63152923, 04821, 33544, 424Sparta, Village of410729, 1047, 95276, 644124, 596Springfield, City of130329, 10126, 14445, 852171, 996Spring Lake District701629, 2029, 316(132)29, 184St. Charles, Village70082962, 38837, 740100, 128St. Clair, Area Fire771029, 27, 20, 10222, 912191, 832414, 744St. Lohns, City of490429137,07690, 456227, 532St. Lohns, City of290227, 22, 2043,71674,460118,176St. Lohns, City of6012020, 92860,90081,828Stanton, City of500320, 10000Stataton, City of5004299,90481,82449,352Stataton, City of50042913,3689,85223,220Stophen County780329179,11270,740249,852Stophen County780329179,11270,740249,852Stophen County780329179,11270,740249,852Stophen County780329179,11270,740249,852Stophen County78032913,3689,852<						
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Tuscola Co Hlth Dpt790129102,67226,700129,372Tuscola Co Med Care790629, 10132,564(132,564)0Tuscola County790229, 20, 10343,52438,952382,476Tuscola County Road79082941,42452,41693,840Twenty Sixth Jud Cir40329, 1061,116(29,076)32,040			29, 10	166,680		
Tuscola Co Med Care790629, 10132,564(132,564)0Tuscola County790229, 20, 10343,52438,952382,476Tuscola County Road79082941,42452,41693,840Twenty Sixth Jud Cir40329, 1061,116(29,076)32,040		7901	29	102,672		
Tuscola County Road79082941,42452,41693,840Twenty Sixth Jud Cir40329, 1061,116(29,076)32,040				132,564		
Twenty Sixth Jud Cir40329, 1061,116(29,076)32,040						
Twenty Third Judicia         8223         29         28,152         4,320         32,472						
	I wenty Third Judicia	8223	29	28,152	4,320	32,472

					Total
Mariainalita Nomo	Name han	Amortization	Normal	Amortization	Employer
<u>Municipality Name</u>	<u>Number</u>	<u>Period(s)</u>	<u>Cost</u>	<b>Payment</b>	<b>Contribution</b>
Twin Cities Pub Sfty	3610	20, 10	0	0	0
Ubly, Village of	3212	29	7,524	11,136	18,660
Utica, City of	5008	29	54,816	47,136	101,952
Van Buren County	8006	29	248,856	346,104	594,960
Van Buren District L	8007	29	23,028	17,760	40,788
Van Buren Township	8236	29	199,404	140,280	339,684
Vassar, City of	7903	29	70,752	40,344	111,096
Vevay Township	3318	29	5,400	6,024	11,424
Vicksburg, Village o	3902	29, 10	46,680	23,376	70,056
Vicksburg District L	3904	29	8,472	924	9,396
Vienna Township	2522	29	32,184	7,020	39,204
Village of Bancroft	7610	29	1,956	2,124	4,080
Village of Bingham F	6332	29	9,588	2,580	12,168
Village of Farwell	1805	29	6,600	5,652	12,252
Village of Mackinaw	1606	29	19,992	756	20,748
Village of Spring La	7015	29	29,280	33,144	62,424
Wakefield, City of	2701	29	34,620	29,112	63,732
Walker, City of	4112	26	263,772	408,360	672,132
Walled Lake, City of	6324	29, 10	136,824	342,444	479,268
Washtenaw County Rd	8102	29	517,488	470,148	987,636
Washtenaw County She	8113	29, 22, 10	750,984	486,156	1,237,140
Wayland, City of	304	29	106,032	44,292	150,324
Webberville, Village	3314	29	3,216	7,536	10,752
West Branch, City of	6505	29	55,332	31,716	87,048
West Iron Co Sewer A	3612	29	16,152	10,896	27,048
Westland, City of	8211	29	1,686,552	1,920,240	3,606,792
Westphalia, Village	1907	29	4,836	1,428	6,264
Wexford County	8302	29, 20, 10	321,396	268,044	589,440
Wexford County Rd Co	8303	29	167,124	175,644	342,768
White Cloud, City of	6206	29	25,932	7,596	33,528
White Cloud/Sherman	6211	29	10,968	2,244	13,212
White Cloud Comm Lib	6208	29	11,940	2,412	14,352
Whitehall, City of	6105	29, 10	85,044	26,244	111,288
White Lake Charter T	6325	29	307,488	161,160	468,648
White Pigeon Village	7804	29, 10	10,704	(252)	10,452
White Pine Library	5904	29, 20	1,620	5,028	6,648
Willard Public Libra	1308	29	55,908	6,060	61,968
Williamston, City of	3310	29, 20	57,192	62,460	119,652
Wixom, City of	6316	29, 27, 20, 10	377,952	308,352	686,304
W MI Comm Mntl Hlth	5304	20, 10	37,488	(37,488)	0
W MI Shoreline Reg D	6110	29, 10	45,444	(45,444)	0
Wolverine Lake, Vill	6329	29	11,280	45,864	57,144
W UP Dist Hlth Dept	3101	29, 26	261,228	75,276	336,504
WUPPDR	3108	29, 10	21,792	(4,176)	17,616
Ypsilanti, City of	8101	29, 10	177,204	(144,528)	32,676
Ypsilanti, Township	8104	29	237,612	97,188	334,800
Ypsilanti Comm Util	8106	29	559,500	555,756	1,115,256
Ypsilanti Housing Co	8115	29	39,012	4,992	44,004
Totals - Active Groups	650		119,285,292	95,895,468	215,180,760
Totals - Closed Groups	18		0	0	0
Totals - MERS	668		119,285,292	95,895,468	215,180,760

			Present	·	Termination Liability					
				Deferred	Pending		Percent			Percent
Municipality Name	<u>Number</u>	<u>Active</u>	<u>Retired</u>	Vested	<u>Refunds</u>	<u>Total</u>	<b>Funded</b>	<u>Active</u>	<u>Total</u>	<u>Funded</u>
41B District Court	5014	742,898	2,078,302	586,706	11,283	3,419,189	83.1%	863,217	3,539,508	80.3%
Addison Fire Departm Adrian, City of	4607 4601	34,767 11,923,866	0 24,488,264	0 1,462,347	0 84,898	34,767 37,959,375	127.0% 101.9%	36,427 14,372,577	36,427 40,408,086	121.2% 95.8%
Albion, City of	1301	2,934,557	6,006,028	793,141	4,987	9,738,713	156.4%	3,602,834	10,406,990	146.3%
Alcona County	101	3,273,397	3,906,920	397,164	0	7,577,481	86.2%	4,009,238	8,313,322	78.6%
Alger County Alger County Road Co	203 201	3,231,480	3,506,563	84,299 62,215	0	6,822,342 6,433,916	82.3% 101.8%	3,875,238	7,466,100 6,985,227	75.2% 93.8%
Algonac, City of	7707	2,344,775 1,567,860	4,026,926 824,927	430,903	17,220	2.840.910	113.4%	2,896,086 1,809,926	3,082,976	93.8% 104.5%
Allegan, City of	309	1,359,117	763,288	413,692	0	2,536,097	71.2%	1,795,384	2,972,364	60.7%
Allegan County	302	11,770,666	22,776,814	3,241,096	77,205	37,865,781	94.6%	13,025,806	39,120,921	91.6%
Allegan County Rd. C Alma, City of	301 2901	6,195,639 4,849,265	7,323,557 8,516,621	72,531 544,656	363 16,749	13,592,090 13,927,291	105.1% 117.6%	7,881,763 5,891,730	15,278,214 14,969,756	93.5% 109.4%
Almont, Village of	4407	642,026	326,729	7,414	4,565	980,734	113.0%	743,480	1,082,188	102.4%
Alpena County	401	4,602,890	5,747,845	636,924	7,251	10,994,910	95.6%	5,547,299	11,939,319	88.1%
Alpena County Rd. Co Alpena General Hospi	402 405	3,530,608 42,609,982	3,933,516 43,629,998	39,270 3,043,765	0 3,983	7,503,394 89,287,728	106.7% 112.9%	4,446,070 48,769,739	8,418,856 95,447,485	95.1% 105.6%
Alpena Senior Citize	404	9,211	477,835	241,324	0	728,370	40.6%	11,105	730,264	40.5%
Alpha, Village of	3614	2,256	0	19,261	0	21,517	146.9%	2,299	21,560	146.6%
Antrim County	502	8,988,736	7,337,797	1,217,436	38,373	17,582,342	111.6%	10,723,567	19,317,173	101.6%
Antrim County Rd Com Arenac County	501 603	2,573,577 2,883,102	6,062,088 3,345,206	20,157 472,274	$0 \\ 20,102$	8,655,822 6,720,684	74.9% 85.0%	3,055,289 3,144,439	9,137,534 6,982,021	70.9% 81.8%
Arenac County Rd Com	604	1,518,602	2,902,658	39,944	0	4,461,204	61.6%	1,870,384	4,812,986	57.1%
Ash Township	5804	105,187	256,121	4,699	0	366,007	52.9%	123,441	384,261	50.4%
Auburn, City of Au Gres, City of	905 602	809,066 963,487	299,411 619,660	0 0	0 0	1,108,477 1,583,147	115.0% 69.4%	993,121 1,215,998	1,292,532 1,835,658	98.6% 59.8%
Bad Axe, City of	3211	1,825,369	1,797,378	129,465	1,406	3,753,618	75.1%	2,152,958	4,081,207	69.1%
Bangor, City of	8003	405,973	613,341	101,078	2,443	1,122,835	179.0%	499,286	1,216,148	165.3%
Baraga, Village of	704 702	542,893	1,471,769	34,012	0	2,048,674	73.5% 93.8%	552,184	2,057,965	73.1% 87.3%
Baraga County Baraga County Memori	702	1,279,987 5,651,785	2,376,144 3,349,329	146,650 588,252	1,911	3,802,781 9,591,277	95.8% 98.0%	1,563,683 6,584,021	4,086,477 10,523,513	87.5% 89.4%
Baraga County Rd Com	701	1,223,226	4,451,769	0	0	5,674,995	75.1%	1,395,127	5,846,896	72.9%
Baroda Township	1109	38,231	0	0	0	38,231	137.9%	42,409	42,409	124.3%
Barry County Barry County CMH Aut	802 804	13,621,415 1,514,840	14,229,197 0	1,218,668 36,730	22,601 8,300	29,091,881 1,559,870	92.3% 127.5%	15,944,277 1,496,000	31,414,743 1,541,030	85.5% 129.1%
Barry-Eaton Dist Hlt	2303	4,389,766	4,205,393	1,072,069	24,501	9,691,729	99.5%	5,342,154	10,644,117	90.6%
Barton Hills, Villag	8107	307,234	121,815	0	0	429,049	109.5%	360,780	482,595	97.4%
Bates Township Bath Charter Townshi	3616 1909	102,494 988,011	121,395 1,108,741	0 148,907	0 2,849	223,889 2,248,508	61.0% 108.2%	124,531 1,082,977	245,926 2,343,474	55.5% 103.8%
Battle Creek, City o	1302	39,655,510	42,217,215	2,287,722	34,153	84,194,600	93.3%	48,786,865	93,325,955	84.1%
Bay Area Transportat	2810	423,935	0	0	4,817	428,752	108.3%	463,742	468,559	99.1%
Bay City, City of Bay City Housing Com	901 906	11,403,864	44,930,289 2,979,506	668,411 0	25,804 0	57,028,368	67.7% 99.0%	11,070,101 1,389,137	56,694,605	68.1% 101.3%
Bay City Housing Com Bayliss Public Libra	906 1702	1,488,418 219,326	2,979,506 222,234	60,928	0	4,467,924 502,488	99.0% 226.0%	270,387	4,368,643 553,549	205.2%
Bay Metro Transit Au	907	3,497,024	1,668,176	153,848	0	5,319,048	75.1%	4,058,191	5,880,215	68.0%
Beecher Met Dist Swg	2501	1,849,286	1,688,828	390,351	0	3,928,465	103.5%	2,057,395	4,136,574	98.3%
Belding, City of Belleville, City of	3410 8213	320,584 2,158,370	1,061,347 1,644,088	7,324 108,920	1,511 0	1,390,766 3,911,378	57.2% 82.9%	345,796 2,557,726	1,415,978 4,310,734	56.2% 75.2%
Benzie/Leelanau Dist	4504	184,323	71,333	0	ů 0	255,656	127.0%	204,853	276,186	117.5%
Benzie County	1003	2,335,179	3,374,180	1,041,051	1,825	6,752,235	98.2%	2,523,761	6,940,817	95.5%
Benzie County Comm o Benzie County MCF (M	1006 1004	180,932 2,056,642	242,367 1,291,764	20,866 311,227	0 29,540	444,165 3,689,173	86.1% 131.9%	221,229 2,456,680	484,462 4,089,211	78.9% 119.0%
Benzie County WCP (W Benzie County Road C	1004	1,797,564	3,378,257	231,318	792	5,407,931	55.4%	2,305,374	5,915,741	50.6%
Benzie Shores Dist.	1005	83,744	0	0	0	83,744	135.9%	99,318	99,318	114.6%
Berkley, City of	6304	5,033,403	11,160,923	571,047	24,998	16,790,371	89.0%	6,474,465	18,231,433	81.9%
Berrien Springs, Vil Bessemer, City of	1102 2702	1,086,857 326,714	657,176 1,400,392	205,026 37,662	2,942 2,735	1,952,001 1,767,503	123.4% 104.9%	1,410,298 361,003	2,275,442 1,801,792	105.9% 102.9%
Beverly Hills, Villa	6321	932,464	626,612	651,306	166	2,210,548	109.8%	1,142,193	2,420,277	100.3%
Big Rapids, City of	5402	5,425,922	3,250,202	164,154	0	8,840,278	88.3%	6,962,652	10,377,008	75.3%
Big Rapids Housing C Birch Run, Village o	5406 7315	461,668 271,866	205,264 74,056	41,101 20,116	0 31,205	708,033 397,243	100.0% 118.2%	461,239 309,638	707,604 435,015	100.0% 107.9%
Bishop Intl Arpt Aut	2507	1,462,590	845,535	90,948	26,188	2,425,261	132.9%	1,556,421	2,519,092	128.0%
Blackman Township	3806	1,188,538	2,350,715	135,162	19,412	3,693,827	75.8%	1,019,866	3,525,155	79.4%
Blissfield, Village	4606	1,156,903	638,400	77,646	0	1,872,949	115.3%	1,452,321	2,168,367	99.6%
Bloomfield Hills, Ci Blue Water Area Tran	6302 7709	3,067,886 1,422,186	18,368,950 386,167	325,971 176,008	6,788 0	21,769,595 1,984,361	69.7% 120.0%	2,162,716 1,672,616	20,864,425 2,234,791	72.7% 106.5%
Boyne City, City of	1506	2,839,740	3,112,743	345,674	17,290	6,315,447	100.2%	3,524,524	7,000,231	90.4%
Branch County Sherif	1205	245,025	78,899	0	0	323,924	169.1%	266,361	345,260	158.7%
Brandon Township Breckenridge,Village	6333 2906	2,884,618 997,564	147,493 804,510	0 19,990	0 0	3,032,111 1,822,064	106.6% 80.4%	3,582,825 1,363,912	3,730,318 2,188,412	86.6% 66.9%
Bridgeport Charter T	2900 7307	1,236,352	3,146,920	522,807	9,385	4,915,464	90.7%	1,393,518	5,072,630	87.9%
Brighton, City of	4704	3,711,653	3,305,510	229,670	0	7,246,833	101.8%	3,263,573	6,798,753	108.5%
Brighton Area Fire A Brighton Township	4715 4711	67,290 365,194	209,987 300,765	0 284,370	0 23,542	277,277 973,871	115.7% 118.5%	74,687 425,738	284,674 1,034,415	112.7% 111.5%
Britton, Village of	4711 4604	63,865	52,929	284,370 0	25,542 0	975,871 116,794	209.6%	425,738 69,928	1,034,415	111.5% 199.3%
Brnch-Hllsdl-St.Josp	1202	2,984,453	3,402,090	955,619	27,176	7,369,338	126.5%	3,566,315	7,951,200	117.2%
Bronson, City of	1204	174,040	92,732	20,321	0	287,093	87.5%	229,400	342,453	73.4%

			Term	ination Liab	Percent           Funded           5         77.8%           5         135.7%           0         68.2%           8         93.6%           4         53.7%           4         117.8%					
				Deferred	Pending		Percent			
<u>Municipality Name</u>	<u>Number</u>	<u>Active</u>	<u>Retired</u>	<u>Vested</u>	<u>Refunds</u>	<u>Total</u>	<b>Funded</b>	<u>Active</u>	<u>Total</u>	Funded
Brooklyn, Village of	3801	192,840	779,854	0	0	972,694	81.0%	232,322	1,012,176	
Buchanan, City of Buchanan District Li	1101 1108	1,384,750 54,617	3,052,542	208,029 0	33,740 0	4,679,061 54,617	141.9% 78.2%	1,600,334 62,620	4,894,645 62,620	
Buena Vista Charter	7312	2,702,386	3,102,448	268,003	60,262	6,133,099	98.5%	3,023,985	6,454,698	
Burton, City of	2508	9,662,013	17,041,630	1,098,716	17,241	27,819,600	54.6%	10,136,627	28,294,214	53.7%
Butman Township	2604	0	0	98,224	0	98,224	117.8%	0	98,224	
Cadillac, City of Cadillac/Wexford Tra	8301 8305	3,909,429 506,807	3,880,511 146,502	317,705 0	0 0	8,107,645 653,309	133.4% 101.5%	4,616,615 644,971	8,814,831 791,473	122.7% 83.8%
Calhoun County	1311	9,213,479	8,335,143	79,901	60,688	17,689,211	51.3%	10,077,758	18,553,490	48.9%
Calhoun County Road	1307	3,584,831	5,314,934	953,372	6,754	9,859,891	72.8%	4,324,266	10,599,326	67.7%
Canton Public Librar	8232	1,494,210	737,395	0	0	2,231,605	90.6%	1,815,347	2,552,742	79.2%
Canton Township Capac, Village of	8233 7705	31,903,665 249,508	23,558,330 1,228,760	116,140 94,004	146,997 471	55,725,132 1,572,743	85.1% 56.7%	32,986,292 262,790	56,807,759 1,586,025	83.4% 56.2%
Capital Area Dist Li	3317	1,327,748	1,220,700	14,005	26,868	1,368,621	138.7%	1,586,318	1,627,191	116.6%
Capital Region Arprt	3305	3,533,759	6,321,909	503,991	5,097	10,364,756	78.1%	4,696,169	11,527,166	70.2%
Carleton, Village of	5805	320,608	166,857	14,705	0	502,170	104.5%	381,892	563,454	93.2%
Carrollton Township Cascade Charter Town	7320 4110	933,768 2,537,350	340,435 400,033	4,100 354,109	1,712 7,520	1,280,015 3,299,012	91.3% 92.3%	971,793 2,870,364	1,318,040 3,632,026	88.6% 83.8%
Caseville, Village o	3207	615,063	154,054	0	803	769,920	103.0%	726,914	881,771	90.0%
Caspian, Village of	3608	364,101	254,701	21,955	0	640,757	83.2%	452,489	729,145	73.1%
Cass County	1402	4,954,433	7,194,438	618,744	101,034	12,868,649	105.9%	5,317,439	13,231,655	103.0%
Cass County MCF Cass District Librar	1403 1404	1,647,859 105,402	975,086 234,385	248,961 43,792	42,363 10,728	2,914,269 394,307	146.1% 172.0%	1,958,897 119,100	3,225,307 408,005	132.0% 166.2%
Cedar Springs, City	4105	740,861	1,109,043	167,478	3,985	2,021,367	97.5%	930,632	2,211,138	89.1%
Center Line, City of	5001	1,260,271	5,780,424	9,898	45,608	7,096,201	86.4%	1,232,113	7,068,043	86.8%
Central Dispatch of	6109	966,042	2,132,572	10,423	22,402	3,131,439	116.2%	771,693	2,937,090	123.9%
Central MI Dist Hlth Central Wayne County	3705 8214	4,291,808 0	6,423,553 2,779,743	1,109,030 646,234	52,390 0	11,876,781 3,425,977	90.4% 99.0%	4,629,838 0	12,214,811 3,425,977	87.9% 99.0%
Charlevoix, City of	1505	3,278,612	3,947,873	381,262	0	7,607,747	89.6%	4,095,007	8,424,142	80.9%
Charlevoix Cnty Rd C	1501	1,619,086	3,282,844	137,601	213	5,039,744	91.5%	1,922,791	5,343,449	86.3%
Charlevoix County	1503	11,642,546	8,707,662	1,057,403	7,386	21,414,997	93.1%	14,110,478	23,882,929	83.5%
Charlotte, City of Charlotte District L	2301 2309	4,802,809 179,233	6,616,498 256,559	552,520 0	19,431 0	11,991,258 435,792	94.2% 72.3%	5,251,006 206,161	12,439,455 462,720	90.8% 68.1%
Charter Twp of Muske	6108	4,333,794	4,972,842	285,230	11,706	9,603,572	105.5%	5,040,359	10,310,137	98.3%
Cheboygan, City of	1602	2,867,804	3,932,583	32,187	6,837	6,839,411	92.1%	3,577,700	7,549,307	83.4%
Cheboygan County	1603	5,793,566	4,318,310	756,906	36,739	10,905,521	110.6%	7,068,968	12,180,923	99.0%
Cheboygan County Rd Chelsea, Village of	1601 8103	3,043,372 1,960,903	9,712,718 5,360,814	206,867 213,472	0 0	12,962,957 7,535,189	71.8% 70.9%	3,416,626 2,156,152	13,336,211 7,730,438	69.8% 69.1%
Chesaning, Village o	7313	630,302	1,717,662	71,597	0	2,419,561	21.2%	743,443	2,532,702	20.3%
Chesterfield Townshi	5009	4,142,618	989,954	100,854	5,304	5,238,730	93.4%	4,811,810	5,907,922	82.8%
Chesterfield Townshi	5010	283,660	0	0	0	283,660	146.5%	319,137	319,137	130.2%
Chikaming Township Chippewa County	1112 1703	691,200 9,725,206	0 9,423,670	0 2,129,489	0 79,614	691,200 21,357,979	81.4% 106.4%	806,384 11,910,064	806,384 23,542,837	69.7% 96.5%
Chippewa County Rd C	1704	4,058,906	7,217,222	269,939	0	11,546,067	90.8%	5,020,642	12,507,803	83.8%
Chippewa River Dist	3707	891,592	241,608	10,814	11,237	1,155,251	138.0%	1,061,375	1,325,034	120.3%
City of Bridgman	1110 2523	466,898	$\begin{array}{c} 0\\ 0\end{array}$	0	0 0	466,898	90.9%	535,980	535,980	79.1%
City of Clio City of Harbor Sprin	2325	368,838 1,680,448	436,717	16,370 0	0	385,208 2,117,165	101.8% 85.4%	431,896 2,030,718	448,266 2,467,435	87.5% 73.2%
City of Richmond	5012	764,882	274,499	ů 0	0	1,039,381	69.0%	906,139	1,180,638	60.8%
Clare, City of	1804	1,604,551	2,579,602	446,417	6,505	4,637,075	92.4%	1,845,285	4,877,809	87.9%
Clare County Clare County Road Co	1802 1801	4,463,579 1,955,612	5,433,197 5,430,448	462,674 0	36,550 181	10,396,000 7,386,241	112.8% 106.5%	5,392,491 2,441,970	11,324,912 7,872,599	103.6% 99.9%
Clawson, City of	6305	3,843,420	14,822,506	45,714	6,559	18,718,199	62.4%	4,010,688	18,885,467	61.9%
Clay Township	7706	2,619,432	1,752,461	101,859	31,928	4,505,680	73.5%	3,038,765	4,925,013	67.3%
Clearwater Township	4005	36,084	0	0	0	36,084	100.9%	45,777	45,777	79.6%
Clinton, Village of Clinton County	4602 1903	1,554,144 11,420,683	372,742 12,002,828	172,741 1,256,790	8,102 11,870	2,107,729 24,692,171	144.5% 99.0%	1,911,372 13,216,042	2,464,957 26,487,530	123.5% 92.3%
Clinton County Road	1901	4,701,141	5,623,805	192,850	25,882	10,543,678	102.4%	5,448,345	11,290,882	95.6%
Clinton-Eaton-Ingham	3308	37,865,483	31,712,432	4,858,504	176,879	74,613,298	93.1%	45,957,736	82,705,551	84.0%
Clinton Township	5002	16,442,982	19,418,886	1,265,197	99,944	37,227,009	102.9%	19,383,844	40,167,871	95.4%
Coldwater, City of Coldwater Board of P	1201 1203	3,785,358 3,021,481	7,543,845 4,682,332	885,457 315,992	21,052 11,511	12,235,712 8,031,316	109.3% 91.3%	4,449,146 3,840,189	12,899,500 8,850,024	103.6% 82.9%
Coleman, City of	5603	589,160	900,616	26,584	0	1,516,360	71.6%	642,290	1,569,490	69.2%
Coloma Township	1107	83,055	0	0	0	83,055	175.7%	85,181	85,181	171.3%
Columbiaville, Villa	4406	70,484	134,424	0	0	204,908	106.3%	75,929	210,353	103.6%
Comm Mental Hlth for Coopersville, City o	3708 7005	13,847,446 663,858	10,297,518 562,735	3,689,246 97,001	21,924 22,718	27,856,134 1,346,312	123.1% 117.4%	15,377,345 755,765	29,386,033 1,438,219	116.7% 109.9%
Corunna City of	7604	470,580	2,482,908	422,933	22,718	3,376,421	80.7%	459,102	3,364,943	81.0%
Corwith Township	6904	5,146	0	0	0	5,146	104.5%	5,228	5,228	102.8%
Crawford Cnty Trans.	2004	1,008,852	1,437,331	0	86 4 5 1 8	2,446,269	116.7%	1,224,453	2,661,870	107.2%
Crawford County Crawford County Rd C	2001 2002	4,978,169 1,824,367	3,915,774 2,438,388	349,885 183,580	4,518 6,840	9,248,346 4,453,175	79.2% 61.9%	5,883,679 2,268,186	10,153,856 4,896,994	72.2% 56.3%
Croswell, City of	7401	2,110,032	3,235,249	2,664	254	5,348,199	79.6%	2,425,124	5,663,291	75.2%
Crystal Falls, City	3603	1,089,426	5,021,972	38,824	0	6,150,222	92.8%	1,216,357	6,277,153	90.9%
Crystal Falls Comm H Davison,City of	3618 2516	0 1,646,562	1,931,104 3,168,615	1,298,363 0	0 1,139	3,229,467 4,816,316	123.5% 75.3%	0 1,521,087	3,229,467 4,690,841	123.5% 77.3%
Davison, City Of	2310	1,040,302	3,100,013	0	1,139	+,010,010	15.570	1,521,007	4,070,041	11.370

			Present	t Value of A	Accrued Ben	nefits	Termination Liability				
<b></b>	NT 1	A /•		Deferred Vested	Pending Refunds		Percent Funded			Percent Funded	
Municipality Name	<u>Number</u>	<u>Active</u>	<b>Retired</b>			<u>Total</u>		<u>Active</u>	<u>Total</u>		
Davison Township Deerfield, Village o	2519 4603	2,171,759 396,431	2,392,647 412,027	3,665 0	0 0	4,568,071 808,458	87.7% 118.4%	2,424,448 465,533	4,820,760 877,560	83.1% 109.1%	
Delta Charter Townsh	2306	2,585,285	3,600,080	167,022	3,103	6,355,490	93.6%	2,377,093	6,147,298	96.8%	
Delta County	2102	7,927,433	9,942,686	842,265	24,261	18,736,645	90.9%	9,908,055	20,717,267	82.2%	
Delta County Rd Comm	2105	3,094,933	2,954,750	285,348	0	6,335,031	58.1%	3,875,226	7,115,324	51.7%	
Delta-Menominee Dist Detour, Village of	2103 1706	2,031,300 191,823	400,156 97,284	801,194 2,244	24,918 0	3,257,568 291,351	178.3% 70.1%	2,423,251 235,527	3,649,519 335,055	159.2% 61.0%	
Detroit Housing Comm	8241	1,003,030	97,284	2,244	0	1,003,030	152.9%	1,170,891	1,170,891	131.0%	
DeWitt, City of	1908	1,157,210	1,132,990	107,737	6,972	2,404,909	65.2%	1,474,016	2,721,715	57.6%	
Dewitt Charter Towns	1910	1,009,464	163,048	159,874	15,068	1,347,454	121.4%	1,052,794	1,390,784	117.6%	
Dexter, Village of Dexter Township	8217 8111	1,025,233 216,282	1,043,258 145,118	89,201 10,865	8,493 14,931	2,166,185 387,196	100.5% 105.2%	1,193,708 263,206	2,334,660 434,120	93.2% 93.8%	
Dickinson County	2206	5,739,193	9,781,455	1,050,471	26,893	16,598,012	89.7%	6,207,127	17,065,946	93.8% 87.2%	
Dickinson County Rd	2203	2,703,883	3,397,004	128,515	0	6,229,402	91.5%	3,374,165	6,899,684	82.6%	
Dickinson-Iron Dist	3605	1,214,004	2,991,262	845,942	17,841	5,069,049	103.3%	1,413,108	5,268,153	99.4%	
Dimondale, Village of Dist Hlth Dept No 2	2304 6501	231,707 1,902,847	98,439 1,819,728	75,317 567,465	0 13,733	405,463 4,303,773	108.4% 103.2%	273,162 2,214,425	446,918 4,615,351	98.3% 96.2%	
Dist Hith Dept No 4	7103	4,575,332	4,131,561	547,704	30,560	9,285,157	105.2%	5,337,101	10,046,926	90.2% 97.8%	
District Health Dept	5104	6,126,226	10,776,351	887,696	5,973	17,796,246	75.7%	7,397,436	19,067,456	70.7%	
Douglas, Village of	303	781,714	420,149	64,115	0	1,265,978	101.2%	919,653	1,403,917	91.2%	
Dowagiac, City of Dowagiac District Li	1401 1406	3,538,730 19,306	8,335,122 0	566,100 0	25,567 0	12,465,519 19,306	65.6% 109.4%	4,266,368 24,622	13,193,157 24,622	62.0% 85.8%	
Dowagiac Housing Com	1400	19,500	0	32,538	0	47,050	217.1%	24,022 21,677	54,022	188.4%	
Drummond Island Town	1708	13,907	Ő	0	Ő	13,907	200.9%	14,650	14,650	190.8%	
Dryden, Village of	4405	43,959	184,188	41,797	0	269,944	119.2%	49,864	275,849	116.7%	
Dundee, Village of	5803	991,114	574,379	0	10,800	1,576,293	156.7%	1,167,432	1,752,611	140.9%	
Durand, City of East China, Township	7603 7701	1,364,514 1,726,900	1,160,376 2,533,577	88,030 146,471	0 4,511	2,612,920 4,411,459	117.7% 95.4%	1,550,032 2,214,544	2,798,438 4,899,103	109.9% 85.9%	
Eastern UP Trans Aut	1705	1,873,630	3,687,490	167,389	4,511	5,728,509	80.0%	2,395,419	6,250,298	73.3%	
East Grand Rapids,Ci	4101	1,361,054	14,976,590	311,891	5,648	16,655,183	76.4%	1,222,101	16,516,230	77.1%	
East Jordan, City of	1504	1,068,376	1,430,760	161,778	2,395	2,663,309	100.3%	1,294,009	2,888,942	92.4%	
East Lansing, City o Eastpointe Housing C	3301 5011	32,919,663 203,065	74,337,693 0	3,074,637 0	33,838 0	110,365,831 203,065	86.6% 119.5%	32,923,388 226,532	110,369,556 226,532	86.6% 107.1%	
Eaton Co Medical Car	2305	1,488,742	1,821,969	354,557	112,081	3,777,349	123.3%	1,765,770	4,054,377	114.9%	
Eaton County	2302	26,458,820	47,694,335	1,562,333	270,735	75,986,223	76.1%	25,421,578	74,948,981	77.2%	
Eaton Rapids, City o	2307	3,702,934	2,726,142	193,857	17,464	6,640,397	83.5%	4,290,710	7,228,173	76.7%	
Eau Claire, Village Ecorse, City of	1104 8206	69,350 4,941,115	316,035 32,316,780	0 615,036	1,744 3,091	387,129 37,876,022	65.7% 66.3%	79,768 5,417,038	397,547 38,351,945	64.0% 65.5%	
Elderly Housing Comm	8222	846,913	932,220	52,760	0	1,831,893	92.9%	1,008,258	1,993,238	85.4%	
Elkton, Village of	3206	143,874	203,177	107,362	0	454,413	106.4%	169,992	480,531	100.7%	
Elsie, Village of	1906	0	59,340	68,067	6,360	133,767	131.7%	0	133,767	131.7%	
Emmet, Charter Twnsh Emmet County Rd Comn	1310	676,723 1,415,913	1,202,019 9,095,808	19,678 178,695	428 0	1,898,848 10,690,416	100.3% 76.2%	746,934 1,582,601	1,969,059 10,857,104	96.7% 75.1%	
Escanaba, City of	2101	7,274,448	13,849,428	1,130,015	25,016	22,278,907	83.9%	8,579,812	23,584,271	79.2%	
Essexville, City of	903	1,502,475	3,380,625	38,349	0	4,921,449	97.8%	1,972,627	5,391,601	89.2%	
Evart, City of	6705	476,672	353,328	178,889	0	1,008,889	97.2%	553,115	1,085,332	90.4%	
Evart Local Dev Fina Farmington Comm Libr	6706 6319	190,312 2,469,215	37,874 3,292,060	0 46,702	0 13,151	228,186 5,821,128	96.4% 108.9%	255,609 2,984,154	293,483 6,336,067	74.9% 100.1%	
Fenton, City of	2505	3,734,173	3,529,981	40,769	1,224	7,306,147	105.3%	4,147,538	7,719,512	99.6%	
Ferrysburg, City of	7106	602,372	216,537	55,488	0	874,397	84.0%	734,522	1,006,547	73.0%	
Flat Rock, City of	8212	4,945,517	8,533,593	36,316	30,503	13,545,929	77.2%	5,188,353	13,788,765	75.8%	
Flint Charter Townsh Flint Public Library	2512 2518	8,998,983 240,672	2,353,836 0	387,966 0	23,315 0	11,764,100 240,672	107.7% 185.2%	8,605,088 302,915	11,370,205 302,915	111.5% 147.1%	
Flushing, Charter To	2515	2,998,717	153,083	7,232	4,642	3,163,674	67.5%	3,146,187	3,311,144	64.5%	
Flushing, City of	2502	3,654,203	6,402,594	155,140	8,673	10,220,610	77.6%	3,206,150	9,772,557	81.2%	
Forsyth Township	5212	1,994,809	1,542,821	185,222	0	3,722,852	64.1%	2,357,351	4,085,394	58.4%	
Fowler, Village of Fowlerville, Village	1904 4705	15,572 635,962	202,165 1,172,733	12,579 298,731	0 22,789	230,316 2,130,215	102.2% 127.3%	15,414 734,585	230,158 2,228,838	102.3% 121.7%	
Fowlerville District	4710	94,716	0	0	0	94,716	131.4%	112,456	112,456	110.7%	
Frankenmuth, City of	7306	3,117,950	5,250,135	189,184	1,598	8,558,867	97.5%	3,880,359	9,321,276	89.6%	
Frankfort, City of	1002	670,573	1,271,386	1,792	394	1,944,145	84.0%	741,365	2,014,937	81.1%	
Franklin, Village of Fraser, City of	6323 5003	1,913,330 0	665,449 73,332	816 99,978	4,005 0	2,583,600 173,310	100.1% 170.4%	1,763,930 0	2,434,200 173,310	106.2% 170.4%	
Fremont, City of	6203	2,582,311	3,446,028	97,504	0	6,125,843	89.1%	3,195,835	6,739,367	81.0%	
Fremont Area Distric	6209	151,820	505,651	29,075	0	686,546	88.7%	185,217	719,943	84.6%	
Gaastra, City of	3617	83,807	0	0	0	83,807	101.7%	102,163	102,163	83.4%	
Gaylord, City of Genesee Charter Town	6903 2510	2,898,709 3,961,594	2,557,997 5,408,260	81,128 119,943	0 178	5,537,834 9,489,975	95.8% 67.8%	3,270,365 4,910,969	5,909,490 10,439,350	89.8% 61.7%	
Genoa Township	4713	14,491	0	0	0	14,491	246.4%	12,833	12,833	278.2%	
Gladstone, City of	2106	2,226,655	5,562,203	186,783	0	7,975,641	69.7%	2,325,501	8,074,487	68.8%	
Gladwin, City of	2605	1,128,161	701,353	211,026	0 7.000	2,040,540	73.6%	1,337,301	2,249,680	66.8%	
Gladwin CO. District Gladwin County	2607 2602	258,081 3,462,944	82,020 5,723,910	72,252 641,078	7,000 49,868	419,353 9,877,800	136.0% 97.5%	317,867 3,987,659	479,139 10,402,515	119.0% 92.6%	
Gladwin County Rd Co	2601	2,600,220	7,057,038	192,927	49,000	9,850,185	88.4%	3,186,896	10,436,861	83.5%	
Gogebic-Iron Wastewt	2703	489,302	933,306	0	0	1,422,608	75.0%	536,310	1,469,616	72.6%	
Grand Blanc, City of	2513	4,209,568	974,376	48,824	932	5,233,700	103.0%	4,849,038	5,873,170	91.7%	

			Presen	t Value of A	·	Termination Liability				
				Deferred	Pending		Percent			Percent
Municipality Name	<u>Number</u>	<u>Active</u>	<b>Retired</b>	Vested	<u>Refunds</u>	<u>Total</u>	<b>Funded</b>	<u>Active</u>	<u>Total</u>	<b>Funded</b>
Grand Blanc Charter	2511	4,237,580	4,212,545	2,089	2,145	8,454,359	65.6%	3,904,652	8,121,431	68.3%
Grand Haven, City of Grand Ledge Area Em	7010 2310	19,468,693 198,032	24,936,729 0	1,634,474 20,431	52,010 0	46,091,906 218,463	135.8% 141.7%	20,659,758 189,770	47,282,971 210,201	132.3% 147.3%
Grand Rapids Housing	4108	607,687	154,001	110,523	0	872,211	78.1%	788,362	1,052,886	64.7%
Grand Trav. Pavilion	2809	6,786,138	2,911,716	1,712,258	23,780	11,433,892	94.8%	7,226,749	11,874,503	91.3%
Grand Traverse Cnty	2802	2,234,204	6,129,865	150,719	0	8,514,788	89.5%	2,854,016	9,134,600	83.4%
Grand Traverse Count Grandville, City of	2803 4102	12,585,542 3,363,330	51,576,963 9,217,482	2,487,221 831,887	6,354 0	66,656,080 13,412,699	55.1% 74.8%	13,579,531 4,086,545	67,650,069 14,135,914	54.2% 71.0%
Gratiot County	2905	7,391,400	7,447,032	1,040,736	0	15,879,168	91.3%	8,419,665	16,907,433	85.8%
Gratiot County Rd Co	2903	4,734,569	5,754,254	141,751	0	10,630,574	97.6%	6,129,089	12,025,094	86.3%
Grayling, City of Green Oak Township	2003 4708	1,324,535 1,116,014	843,325 0	29,195 156,252	0 0	2,197,055 1,272,266	111.8% 84.7%	1,652,476 1,049,734	2,524,996 1,205,986	97.3% 89.4%
Greenville, City of	5906	1,225,763	1,351,970	283,905	25,774	2,887,412	113.8%	1,188,070	2,849,719	115.3%
Grosse Ile Township	8207	7,908,807	7,076,325	484,341	0	15,469,473	90.2%	8,885,683	16,446,349	84.8%
Grosse Pointe Park, Grosse Pte-Clntn Rfs	8201 5004	9,283,279 0	14,903,180 2,104,182	128,817 338,908	74,759 0	24,390,035 2,443,090	94.6% 125.7%	10,421,186 0	25,527,942 2,443,090	90.4% 125.7%
Groveland Township	6335	585,514	184,818	0	0	770,332	123.7%	671,661	2,443,090 856,479	94.2%
Hackley Public Libra	6114	14,562	0	0	0	14,562	184.8%	19,675	19,675	136.8%
Hamburg Township	4709	640,214	354,446	0	389	995,049	82.7%	636,635	991,470	83.0%
Hamtramck, City of Hancock, City of	8205 3107	14,942,116 828,195	65,944,483 0	785,537 0	340,370 8,652	82,012,506 836,847	72.6% 115.5%	15,984,306 945,129	83,054,696 953,781	71.7% 101.3%
Harbor Beach, City of	3201	2,314,296	1,109,326	337,505	7,523	3,768,650	124.7%	2,661,919	4,116,273	114.1%
Harrison, City of	1803	872,228	654,994	100,211	0	1,627,433	105.5%	1,055,454	1,810,659	94.8%
Hartland Deerfield T	4716	27,643	0	0	0	27,643	296.2%	26,862	26,862	304.8%
Hastings, City of Health Source of Sag	801 7311	3,622,293 10,569,608	6,876,601 12,191,143	283,026 2,173,923	27,860 16,815	10,809,780 24,951,489	81.7% 111.0%	4,264,788 12,597,159	11,452,275 26,979,040	77.1% 102.6%
Helen Newberry Joy H	4805	4,300,723	5,486,445	379,507	57,649	10,224,324	107.5%	5,139,908	11,063,509	99.3%
Henika District Libr	310	186,460	0	0	0	186,460	158.3%	266,372	266,372	110.8%
Herrick District Lib Hiawatha Comm MH Au	7012	2,344,409 4,403,134	1,662,253 1,517,393	168,311 1,187,063	0 38,453	4,174,973 7,146,043	95.1% 142.7%	2,808,672 5,094,277	4,639,236 7,837,186	85.6% 130.1%
Highland Park, City	8227	2,686,384	18,923,602	1,116,717	175,629	22,902,332	21.4%	2,900,019	23,115,967	21.2%
Hillsdale, City of	3001	5,717,917	4,979,866	865,954	48,798	11,612,535	137.2%	7,130,369	13,024,987	122.3%
Hillsdale County Rd	3004	3,324,932	2,182,436	25,631	4,544	5,537,543	81.4%	4,111,538	6,324,149	71.3%
Hillsdale County-She Holland, City of	3005 7001	1,962,373 28,072,659	1,190,070 48,869,420	107,230 2,580,813	258 21,319	3,259,931 79,544,211	57.7% 97.8%	2,106,884 33,840,376	3,404,442 85,311,928	55.3% 91.2%
Holland Hospital	7006	0	1,853,820	587,152	0	2,440,972	120.8%	0	2,440,972	120.8%
Holland Swimming Poo	7014	104,520	0	0	525	105,045	138.7%	132,265	132,790	109.8%
Holly, Village of Homer, Village of	6317 1304	3,777,720 345,656	3,719,064 194,578	260,548 141,473	3,205 0	7,760,537 681,707	90.9% 148.3%	4,955,116 406,159	8,937,933 742,210	78.9% 136.2%
Houghton County	3102	6,517,340	7,372,804	383,199	35,375	14,308,718	84.9%	7,756,553	15,547,931	78.1%
Houghton County Road	3103	814,539	2,441,813	0	0	3,256,352	81.4%	1,051,729	3,493,542	75.9%
Houghton Lake Public	7203	158,908	0	0	0	158,908	168.8%	193,512	193,512	138.6%
Howard City, Village Howard Township	5902 1106	70,821 19,415	514,592 0	28,066 0	0 0	613,479 19,415	94.5% 163.8%	76,366 26,797	619,024 26,797	93.7% 118.7%
Howell, City of	4702	3,430,872	8,719,664	1,432,143	26,235	13,608,914	75.9%	3,954,946	14,132,988	73.1%
Howell Area Fire Aut	4714	244,921	0	0	0	244,921	120.1%	262,892	262,892	111.9%
Howell Carnegie Dist Hudsonville, City of	4707 7004	465,178 123,726	62,847 1,265,664	18,667 431,055	0 2,635	546,692 1,823,080	124.1% 68.2%	561,928 156,644	643,442 1,855,998	105.5% 67.0%
Huntington Woods, Ci	6303	4,324,395	12,063,668	48,626	40,483	16,477,172	68.7%	5,036,265	17,189,042	65.9%
Huron Charter Townsh	8224	5,174,422	3,325,696	5,390	15,041	8,520,549	77.8%	5,155,837	8,501,964	78.0%
Huron County	3204	21,283,878	22,482,970	4,039,678	266,640	48,073,166	109.3%	27,043,215	53,832,503	97.6%
Huron County Rd Comm Imlay City, City of	3202 4404	4,849,062 2,104,119	12,335,213 733,204	246,099 192,251	0 0	17,430,374 3,029,574	101.2% 110.7%	6,107,165 2,680,323	18,688,477 3,605,778	94.4% 93.0%
Independence Townshi	6328	2,468,420	222,081	0	0	2,690,501	133.9%	2,611,815	2,833,896	127.1%
Indianfields Townshi	7905	39,461	155,956	40,065	0	235,482	23.6%	43,546	239,567	23.2%
Ingham County Ingham County Road C	3303 3302	85,174,161 8,254,766	103,610,716 15,750,449	13,965,746 519,333	834,964 2,444	203,585,587 24,526,992	92.0% 91.4%	98,491,367 10,008,569	216,902,793 26,280,795	86.4% 85.3%
Interurban Transit A	308	480,240	0	0	2,111	480,240	150.6%	581,151	581,151	124.5%
Ionia, City of	3403	3,965,591	4,735,520	434,583	453	9,136,147	64.4%	3,555,508	8,726,064	67.5%
Ionia Community Libr Ionia County	3412 3408	152,811 1,699,777	70,623 496,321	$0 \\ 227,759$	0 26,974	223,434 2,450,831	87.0% 127.4%	169,025 1,815,620	239,648 2,566,674	81.2% 121.7%
Ionia County Ionia County Road Co	3408 3404	2,519,903	7,947,707	40,397	20,974	10,508,007	41.3%	2,826,276	10,814,380	40.1%
Ionia Housing Commis	3406	360,495	292,728	0	0	653,223	98.3%	402,063	694,791	92.4%
Iosco County	3501	6,449,593	7,190,086	1,147,153	5,495	14,792,327	90.8%	7,477,929	15,820,663	84.9%
Iosco County Road Co Iron County	3502 3606	2,956,189 7,536,287	2,351,952 6,750,427	46,619 753,070	8,829 54,426	5,363,589 15,094,210	92.2% 109.6%	3,613,550 9,079,562	6,020,950 16,637,485	82.1% 99.5%
Iron County Housing	3611	142,557	45,924	8,885	0	197,366	139.2%	153,073	207,882	132.2%
Iron County Road Com	3602	3,230,453	5,042,036	46,124	0	8,318,613	65.6%	4,197,449	9,285,609	58.8%
Iron Mntn-Kingsford	2205	308,802	52,875 7 045 463	20,715	446	382,838	97.0% 70.0%	341,710	415,746	89.4%
Iron Mountain, City Iron River, City of	2201 3601	2,039,640 2,551,960	7,045,463 2,022,076	112,076 50,346	0 468	9,197,179 4,624,850	70.9% 104.9%	2,190,448 3,112,144	9,347,987 5,185,034	69.8% 93.5%
Isabella Co. Transp.	3709	642,709	2,022,070	197,098	0	839,807	99.0%	743,681	940,779	88.3%
Isabella County	3703	12,929,501	10,854,186	2,044,278	11,280	25,839,245	102.7%	15,001,789	27,911,533	95.1%
Isabella County Rd C Ishpeming, City of	3702 5204	1,853,503 2,905,445	5,646,780 5,581,346	244,633 241,008	22,283 41,213	7,767,199 8,769,012	99.5% 84.6%	2,147,262 3,099,164	8,060,958 8,962,731	95.9% 82.8%
Ishpeming A J Wstwtr	5204 5207	2,903,443	38,434	241,008	12,194	358,755	145.9%	267,020	346,025	151.3%

			Term	ination Liab	ility					
<u>Municipality Name</u>	Number	Active	Retired	Deferred <u>Vested</u>	Pending <u>Refunds</u>	Total	Percent Funded	Active	Total	Percent Funded
Ishpeming Township	5216	436,099	263,499	0	0	<u>699,598</u>	85.8%	530,040	793,539	75.7%
Ithaca, City of	2904	940,021	2,252,597	154,183	137	3,346,938	83.9%	1,220,443	3,627,360	77.4%
Jackson, Cty Transpor	3805	1,583,224	499,353	296,269	10,895	2,389,741	115.5%	1,866,240	2,672,757	103.3%
Jackson District Lib	3802	1,168,037	1,712,335	461,912 0	21,761	3,364,045	154.6%	1,396,773	3,592,781	144.8%
Jordan Valley Distri Kalamazoo Lk, Sewer	1507 306	43,337 458,976	21,171 150,616	0 91,416	0 0	64,508 701,008	203.5% 99.0%	45,685 571,466	66,856 813,498	196.3% 85.3%
Kalamazoo Public Lib	3903	1,101,417	103,909	5,001	0	1,210,327	150.6%	1,225,746	1,334,656	136.6%
Kalkaska, Village of	4001	928,391	2,067,197	1,303	16,562	3,013,453	85.1%	868,865	2,953,927	86.8%
Kalkaska County	4003 4002	4,249,992 1,229,540	4,015,960 5,672,329	698,553 80,267	24,363 0	8,988,868	109.3% 68.8%	4,998,791	9,737,667 7,180,721	100.9% 66.9%
Kalkaska County Rd C Kalkaska Public Tran	4002 4004	1,229,340	920,247	243,490	4,770	6,982,136 1,306,501	08.8% 79.5%	1,428,125 150,908	1,319,415	78.7%
Keego Harbor, City o	6322	1,145,978	929,180	165,940	1,710	2,242,808	84.9%	1,408,078	2,504,908	76.0%
Kent County CMH Auth		6,226,228	2,027,675	591,355	13,458	8,858,716	174.5%	6,857,458	9,489,946	162.9%
Keweenaw County	4202	781,538	338,371	41,073	0 0	1,160,982	98.9% 01.0%	795,835	1,175,279	97.7%
Keweenaw County Rd C Kinde, Village of	4201 3209	2,017,161 3,243	2,398,454 178,047	$\begin{array}{c} 0\\ 0\end{array}$	0	4,415,615 181,290	91.9% 47.6%	2,674,973 3,243	5,073,427 181,290	80.0% 47.6%
Kingsford, City of	2202	2,200,856	1,644,397	19,877	485	3,865,615	110.3%	2,920,580	4,585,339	93.0%
L'Anse, Village of	705	1,569,513	1,760,791	61,779	0	3,392,083	79.6%	2,025,880	3,848,450	70.2%
Laingsburg, City of	7608 4301	76,764	0	9,671	2,133	88,568	183.4%	86,662	98,466 5 280 756	165.0%
Lake County Lake County Rd Commi	4301	3,178,608 2,114,878	1,317,409 4,128,839	275,688 191,146	9,750 0	4,781,455 6,434,863	121.5% 82.4%	3,686,909 2.628,769	5,289,756 6,948,754	109.8% 76.4%
Lakeland Library Coo	4106	358,714	111,393	0	5,746	475,853	133.8%	443,307	560,446	113.6%
Lake Linden, Village	3105	347,925	119,863	138,306	0	606,094	98.3%	404,117	662,286	89.9%
Lake Odessa, Village	3402	0	41,382	0	0	41,382	167.4%	0	41,382	167.4%
Lake Orion, Village Lakeshore Coordinati	6318 7007	1,001,099 247,522	2,445,349 371,843	50,490 18,226	4,534 0	3,501,472 637,591	87.8% 115.7%	1,300,984 265,771	3,801,357 655,840	80.8% 112.5%
Lansing Housing Comm	3311	2,635,674	2,257,284	403,567	0	5,296,525	125.3%	3,307,897	5,968,748	111.2%
Lapeer, City of	4401	5,502,520	5,434,501	439,246	0	11,376,267	98.0%	6,284,740	12,158,487	91.6%
Lapeer County	4403	25,060,365	19,045,287	2,946,990	56,860	47,109,502	117.9%	29,899,764	51,948,901	106.9%
Lapeer County Rd Com Lapeer District Libr	4402 4410	3,681,601 1,471,064	5,851,751 1,284,787	175,888 16,886	25,161 5,008	9,734,401 2,777,745	77.6% 83.1%	4,125,651 1,869,207	10,178,451 3,175,888	74.2% 72.6%
Lathrup Village, Cit	6311	1,426,470	3,322,223	148,337	57,240	4,954,270	106.0%	1,557,742	5,085,542	103.2%
Laurium, Village of	3104	379,524	753,525	23,955	0	1,157,004	81.6%	431,372	1,208,852	78.1%
Lawrence, Village of	8004	0	53,373	34,548	0	87,921	166.9%	0	87,921	166.9%
Leelanau County Leelanau County Rd C	4501 4503	6,543,092 1,761,652	3,829,730 1,202,323	747,077 212,045	2,506 10,939	11,122,405 3,186,959	91.2% 64.0%	7,436,031 2,076,436	12,015,344 3,501,743	84.4% 58.3%
Leoni Township	3804	1,956,966	1,663,436	220,982	15,428	3,856,812	109.7%	2,026,769	3,926,615	107.7%
Leslie, City of	3313	803,950	363,595	15,231	1,218	1,183,994	74.9%	1,087,488	1,467,532	60.4%
Leslie Township	3319	103,721	0	0	0	103,721	102.1%	111,651	111,651	94.8%
Lexington, Village o Library Network	7708 8218	807,706 1,822,853	217,586 1,495,141	0 704,487	0 20,047	1,025,292 4,042,528	92.5% 115.4%	1,033,314 2,174,875	1,250,900 4,394,550	75.9% 106.2%
Lima Township	8112	249,927	26,164	0	0	276,091	75.5%	271,343	297,507	70.1%
Litchfield, City of	3006	423,727	0	0	0	423,727	92.9%	485,167	485,167	81.1%
Livingston County	4703 4712	24,248,499	29,983,369	3,262,366	19,205 0	57,513,439 7,331,212	99.9%	27,451,673	60,716,613 8,194,990	94.6%
Livingston County CM Livingston County Rd	4701	4,639,252 6,346,445	1,639,387 5,239,397	1,052,573 833,208	0	12,419,050	128.5% 107.9%	5,503,030 7,515,342	13,587,947	114.9% 98.6%
LMAS Dist Hlth Depar	4803	1,308,763	2,583,564	1,954,547	664	5,847,538	122.9%	1,519,937	6,058,712	118.6%
Looking Glass Region	2311	24,209	0	582	0	24,791	168.0%	26,670	27,252	152.9%
Loutit District Libr Lowell, City of	7013 4104	353,476 3,983,324	320,289 3,031,892	0 391,426	520 0	674,285 7,406,642	119.1% 93.8%	414,782	735,591 8,109,985	109.2% 85.7%
Luce County	4104 4804	1,865,037	1,495,222	355,699	609	3,716,567	93.8% 69.3%	4,686,667 2,431,939	4,283,469	60.2%
Luce County Rd Commi		2,230,986	3,713,859	168,128	0	6,112,973	70.9%	2,803,401	6,685,388	64.8%
Ludington, City of	5302	2,888,291	9,117,290	898,595	0	12,904,176	93.5%	3,535,566	13,551,451	89.0%
Ludington-Mason Dist Luna Pier, City of	5303 5802	817,879 417,753	317,119 3,359,083	0 0	0 14,596	1,134,998 3,791,432	99.3% 69.1%	1,049,851 416,868	1,366,970 3,790,547	82.4% 69.1%
Lyons, Village of	3411	31,681	3,339,083	0	14,390	31,681	149.8%	36,487	36,487	130.0%
Mackinac Co. Housing	4905	22,446	314,060	0	0	336,506	67.6%	26,514	340,574	66.7%
Mackinac County	4901	4,724,609	2,940,194	847,202	3,636	8,515,641	100.2%	5,574,391	9,365,423	91.1%
Mackinac County Rd C	4903 4902	2,112,578	2,743,600 2,329,838	208,686 256,427	0 99,036	5,064,864 8,548,753	75.9% 108.6%	2,554,993	5,507,279	69.8% 96.6%
Mackinac Strts Hosp Madison Heights, Cit	4902 6308	5,863,452 7,723,184	15,834,640	1,125,852	15,113	24,698,789	108.0%	6,927,460 9,601,908	9,612,761 26,577,513	90.0% 95.5%
Madison Township	4605	222,343	178,030	56,681	0	457,054	108.0%	248,459	483,170	102.2%
Manistee, City of	5105	4,003,980	7,003,127	0	0	11,007,107	126.9%	4,092,336	11,095,463	125.9%
Manistee Cnty Rd Com	5103	2,450,610	4,965,059	368,004	0	7,783,673	55.5%	2,894,701	8,227,764	52.5%
Manistee County Manistee Housing Com	5101 5107	11,724,738 100,327	8,591,803 17,435	1,157,322 65,276	30,326 0	21,504,189 183,038	101.7% 173.6%	13,599,176 110,994	23,378,627 193,705	93.6% 164.1%
Manistique, City of	7504	2,395,626	5,604,240	1,397	0	8,001,263	64.5%	2,461,960	8,067,597	63.9%
Manlius Township	311	186,957	0	0	0	186,957	74.6%	222,074	222,074	62.8%
Manton, City of Marenisco Township	8304 2704	225,937 91,262	941,569 0	44,179 0	0 0	1,211,685 91,262	52.8% 79.9%	257,222 108,160	1,242,970 108,160	51.5% 67.4%
Marine City, City of	2704 7704	91,262 0	34,506	0	0	91,262 34,506	79.9% 168.4%	108,160	34,506	67.4% 168.4%
Marion, Village of	6704	182,907	214,139	12,118	0	409,164	83.5%	200,740	426,997	80.0%
Marlette, City of	7405	764,594	0	8,602	0	773,196	82.8%	887,452	896,054	71.4%
Marquette, City of Marquette Brd of Lig	5201 5209	9,471,023 6,904,009	20,417,407 19,311,231	939,087 372,592	19,010 34,851	30,846,527 26,622,683	87.4% 88.9%	10,899,208 7,511,255	32,274,712 27,229,929	83.5% 86.9%
Marquette Charter To	5209	683,195	53,449	70,188	0	806,832	79.0%	864,170	987,807	64.5%
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Present Value of Accrued Benefits									ination Liab	nation Liability			
Municipality Name	Number	Active	Retired	Deferred <u>Vested</u>	Pending <u>Refunds</u>	<u>Total</u>	Percent Funded	Active	Total	Percent Funded			
Marquette Cnty Trans	5206	961,912	686,810	62,742	0	1,711,464	108.3%	1,099,519	1,849,071	100.2%			
Marquette County	5200	20,884,000	32,321,527	2,581,300	138,298	55,925,125	82.9%	24,499,840	59,540,965	77.8%			
Marquette County Air	5210	760,154	1,270,010	30,401	0	2,060,565	68.9%	992,954	2,293,365	61.9%			
Marquette County Rd	5211	4,855,340	11,736,647	255,742	11,713	16,859,442	61.5%	5,882,078	17,886,180	57.9%			
Marquette Waste Mgmt Marshall, City of	5213 1306	420,144 6,670,711	235,453 13,207,901	247,460 559,437	3,579 50,020	906,636 20,488,069	88.3% 109.8%	503,882 7,917,053	990,374 21,734,411	80.8% 103.5%			
Marshall Area Fire/A	1313	46,752	13,207,901	0	2,357	49,109	140.5%	48,657	51,014	135.2%			
Marshall District Li	1309	0	276,340	0	0	276,340	89.7%	0	276,340	89.7%			
Mason, City of	3304	3,324,693	6,362,393	267,863	37,363	9,992,312	98.0%	4,392,048	11,059,667	88.5%			
Mason County Mason County Road Co	5301 5305	8,990,313 1,907,862	16,213,844 1,411,734	2,973,075 36,507	0 2,529	28,177,232 3,358,632	109.0% 80.0%	11,029,411 2,085,285	30,216,330 3,536,055	101.6% 76.0%			
Mason-Oceana Cty Enh	6403	394,966	86,970	0	15,920	497,856	143.1%	353,939	456,829	155.9%			
Mastodon Township	3613	0	48,176	0	0	48,176	107.7%	0	48,176	107.7%			
MBS International Ai	902	1,748,820	4,192,267	70,114	0	6,011,201	89.1%	2,111,376	6,373,757	84.0%			
Meceola Central Disp Mecosta County	5405 5403	453,955 8,132,804	147,511 8,758,443	100,895 2,152,247	0 16,625	702,361 19,060,119	126.6% 105.8%	507,539 9,470,818	755,945 20,398,133	117.6% 98.8%			
Mecosta County Mecosta County Gener	5404	0,132,804	4,692,966	3,177,417	10,025	7,870,383	112.1%	9,470,818	7,870,383	112.1%			
Mecosta County Rd Co	5401	2,780,055	3,530,271	135,060	4,286	6,449,672	113.3%	3,266,390	6,936,007	105.3%			
Melvindale, City of	8215	9,023,946	14,568,792	302,017	1,378	23,896,133	69.1%	8,784,971	23,657,158	69.8%			
Melvindale Housing C	8220	229,242	136,751	78,720	0	444,713	105.8%	227,522	442,993	106.2%			
Menominee, City of Menominee County	5501 5502	2,704,522 4,785,253	2,813,421 5,589,319	343,233 512,763	0 19,840	5,861,176 10,907,175	110.7% 96.3%	3,239,809 5,457,054	6,396,463 11,578,976	101.5% 90.8%			
Menominee County Rd	5502	1,479,785	1,264,205	0	15,840	2,743,990	85.7%	1,795,821	3.060.026	76.8%			
Meridian Charter Tow	3315	14,295,258	13,785,932	755,180	38,425	28,874,795	65.7%	11,813,817	26,393,354	71.9%			
Metamora Township	4409	218,470	0	0	0	218,470	143.8%	244,845	244,845	128.3%			
Mich. Grand River Wa	3306	0	14,831	0	0	14,831	88.3%	0	14,831	88.3%			
Mich S Cntrl Pwr Age Middleville, Village	3002 803	2,915,910 380,388	2,437,037 216,868	607,117 19,757	0 3,443	5,960,064 620,456	102.7% 139.5%	3,244,596 476,252	6,288,750 716,320	97.3% 120.8%			
Midland, City of	5601	21,561,763	62,167,801	2,896,248	74,474	86,700,286	87.8%	24,963,787	90,102,310	84.5%			
Midland Auth for Cen	5604	667,243	26,134	0	6,243	699,620	136.7%	657,393	689,770	138.7%			
Midland County Road	5602	2,897,248	7,140,481	56,770	406	10,094,905	83.4%	2,780,083	9,977,740	84.4%			
Mid Michigan Dist Hl	5901 8306	1,662,717 141,175	2,332,953	702,540	29,022 0	4,727,232	117.2%	1,799,938	4,864,453	113.9%			
Mid-Michigan Library Mid Peninsula Lbry C	3609	141,173	181,888 237,414	62,941 108,357	1,936	386,004 347,707	136.2% 87.3%	166,534 0	411,363 347,707	127.8% 87.3%			
Milan, City of	5801	2,119,526	5,629,813	478,038	1,550	8,227,377	76.6%	2,330,831	8,438,682	74.7%			
Milan Library	5806	89,976	151,023	0	0	240,999	85.6%	111,875	262,898	78.5%			
Milford, Village of	6313	3,057,809	3,726,143	293,301	84	7,077,337	89.4%	3,577,068	7,596,596	83.3%			
Millington, Village MI Mun Emplys Ret Sy	7904 2308	400,191 2,798,043	409,129 941,664	233,779 28,442	416 9,065	1,043,515 3,777,214	108.0% 119.1%	507,208 3,253,220	1,150,532 4,232,391	98.0% 106.3%			
MI Municipal Risk Mg	8237	229,394	0	20,442	),005 0	229,394	116.3%	283,569	283,569	94.1%			
Missaukee County	5702	1,868,439	504,741	83,707	2,559	2,459,446	86.9%	2,190,587	2,781,594	76.8%			
M O A Solid Waste Mg	6002	131,614	443,114	0	0	574,728	94.2%	107,549	550,663	98.3%			
Monroe Housing Commi Montague, City of	5808 6112	112,802 1,233,538	1,128,168 466,560	0 134,965	0 0	1,240,970 1,835,063	78.0% 112.7%	101,187 1,530,609	1,229,355 2,132,134	78.8% 97.0%			
Montcalm County Rd C	5905	2,233,966	8,006,897	134,903	0	10,382,825	83.4%	2,602,292	10,751,151	97.0% 80.6%			
Montmorency County	6001	2,330,191	4,090,762	374,828	770	6,796,551	71.2%	2,948,726	7,415,086	65.2%			
Montrose, City of	2509	215,457	304,560	234,472	0	754,489	55.6%	255,464	794,496	52.8%			
Mt. Morris, Township	2503	6,533,016	9,008,438	364,585	711	15,906,750	82.5%	5,806,410	15,180,144	86.4%			
Mt. Pleasant, City o Muir, Village of	3701 3405	6,759,759 116,033	7,725,742 244,816	793,483 0	55,689 0	15,334,673 360,849	104.1% 67.8%	8,286,600 136,806	16,861,514 381,622	94.7% 64.1%			
Mundy, Charter Townsh	2517	1,123,707	514,893	0	7,499	1,646,099	87.5%	1,077,922	1,600,314	90.0%			
Munising, City of	202	1,788,087	3,081,965	145,819	0	5,015,871	97.1%	2,052,534	5,280,318	92.2%			
Muskegon, City of	6116	11,970,648	40,751,293	1,942,091	7,989	54,672,021	116.4%	12,200,559	54,901,932	115.9%			
Muskegon County Muskegon County Rd C	6103 6101	65,166,834 3,498,414	64,653,025 14,081,067	9,940,933 432,838	236,367 0	139,997,159 18,012,319	107.5% 93.8%	79,672,762 3,875,728	154,503,087 18,389,633	97.4% 91.8%			
Muskegon Heights, Ci	6102	3,880,009	22,087,585	432,838 726,136	120,681	26,814,411	95.8% 100.6%	4,224,015	27,158,417	91.8% 99.3%			
Muskegon Heights Hou	6115	343,419	123,020	0	10,089	476,528	153.4%	448,750	581,859	125.6%			
Muskegon Housing Com		261,678	0	0	0	261,678	100.8%	329,008	329,008	80.2%			
Negaunee, City of	5203	2,283,314	5,334,888	93,539	0	7,711,741	88.5%	2,516,301	7,944,728	85.9%			
Negaunee Township NE Ottawa Dist Libra	5217 7011	155,612 48,433	0 128,004	0 0	0 0	155,612 176,437	65.9% 100.7%	189,850 51,682	189,850 179,686	54.0% 98.9%			
Newaygo County	6201	7,142,018	8,947,133	639,159	0	16,728,310	100.7%	8,419,011	18,005,303	98.9% 97.4%			
Newaygo Cty Mental H	6207	906,307	900,846	105,685	815	1,913,653	118.7%	1,164,107	2,171,453	104.6%			
Newaygo Medical Care	6204	2,602,173	4,491,629	475,423	124,338	7,693,563	117.8%	3,229,931	8,321,321	109.0%			
Newaygo Soil/Wtr C	6205 4802	13,691 873 054	0	25,949	4,624	44,264	153.8%	15,792	46,365	146.8%			
Newberry, Village of N Houghton Cnty Wtr	4802 3106	873,054 116,040	2,110,508 0	84,535 0	0 0	3,068,097 116,040	87.1% 149.9%	956,073 126,345	3,151,116 126,345	84.8% 137.7%			
Niles District Libra	1105	276,145	0	0	2,229	278,374	165.9%	349,259	351,488	137.7%			
N Muskegon, City of	6104	1,338,404	2,981,159	91,763	1,678	4,413,004	91.4%	1,511,160	4,585,760	87.9%			
No. Mich. Comm. Mntl	2403	0	39,267	0	0	39,267	150.0%	0	39,267	150.0%			
Northfield Township	8117 4502	348,854 0	0 641	0 0	$\begin{array}{c} 0\\ 0\end{array}$	348,854	115.1%	347,140 0	347,140	115.7%			
Northport, Village o Northville, City of	4502 8208	0 4,444,761	641 9,526,706	293,562	0	641 14,265,029	71.6% 76.5%	4,246,429	641 14,066,697	71.6% 77.6%			
Northville District	8229	753,716	340,789	130,206	0	1,224,711	97.7%	899,503	1,370,498	87.3%			
Northville Township	8230	5,601,083	2,742,444	0	0	8,343,527	96.0%	5,396,783	8,139,227	98.4%			
Northwestern Reg Arp	2805	1,857,936	436,235	137,246	0	2,431,417	103.3%	2,483,143	3,056,624	82.2%			

			Term	Termination Liability						
Municipality Name N	Number	Active	Retired	Deferred <u>Vested</u>	Pending <u>Refunds</u>	Total	Percent Funded	Active	Total	Percent Funded
Northwest MI Comm HA		1,812,428	1,485,252	428,769	0	3,726,449	105.9%	2,093,143	4,007,164	98.5%
Norton Shores, City	6106	8,195,083	15,974,589	236,207	15,488	24,421,367	75.2%	10,141,901	26,368,185	69.7%
Norway, City of	2204	2,109,630	9,585,964	0	4,214	11,699,808	70.0%	2,617,241	12,207,419	67.1%
Novi, City of N Dointe Robertional	6320 2207	17,715,013	21,542,333 1,223,900	2,424,603	87,497	41,769,446	92.9% 144.2%	18,031,603	42,086,036	92.2%
N Pointe Behavioral Nrthrn Lakes Comm MH	2207	2,750,414 6,296,254	1,223,900 8,792,279	972,778 1,490,211	44,512 0	4,991,604 16,578,744	144.2% 108.6%	3,275,633 7,198,087	5,516,823 17,480,577	130.5% 103.0%
Oceana County	6402	9,183,977	7,302,768	808,388	101,786	17,396,919	108.3%	11,293,713	19,506,655	96.6%
Oceola Township	4717	307,044	0	0	0	307,044	85.3%	338,736	338,736	77.3%
Ogemaw County	6502	6,836,906	7,055,878	960,523	30,467	14,883,774	109.2%	7,986,734	16,033,602	101.3%
Ogemaw County EMS Au Ogemaw County Rd Com		592,314 1,946,694	89,217 3,390,537	0 147,618	21,241 14,254	702,772 5,499,103	136.1% 84.5%	639,043 2,152,593	749,501 5.705.002	127.6% 81.4%
Olive Township	7009	129,254	86,220	0	0	215,474	110.3%	156,929	243,149	97.8%
Onaway, City of	7105	214,569	55,376	23,372	0	293,317	143.4%	213,941	292,689	143.7%
Ontonagon, Village o	6603	942,709 0	1,104,409	68,407 0	0 0	2,115,525	90.3% 75.7%	1,030,506	2,203,322	86.7%
Ontonagon Cnty Econ Ontonagon County	6605 6602	2,745,550	112,243 2,186,540	346,892	0	112,243 5,278,982	99.1%	0 3,601,045	112,243 6,134,477	75.7% 85.3%
Ontonagon County Rd	6604	5,849,615	6,123,606	84,714	0	12,057,935	67.0%	7,480,516	13,688,836	59.1%
Ontonagon Memorial H	6601	5,741,544	5,131,406	315,394	97,062	11,285,406	103.5%	6,720,065	12,263,927	95.2%
Orchard Lake, City o	6312	2,036,622	866,702	50,404	185	2,953,913	100.7%	2,598,405	3,515,696	84.6%
Osceola County Osceola County Rd Co	6701 6703	3,977,467 2,173,388	3,088,410 3,319,751	691,441 137.017	2,468 2,368	7,759,786 5,632,524	113.7% 95.3%	4,624,692 2,680,988	8,407,011 6,140,124	104.9% 87.4%
Oscoda Charter Towns	3503	1,306,659	696,434	100,467	1,019	2,104,579	95.6%	1,444,272	2,242,192	89.8%
Oscoda County	6801	2,330,565	2,866,007	898,409	6,075	6,101,056	90.8%	3,141,048	6,911,539	80.2%
Otisville, Village o	2506	310,150	340,069	30,247	0	680,466	106.6%	377,415	747,731	97.0%
Otsego County Otsego County Rd Com	6902 6901	6,228,682 3,132,061	5,605,532 3,150,162	1,346,325 91,933	7,925 0	13,188,464 6,374,156	89.7% 98.6%	7,496,649 3,986,698	14,456,431 7,228,793	81.9% 86.9%
Ottawa County	7003	52,848,839	44,156,701	8.141.963	265,107	105,412,610	110.4%	62,186,536	114,750,307	101.5%
Ottawa County Cntrl	7008	586,334	490,160	172,451	5,404	1,254,349	115.7%	724,921	1,392,936	104.2%
Ottawa County Rd Com	7002	10,590,998	20,794,599	218,385	810	31,604,792	98.5%	13,004,585	34,018,379	91.5%
Otter Lake, Village Owosso, City of	4408 7607	40,147 1,059,169	0 2,305,852	$\begin{array}{c} 0\\ 0\end{array}$	0 0	40,147 3,365,021	111.1% 108.8%	45,687 904,907	45,687 3,210,759	97.6% 114.1%
Oxford, Village of	6326	491,156	1,268,668	4,146	0	1,763,970	94.4%	495,703	1,768,517	94.2%
Oxford Public, Fire	6327	103,384	3,097,114	194,985	Ő	3,395,483	77.5%	91,759	3,383,858	77.7%
Parchment, City of	3901	1,024,333	854,385	21,286	18,079	1,918,083	113.5%	1,270,173	2,163,923	100.6%
Pathways(Spr.Bhvl.Mn	5214 8002	13,587,701	22,885,872	2,738,891	48,193 6,090	39,260,657	76.0%	16,070,237 2,020,972	41,743,193 5,079,147	71.5% 109.3%
Paw Paw, Village of Paw Paw Lk Reg Jnt S	1103	1,676,137 573,493	2,823,692 168,197	228,393 0	6,090 0	4,734,312 741,690	117.3% 121.5%	709,693	877,890	109.3% 102.7%
Pellston, Village of	2404	105,096	0	0	0	105,096	140.3%	94,035	94,035	156.8%
Pennfield Charter To	1312	565,950	500,085	0	0	1,066,035	88.5%	667,036	1,167,121	80.8%
Pentwater, Village o	6401 2909	392,483	546,812	119,710 0	10,442	1,069,447	99.3% 193.1%	498,039	1,175,003	90.4% 220.8%
Perrinton, Village o Petersburg, City of	2909 5807	11,840 79,572	$\begin{array}{c} 0\\ 0\end{array}$	0	3,018 0	14,858 79,572	195.1%	9,978 84,896	12,996 84,896	136.0%
Petoskey, City of	2402	5,735,273	7,414,879	726,720	0	13,876,872	101.1%	6,827,945	14,969,544	93.7%
Pewamo, Village of	3407	49,352	0	0	0	49,352	146.4%	51,978	51,978	139.0%
Pigeon, Village of	3203 4706	314,136	394,152	105,450	2,260 9,902	815,998	87.2%	368,408	870,270	81.8%
Pinckney, Village of Pinconning, City of	4708 904	743,964 464,686	411,853 989,938	16,402 74,775	9,902 9,952	1,182,121 1,539,351	111.1% 98.7%	872,753 584,420	1,310,910 1,659,085	100.2% 91.5%
Pittsfield Charter T	8110	5,195,742	2,370,170	936,965	127,393	8,630,270	104.5%	5,679,477	9,114,005	98.9%
Pleasant Ridge, City	6301	611,854	2,417,612	289,482	0	3,318,948	80.5%	697,545	3,404,639	78.5%
Plymouth, City of	8202	1,994,529	13,616,030	522,928	0 0	16,133,487	61.2%	2,367,030	16,505,988	59.8%
Plymouth District Li Plymouth Township	8221 8238	1,541,770 9,057,201	304,712 2,745,675	$\begin{array}{c} 0\\ 0\end{array}$	0	1,846,482 11,802,876	137.7% 95.6%	2,010,521 8,826,437	2,315,233 11,572,112	109.8% 97.5%
Port Austin, Village	3208	175,358	97,746	7,408	3,198	283,710	104.4%	218,919	327,271	90.5%
Port Austin Area Swr	3210	0	0	71,204	6,820	78,024	164.6%	0	78,024	164.6%
Port Huron, City of Port Huron Charter T	7702 7711	31,747,043 1,226,811	69,909,888 273,315	2,187,258 0	56,639 0	103,900,828 1,500,126	99.2% 92.8%	35,106,107 1,408,314	107,259,892 1,681,629	96.1% 82.8%
Portland, City of	3401	3,146,340	4,007,642	160,198	603	7,314,783	92.8% 90.8%	3,745,141	7,913,584	82.8% 83.9%
Port Sanilac, Villag	7403	285,024	128,123	41,897	4,150	459,194	74.8%	283,967	458,137	75.0%
Presque Isle Cnty Rd	7101	2,389,280	4,680,680	0	0	7,069,960	86.2%	3,197,684	7,878,364	77.4%
Presque Isle County	7104	3,125,970	2,501,146	248,270	8,504	5,883,890	110.9%	3,912,042	6,669,962	97.9%
PRIDE Youth Programs Ravenna, Village of	6210 6111	223,219 175,741	$\begin{array}{c} 0\\ 0\end{array}$	0 16,335	$\begin{array}{c} 0\\ 0\end{array}$	223,219 192,076	153.2% 140.4%	223,832 199,731	223,832 216,066	152.8% 124.8%
Reading, City of	3003	77,459	59,838	8,412	0	145,709	140.6%	85,417	153,667	133.3%
Redford Township	8209	10,662,628	20,577,675	1,132,184	5,994	32,378,481	98.7%	11,543,534	33,259,387	96.1%
Redford Twp Dist Lib Read City, City of	8228	393,088	850,881	3,909 304 487	0 760	1,247,878	113.1%	415,821	1,270,611	111.1%
Reed City, City of Richfield Township(G	6702 2514	1,392,432 1,277,178	1,686,942 389,670	304,487 6,952	769 0	3,384,630 1,673,800	86.5% 74.6%	1,779,984 1,456,701	3,772,182 1,853,323	77.6% 67.4%
Richfield Twp(Roscom	7202	185,068	1,409,083	69,263	9,743	1,673,157	72.3%	189,773	1,677,862	72.1%
Richland Township	7310	1,195,397	700,912	7,103	0	1,903,412	81.6%	1,348,230	2,056,245	75.5%
Rochester, City of	6307	6,497,196	5,335,229	225,335	0	12,057,760	109.2%	7,783,298	13,343,862	98.7%
Rockford, City of Rockwood, City of	4103 5810	1,372,878 684,045	1,034,835 308,622	558,028 0	0 0	2,965,741 992,667	106.8% 153.8%	1,466,917 861,653	3,059,780 1,170,275	103.5% 130.4%
Rogers City, City of	7102	2,344,503	4,479,685	110,307	3,431	6,937,926	86.0%	3,283,654	7,877,077	75.7%
Romeo, Village of	5005	2,015,389	1,148,572	359,134	0	3,523,095	101.9%	2,636,426	4,144,132	86.6%
Romeo District Libra	5006	446,847	1,044,929	241,517	6,191	1,739,484	77.3%	513,559	1,806,196	74.4%
Romulus, City of	8225	10,525,333	16,860,255	6,067	31,378	27,423,033	56.8%	5,776,007	22,673,707	68.7%

			Present	·	<b>Termination Liability</b>					
				Deferred	Pending		Percent			Percent
Municipality Name	<u>Number</u>	<u>Active</u>	<u>Retired</u>	Vested	<b>Refunds</b>	<u>Total</u>	<b>Funded</b>	<u>Active</u>	<u>Total</u>	<b>Funded</b>
Roosevelt Park, City	6107	853,186	1,724,856	349,111	0	2,927,153	98.4%	1,081,532	3,155,499	91.2%
Roscommon County	7201 7205	5,648,564	5,210,128	648,464	14,293	11,521,449	108.2% 105.7%	6,603,459	12,476,344	99.9% 02.0%
Roscommon County Tra Rose City, City of	6504	785,636 153,380	176,480 151,311	114,511 37,996	0 3,688	1,076,627 346,375	105.7% 149.9%	933,362 191,436	1,224,353 384,431	92.9% 135.0%
Rose Township	6506	30,552	30,386	0	0	60,938	388.1%	37,805	68,191	346.8%
Royal Oak Township	6306	447,817	2,035,285	68,075	48,278	2,599,455	199.4%	530,949	2,682,587	193.2%
Saginaw, City of	7301	16,706,400	107,567,605	2,135,051	133,683	126,542,739	59.3%	17,069,225	126,905,564	59.2%
Saginaw Cnty Comm MI Saginaw Co 911 Comm	H 7318 7316	3,366,337 2,405,834	8,259,602 3,542,591	1,457,176 321,872	618 0	13,083,733 6,270,297	83.8% 102.4%	4,024,338 2,851,256	13,741,734 6,715,719	79.7% 95.6%
Saginaw Co 911 Comm Saginaw County	7303	44,122,563	62,643,924	3,111,864	11,125	109,889,476	83.7%	53,586,533	119,353,446	93.0% 77.0%
Saginaw County Rd Co	7304	4,875,346	15,169,207	638,042	3,612	20,686,207	115.0%	5,243,998	21,054,859	113.0%
Saginaw Housing Comm		1,985,661	144,078	202,770	19,907	2,352,416	74.6%	2,346,271	2,713,026	64.7%
Saginaw Midland Mun	7305	727,955	1,964,283	0	11,134	2,703,372	90.9%	834,533	2,809,950	87.4%
Saginaw Public Libra	7317 7319	255,437 280,074	0 0	19,768 274,267	14,078 0	289,283	252.8% 174.1%	299,156 322,337	333,002 596,604	219.6% 161.8%
Saginaw Transit Syst Saginaw Twp Police D	7319	3,452,863	6,609,479	103,131	0	554,341 10,165,473	91.2%	3,583,875	10,296,485	90.0%
Saline, City of	8105	5,154,436	7,871,908	342,726	ů 0	13,369,070	84.5%	6,067,335	14,281,969	79.1%
Sandusky, City of	7402	1,494,260	866,272	68,760	19,111	2,448,403	55.7%	1,927,122	2,881,265	47.3%
Sandusky District Li	7404	57,233	0	31,512	0	88,745	127.5%	66,194	97,706	115.8%
Saranac Housing Comm		243,645	144,539	0	0	388,184	88.3%	282,308	426,847	80.3%
Saugatuck, City of Saugatuck Township	307 305	500,969 140,957	144,911 768,500	347,372 23,187	0 0	993,252 932,644	107.3% 68.9%	621,056 164,698	1,113,339 956,385	95.7% 67.1%
Sault Ste. Marie, Ci	1701	8,281,875	8,600,590	184,023	15,760	17,082,248	113.7%	9,656,410	18,456,783	105.3%
Sault Ste. Marie Hou	4906	746,426	0,000,000	0	0	746,426	129.8%	887,952	887,952	109.2%
Schoolcraft County	7503	7,457,110	8,251,897	595,327	41,762	16,346,096	97.8%	9,275,180	18,164,166	88.0%
Schoolcraft County R	7501	2,501,286	6,623,289	46,237	0	9,170,812	72.6%	3,101,263	9,770,789	68.2%
Schoolcraft Memorial	7505	4,562,505	7,209,929	829,511 0	23,872 0	12,625,817	104.0%	5,577,904	13,641,216	96.3%
Scio Townshio S Clinton Co Mun Uti	8116 1905	68,745 998,102	0 144,450	119,204	23,399	68,745 1,285,155	130.5% 158.6%	74,694 1,158,136	74,694 1,445,189	120.1% 141.0%
Sebewaing, Village o	3205	1,754,608	2,937,119	88,652	2,224	4,782,603	90.5%	2,081,877	5,109,872	84.7%
SE Oakland Co Resrc	6310	608,174	3,455,399	184,790	0	4,248,363	103.5%	721,048	4,361,237	100.8%
SE Oakland Co Water	6309	2,436,886	3,197,389	20,267	0	5,654,542	86.4%	2,912,732	6,130,388	79.7%
Shepherd, Village of	3704	34,459	103,301	35,338	663	173,761	224.7%	35,285	174,587	223.6%
Shiawassee Council o Shiawassee County	7605 7602	340,341 23,861,870	91,129 36,059,646	0 4,560,232	0 12,603	431,470 64,494,351	103.2% 81.2%	402,316 28,977,587	493,445 69,610,068	90.2% 75.2%
Shiawassee County CM	7602	2,569,284	2,509,089	950,369	12,005	6,028,742	124.6%	3,052,943	6,512,401	115.3%
Shiawassee County Rd	7601	2,721,589	10,262,687	127,195	778	13,112,249	85.0%	2,878,093	13,268,753	84.0%
Shiawassee District	7606	769,455	214,561	24,425	0	1,008,441	138.9%	955,044	1,194,030	117.3%
Sims Whitney Utiliti	606	87,789	0	18,296	0	106,085	108.8%	106,603	124,899	92.4%
SMART	8216 8210	61,871,291	54,074,390	7,782,806	114,105 0	123,842,592	107.0%	75,008,972	136,980,273	96.8%
Southeast MI Council South Haven, City of	8210	7,307,765 4,986,849	7,521,535 9,910,867	1,625,782 114,518	4,605	16,455,082 15,016,839	150.6% 136.3%	9,117,520 5,485,918	18,264,837 15,515,908	135.6% 131.9%
South Haven Emer Ser	8005	1,843,535	278,511	0	4,005	2,122,046	113.5%	2,215,744	2,494,255	96.6%
South Lyon, City of	6315	3,210,830	1,866,360	65,741	14,015	5,156,946	109.5%	3,940,019	5,886,135	95.9%
Sparta, Village of	4107	1,318,666	1,163,071	28,107	4,840	2,514,684	67.1%	1,456,353	2,652,371	63.6%
Springfield, City of	1303 7016	2,067,907 542,420	4,494,764 0	115,090 0	18,775 0	6,696,536	110.4% 137.5%	1,950,265 708,727	6,578,894 708,727	112.3% 105.2%
Spring Lake District St. Charles, Village	7308	1,119,118	760,374	108,565	0	542,420 1,988,057	89.1%	1,491,968	2,360,907	75.1%
St. Clair, City of	7703	5,890,393	4,447,278	247,190	0	10,584,861	94.4%	7,189,708	11,884,176	84.1%
St. Clair Area Fire	7710	2,909	0	0	0	2,909	0.0%	2,683	2,683	0.0%
St. Ignace, City of	4904	2,915,894	2,083,766	165,083	0	5,164,743	97.2%	3,598,799	5,847,648	85.8%
St. Johns, City of	1902	3,982,624	7,028,350	295,209	89	11,306,272	80.1%	4,839,288	12,162,936	74.4%
St. Louis, City of Stambaugh Township	2902 3615	1,471,282 13,837	4,127,786 51,416	188,754 0	467 0	5,788,289 65,253	93.2% 91.9%	1,899,177 14,504	6,216,184 65,920	86.8% 91.0%
Standish, City of	601	890,170	899,507	164,428	0	1,954,105	71.8%	1,162,614	2,226,549	63.0%
Stanton, City of	5903	0	9,247	55,189	Ő	64,436	150.6%	0	64,436	150.6%
St Clair Shores Hous	5007	398,267	840,470	51,813	0	1,290,550	80.7%	472,683	1,364,966	76.3%
Stephenson, City of	5504	75,865	77,222	0	0	153,087	62.2%	81,190	158,412	60.1%
Sterling, Village of	605 7803	25,569 3,988,339	48,856 3,751,870	0 211,421	0 4,547	74,425 7,956,177	287.7% 113.5%	25,569 3,625,976	74,425 7,593,814	287.7% 118.9%
St Joseph County St Louis Housing Com	2908	237,673	3,731,870	211,421	4,547	237,673	111.2%	251,186	251,186	105.2%
Stockbridge, Village	3316	56,217	345,678	6,829	11,403	420,127	51.0%	46,032	409,942	52.3%
Summit Township	3803	2,367,124	3,979,404	42,793	0	6,389,321	92.9%	2,872,213	6,894,410	86.1%
Sumpter Township	8226	821,328	870,377	0	11,393	1,703,098	80.4%	848,363	1,730,133	79.1%
Superior Charter Tow	8109	1,540,593	1,054,335	0 286	470	2,595,398	94.2%	1,677,810	2,732,615	89.4%
Superiorland Lbry Co Swan Creek Township	5208 7309	457,897 345,770	0 34,226	9,386 0	0 0	467,283 379,996	143.5% 79.4%	552,467 430,862	561,853 465,088	119.3% 64.8%
Swartz Creek, City o	2504	1,843,146	5,420,492	65,770	2,112	7,331,520	79.4% 97.5%	2,413,584	7,901,958	90.4%
Sylvan Lake, City of	6314	457,496	934,881	11,045	13,731	1,417,153	110.0%	547,885	1,507,542	103.4%
Tawas Police Authori	3504	413,345	212,533	25,144	0	651,022	61.9%	466,525	704,202	57.2%
Taylor Housing Comm	8231	96,749	0	0	0	96,749	146.1%	120,517	120,517	117.3%
Thirty-Fifth Distric	8234 8235	1,613,564	1,048,106	0 48.066	12,006	2,673,676	95.6% 92.1%	1,921,468	2,981,580	85.7% 78.7%
Thirty-Fourth Distri Three Rivers, City o	8235 7801	2,061,345 4,523,243	387,403 4,396,872	48,066 213,458	256 21,239	2,497,070 9,154,812	92.1% 107.1%	2,486,152 5,742,820	2,921,877 10,374,389	78.7% 94.5%
Three Rivers Hospita	7802	4,525,245	12,681	0	0	12,681	109.8%	0	12,681	109.8%
Traverse Area Dist L	2807	2,140,829	626,947	29,929	0	2,797,705	87.6%	2,658,668	3,315,544	73.9%

Present Value of Accrued Benefits									nination Liab	oility
<u>Municipality Name</u>	Number	<u>r Active</u>	<u>Retired</u>	Deferred <u>Vested</u>	Pending <u>Refunds</u>	<u>Total</u>	Percent <u>Funded</u>	<u>Active</u>	<u>Total</u>	Percent <u>Funded</u>
Traverse City, City	2801	17,146,718	21,626,718	1,376,096	0	40,149,532	93.8%	20,161,152	43,163,966	87.2%
Trenton, City of	8203	8,830,678	27,998,647	48,411	0	36,877,736	81.4%	10,192,688	38,239,746	78.5%
Tri-County Aging Con	3307	1,833,781	1,715,455	305,093	332	3,854,661	146.0%	2,148,391	4,169,271	135.0%
Trio Council on Agin	6507	0	198,670	43,332	0	242,002	122.7%	0	242,002	122.7%
Tuscarora Twp Pol Dp	1604	365,457	220,963	0	3,774	590,194	91.0%	422,124	646,861	83.0%
Tuscola Co Comm Mntl Tuscola Co Hlth Dpt	7907 7901	2,639,533 2,547,070	2,643,714 1,818,011	1,393,885 159,507	104,392 23,607	6,781,524 4,548,195	132.2% 120.7%	3,085,996 3,267,581	7,227,987 5,268,706	124.0% 104.2%
Tuscola Co Med Care	7906	2,650,885	2,991,348	993,276	110,632	6,746,141	144.2%	3,085,068	7,180,324	135.5%
Tuscola County	7902	9,442,724	7,362,261	408,260	35,284	17,248,529	116.7%	11,509,901	19,315,706	104.2%
Tuscola County Road	7908	916,740	1,941,001	16,445	5,203	2,879,389	81.1%	1,095,791	3,058,440	76.4%
Twenty Sixth Jud Cir	403	1,012,104	356,192	400,576	0	1,768,872	143.6%	1,191,901	1,948,669	130.4%
Twenty Third Judicia	8223	978,796	501,194	36,335	0	1,516,325	136.3%	1,111,945	1,649,474	125.3%
Twin Cities Pub Sfty	3610	0	17,159	63,502	0	80,661	122.0%	0	80,661	122.0%
Ubly, Village of	3212 5008	118,078	374,454 1,131,746	0 0	0	492,532 2,470,767	72.5% 91.0%	133,601	508,055 2,733,853	70.2% 82.2%
Utica, City of Van Buren County	3008 8006	1,319,417 9,789,333	3,074,995	255,749	19,604 122,110	13,242,187	91.0% 80.5%	1,582,503 11,862,390	2,755,855	82.2% 69.6%
Van Buren District L	8007	700,526	0	22,802	15,525	738,853	89.2%	847,774	886,101	74.3%
Van Buren Township	8236	3,828,659	Ő	0	437	3,829,096	96.4%	4,452,966	4,453,403	82.9%
Vassar, City of	7903	1,456,371	2,533,500	107,039	0	4,096,910	101.6%	1,649,143	4,289,682	97.1%
Vevay Township	3318	284,925	0	0	0	284,925	69.2%	350,496	350,496	56.2%
Vicksburg, Village o	3902	487,837	932,964	99,002	0	1,519,803	88.4%	496,056	1,528,022	88.0%
Vicksburg District L	3904	28,998	29,774	0	0	58,772	81.8%	41,919	71,693	67.0%
Vienna Township	2522	448,679	0	0	4,948	453,627	108.7%	529,937	534,885	92.2%
Village of Bancroft Village of Bingham F	7610 6332	560 78,372	81,756 0	0	0	82,316 78,372	48.6% 82.7%	565	82,321 98,430	48.6% 65.8%
Village of Farwell	1805	183,367	0	0	0	183,367	82.7% 77.6%	98,430 212,484	212,484	66.9%
Village of Mackinaw	1605	276,571	0	0	0	276,571	134.7%	338,274	338,274	110.2%
Village of Spring La	7015	1,241,123	424,046	Ő	2,703	1,667,872	89.0%	1,360,235	1,786,984	83.1%
Wakefield, City of	2701	1,107,857	2,054,751	0	819	3,163,427	97.9%	1,312,874	3,368,444	92.0%
Walker, City of	4112	4,039,943	8,157,799	0	0	12,197,742	72.0%	4,582,706	12,740,505	68.9%
Walled Lake, City of	6324	2,893,439	4,914,066	274,190	47,613	8,129,308	41.4%	3,359,911	8,595,780	39.1%
Washtenaw County Rd	8102	12,683,729	16,150,253	659,988	64,600	29,558,570	95.7%	14,609,780	31,484,621	89.9%
Washtenaw County She	8113 304	14,216,286	1,753,714	1,030,171 789,248	235,259 9,298	17,235,430 2,890,801	139.6% 102.8%	10,906,983	13,926,127	172.8% 89.0%
Wayland, City of Webberville, Village	304	1,587,288 44,334	504,967 128,064	38,976	9,298 881	2,890,801 212,255	44.6%	2,034,419 48,660	3,337,932 216,581	89.0% 43.7%
West Branch, City of	6505	1,473,853	890,069	158,075	0	2,521,997	106.0%	1,875,110	2,923,254	91.5%
West Iron Co Sewer A	3612	227,027	495,213	0	Ő	722,240	78.4%	274,920	770,133	73.5%
Westland, City of	8211	21,931,125	54,074,725	1,989,967	0	77,995,817	67.2%	21,339,886	77,404,578	67.7%
Westphalia, Village	1907	232,256	24,335	0	0	256,591	108.6%	268,548	292,883	95.2%
Wexford County	8302	7,215,732	6,888,740	854,195	15,510	14,974,177	91.9%	8,985,604	16,744,049	82.2%
Wexford County Rd Co	8303	1,981,956	5,986,249	87,890	5,025	8,061,120	81.5%	2,098,455	8,177,619	80.4%
White Cloud, City of	6206	236,721	114,808	109,153	0 0	460,682	87.0%	289,687	513,648	78.0%
White Cloud/Sherman White Cloud Comm Lib	6211 6208	58,443 227,506	0	0 16,813	0	58,443 244,319	110.9% 93.1%	60,705 267,461	60,705 284,274	106.7% 80.0%
Whitehall, City of	6105	1,575,793	1,466,175	128,041	0	3,170,009	107.1%	1,998,534	3,592,750	94.5%
White Lake Charter T	6325	5,860,994	4,181,679	297,549	44,004	10,384,226	111.2%	6,560,603	11,083,835	104.2%
White Pigeon Village	7804	14,643	0	0	0	14,643	151.2%	17,224	17,224	128.5%
White Pine Library	5904	54,433	103,866	0	0	158,299	71.6%	64,903	168,769	67.2%
Willard Public Libra	1308	448,228	0	24,393	9,872	482,493	165.4%	538,789	573,054	139.3%
Williamston, City of	3310	671,947	2,276,554	72,209	6,926	3,027,636	77.7%	714,782	3,070,471	76.6%
Wixom, City of	6316	6,764,714	6,177,469	465,270	33,059	13,440,512	86.7%	7,481,622	14,157,420	82.3%
W MI Comm Mntl Hlth W MI Shoreline Reg D	5304 6110	1,011,584 1,252,000	2,507,028 566,949	133,075 125,084	31,158 0	3,682,845 1,944,033	126.3% 175.7%	1,297,835 1,649,380	3,969,096 2,341,413	117.2% 145.9%
Wolverine Lake, Vill	6329	488,367	1,148,668	39,919	0	1,676,954	59.4%	583,713	1,772,300	56.2%
W UP Dist Hlth Dept	3101	2,980,738	2,835,315	955,533	ů 0	6,771,586	107.6%	3,469,494	7,260,342	100.4%
WUPPDR	3108	557,613	0	0	0	557,613	121.1%	557,611	557,611	121.1%
Ypsilanti, City of	8101	2,116,222	7,518,042	201,485	113,971	9,949,720	169.0%	2,506,049	10,339,547	162.6%
Ypsilanti, Township	8104	5,178,802	4,948,906	404,816	50,179	10,582,703	108.6%	6,162,152	11,566,053	99.4%
Ypsilanti Comm Util	8106	11,134,825	14,652,436	1,034,618	8,719	26,830,598	92.6%	12,200,546	27,896,319	89.1%
Ypsilanti Housing Co	8115	196,021	216,864	22,577	8,293	443,755	98.2%	264,156	511,890	85.1%
Totals - Active Groups Totals - Closed Groups	650 18	2,313,845,847 0	3,303,149,003 11,368,718	256,420,071 5,938,489	9,618,666 8,296	5,883,033,587 17,315,503	93.0% 118.3%	2,657,746,761 0	6,226,934,501 17,315,503	87.9% 118.3%
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Totals - MERS	668	2,313,845,847	3,314,517,721	262,358,560	9,626,962	5,900,349,090	93.1%	2,657,746,761	6,244,250,004	88.0%