Michigan Public School Employees' Retirement System

A Fiduciary Component Unit of the State of Michigan

Schedules of Employer Pension and Other Postemployment Benefit Allocations and Schedules of Collective Pension and Other Postemployment Benefit Amounts for Fiscal Year Ended September 30, 2024



Prepared by

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Doug A. Ringler, CPA, CIA Auditor General

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Independent Auditor's Report

Timothy Raymer, Chair
Michigan Public School Employees' Retirement System Board
Stevens T. Mason Building
and
Michelle Lange, Director
Department of Technology, Management, and Budget
Elliott-Larsen Building
and
Anthony J. Estell, Director
Office of Retirement Services
Stevens T. Mason Building
Lansing, Michigan

Report on the Audit of the Schedules

Opinions

We have audited the schedule of employer allocations - non-university employers and the schedule of employer allocations - university employers of the Michigan Public School Employees' Retirement System (System) as of and for the fiscal year ended September 30, 2024 and the related notes. We have also audited the respective totals for non-universities and universities for the following columns, hereafter referred to as the specified column totals:

- September 30, 2024 net pension liability, total deferred outflows of resources excluding employer-specific amounts, total deferred inflows of resources excluding employer-specific amounts, and pension expense excluding that attributable to employer-paid member contributions included in the accompanying schedule of collective pension amounts as of and for the fiscal year ended September 30, 2024 and the related notes.
- September 30, 2024 net OPEB liability, total deferred outflows of resources excluding employer-specific amounts, total deferred inflows of resources excluding employer-specific amounts, and OPEB expense excluding that attributable to employer-paid member contributions included in the accompanying schedule of collective other postemployment benefit (OPEB) amounts as of and for the fiscal year ended September 30, 2024 and the related notes.

In our opinion, the accompanying schedules referred to in the first paragraph present fairly, in all material respects, the non-university employers' and university employers' pension and OPEB allocations and the respective non-universities' and universities' specified column totals included in the schedule of collective pension amounts and the schedule of collective other postemployment benefit (OPEB) amounts as of and for the fiscal year ended September 30, 2024 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Schedules section of our report. We are required to be independent of the System and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.





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Responsibilities of Management for the Schedules

Management is responsible for the preparation and fair presentation of these schedules in accordance with accounting principles generally accepted in the United States of America and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedules that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibilities for the Audit of the Schedules

Our objectives are to obtain reasonable assurance about whether the schedule of employer allocations - non-university employers, the schedule of employer allocations - university employers, and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the schedule of employer allocations - non-university employers, the schedule of employer allocations - university employers, and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the schedule of employer allocations non-university employers, the schedule of employer allocations university employers, and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the schedule of employer allocations non-university employers, the schedule of employer allocations university employers, and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts.
- Obtain an understanding of internal control relevant to the audit in order to design audit
 procedures that are appropriate in the circumstances, but not for the purpose of expressing an
 opinion on the effectiveness of the System's internal control. Accordingly, no such opinion is
 expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant
 accounting estimates made by management, as well as evaluate the overall presentation of the
 schedule of employer allocations non-university employers, the schedule of employer
 allocations university employers, and the specified column totals included in the schedule of
 collective pension amounts and the schedule of collective OPEB amounts.





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We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter

We have audited, in accordance with GAAS and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the System as of and for the fiscal year ended September 30, 2024, and our report thereon, dated February 27, 2025, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of the Michigan Public School Employees' Retirement System Board, the Department of Technology, Management, and Budget, the Office of Retirement Services, and the System's participating employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

Doug Ringler Auditor General July 1, 2025

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
*5880	Detroit Public Schools	\$ -		\$ -	
5890	Detroit Public Schools Community District	173,077,524	0.0413976614	34,094,484	0.0410180809
5900	Alcona Community Schools	1,766,205	0.0004224508	352,647	0.0004242589
5930	Autrain-Onota Public Schools	163,590	0.0000391284	32,772	0.0000394265
5950	Burt Township School District	235,911	0.0000564265	47,662	0.0000573407
5980	Munising Public Schools	1,687,867	0.0004037136	333,499	0.0004012229
5990	Superior Central School District	841,487	0.0002012716	169,267	0.0002036407
6000	Allegan Area Educational Service Agency	4,956,395	0.0011854985	997,182	0.0011996812
6370	Glenn-Ganges School District #4	138,514	0.0000331305	26,942	0.0000324134
7000	Allegan Public Schools	5,962,532	0.0014261521	1,174,453	0.0014129504
7020	Plainwell Community Schools	6,202,031	0.0014834368	1,214,968	0.0014616926
7030	Hopkins Public Schools	3,786,206	0.0009056062	745,876	0.0008973413
7040	Fennville Public Schools	3,361,603	0.0008040473	667,391	0.0008029188
7050	Martin Public Schools	1,461,835	0.0003496500	283,986	0.0003416552
7060	Otsego Public Schools	6,119,832	0.0014637759	1,239,957	0.0014917558
7070	Saugatuck Public Schools	2,190,480	0.0005239314	435,123	0.0005234839
7080	Wayland Union Schools	7,409,638	0.0017722791	1,477,080	0.0017770325
7090	Alpena-Montmorency-Alcona ESD	2,066,677	0.0004943194	415,108	0.0004994044
7120	Alpena Public Schools	8,585,250	0.0020534688	1,702,438	0.0020481530
7210	Ellsworth Community School	609,880	0.0001458744	127,295	0.0001531445
7220	Central Lake-Antrim Co Public Schools	698,329	0.0001670303	138,275	0.0001663551
7230	Alba Public Schools	232,404	0.0000555876	46,279	0.0000556767
7240	Elk Rapids Schools	2,754,859	0.0006589228	545,249	0.0006559734
7250	Bellaire Public Schools	938,630	0.0002245069	187,594	0.0002256889
7270	Mancelona Public Schools	2,003,728	0.0004792629	398,960	0.0004799772
*7470	Arenac-Eastern High School	-	-	-	-
7480	Au Gres-Sims School District	960,625	0.0002297677	180,894	0.0002176280
7520	Arvon Township Schools	89,152	0.0000213238	18,887	0.0000227222
7540	Baraga Township Schools	1,121,044	0.0002681375	227,636	0.0002738623
7560	L'anse Public Schools	1,489,368	0.0003562356	293,611	0.0003532353
7570	Barry Intermediate School District	1,373,770	0.0003285861	280,006	0.0003368669
7980	Delton-Kellogg Schools	2,754,712	0.0006588877	534,064	0.0006425173
8000	Hastings Area School District	6,213,134	0.0014860924	1,255,332	0.0015102535
8020	Thornapple-Kellogg Schools	8,567,167	0.0020491434	1,707,357	0.0020540713
8040	Bay-Arenac Intermediate School District	8,345,251	0.0019960642	1,663,287	0.0020010525
8630	Bangor Township Schools	5,369,924	0.0012844089	1,078,127	0.0012970626
8640	Bay City Public Schools	17,521,911	0.0041909899	3,426,720	0.0041225868

^{*}Employer had no statutorily required contributions. See Note 2. The accompanying notes are an integral part of this schedule.

		Total Required		Total Required	
F		Pension	Pension	OPEB	OPEB
Employer Number	Employer Name	Employer Contributions	Proportionate Share	Employer Contributions	Proportionate Share
8650	Essexville-Hampton Public Schools	3,267,896	0.0007816340	635,586	0.0007646553
8680	Pinconning Area Schools	2,781,467	0.0006652869	557,768	0.0006710344
8830	Berrien Regional Educational Service Agency	8,186,868	0.0019581815	1,697,959	0.0020427650
9250	Riverside-Hager School District #6	163,511	0.0000391095	33,025	0.0000397318
9600	River School	157,248	0.0000376115	31,698	0.0000381355
9720	Buchanan Community Schools	3,508,942	0.0008392885	698,096	0.0008398589
9760	Bridgman Public Schools	2,774,175	0.0006635429	546,421	0.0006573836
9780	New Buffalo Area Schools	2,979,319	0.0007126105	597,307	0.0007186030
9790	Niles Public Schools	7,125,025	0.0017042037	1,394,379	0.0016775368
9800	Brandywine Public Schools	3,095,993	0.0007405172	631,519	0.0007597626
9810	Berrien Springs Public Schools	10,426,472	0.0024938625	2,086,757	0.0025105160
9820	Eau Claire Public Schools	1,770,763	0.0004235411	347,239	0.0004177535
9830	St Joseph Public Schools	6,827,089	0.0016329418	1,349,570	0.0016236286
9850	Watervliet Public Schools	3,757,332	0.0008986999	748,909	0.0009009907
9870	Branch County Intermediate School District	5,883,107	0.0014071549	1,247,931	0.0015013496
10150	Bronson Community School	2,332,281	0.0005578481	469,313	0.0005646166
10160	Coldwater Community Schools	6,121,326	0.0014641334	1,215,801	0.0014626943
10180	Quincy Community Schools	2,444,704	0.0005847382	478,199	0.0005753077
10190	Union City Community Schools	2,662,883	0.0006369234	526,016	0.0006328344
10200	Calhoun County Intermediate School District	11,028,654	0.0026378958	2,149,882	0.0025864609
10800	Athens Area Schools	1,180,211	0.0002822895	235,844	0.0002837371
10810	Battle Creek Public Schools	10,359,938	0.0024779485	2,195,019	0.0026407640
10820	Lakeview School District	9,609,458	0.0022984445	1,906,445	0.0022935887
10860	Harper Creek Community Schools	7,290,401	0.0017437593	1,433,435	0.0017245239
10880	Homer Community Schools	2,342,672	0.0005603334	455,934	0.0005485212
10890	Marshall Public Schools	6,866,184	0.0016422928	1,363,183	0.0016400059
10900	Pennfield Schools	4,910,408	0.0011744993	967,837	0.0011643763
10910	Tekonsha Community Schools	499,215	0.0001194051	96,057	0.0001155636
11410	Dowagiac-Union School District	4,546,280	0.0010874049	877,281	0.0010554307
11430	Cassopolis Public Schools	2,071,211	0.0004954039	404,999	0.0004872420
11440	Marcellus Community Schools	1,615,067	0.0003863009	300,647	0.0003617002
11450	Edwardsburg Public Schools	5,441,039	0.0013014185	1,074,248	0.0012923967
11470	Heritage Southwest Intermediate School District	3,291,873	0.0007873688	685,558	0.0008247747
11560	Beaver Island Community School	425,836	0.0001018538	80,206	0.0000964937
11570	Boyne Falls Public Schools	728,163	0.0001741662	148,365	0.0001784933
11580	Charlevoix Public Schools	2,543,576	0.0006083868	509,693	0.0006131965
11620	Cheboygan-Otsego-Presque Isle ESD	2,631,024	0.0006293031	504,586	0.0006070533

Employer			Total Required	B t	Total Required	OPER
Number	Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
1810 Inland Lakes Schools		Employer Name		•		-
11830 Wolverine Community Schools						0.0003532344
11840 Eastern U P Intermediate School District 3,423,402 0.0008188286 688,440 0.00008282420 11930 Detour Area Schools 814,905 0.0001949135 162,778 0.0001958334 11950 Pickford Public Schools 1,660,094 0.0002535592 212,225 0.0002553219 11970 Rudyard Public Schools 1,677,737 0.0004012906 341,375 0.0004106984 12000 Brimley Public Schools 1,572,121 0.0003760299 315,446 0.0003796037 12010 Whitefish Township Schools 253,873 0.0000607228 51,354 0.000617823 12020 Clare-Gladwin Intermediate School District 3,542,201 0.0008472437 690,354 0.0006378448 12230 Clare Public Schools 3,560,243 0.0008155591 705,316 0.0008485453 12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,529,615 0.000628661 519,727 0.00062825881 12260 Clinton County Intermedi	11820	Mackinaw City Public Schools	581,693	0.0001391327	112,703	0.0001355895
11930 Detour Area Schools 814,905 0.0001949135 162,778 0.0001958334 11950 Pickford Public Schools 1,060,094 0.0002535592 212,225 0.0002553219 11970 Rudyard Public Schools 1,677,737 0.0004012906 314,375 0.0004106984 11980 Sault Ste Marie Public Schools 4,384,987 0.0010488259 889,457 0.00107008035 12000 Brimley Public Schools 1,572,121 0.0003760289 315,446 0.0003795037 12010 Whitefish Township Schools 253,873 0.0000607228 51,354 0.0000617823 12020 Clare-Gladwin Intermediate School District 3,542,201 0.0008472437 690,354 0.0008305448 12230 Clare Public Schools 3,360,243 0.0008515591 690,354 0.0008485453 12240 Harrison Community Schools 2,989,341 0.0007190076 564,999 0.000687433 12250 Farwell Area Schools 2,599,615 0.0006298661 519,727 0.000625681 12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010510448 12393 Bath Community Schools 2,597,995 0.0006214032 40,4233 0.0005945977 12940 St.Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894141 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12880 Dewitt Public Schools 1,884,178 0.001428312 31303 0.0002562942 12890 Dewitt Public Schools 1,884,178 0.00103997 997,995 0.0012005691 13170 Gladstone Area Schools 641,752 0.001534979 124,039 0.0001490274 1320 Dickinson-Iron Intermediate School District 2,639,733 0.000631863 30,000631863 13310 Escanaba Area Public Schools 641,752 0.001534979 124,039 0.0001490274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.000631863 30,000631863 13310 Escanaba Area Public Schools 4,412,479 0.0010534979 124,039 0.0001490373 13310 Escanaba Area Public Schools 1,664,774 0.0003981900 326,635 0.000399654 13310 Cannon Regional Education Service Agency 5,079,366	11830	Wolverine Community Schools	641,872	0.0001535266	130,028	0.0001564329
11950 Pickford Public Schools 1,060,094 0,0002535592 212,225 0,0002553219 11970 Rudyard Public Schools 1,677,737 0,0004102906 341,375 0,0004106984 11980 Sault Ste Marie Public Schools 4,384,987 0,0010488259 889,457 0,0001700803 12000 Brimley Public Schools 1,572,121 0,0003760289 315,446 0,0003795037 12010 Whitefish Township Schools 253,873 0,000067228 51,354 0,0000617823 12020 Clare-Gladwin Intermediate School District 3,542,201 0,000847437 690,354 0,0008485453 12240 Harrison Community Schools 2,989,341 0,0007150076 564,996 0,0006278281 12250 Farwell Area Schools 2,629,615 0,0006289661 519,727 0,0006258611 12250 Clinton Countly Intermediate School District 4,272,109 0,001218273 873,635 0,001051048 12930 Bath Community Schools 2,597,995 0,0006251811 1,321,229 0,0016326841 12930 Bath Com	11840	Eastern U P Intermediate School District	3,423,402	0.0008188286	688,440	0.0008282420
11970 Rudyard Public Schools 1,677,737 0,0004012906 341,375 0,0004106984 11980 Sault Ste Marie Public Schools 4,384,987 0,0010488259 889,457 0,001070803 12000 Brimley Public Schools 1,572,121 0,0003760289 315,446 0,0003795037 12010 Whitefish Township Schools 253,873 0,0000607228 51,354 0,0000617823 12020 Clare-Gladwin Intermediate School District 3,242,201 0,0008472437 699,354 0,0008305448 12230 Clare Public Schools 3,560,243 0,0008515591 705,316 0,0008485453 12240 Harrison Community Schools 2,989,341 0,0007150076 564,996 0,0006797303 12250 Fanwell Area Schools 2,629,615 0,0006289661 519,727 0,0006252681 12260 Clinton County Intermediate School District 4,272,109 0,0010218273 873,635 0,0010510448 12930 Bath Community Schools 2,597,995 0,0006214032 494,233 0,000545977 12940 St Johns Public Schools 6,735,692 0,0016110809 1,321,129 0,0015894114 12950 Fowler Public Schools 1,082,050 0,0002588108 213,033 0,0002562942 12980 Dewitt Public Schools 1,882,050 0,0002588108 213,033 0,0002562942 12980 Dewitt Public Schools 7,837,564 0,0018746328 1,596,591 0,0019208118 13100 Elata-Schoolsraft Intermediate School District 2,658,624 0,0006359048 519,646 0,0006251711 13120 Bark River - Harris Schools 3,317,460 0,00007934508 660,394 0,00019208118 13100 Rapid River Public Schools 641,752 0,0001534979 124,039 0,0001492274 13220 Dickinson-Iron Intermediate School District 2,638,624 0,000334890 326,635 0,0001492174 13220 Dickinson-Iron Intermediate School District 2,638,733 0,0006133863 522,978 0,0006291733 13250 Breitung Township Schools 641,752 0,0001534018 872,196 0,000149274 13220 Dickinson-Iron Intermediate School District 2,638,733 0,0006133863 522,978 0,000149274 13220 Dickinson-Iron Intermediate School District 2,638,733 0,0006133863 522,978 0,000629654 13300 Po	11930	Detour Area Schools	814,905	0.0001949135	162,778	0.0001958334
11980 Sault Ste Marie Public Schools 4,384,987 0.0010488259 889,457 0.0010700803 12000 Brimley Public Schools 1,572,121 0.0003760289 315,446 0.0003795037 12010 Whitefish Township Schools 253,873 0.0000607228 51,354 0.0000617828 12020 Clare-Gladwin Intermediate School District 3,542,201 0.0008472437 690,354 0.0008305448 12230 Clare Public Schools 3,560,243 0.0008515591 705,316 0.0008485453 12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,629,615 0.0006289661 519,727 0.0006252681 12260 Clinton County Intermediate School District 4,272,109 0.010218273 873,635 0.0010510448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005345917 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 1,882,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 1,884,178 0.0004028312 336,623 0.000408931 13100 Bark River - Harris Schools 1,884,178 0.0004028312 336,623 0.000408931 13100 Bark River - Harris Schools 3,317,460 0.0007334899 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.00012005591 13200 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291733 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.00003926654 13320 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0000392661 133100 Chariotte Public Schools 1,231,526 0.0002945633 237,394 0.0002856018 13390 Potterville Public Schools 5,605,374 0.0013407550 1,094,576 0.0012451634 13990 Chariotte Public Schools 5,605,374 0.0013407550 1,094,576 0.0013168524 1,094,576 0.00013407550 1,094,576 0.00013168524 1,094,576 0.	11950	Pickford Public Schools	1,060,094	0.0002535592	212,225	0.0002553219
12000 Brimley Public Schools 1,572,121 0.0003760289 315,446 0.0003795037 12010 Whitefish Township Schools 253,873 0.0000607228 51,354 0.0000817823 12020 Clare-Cladwin Intermediate School District 3,562,241 0.0008472437 690,354 0.0008485453 12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,629,615 0.0006289661 519,727 0.000625681 12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010510448 12930 Bath Community Schools 2,597,999 0.0006214032 494,233 0.0005945977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002652942 12980 Dewritt Public Schools 7,837,564 0.0018746328 1,596,591 0.0012920818 13070 Delta-Schoolc	11970	Rudyard Public Schools	1,677,737	0.0004012906	341,375	0.0004106984
12010 Whitefish Township Schools 253,873 0.0000607228 51,354 0.0000617823 12020 Clare-Gladwin Intermediate School District 3,542,201 0.0008472437 690,354 0.0008305448 12230 Clare Public Schools 3,360,243 0.0008515591 705,316 0.0006485433 12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,629,615 0.0006289661 519,727 0.0006252681 12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010610448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.000545977 12940 St Johns Public Schools 1,082,050 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 7,837,564 0.0018746328 1,596,591 0.001206591 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.000428312 336,623 0.0004291 131310	11980	Sault Ste Marie Public Schools	4,384,987	0.0010488259	889,457	0.0010700803
12020 Clare-Gladwin Intermediate School District 3,542,201 0.0008472437 690,354 0.0008305448 12230 Clare Public Schools 3,560,243 0.0008515591 705,316 0.0008485453 12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,629,615 0.0006288661 519,727 0.0006252681 12260 Clinton County Intermediate School District 4,272,109 0.0016218273 873,635 0.001501448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005494977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894141 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0004028312 336,623 0.000494813 13170	12000	Brimley Public Schools	1,572,121	0.0003760289	315,446	0.0003795037
12230 Clare Public Schools 3,560,243 0,0008515591 705,316 0,0008485453 12240 Harrison Community Schools 2,989,341 0,0007150076 564,996 0,0006797303 12250 Farwell Area Schools 2,629,615 0,0006289661 519,727 0,0006252681 12260 Clinton County Intermediate School District 4,272,109 0,0010218273 873,635 0,00110484 12930 Bath Community Schools 2,597,995 0,0006214032 494,233 0,000545977 12940 St Johns Public Schools 6,735,692 0,0016110809 1,321,129 0,0015894114 12950 Fowler Public Schools 1,082,050 0,0002588108 213,033 0,0002562942 12940 Dewitt Public Schools 7,837,564 0,0018746328 1,596,591 0,0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0,0006359048 519,646 0,0006251711 13120 Bark River - Harris Schools 1,684,178 0,001203597 997,995 0,00122005691 13170 Giadstone	12010	Whitefish Township Schools	253,873	0.0000607228	51,354	0.0000617823
12240 Harrison Community Schools 2,989,341 0.0007150076 564,996 0.0006797303 12250 Farwell Area Schools 2,629,615 0.0006286661 519,727 0.0006252681 12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010510448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005945977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,664 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0012030597 997,995 0.0012006591 13170 Glads	12020	Clare-Gladwin Intermediate School District	3,542,201	0.0008472437	690,354	0.0008305448
12250 Farwell Area Schools 2,629,615 0.0006289661 519,727 0.0006252681 12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010510448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005945977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012003597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945088 13190 Rap	12230	Clare Public Schools	3,560,243	0.0008515591	705,316	0.0008485453
12260 Clinton County Intermediate School District 4,272,109 0.0010218273 873,635 0.0010510448 12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005945977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13170 Gladstone Area Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001554079 124,039 0.0001493130 13250 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0001493130	12240	Harrison Community Schools	2,989,341	0.0007150076	564,996	0.0006797303
12930 Bath Community Schools 2,597,995 0.0006214032 494,233 0.0005945977 12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.001203597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.000429173 13250 Breitung Township Schools 4,412,479 0.001554018 872,196 0.000629173 13270 Iron Mountain Public Schools 1,664,774 0.0003881900 326,635 0.0003929654 13310 Eaton Regional Educat	12250	Farwell Area Schools	2,629,615	0.0006289661	519,727	0.0006252681
12940 St Johns Public Schools 6,735,692 0.0016110809 1,321,129 0.0015894114 12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.001554018 872,196 0.0010493130 13270 <	12260	Clinton County Intermediate School District	4,272,109	0.0010218273	873,635	0.0010510448
12950 Fowler Public Schools 1,082,050 0.0002588108 213,033 0.0002562942 12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.000398190 13310	12930	Bath Community Schools	2,597,995	0.0006214032	494,233	0.0005945977
12980 Dewitt Public Schools 7,837,564 0.0018746328 1,596,591 0.0019208118 13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0011493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522	12940	St Johns Public Schools	6,735,692	0.0016110809	1,321,129	0.0015894114
13070 Delta-Schoolcraft Intermediate School District 2,658,624 0.0006359048 519,646 0.0006251711 13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,684,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.001149187 1,028,744 0.0012376522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018	12950	Fowler Public Schools	1,082,050	0.0002588108	213,033	0.0002562942
13120 Bark River - Harris Schools 1,684,178 0.0004028312 336,623 0.0004049813 13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13270 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002866018 13940 Eaton Rapids Public Schools 5,280,441 0.0012630059 1,051,562	12980	Dewitt Public Schools	7,837,564	0.0018746328	1,596,591	0.0019208118
13130 Escanaba Area Public Schools 5,029,815 0.0012030597 997,995 0.0012006591 13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13940 Charlotte Public Schools 5,805,374 0.0013407250 1,094,576 0.0013168524 13940 <	13070	Delta-Schoolcraft Intermediate School District	2,658,624	0.0006359048	519,646	0.0006251711
13170 Gladstone Area Schools 3,317,460 0.0007934889 660,394 0.0007945008 13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13910 Charlotte Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13980 Olivet Community Schools 13,249,074 0.0031689885 2,597,062	13120	Bark River - Harris Schools	1,684,178	0.0004028312	336,623	0.0004049813
13190 Rapid River Public Schools 641,752 0.0001534979 124,039 0.0001492274 13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13980 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062<	13130	Escanaba Area Public Schools	5,029,815	0.0012030597	997,995	0.0012006591
13220 Dickinson-Iron Intermediate School District 2,639,733 0.0006313863 522,978 0.0006291793 13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13910 Charlotte Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13940 Eaton Rapids Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13170	Gladstone Area Schools	3,317,460	0.0007934889	660,394	0.0007945008
13250 Breitung Township Schools 4,412,479 0.0010554018 872,196 0.0010493130 13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13910 Charlotte Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13940 Eaton Rapids Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13950 Grand Ledge Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13190	Rapid River Public Schools	641,752	0.0001534979	124,039	0.0001492274
13270 Iron Mountain Public Schools 1,664,774 0.0003981900 326,635 0.0003929654 13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13220	Dickinson-Iron Intermediate School District	2,639,733	0.0006313863	522,978	0.0006291793
13310 Eaton Regional Education Service Agency 5,079,396 0.0012149187 1,028,744 0.0012376522 13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13250	Breitung Township Schools	4,412,479	0.0010554018	872,196	0.0010493130
13720 Strange-Oneida School #3 62,840 0.0000150303 12,595 0.0000151522 13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13270	Iron Mountain Public Schools	1,664,774	0.0003981900	326,635	0.0003929654
13890 Bellevue Community Schools 1,231,526 0.0002945633 237,394 0.0002856018 13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13310	Eaton Regional Education Service Agency	5,079,396	0.0012149187	1,028,744	0.0012376522
13900 Potterville Public Schools 2,029,158 0.0004853454 404,523 0.0004866700 13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13720	Strange-Oneida School #3	62,840	0.0000150303	12,595	0.0000151522
13910 Charlotte Public Schools 5,280,441 0.0012630059 1,051,562 0.0012651040 13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13890	Bellevue Community Schools	1,231,526	0.0002945633	237,394	0.0002856018
13940 Eaton Rapids Public Schools 5,605,374 0.0013407250 1,094,576 0.0013168524 13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13900	Potterville Public Schools	2,029,158	0.0004853454	404,523	0.0004866700
13950 Grand Ledge Public Schools 13,249,074 0.0031689885 2,597,062 0.0031244498 13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13910	Charlotte Public Schools	5,280,441	0.0012630059	1,051,562	0.0012651040
13980 Olivet Community Schools 3,099,338 0.0007413172 626,892 0.0007541959 14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13940	Eaton Rapids Public Schools	5,605,374	0.0013407250	1,094,576	0.0013168524
14140 Alanson Public Schools 499,685 0.0001195176 100,638 0.0001210749	13950	Grand Ledge Public Schools	13,249,074	0.0031689885	2,597,062	0.0031244498
	13980	Olivet Community Schools	3,099,338	0.0007413172	626,892	0.0007541959
1/150 Harbor Springs Public Schools 3 009 570 0 0007106090 507 579 0 0007100202	14140	Alanson Public Schools	499,685	0.0001195176	100,638	0.0001210749
14-150 Harbot Springs Fubile Schools 3,000,378 0.0007 130003 387,370 0.0007 103203	14150	Harbor Springs Public Schools	3,008,579	0.0007196089	597,578	0.0007189283

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
14160	Pellston Public Schools	1,357,969	0.0003248066	272,825	0.0003282273
14170	Petoskey Public Schools	6,461,333	0.0015454583	1,312,395	0.0015789045
14180	Genesee County Intermediate School District	18,094,347	0.0043279083	3,629,177	0.0043661570
14300	Goodrich Area Schools	4,069,343	0.0009733285	810,244	0.0009747804
14310	Bendle Public Schools	3,167,763	0.0007576835	628,445	0.0007560641
14320	Bentley Community Schools	1,575,369	0.0003768056	298,496	0.0003591119
14330	Atherton Community Schools	1,745,702	0.0004175469	327,920	0.0003945110
14340	Davison Community Schools	13,558,942	0.0032431046	2,696,730	0.0032443569
14350	Lake Fenton Community School District	5,087,574	0.0012168748	1,001,532	0.0012049134
14360	Fenton Area Public Schools	7,755,361	0.0018549712	1,507,402	0.0018135119
14370	Linden Community Schools	6,075,805	0.0014532453	1,190,938	0.0014327825
14380	Flint Community Schools	6,431,920	0.0015384231	1,209,745	0.0014554096
14400	Carman-Ainsworth Community School District	9,847,259	0.0023553230	1,941,869	0.0023362065
14430	Flushing Community Schools	10,412,738	0.0024905777	2,012,833	0.0024215802
14450	Swartz Creek Community Schools	8,438,462	0.0020183591	1,631,937	0.0019633359
14460	Mt Morris Consolidated Schools	3,776,200	0.0009032128	744,799	0.0008960461
14470	Genesee School District	1,556,631	0.0003723238	312,541	0.0003760084
14480	Kearsley Community Schools	7,169,205	0.0017147710	1,404,177	0.0016893241
14490	Grand Blanc Community Schools	18,602,522	0.0044494564	3,732,225	0.0044901306
14500	Montrose Community Schools	3,253,773	0.0007782559	631,823	0.0007601280
14510	Beecher Community School District	1,505,222	0.0003600275	312,462	0.0003759136
14520	Westwood Heights Schools	3,958,545	0.0009468273	730,152	0.0008784241
14530	Clio Area School District	5,405,066	0.0012928143	1,044,196	0.0012562417
14790	Beaverton Schools	2,236,112	0.0005348458	416,231	0.0005007557
14800	Gladwin Community Schools	3,493,765	0.0008356585	699,787	0.0008418930
14830	Bessemer Area School District	832,624	0.0001991516	166,064	0.0001997873
14890	Wakefield Township Schools	754,608	0.0001804915	146,433	0.0001761693
14900	Watersmeet Township School District	729,651	0.0001745220	152,899	0.0001839484
14910	Northwest Education Services	13,742,026	0.0032868956	2,714,888	0.0032662023
15130	Kingsley Area Schools	3,096,753	0.0007406990	605,965	0.0007290185
15150	Traverse City Public Schools	24,965,771	0.0059714544	4,930,140	0.0059313084
15170	Gratiot-Isabella Intermediate School District	6,473,609	0.0015483945	1,291,940	0.0015542958
16060	Alma Public Schools	5,296,019	0.0012667319	1,048,970	0.0012619858
16070	Ashley Community School	552,383	0.0001321221	111,412	0.0001340364
16080	Fulton Schools	1,478,550	0.0003536479	283,908	0.0003415611
16090	Ithaca Public Schools	2,593,826	0.0006204060	503,500	0.0006057467
16100	St Louis Public Schools	2,240,968	0.0005360074	445,669	0.0005361709

		Total Required		Total Required	
F		Pension	Pension	OPEB	OPEB
Employer Number	Employer Name	Employer Contributions	Proportionate Share	Employer Contributions	Proportionate Share
16120	Breckenridge Community Schools	1,556,954	0.0003724012	306,617	0.0003688825
16130	Hillsdale County Intermediate School District	3,088,929	0.0007388276	623,288	0.0007498592
16270	North Adams-Jerome Public Schools	800,887	0.0001915606	145,466	0.0001750060
16280	Camden-Frontier Schools	1,118,041	0.0002674194	212,551	0.0002557135
16290	Jonesville Community Schools	3,064,927	0.0007330865	600,149	0.0007220216
16300	Hillsdale Community Schools	3,249,372	0.0007772031	645,584	0.0007766832
16310	Litchfield Community Schools	580,615	0.0001388749	114,038	0.0001371960
16320	Pittsford Area Schools	785,086	0.0001877813	149,427	0.0001797716
16330	Reading Community Schools	1,742,108	0.0004166873	339,076	0.0004079328
16340	Waldron Area Schools	522,830	0.0001250533	92,056	0.0001107504
16350	Copper Country Intermediate School District	3,390,439	0.0008109443	693,064	0.0008338051
16390	Adams Township School District	1,102,816	0.0002637778	220,720	0.0002655423
16400	Calumet Public Schools	3,168,890	0.0007579532	623,180	0.0007497297
16420	Chassell Township Schools	425,298	0.0001017252	88,860	0.0001069047
16440	Elm River Township Schools	61,595	0.0000147326	12,282	0.0000147760
16450	Hancock Public Schools	1,263,098	0.0003021150	248,207	0.0002986112
16470	Dollar Bay-Tamarack City Area Schools	719,522	0.0001720993	141,393	0.0001701057
16480	Houghton-Portage Township School District	3,133,917	0.0007495880	626,800	0.0007540850
16490	Lake Linden-Hubbell Public Schools	833,065	0.0001992571	162,148	0.0001950760
16500	Stanton Township Public Schools	366,873	0.0000877509	74,105	0.0000891533
16510	Huron Intermediate School District	3,651,650	0.0008734224	702,966	0.0008457175
16600	Caseville Public School	624,648	0.0001494068	121,831	0.0001465709
16610	Big Burning-Colfax #1F School	40,785	0.0000097551	8,552	0.0000102889
16780	Church School	39,876	0.0000095377	7,758	0.0000093328
17020	Adams-Sigel #3 School	87,454	0.0000209177	17,111	0.0000205856
17030	Eccles-Sigel #4 School	72,188	0.0000172663	13,925	0.0000167529
17060	Verona Mills School	54,498	0.0000130353	11,000	0.0000132339
17110	Ubly Community Schools	1,681,103	0.0004020958	322,545	0.0003880451
17130	North Huron Schools	930,180	0.0002224858	180,767	0.0002174755
17180	Harbor Beach Community School District	1,219,046	0.0002915783	231,691	0.0002787404
17200	Bad Axe Public Schools	2,248,947	0.0005379159	433,833	0.0005219317
17220	Ingham Intermediate School District	12,387,812	0.0029629869	2,571,148	0.0030932736
17710	Holt Public Schools	14,533,983	0.0034763202	2,844,326	0.0034219259
17740	East Lansing Public Schools	9,947,134	0.0023792117	2,001,552	0.0024080084
17750	Dansville Schools	1,457,800	0.0003486848	285,955	0.0003440239
17760	Lansing Public Schools	29,556,135	0.0070694036	6,068,680	0.0073010520
17830	Webberville Community Schools	943,911	0.0002257701	183,005	0.0002201682

		Total Required	<u>.</u> .	Total Required	ADED
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
17840	Leslie Public Schools	2,670,888	0.0006388382	517,114	0.0006221247
17850	Haslett Public Schools	7,185,012	0.0017185518	1,399,303	0.0016834603
17860	Okemos Public Schools	13,190,279	0.0031549255	2,617,575	0.0031491278
17890	Stockbridge Community Schools	3,166,133	0.0007572935	618,196	0.0007437336
17900	Mason Public Schools	9,149,502	0.0021884296	1,808,427	0.0021756661
17910	Williamston Community Schools	4,657,874	0.0011140967	921,409	0.0011085207
17920	Ionia County Intermediate School District	5,455,548	0.0013048888	1,080,911	0.0013004126
17940	Coon-Berlin Township School District #3	28,333	0.0000067769	5,641	0.0000067859
18140	Haynor- Easton Township School District #6	30,525	0.0000073011	5,921	0.0000071237
18160	North Levalley School #2	44,283	0.0000105918	9,524	0.0000114578
18640	Saranac Community Schools	1,953,512	0.0004672522	373,793	0.0004496999
18660	Ionia Public Schools	5,987,314	0.0014320795	1,170,046	0.0014076486
18680	Pewamo-Westphalia Community School District	1,851,105	0.0004427577	367,556	0.0004421963
18700	Belding Area Schools	4,227,486	0.0010111540	838,430	0.0010086902
18710	Portland Public Schools	4,726,561	0.0011305256	913,026	0.0010984346
18720	losco Regional Educational Service Agency	1,930,762	0.0004618106	398,212	0.0004790774
18760	Oscoda Area Schools	2,872,571	0.0006870779	583,291	0.0007017409
18770	Hale Area Schools	894,657	0.0002139890	173,641	0.0002089020
18780	Tawas Area Schools	2,671,326	0.0006389429	527,568	0.0006347022
19220	Shepherd Public Schools	4,327,723	0.0010351292	869,560	0.0010461423
19230	Mt Pleasant Public Schools	9,622,136	0.0023014769	1,935,253	0.0023282462
19240	Beal City Schools	1,437,093	0.0003437320	286,415	0.0003445781
19290	Bois Blanc Pines School District	3,488	0.0000008344	1,539	0.0000018516
19310	Moran Township School District	352,918	0.0000844130	69,238	0.0000832982
19340	Les Cheneaux Community Schools	581,851	0.0001391705	109,671	0.0001319422
19370	Mackinac Island Public School	428,795	0.0001025616	88,392	0.0001063414
19390	St Ignace Public Schools	1,046,664	0.0002503470	202,024	0.0002430491
19400	Jackson Intermediate School District	16,537,941	0.0039556382	3,314,343	0.0039873898
19730	East Jackson Community Schools	2,142,489	0.0005124527	390,792	0.0004701500
19750	Columbia School District	3,785,586	0.0009054579	741,289	0.0008918237
19760	Concord Community Schools	1,862,898	0.0004455786	369,202	0.0004441759
19770	Grass Lake Community Schools	3,149,978	0.0007534295	632,606	0.0007610701
19780	Hanover Horton School District	2,515,188	0.0006015969	502,442	0.0006044737
19800	Jackson Public Schools	11,755,588	0.0028117680	2,338,175	0.0028129907
19810	Michigan Center School District	3,212,204	0.0007683131	634,022	0.0007627734
19830	Napoleon Community School District	3,200,398	0.0007654894	639,429	0.0007692788
19840	Northwest School District	7,757,198	0.0018554104	1,553,684	0.0018691921

Employer		Total Required Pension Employer	Pension Proportionate	Total Required OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
19860	Springport Public Schools	2,328,768	0.0005570078	456,976	0.0005497745
19880	Vandercook Lake Public Schools	1,968,365	0.0004708047	393,265	0.0004731258
19890	Kalamazoo Regional Educational Service Agency	14,836,160	0.0035485966	3,016,733	0.0036293435
20080	Climax-Scotts Community School	1,361,839	0.0003257323	290,328	0.0003492852
20090	Comstock Public Schools	5,133,303	0.0012278124	1,071,930	0.0012896080
20100	Galesburg-Augusta Community School District	2,793,720	0.0006682176	549,488	0.0006610724
20110	Kalamazoo Public Schools	35,867,486	0.0085789883	7,322,719	0.0088097498
20140	Parchment School District	4,171,622	0.0009977922	830,380	0.0009990054
20170	Portage Public Schools	22,330,054	0.0053410287	4,449,217	0.0053527234
20200	Vicksburg Community Schools	6,781,041	0.0016219276	1,355,757	0.0016310715
20210	Schoolcraft Community Schools	2,498,369	0.0005975741	513,577	0.0006178698
20260	Crawford-Excelsior School District #1	79,377	0.0000189859	17,500	0.0000210542
20390	Kalkaska Public Schools	3,687,547	0.0008820084	718,372	0.0008642528
20400	Kent County Intermediate School District	38,909,674	0.0093066360	7,698,280	0.0092615765
21660	Rockford Public Schools	21,022,611	0.0050283072	4,169,816	0.0050165842
21670	Byron Center Public Schools	11,194,690	0.0026776093	2,271,113	0.0027323097
21680	Caledonia Community Schools	12,887,795	0.0030825757	2,520,433	0.0030322592
21700	Grand Rapids Public Schools	40,190,430	0.0096129744	8,091,262	0.0097343617
21710	East Grand Rapids Public Schools	7,052,878	0.0016869472	1,422,632	0.0017115276
21740	Lowell Area Schools	9,008,767	0.0021547678	1,767,315	0.0021262053
21750	Cedar Springs Public Schools	8,027,753	0.0019201233	1,586,730	0.0019089487
21780	Godwin Heights Public Schools	6,499,119	0.0015544962	1,298,085	0.0015616881
21800	Comstock Park Public Schools	4,707,809	0.0011260405	950,016	0.0011429366
21820	Sparta Area Schools	6,325,385	0.0015129413	1,246,365	0.0014994657
21830	Kent City Community Schools	3,001,605	0.0007179408	593,407	0.0007139102
21870	Grandville Public Schools	15,301,953	0.0036600078	3,060,655	0.0036821852
21900	Godfrey-Lee Public Schools	4,793,234	0.0011464729	986,797	0.0011871865
21910	Kelloggsville Public Schools	6,316,115	0.0015107240	1,236,019	0.0014870186
21940	Grant Township School	37,398	0.0000089451	7,008	0.0000084317
22110	Baldwin Community Schools	1,695,961	0.0004056496	336,040	0.0004042796
22120	Lapeer County Intermediate School District	3,072,691	0.0007349436	599,473	0.0007212090
22690	Almont Community Schools	3,005,186	0.0007187975	592,279	0.0007125540
22700	Dryden Community Schools	1,095,794	0.0002620982	219,154	0.0002636572
22710	Imlay City Community Schools	4,707,024	0.0011258526	930,723	0.0011197258
22720	Lapeer Public Schools	11,204,165	0.0026798755	2,230,736	0.0026837337
22730	North Branch Area Schools	4,886,959	0.0011688905	974,443	0.0011723241
22740	Lakeville Community Schools	2,302,064	0.0005506208	439,663	0.0005289452
22170		2,002,004	0.000000200	100,000	5.5500 <u>2</u> 50 1 02

		Total Required		Total Required	4272
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Employer Number	Employer Name	Contributions	Share	Contributions	Share
22770	Glen Lake Community Schools	2,924,968	0.0006996103	568,366	0.0006837849
22790	Northport Public School	861,671	0.0002060994	165,574	0.0001991972
22800	Leland Public School	1,501,980	0.0003592522	303,629	0.0003652871
22810	Suttons Bay Public Schools	1,570,005	0.0003755227	302,933	0.0003644499
22830	Lenawee Intermediate School District	7,698,876	0.0018414608	1,537,946	0.0018502583
23250	Adrian Public Schools	7,527,183	0.0018003942	1,501,057	0.0018058782
23260	Blissfield Community School District	2,475,367	0.0005920722	486,776	0.0005856260
23270	Onsted Community Schools	3,336,997	0.0007981619	662,227	0.0007967064
23280	Clinton Community Schools	2,750,353	0.0006578451	539,631	0.0006492141
23300	Hudson Area Schools	2,944,142	0.0007041965	592,235	0.0007125004
23310	Sand Creek Community Schools	2,140,773	0.0005120421	428,713	0.0005157717
23320	Madison School District #2	4,225,333	0.0010106390	832,025	0.0010009846
23330	Britton Deerfield Schools	872,836	0.0002087698	167,220	0.0002011773
23340	Morenci Area Schools	1,412,311	0.0003378046	269,521	0.0003242533
23350	Tecumseh Public Schools	5,784,719	0.0013836217	1,123,003	0.0013510522
23360	Addison Community Schools	1,735,557	0.0004151204	326,875	0.0003932538
23370	Livingston Intermediate School District	12,449,680	0.0029777850	2,500,429	0.0030081937
23680	Brighton Area Schools	21,962,586	0.0052531355	4,378,731	0.0052679243
23690	Fowlerville Community Schools	6,557,069	0.0015683569	1,276,134	0.0015352796
23700	Hartland Consolidated Schools	12,351,127	0.0029542125	2,462,663	0.0029627580
23710	Howell Public Schools	17,463,634	0.0041770507	3,523,389	0.0042388865
23720	Pinckney Community Schools	4,869,726	0.0011647685	970,199	0.0011672187
23770	Tahquamenon Area School District	1,198,563	0.0002866790	233,454	0.0002808615
23780	Macomb Intermediate School District	28,992,275	0.0069345364	5,798,467	0.0069759664
23850	Armada Area Schools	4,910,112	0.0011744285	974,411	0.0011722851
23860	Romeo Community Schools	14,089,079	0.0033699056	2,762,923	0.0033239924
23870	Anchor Bay School District	14,868,431	0.0035563156	2,936,023	0.0035322433
23890	Mt Clemens Community Schools	1,979,873	0.0004735571	365,936	0.0004402473
23910	Clintondale Community Schools	5,655,952	0.0013528226	1,073,643	0.0012916687
23920	Fraser Public Schools	13,543,942	0.0032395167	2,678,405	0.0032223106
23930	Eastpointe Community Schools	5,217,977	0.0012480652	1,030,965	0.0012403242
23950	Roseville Community Schools	12,974,516	0.0031033183	2,568,647	0.0030902638
23970	L'anse Creuse Public Schools	29,467,912	0.0070483019	5,851,233	0.0070394485
23980	Lake Shore Public Schools	9,827,305	0.0023505503	1,920,003	0.0023098997
23990	Lakeview Public Schools	11,704,665	0.0027995879	2,341,568	0.0028170727
24000	South Lake Public Schools	4,846,598	0.0011592366	958,476	0.0011531146
24010	New Haven Community Schools	3,265,474	0.0007810545	647,068	0.0007784685

		Total Required		Total Required	
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Employer Number	Employer Name	Contributions	Share	Contributions	Share
24020	Memphis Community Schools	1,929,850	0.0004615925	376,448	0.0004528941
24030	Richmond Community Schools	4,017,143	0.0009608429	817,014	0.0009829259
24040	Utica Community Schools	73,287,366	0.0175292868	14,355,896	0.0172711604
24060	Warren Consolidated Schools	45,380,350	0.0108543289	9,010,553	0.0108403333
24070	Center Line Public Schools	8,214,490	0.0019647883	1,642,631	0.0019762010
24080	Warren Woods Public Schools	10,164,752	0.0024312628	1,995,781	0.0024010654
24090	Vandyke Public Schools	7,621,093	0.0018228562	1,544,217	0.0018578029
24100	Fitzgerald Public Schools	6,885,245	0.0016468519	1,384,621	0.0016657973
24110	Manistee Intermediate School District	1,387,266	0.0003318142	284,700	0.0003425146
24250	Bear Lake School	743,303	0.0001777874	146,266	0.0001759683
24270	Manistee Public Schools	3,194,447	0.0007640659	622,987	0.0007494971
24300	Onekama Consolidated Schools	724,000	0.0001731705	142,370	0.0001712812
24350	Wells Township School #18	99,382	0.0000237708	17,328	0.0000208472
24390	Gwinn Area Community Schools	2,610,864	0.0006244812	522,040	0.0006280513
24400	Ishpeming Public Schools	1,784,791	0.0004268965	363,060	0.0004367865
24420	Marquette Area Public Schools	8,076,640	0.0019318165	1,625,609	0.0019557223
24450	Negaunee Public Schools	4,043,995	0.0009672657	793,387	0.0009545011
24460	Powell Township School District	276,582	0.0000661544	55,973	0.0000673397
24470	Republic-Michigamme Schools	509,394	0.0001218398	98,665	0.0001187012
24500	West Shore Educational Service District	4,813,016	0.0011512043	964,840	0.0011607715
24680	Mason County Central School District	2,366,180	0.0005659564	451,733	0.0005434667
24690	Mason County-Eastern-Custer #5 School District	880,508	0.0002106048	173,152	0.0002083141
24710	Ludington Area Schools	5,487,396	0.0013125064	1,059,862	0.0012750885
24720	Mecosta-Osceola Intermediate School District	4,818,884	0.0011526080	972,312	0.0011697597
24880	Big Rapids Public Schools	5,640,956	0.0013492358	1,121,513	0.0013492597
24930	Menominee County Intermediate School District	1,221,497	0.0002921646	239,289	0.0002878822
25050	Menominee Area Public Schools	2,785,706	0.0006663010	537,907	0.0006471401
25070	Carney-Nadeau Public Schools	677,389	0.0001620217	131,509	0.0001582148
25100	Midland County Educational Service Agency	4,124,664	0.0009865604	836,907	0.0010068587
25600	Midland Public Schools	20,087,413	0.0048046212	3,917,354	0.0047128546
25610	Bullock Creek School District	4,476,144	0.0010706296	887,791	0.0010680750
25620	Coleman Community Schools	1,549,382	0.0003705901	301,820	0.0003631112
25740	Lake City Area Schools	2,767,871	0.0006620350	539,949	0.0006495971
25750	Mcbain Rural Agricultural Schools	2,562,296	0.0006128646	510,732	0.0006144462
25760	Monroe County Intermediate School District	11,827,255	0.0028289098	2,357,264	0.0028359552
25920	Airport Community Schools	6,826,090	0.0016327029	1,351,362	0.0016257844
25930	Bedford Public Schools	9,743,909	0.0023306033	1,920,365	0.0023103347

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
25940	Dundee Community Schools	3,552,551	0.0008497192	664,784	0.0007997820
25950	Jefferson Schools	3,278,482	0.0007841659	632,540	0.0007609906
25960	Ida Public Schools	3,508,189	0.0008391085	696,590	0.0008380471
25970	Monroe Public Schools	11,048,358	0.0026426087	2,239,686	0.0026945014
25990	Mason Consolidated Schools	2,407,608	0.0005758653	473,451	0.0005695952
26000	Summerfield Schools	1,410,769	0.0003374358	280,924	0.0003379711
26010	Whiteford Agricultural Schools	1,876,025	0.0004487182	371,792	0.0004472916
26020	Montcalm Area Intermediate School District	5,178,402	0.0012385995	1,019,766	0.0012268506
26540	Lakeview Community Schools	2,178,494	0.0005210645	427,647	0.0005144896
26560	Greenville Public Schools	10,259,062	0.0024538204	1,989,658	0.0023936997
26600	Vestaburg Community Schools	1,868,365	0.0004468862	375,688	0.0004519792
26660	Atlanta Community Schools	548,553	0.0001312060	108,365	0.0001303709
26670	Hillman Community Schools	1,100,732	0.0002632792	219,859	0.0002645054
26680	Muskegon Area Intermediate School District	9,193,863	0.0021990402	1,837,864	0.0022110804
27080	Fruitport Community Schools	6,970,812	0.0016673182	1,388,784	0.0016708052
27100	Holton Public Schools	2,165,615	0.0005179841	415,795	0.0005002305
27120	Montague Area Public Schools	3,543,175	0.0008474766	674,856	0.0008118999
27130	Muskegon City Public Schools	8,729,718	0.0020880233	1,722,516	0.0020723092
27160	Orchard View Schools	6,505,960	0.0015561322	1,309,769	0.0015757447
27170	Reeths-Puffer Schools	8,523,978	0.0020388132	1,701,573	0.0020471133
27200	Muskegon Heights City Public Schools	2,551	0.0000006102	920	0.0000011074
27210	North Muskegon Public Schools	2,386,841	0.0005708982	483,875	0.0005821361
27270	Ravenna Public Schools #24	2,517,923	0.0006022511	506,154	0.0006089396
27280	Whitehall District Schools	6,426,829	0.0015372053	1,257,931	0.0015133803
27300	Newaygo County Regional Educational Service Agency	4,864,745	0.0011635772	967,257	0.0011636788
27690	Big Jackson School District	43,831	0.0000104837	9,073	0.0000109160
27830	Grant Public Schools	3,887,160	0.0009297529	756,409	0.0009100140
27840	Newaygo Public Schools	4,172,757	0.0009980635	844,324	0.0010157820
27860	Hesperia Community Schools	1,994,349	0.0004770198	390,204	0.0004694429
27880	Fremont Public Schools	5,488,969	0.0013128826	1,066,541	0.0012831250
27890	White Cloud Public Schools	2,155,382	0.0005155366	425,230	0.0005115816
27900	Oakland Schools Intermediate School District	19,418,833	0.0046447064	3,806,897	0.0045799668
27970	Rochester Community Schools	41,163,857	0.0098458043	8,124,308	0.0097741181
27980	Avondale School District	11,265,833	0.0026946256	2,241,835	0.0026970859
27990	Birmingham Public Schools	29,636,081	0.0070885256	5,882,223	0.0070767309
28000	Bloomfield Hills School District	23,431,349	0.0056044426	4,596,417	0.0055298154
28020	Brandon School District	5,070,321	0.0012127481	991,557	0.0011929137

		Total Required		Total Required	
F		Pension	Pension	OPEB	OPEB
Employer Number	Employer Name	Employer Contributions	Proportionate Share	Employer Contributions	Proportionate Share
28030	Walled Lake Consolidated Schools	34,727,405	0.0083062973	6,800,966	0.0081820444
28040	Farmington Public Schools	32,290,115	0.0077233323	6,559,064	0.0078910189
28050	Clarenceville School District	4,332,710	0.0010363221	837,004	0.0010069752
28060	Holly Area Schools	7,881,977	0.0018852558	1,553,048	0.0018684262
28070	Clarkston Community Schools #3F	25,017,728	0.0059838817	4,997,881	0.0060128048
28080	South Lyon Community Schools	23,452,252	0.0056094422	4,624,176	0.0055632108
28090	Huron Valley School District #4F	23,610,288	0.0056472423	4,730,641	0.0056912965
28100	Novi Community School District	19,816,685	0.0047398669	4,013,747	0.0048288215
28110	Lake Orion Community School #3	21,170,486	0.0050636767	4,218,630	0.0050753103
28120	Oxford Area Community Schools	18,677,193	0.0044673167	3,744,604	0.0045050242
28130	Pontiac City School District	11,981,509	0.0028658052	2,523,957	0.0030364996
28150	Oak Park School District	9,662,513	0.0023111345	1,910,191	0.0022980954
28160	Lamphere Public Schools	7,931,677	0.0018971435	1,572,452	0.0018917715
28170	Royal Oak City School District	14,400,547	0.0034444042	2,898,423	0.0034870088
28180	Berkley School District	15,078,366	0.0036065289	2,908,840	0.0034995401
28190	Hazel Park Public Schools	10,808,818	0.0025853143	2,183,691	0.0026271349
28200	Ferndale City School District	8,427,801	0.0020158091	1,719,554	0.0020687453
28210	Madison District Public Schools	3,227,952	0.0007720799	643,558	0.0007742458
28220	Southfield Public Schools	16,619,186	0.0039750710	3,211,966	0.0038642230
28230	Troy City School District	36,142,631	0.0086447990	7,071,504	0.0085075201
28240	Clawson City School District	3,729,049	0.0008919351	716,179	0.0008616146
28250	Waterford School District	24,471,836	0.0058533122	4,977,111	0.0059878174
28260	West Bloomfield Schools	14,972,385	0.0035811798	2,891,066	0.0034781575
28820	Hart Public Schools	3,235,614	0.0007739125	641,184	0.0007713897
28830	Walkerville Public Schools	693,571	0.0001658922	145,192	0.0001746766
28840	Pentwater Public Schools	681,112	0.0001629123	133,153	0.0001601923
28850	Shelby Public Schools	3,376,416	0.0008075904	659,457	0.0007933730
29180	Ontonagon Area School District	712,634	0.0001704519	133,434	0.0001605309
29540	Marion Public Schools	1,024,733	0.0002451015	202,979	0.0002441978
29550	Evart Public Schools	2,357,054	0.0005637736	456,636	0.0005493656
29560	Reed City Public School District	3,253,439	0.0007781758	650,990	0.0007831866
29600	Mio-Ausable Schools	1,129,907	0.0002702575	211,233	0.0002541284
29610	Fairview Area Schools	702,484	0.0001680242	138,533	0.0001666649
29650	Gaylord Community Schools	7,392,780	0.0017682470	1,452,100	0.0017469791
29660	Johannesburg-Lewiston Area Schools	1,693,332	0.0004050208	342,314	0.0004118281
29670	Vanderbilt Area School	306,945	0.0000734168	63,775	0.0000767255
29690	Ottawa Area Intermediate School District	14,354,968	0.0034335026	2,818,903	0.0033913396

		Total Required		Total Required	
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
30620	Hudsonville Public Schools	20,256,848	0.0048451476	4,085,443	0.0049150771
30630	Grand Haven Public Schools	17,500,060	0.0041857635	3,467,709	0.0041719002
30640	Holland Public Schools	10,286,673	0.0024604247	2,154,815	0.0025923949
30700	Coopersville Public Schools	7,003,958	0.0016752463	1,427,225	0.0017170529
30720	Spring Lake Public Schools	6,656,903	0.0015922358	1,337,990	0.0016096973
30740	Zeeland Public Schools	18,294,458	0.0043757720	3,622,361	0.0043579570
30950	Onaway Area Community Schools	1,424,255	0.0003406613	282,270	0.0003395904
30970	Posen Consolidated School	537,557	0.0001285760	108,901	0.0001310156
30980	Rogers City Area Schools	1,138,930	0.0002724157	226,286	0.0002722382
31020	Roscommon Area Public Schools	2,464,125	0.0005893833	479,688	0.0005770985
31030	Houghton Lake Community Schools	2,532,956	0.0006058467	510,219	0.0006138295
31040	Saginaw County Intermediate School District	12,859,384	0.0030757803	2,576,543	0.0030997632
31650	Birch Run Area Schools	4,085,028	0.0009770801	814,733	0.0009801816
31670	Bridgeport-Spaulding Community School District	3,020,011	0.0007223434	595,140	0.0007159953
31700	Carrollton School District	5,853,059	0.0013999678	1,167,454	0.0014045297
31710	Chesaning-Union Schools	3,332,493	0.0007970844	655,709	0.0007888645
31720	Frankenmuth School District	3,160,818	0.0007560224	640,537	0.0007706118
31730	Merrill Community Schools	1,295,927	0.0003099671	259,589	0.0003123043
31740	Hemlock Public Schools	2,420,521	0.0005789539	466,723	0.0005615004
31750	Saginaw City Schools	15,506,435	0.0037089169	3,161,676	0.0038037208
31780	St Charles Community Schools	1,834,744	0.0004388443	365,246	0.0004394169
31800	Freeland Community Schools	3,999,541	0.0009566329	778,233	0.0009362697
31820	St Clair County Regional Educational Service Agency	7,540,546	0.0018035904	1,493,468	0.0017967479
32110	East China School District #3	10,261,650	0.0024544395	2,068,174	0.0024881601
32410	Yale Public School District	4,554,895	0.0010894655	909,237	0.0010938768
32420	Algonac Community Schools	3,259,100	0.0007795300	639,852	0.0007697877
32470	Capac Community Schools	1,636,485	0.0003914238	305,532	0.0003675764
32480	Marysville Public Schools	5,593,406	0.0013378625	1,072,673	0.0012905012
32490	Port Huron Area Schools	19,958,385	0.0047737594	4,015,497	0.0048309274
32520	St Joseph County Intermediate School District	4,531,763	0.0010839327	913,804	0.0010993704
32830	Burr Oak Community Schools	636,059	0.0001521361	127,179	0.0001530052
32840	Colon Community School	1,078,852	0.0002580459	209,449	0.0002519822
32850	Constantine Public Schools	2,813,048	0.0006728407	562,253	0.0006764300
32860	Mendon Community School	1,051,051	0.0002513963	206,039	0.0002478798
32870	Centreville Public Schools	2,122,187	0.0005075966	422,437	0.0005082216
32880	Sturgis Public Schools	6,712,930	0.0016056366	1,326,042	0.0015953225
32890	Three Rivers Community Schools	5,515,746	0.0013192873	1,030,844	0.0012401784

		Total Required Pension	Pension	Total Required OPEB	OPEB
Employer		Employer	Proportionate	Employer	Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
32900	White Pigeon Community Schools	1,570,512	0.0003756439	311,524	0.0003747857
32910	Sanilac County Intermediate School District	1,869,919	0.0004472579	375,559	0.0004518235
33390	Carsonville-Port Sanilac Schools	699,974	0.0001674238	147,634	0.0001776145
33400	Peck Community Schools	842,766	0.0002015775	173,092	0.0002082424
33420	Croswell-Lexington Schools	4,154,804	0.0009937696	803,442	0.0009665979
33430	Brown City Community Schools	1,977,878	0.0004730801	391,610	0.0004711340
33440	Deckerville Community School District	1,518,217	0.0003631357	301,089	0.0003622310
33450	Marlette Community Schools	1,625,643	0.0003888306	320,267	0.0003853038
33460	Sandusky Community Schools	2,266,629	0.0005421451	451,642	0.0005433569
33870	Manistique Area Schools	1,611,321	0.0003854048	316,094	0.0003802830
33880	Shiawassee Regional Educational Service District	5,914,390	0.0014146374	1,216,725	0.0014638064
34650	Byron Area Schools	1,572,200	0.0003760477	311,680	0.0003749728
34660	Corunna Public Schools	4,368,589	0.0010449039	866,701	0.0010427025
34670	New Lothrop Area Public Schools	2,137,051	0.0005111519	418,343	0.0005032959
34680	Owosso Public Schools	7,589,426	0.0018152818	1,537,601	0.0018498432
34690	Perry Public Schools	2,329,374	0.0005571530	469,405	0.0005647281
34700	Morrice Area Schools	1,230,708	0.0002943676	248,832	0.0002993620
34710	Laingsburg Community Schools	2,755,192	0.0006590025	542,913	0.0006531634
34730	Tuscola County Intermediate School District	5,553,963	0.0013284283	1,115,267	0.0013417457
35410	Reese Public Schools	1,665,299	0.0003983157	324,679	0.0003906124
35420	Cass City Public Schools	2,113,957	0.0005056282	415,360	0.0004997071
35450	Mayville Community Schools	1,275,609	0.0003051074	252,015	0.0003031915
35460	Caro Community Schools	3,959,477	0.0009470500	795,638	0.0009572088
35470	Kingston Community Schools	1,452,942	0.0003475229	293,688	0.0003533277
35480	Millington Community School District	2,531,710	0.0006055487	512,762	0.0006168888
35490	Vassar Public Schools	2,409,893	0.0005764118	441,568	0.0005312377
35500	Van Buren County Intermediate School District	11,358,390	0.0027167639	2,299,812	0.0027668367
35660	Wood School District #8	39,958	0.0000095573	7,657	0.0000092115
36080	Mattawan Consolidated School	8,572,857	0.0020505044	1,669,269	0.0020082487
36090	Lawton Community Schools	2,661,983	0.0006367082	540,730	0.0006505363
36100	Bangor Public Schools	2,867,571	0.0006858819	569,094	0.0006846602
36110	Gobles Public Schools	1,717,161	0.0004107203	346,497	0.0004168609
36120	Bloomingdale Public Schools	2,417,126	0.0005781418	460,385	0.0005538753
36130	Covert Public Schools	1,066,334	0.0002550517	220,089	0.0002647827
36140	Decatur Public Schools	1,657,580	0.0003964694	324,937	0.0003909220
36150	Hartford Public Schools	2,706,611	0.0006473825	524,924	0.0006315213
36160		1,061,804	0.0002539682	204,537	0.0002460730
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		Total Required	n	Total Required	OPER
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
36170	Paw Paw Public Schools	5,880,937	0.0014066359	1,165,050	0.0014016377
36180	South Haven Public Schools	4,780,131	0.0011433388	941,454	0.0011326364
36190	Washtenaw Intermediate School District	14,757,342	0.0035297446	3,012,413	0.0036241462
36590	Ann Arbor Public Schools	59,361,683	0.0141984632	11,669,744	0.0140395291
36600	Lincoln Consolidated Schools	9,264,351	0.0022158999	1,858,568	0.0022359892
36610	Manchester Community Schools	2,027,774	0.0004850145	409,244	0.0004923493
36620	Whitmore Lake Public Schools	2,875,944	0.0006878846	590,178	0.0007100257
36650	Saline Area Schools	14,625,130	0.0034981214	2,901,676	0.0034909215
36660	Dexter Community Schools	11,261,424	0.0026935710	2,224,266	0.0026759492
36670	Chelsea School District	7,524,458	0.0017997425	1,470,098	0.0017686327
36680	Milan Area Schools	5,859,923	0.0014016096	1,147,797	0.0013808812
36690	Ypsilanti Community Schools	11,811,175	0.0028250637	2,436,499	0.0029312815
36710	Wayne County Regional Educational Service Agency	9,007,115	0.0021543726	1,837,169	0.0022102442
36740	Flat Rock Community Schools	4,591,014	0.0010981047	911,507	0.0010966072
36790	Gibraltar School District	10,067,474	0.0024079954	2,025,655	0.0024370069
36810	Dearborn Public Schools	69,424,403	0.0166053215	14,084,647	0.0169448280
36811	Henry Ford College	16,245,246	0.0038856299	3,288,835	0.0039567020
36840	Crestwood School District	11,365,123	0.0027183745	2,179,438	0.0026220178
36850	Dearborn Heights School District #7	6,515,992	0.0015585319	1,275,604	0.0015346423
36860	Westwood Community Schools	4,286,560	0.0010252837	847,793	0.0010199553
36870	Ecorse Public Schools	2,863,124	0.0006848182	549,840	0.0006614970
36880	River Rouge Public Schools	4,048,609	0.0009683693	1,028,806	0.0012377262
36890	Lincoln Park Public Schools	19,270,816	0.0046093027	4,041,918	0.0048627138
36910	Southgate Community School District	11,389,144	0.0027241200	2,156,850	0.0025948428
36920	Allen Park Public Schools	10,090,393	0.0024134774	2,015,591	0.0024248983
36930	Melvindale-Northern Allen Park School District	8,221,724	0.0019665184	1,594,921	0.0019188034
36940	Grosse Ile Township Schools	4,464,918	0.0010679443	874,875	0.0010525371
36950	Grosse Pointe Public Schools	22,814,774	0.0054569668	4,316,101	0.0051925752
36960	Hamtramck Public Schools	9,245,576	0.0022114091	1,800,188	0.0021657540
36970	Harper Woods Public Schools	5,376,434	0.0012859658	1,069,864	0.0012871224
36990	Huron School District	7,658,969	0.0018319156	1,532,307	0.0018434740
37000	Livonia Public Schools	45,651,213	0.0109191154	8,954,577	0.0107729902
37010	Trenton Public Schools	7,899,741	0.0018895047	1,556,870	0.0018730243
37020	Riverview Public Schools	6,123,128	0.0014645644	1,200,652	0.0014444692
37040	Garden City Public Schools	11,768,035	0.0028147451	2,349,961	0.0028271702
37080	Wayne-Westland Community Schools	38,618,146	0.0092369068	7,496,770	0.0090191453
37090	Northville Public Schools	21,183,156	0.0050667072	4,171,549	0.0050186694

		Total Required	Damaian	Total Required	ODED
Employer		Pension Employer	Pension Proportionate	OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
37100	Plymouth-Canton Community School District	48,008,610	0.0114829710	9,475,413	0.0113995935
37110	Redford-Union School District #1	8,757,898	0.0020947635	1,794,786	0.0021592545
37120	South Redford School District	9,445,515	0.0022592318	1,902,698	0.0022890803
37130	Romulus Community Schools	6,489,840	0.0015522766	1,325,195	0.0015943036
37150	Taylor School District	20,127,028	0.0048140964	3,994,452	0.0048056090
37160	Van Buren Public Schools	13,488,067	0.0032261522	2,673,416	0.0032163091
37170	Wyandotte Public Schools	16,903,721	0.0040431276	3,343,537	0.0040225116
37180	Wexford-Missaukee Intermediate School District	4,815,569	0.0011518150	968,930	0.0011656910
37390	Cadillac Area Public Schools	6,448,644	0.0015424231	1,297,227	0.0015606556
37400	Manton Consolidated School District	2,107,662	0.0005041224	427,110	0.0005138440
37410	Buckley Community Schools	983,279	0.0002351863	201,075	0.0002419070
37430	Mesick Consolidated Schools	1,413,674	0.0003381304	271,275	0.0003263635
39100	Allendale Public Schools	7,175,913	0.0017163755	1,435,141	0.0017265762
39350	Standish-Sterling Community School District	3,695,118	0.0008838191	731,590	0.0008801547
39370	Lakeshore Public Schools	6,714,049	0.0016059042	1,313,668	0.0015804356
39410	Whittemore-Prescott Area Schools	1,571,854	0.0003759648	301,445	0.0003626601
39420	Forest Hills Public Schools	25,759,440	0.0061612885	5,066,230	0.0060950332
39450	Northwestern Michigan College	5,771,528	0.0013804668	1,137,790	0.0013688417
39810	Coloma Community Schools	2,831,729	0.0006773089	550,484	0.0006622707
39830	Morley-Stanwood Community School	2,693,103	0.0006441517	526,986	0.0006340018
39880	Laker Schools	2,659,389	0.0006360876	522,781	0.0006289430
39890	Western School District	6,500,886	0.0015549187	1,299,689	0.0015636183
39900	Meridian Public Schools	3,293,303	0.0007877109	653,765	0.0007865255
39910	Hamilton Community Schools	7,137,446	0.0017071747	1,429,251	0.0017194903
39920	Owendale-Gagetown Area Schools	402,306	0.0000962259	76,100	0.0000915535
39980	Kentwood Public Schools	27,644,746	0.0066122267	5,659,898	0.0068092581
39990	Saginaw Township Community Schools	11,820,995	0.0028274124	2,363,159	0.0028430482
40010	West Ottawa Public Schools	18,773,293	0.0044903025	3,774,599	0.0045411100
40080	Delta College	12,386,977	0.0029627872	2,503,304	0.0030116522
40090	North Central Michigan College	1,628,998	0.0003896328	356,947	0.0004294323
40110	Akron-Fairgrove Schools	904,867	0.0002164312	172,530	0.0002075659
40330	Nottawa Community School	352,706	0.0000843622	71,204	0.0000856633
40360	Stephenson Area Public Schools	919,414	0.0002199106	179,718	0.0002162131
40370	Chippewa Valley Schools	39,791,016	0.0095174404	7,889,234	0.0094913073
40410	Mona Shores School District #29	10,693,986	0.0025578481	2,122,377	0.0025533702
40650	Waverly Community Schools	9,157,312	0.0021902978	1,834,576	0.0022071252
40660	Northview Public Schools	8,890,961	0.0021265903	1,767,282	0.0021261660

		Total Required Pension	Pension	Total Required OPEB	ОРЕВ
Employer Number	Employer Name	Employer Contributions	Proportionate Share	Employer Contributions	Proportionate Share
41030	Lakewood School District	3,875,010	0.0009268468	752,413	0.0009052056
41040	Kenowa Hills Public Schools	8,206,622	0.0019629063	1,590,408	0.0019133733
41330	Wyoming Public Schools	10,742,244	0.0025693906	2,118,295	0.0025484584
41440	Durand Area Schools	2,999,797	0.0007175083	591,490	0.0007116043
41450	Benzie County Central Schools	3,046,622	0.0007287084	605,021	0.0007278832
41460	Frankfort-Elberta Area Schools	1,747,678	0.0004180196	354,210	0.0004261401
41470	Tri-County Area Schools	4,139,893	0.0009902030	800,908	0.0009635495
41490	Gull Lake Community Schools	8,684,981	0.0020773228	1,827,866	0.0021990523
41500	Schoolcraft Community College	13,934,079	0.0033328318	2,790,702	0.0033574127
41540	Mar Lee School District	743,694	0.0001778808	145,061	0.0001745192
41690	Maple Valley Schools	2,149,350	0.0005140936	410,252	0.0004935618
41700	Carson City-Crystal Area Schools	1,828,443	0.0004373373	358,054	0.0004307647
41710	Bay De Noc Community College	1,785,907	0.0004271633	357,517	0.0004301179
41720	Kaleva Norman Dickson School District	1,306,306	0.0003124496	248,271	0.0002986875
41740	Oakridge Public Schools	4,606,653	0.0011018454	898,658	0.0010811493
41750	Central Montcalm Public Schools	3,448,256	0.0008247734	684,266	0.0008232204
41790	Macomb Community College	26,684,078	0.0063824488	5,487,926	0.0066023639
41810	Charlevoix-Emmet Intermediate School District	5,313,455	0.0012709022	1,083,672	0.0013037342
41820	Marquette-Alger Intermediate School District	4,086,095	0.0009773353	946,954	0.0011392532
41860	Muskegon Co Community College	4,847,245	0.0011593914	966,063	0.0011622426
41910	River Valley School District	1,835,153	0.0004389423	351,387	0.0004227435
42070	Norway-Vulcan Area Schools	1,464,204	0.0003502166	294,119	0.0003538463
42080	Lake Michigan College	2,439,100	0.0005833976	494,003	0.0005943207
42120	Ovid-Elsie Area Schools	3,533,574	0.0008451802	683,134	0.0008218584
42300	Monroe County Community College	4,133,367	0.0009886422	846,384	0.0010182594
42310	Southwestern Michigan College	1,465,604	0.0003505514	303,353	0.0003649550
42370	Pine River Area Schools	2,426,056	0.0005802778	478,539	0.0005757160
42380	Oakland Community College	21,521,381	0.0051476058	4,279,877	0.0051489951
42450	Lansing Community College	18,292,589	0.0043753250	3,659,608	0.0044027682
42490	Benton Harbor Area Schools	4,122,252	0.0009859835	846,697	0.0010186366
42500	Montcalm Community College	2,769,047	0.0006623163	540,654	0.0006504446
42510	Jackson College	2,413,555	0.0005772878	473,660	0.0005698461
42520	Gogebic-Ontonagon Intermediate School District	1,942,139	0.0004645319	414,391	0.0004985415
42560	Coor Intermediate School District	1,862,629	0.0004455143	384,280	0.0004623162
42580	Cheboygan Area School District	3,938,552	0.0009420452	777,029	0.0009348206
42600	West Branch-Rose City Area Schools	4,200,650	0.0010047352	843,027	0.0010142208
42640	Washtenaw Community College	15,151,517	0.0036240256	3,080,395	0.0037059335

Employer		Total Required Pension Employer	Pension Proportionate	Total Required OPEB Employer	OPEB Proportionate
Number	Employer Name	Contributions	Share	Contributions	Share
42650	North Dickinson School	562,766	0.0001346057	106,477	0.0001280999
42680	Glen Oaks Community College	1,025,594	0.0002453073	214,640	0.0002582272
42730	Mid Michigan College	3,737,426	0.0008939386	745,794	0.0008972431
42740	Engadine Consolidated School District #4	862,438	0.0002062828	168,734	0.0002029989
42810	Montabella Community Schools	1,983,811	0.0004744992	394,605	0.0004747379
42820	Swan Valley School District	3,999,406	0.0009566006	801,912	0.0009647574
42850	Crawford-Ausable School District	3,806,620	0.0009104890	759,437	0.0009136568
42870	Big Bay De Noc School District	485,224	0.0001160585	98,114	0.0001180382
42900	Gogebic Community College	861,478	0.0002060531	172,545	0.0002075841
42980	Kalamazoo Valley Community College	7,721,327	0.0018468308	1,563,374	0.0018808502
43020	Chippewa Hills School District	4,928,895	0.0011789210	962,737	0.0011582408
43030	West Iron County Public Schools	1,948,180	0.0004659767	384,147	0.0004621555
43040	Forest Park School District	1,098,521	0.0002627506	218,959	0.0002634231
43060	Ironwood-Gogebic City Area Schools	1,966,225	0.0004702929	382,344	0.0004599864
43080	Ewen-Trout Creek Consol School District	442,517	0.0001058437	86,904	0.0001045511
43100	Kirtland Community College	2,298,639	0.0005498014	467,840	0.0005628446
43170	West Shore Community College	1,434,136	0.0003430247	293,856	0.0003535298
43240	St Clair County Community College	4,443,228	0.0010627564	889,992	0.0010707238
43310	Unionville-Sebewaing Area Schools	1,494,111	0.0003573700	290,306	0.0003492584
43440	Jenison Public Schools	15,166,098	0.0036275130	3,044,043	0.0036621997
43450	Woodhaven-Brownstown School District	16,018,595	0.0038314183	3,267,615	0.0039311720
44010	Wayne County Community College	16,382,492	0.0039184571	3,275,398	0.0039405357
44920	Charles S Mott Community College	10,848,716	0.0025948573	2,203,509	0.0026509770
44960	North Central Area Schools	748,950	0.0001791380	142,792	0.0001717886
45000	Kellogg Community College	5,299,294	0.0012675150	1,088,600	0.0013096631
45780	Nice Community Schools	3,391,955	0.0008113069	686,557	0.0008259771
46510	Forest Area Schools	1,140,619	0.0002728197	218,700	0.0002631120
47180	East Jordan Public Schools	2,508,126	0.0005999077	496,239	0.0005970106
47190	Boyne City Public Schools	3,475,164	0.0008312094	678,350	0.0008161034
47200	Mid Peninsula Schools	540,948	0.0001293869	105,980	0.0001275019
47930	Alpena Community College	2,728,045	0.0006525093	534,600	0.0006431615
49130	Kalamazoo Public Library	186,586	0.0000446287	29,976	0.0000360627
49230	Grand Rapids Community College	18,412,236	0.0044039427	3,682,203	0.0044299510
60000	Macomb Academy	138,910	0.0000332253	31,529	0.0000379319
60020	Walden Green Day School Inc	45,654	0.0000109197	8,610	0.0000103584
60050	Nah Tah Wahsh Public School Academy	705,284	0.0001686939	136,130	0.0001637745
*60070	Windover High School	-	-	-	-

^{*}Employer had no statutorily required contributions. See Note 2. The accompanying notes are an integral part of this schedule.

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
60100	Honey Creek Community School	696,127	0.0001665035	140,763	0.0001693484
60110	Bay-Arenac Community High School	364,274	0.0000871292	72,621	0.0000873682
60120	Da Vinci Institute	1,076,211	0.0002574143	223,605	0.0002690122
*60130	El-Hajj Malik El-Shabazz Academy	-	-	-	-
60280	A G B U Alex & Marie Manoogian School	819,152	0.0001959294	160,432	0.0001930107
60380	Joseph K. Lumsden P S Academy	2,614,453	0.0006253396	522,552	0.0006286667
60390	Martin Luther King Jr	632,603	0.0001513095	118,944	0.0001430984
60410	Woodland Park Academy	562,703	0.0001345906	105,885	0.0001273871
*60440	Central Academy	-	-	-	-
*60510	Summit Academy	-	-	-	-
*60580	Midland Academy of Advanced and Creative Studies	-	-	-	-
**60600	Academy For Business And Technology	23,552	0.0000056332	-	-
**60720	Flat River Academy	7,157	0.0000017120	-	-
**60750	Pontiac Academy For Excellence	27,789	0.0000066468	-	-
*60760	Charlevoix Academy	-	-	-	-
60830	Countryside Academy	1,494,050	0.0003573553	301,246	0.0003624206
*60850	Detroit Community High School	-	-	-	-
60890	Henry Ford Academy	1,088,613	0.0002603807	217,959	0.0002622206
60930	Dearborn Academy	44,854	0.0000107284	9,128	0.0000109819
60980	North Star Academy	344,553	0.0000824121	62,355	0.0000750171
61040	Washtenaw Technical Middle College	1,150,893	0.0002752771	232,518	0.0002797359
**61140	Will Carleton Charter School Academy	8,396	0.0000020082	-	-
61220	Summit Academy North	56,519	0.0000135184	9,777	0.0000117620
61240	Creative Technologies Academy	722,224	0.0001727457	141,048	0.0001696906
**61380	Francis Reh Public School Academy	18,933	0.0000045285	-	-
61400	Detroit Edison Public School Academy	87,925	0.0000210305	17,677	0.0000212663
*61620	Hope of Detroit Academy	-	-	-	-
*61630	Joy Preparatory Academy	-	-	-	-
61670	Holly Academy	1,349,873	0.0003228702	261,364	0.0003144392
61700	West Village Academy	38,956	0.0000093176	6,983	0.0000084009
61810	Grand Rapids Child Discovery Center	624,767	0.0001494353	126,393	0.0001520591
61840	George Washington Carver Academy	57,191	0.0000136792	10,929	0.0000131480
*61900	Advanced Technology Academy	-	-	-	-
61960	Arts Academy In The Woods	675,526	0.0001615762	143,635	0.0001728034
61970	Battle Creek Area Learning Center	40,688	0.0000097319	7,895	0.0000094978
62040	Presque Isle Academy II	66,687	0.0000159507	12,970	0.0000156042
62060	Outlook Academy	206,158	0.0000493100	41,045	0.0000493797

^{*}Employer had no statutorily required contributions. See Note 2.

^{**}Employer had no statutorily required OPEB contributions. See Note 2.

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
62180	Richfield Public School Academy	98,502	0.0000235602	19,944	0.0000239941
*62360	Crescent Academy	-	-	· -	-
*62370	Academy of Warren	-	-	-	-
*62500	Academic and Career Education Academy	-	-	-	-
62590	Three Lakes Academy	264,539	0.0000632739	52,415	0.0000630592
62610	Virtual Learning Academy Of St Clair	276,899	0.0000662303	60,221	0.0000724497
*62620	Michigan Math and Science Academy	-	-	-	-
**62660	Washington-Parks Academy	2,026	0.0000004845	-	-
*62740	Madison Academy	-	-	-	-
*62830	Detroit Leadership Academy	-	-	-	-
*62940	West Michigan Aviation Academy	-	-	-	-
62950	Blue Water Middle College Academy	151,644	0.0000362711	28,449	0.0000342265
*63050	Relevant Academy of Eaton County	-	-	-	-
*63230	Cornerstone Health School	-	-	-	-
*63310	Madison-Carver Academy	-	-	-	-
*63350	WSC Academy	-	-	-	-
63390	The New Standard Academy	9,154	0.0000021896	3,303	0.0000039740
63430	Muskegon Heights Public School Academy	43,763	0.0000104674	10,554	0.0000126968
*63440	Greater Heights Academy	-	-	-	-
63520	Rising Stars Academy	38,424	0.0000091905	5,654	0.0000068021
*63530	Detroit Public Safety Academy	-	-	-	-
*63580	Covenant House Academy Grand Rapids	-	-	-	-
*63590	Covenant Schools Detroit	-	-	-	-
*63730	Michigan Great Lakes Virtual Academy	-	-	-	-
63780	Waterford Montessori Academy	4,519	0.0000010808	1,013	0.0000012190
*63960	New School High	-	-	-	-
**64160	Cornerstone Jefferson-Douglass Academy	14,276	0.0000034147	-	-
*64170	Distinctive College Prep	-	-	-	-
**64200	Michigan International Prep School	6,188	0.0000014801	-	-
*64210	Michigan Online School	-	-	-	-
64310	Flint Cultural Center Academy	67,785	0.0000162133	13,276	0.0000159714
*70000	Cheboygan Area Public Library	-	-	-	-
70010	Bacon Memorial District Library	19,650	0.0000046999	2,965	0.0000035670
70020	Willard Library	51,694	0.0000123645	9,106	0.0000109548
70030	Grosse Pointe Public Library	32,471	0.0000077665	5,628	0.0000067707
70040	Public Libraries Of Saginaw	26,602	0.0000063629	4,618	0.0000055558
70070	Ann Arbor District Library	171,090	0.0000409223	29,053	0.0000349533

^{*}Employer had no statutorily required contributions. See Note 2.

^{**}Employer had no statutorily required OPEB contributions. See Note 2.

		Total Required		Total Required			
		Pension	Pension	OPEB	OPEB		
Employer		Employer	Proportionate	Employer	Proportionate		
Number	Employer Name	Contributions	Share	Contributions	Share		
70090	Flint Public Library	215,517	0.0000515485	28,509	0.0000342986		
70100	Hackley Public Library	111,322	0.0000266266	18,234	0.0000219366		
70120	Mount Clemens Public Library	67,363	0.0000161122	10,110	0.0000121633		
Total		\$ 4,180,852,683	0.999999993	\$ 831,206,231	1.000000005		

Employer Number	Employer Name	Total Required Pension Employer Contributions		Pension Proportionate Share	Total Required OPEB Employer Contributions		OPEB Proportionate Share	
44730	Central Michigan University	\$	1,908,097	0.2493860113	\$	99,214	0.2457683319	
44740	Eastern Michigan University		975,517	0.1274988731		52,880	0.1309912130	
44750	Michigan Technological University		862,952	0.1127868577		45,280	0.1121659993	
44760	Northern Michigan University		781,632	0.1021583813		48,832	0.1209652997	
44770	Western Michigan University		1,716,694	0.2243698056		90,349	0.2238087739	
44780	Ferris State University		1,206,103	0.1576362775		60,637	0.1502077677	
44790	Lake Superior State University		200,184	0.0261637935		6,496	0.0160926145	
Total	•	\$	7,651,179	1.0000000000	\$	403,688	1.0000000000	

Michigan Public School Employees' Retirement System Schedule Of Collective Pension Amounts As Of And For The Fiscal Year Ended September 30, 2024

				Deferred Outflows of Resources							_			
	September 30, 2024 Net Pension Liability		Differences Between Expected and Changes of Actual Experience Assumptions			Т	otal Deferred Outflows of Resources Excluding Employer- Specific Amounts*	Ex	ifferences Between pected and Actual xperience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Inflows of Resources Excluding Employer- Specific Amounts*	Pension Expense Excluding That Attributable to Employer-Paid Member Contributions*	
Non-Universities**	\$	24,482,016,787	\$	664,214,343	\$ 2,552,395,349	\$	3,216,609,692	\$	266,000,460	\$ 4,672,206,557	\$ 1,793,757,547	\$6,731,964,564	\$2,022,653,805	
Universities**		(87,651,864)					_			80,341,082	-	80,341,082	(24,449,781)	
System Total	\$	24,394,364,923	\$	664,214,343	\$ 2,552,395,349	\$	3,216,609,692	\$	266,000,460	\$4,752,547,639	\$1,793,757,547	\$6,812,305,646	\$1,998,204,024	

^{*} Employer-specific amounts that are excluded from this schedule are the changes in proportion and differences between employer contributions and proportionate share of contributions as well as the related amortization as defined in paragraphs 54-55 of GASB Statement No. 68, Accounting and Financial Reporting for Pensions.

^{**}Employer-level results may not add to the System-wide results due to rounding.

Michigan Public School Employees' Retirement System Schedule Of Collective Other Postemployment Benefit (OPEB) Amounts As Of And For The Fiscal Year Ended September 30, 2024

		Defer	red Outflows of Re	esources	-				
	September 30, 2024 Net OPEB Liability	Differences Between Expected and Actual Experience Changes of Assumptions		Total Deferred Outflows of Resources Excluding Employer- Specific Amounts*	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Changes of Assumptions	Total Deferred Inflows of Resources Excluding Employer- Specific Amounts*	OPEB Expense Excluding That Attributable to Employer-Paid Member Contributions*
Non-Universities**	\$ (4,304,397,666)	-	\$940,142,390	\$ 940,142,390	\$4,561,347,012	\$ 814,871,833	\$ 108,061,580	\$ 5,484,280,425	\$ (1,556,729,337)
Universities**	(139,584,270)			<u>-</u>	<u>-</u>	14,984,086		14,984,086	(39,707,130)
System Total	\$ (4,443,981,936)		\$940,142,390	\$ 940,142,390	\$4,561,347,012	\$ 829,855,919	\$ 108,061,580	\$ 5,499,264,511	\$ (1,596,436,467)

^{*} Employer-specific amounts that are excluded from this schedule are the changes in proportion and differences between employer contributions and proportionate share of contributions as well as the related amortization as defined in paragraphs 64-65 of GASB Statement No. 75, Accounting and Financial Reporting for Postemployment Benefit Plans Other Than Pensions.

^{**}Employer-level results may not add to the System-wide results due to rounding.

Michigan Public School Employees' Retirement System Notes to the Schedules of Employer Allocations and Collective Pension and OPEB Amounts As of and for the Fiscal Year Ended September 30, 2024

Note 1: Plan Description

Organization

The Michigan Public School Employees' Retirement System (System or MPSERS) is a cost-sharing, multiple employer, state-wide, defined benefit (DB) public employee retirement plan and a fiduciary component unit of the State of Michigan (State) originally created under Public Act (PA) 136 of 1945, recodified and currently operating under the provisions of PA 300 of 1980, as amended. Section 25 of this act establishes the board's authority to promulgate or amend the provisions of the System. The board consists of twelve members – eleven appointed by the Governor and the State Superintendent of Instruction, who serves as an ex-officio member.

The System is administered by the Office of Retirement Services within the Michigan Department of Technology, Management & Budget. The Department Director appoints the Office Director, with whom the general oversight of the System resides. The State of Michigan Investment Board serves as the investment fiduciary and custodian for the System.

Plan Membership

The System's pension plan was established by the State to provide retirement, survivor and disability benefits to public school employees. In addition, the System's health plan provides eligible retirees with the option of receiving health, prescription drug, dental and vision coverage under the Michigan Public School Employees Retirement Act. There are more than 685 participating employers, adjusted for changes to employer status that occurred during the measurement period. The System is a qualified pension trust fund under section 401(a) of the Internal Revenue Code.

By statute, employees of K-12 public school districts, public school academies, district libraries, tax-supported community colleges and seven universities may be members. In 1995, PA 272 amended the Retirement Act to exclude new university employees from MPSERS, effective January 1, 1996. These employees became members of an alternative plan. As a result of PA 272, the seven participating university employers (Eastern Michigan University, Central Michigan University, Northern Michigan University, Western Michigan University, Ferris State University, Michigan Technological University, and Lake Superior State University) would be responsible for their own unfunded actuarial accrued liability (UAAL).

Additionally, due to PA 272, separate actuarial valuations are performed for the university employers and the non-university employers (K12 districts, intermediate school districts (ISDs), charter schools/public school academies, district libraries, and community colleges), and separate employer contribution rates are calculated for the two employer types based on those actuarial valuations. Therefore, the net pension liability and pension expense are presented separately for the two employer types.

Since the OPEB plan began to be prefunded, separate OPEB actuarial valuations have been performed for the university and non-university employers, and separate employer OPEB contribution rates are calculated using the two actuarial valuations. Therefore, the net OPEB liability and OPEB expense are presented separately for the two employer types.

The System's financial statements are available on the ORS website at www.michigan.gov/orsschools.

Note 2: Summary of Significant Accounting Policies

Governmental Accounting Standards Board (GASB) Statements 68 and 75

Employers participating in the System are required to report pension information in their financial statements for fiscal periods beginning on or after June 15, 2014, in accordance with Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions*, as amended.

Employers participating in the System are required to report information about OPEB in their financial statements for fiscal periods beginning on or after June 15, 2017, in accordance with Governmental Accounting Standards Board (GASB) Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, as amended.

The requirements of GASB 68 and 75 incorporate provisions intended to reflect the effects of transactions and events related to pensions and OPEB in the measurement of employer liabilities and recognition of expense and deferred outflows of resources and deferred inflows of resources related to pensions and OPEB.

The Schedules of Employer Allocations recognize the employers' proportionate share of the collective net pension and OPEB liabilities determined in conformity with GASB 68 and 75. The Schedule of Collective Pension Amounts recognizes the collective pension expense, including ending net pension liability, deferred inflows of resources and deferred outflows of resources related to the System's pension plan. The Schedule of Collective OPEB Amounts recognizes the collective OPEB expense, including ending net OPEB liability, deferred inflows of resources and deferred outflows of resources related to the System's OPEB plan. These schedules were prepared by ORS with assistance from its third-party actuaries and provide employers with the required information for financial reporting related to the System's pension and OPEB plans as of and for the fiscal year ended September 30, 2024 (the measurement period).

Basis of Accounting and Presentation

The System's financial statements are prepared using the accrual basis of accounting, in accordance with accounting principles generally accepted in the United States (GAAP). Employer contributions are recognized as revenue when due and payable. Benefits and refunds are recognized when due and payable in accordance with the terms of the System.

The Schedules of Employer Allocations, Schedule of Collective Pension Amounts, and Schedule of Collective OPEB Amounts were prepared in conformity with GAAP. The preparation of these schedules required management to make estimates and assumptions that affect certain amounts and disclosures. Actual results could differ from those estimates.

The schedules present elements of the financial statements of the System and its participating employers and are not a complete financial presentation of the System or its participating employers.

Proportionate Share Allocation Methodology

In determining the proportionate share allocation, GASB Statements 68 and 75 require the basis for each employer's proportion be consistent with the determination of the System's contributions. The System has determined that utilizing the statutorily required employer pension and OPEB contributions based on reportable compensation during the System's fiscal year is an appropriate allocation methodology. Each employer's proportionate share allocation is determined by dividing each employer's statutorily required contributions to the system during the measurement period by the percent of contributions required from all applicable employers during the measurement period.

In fiscal year ended September 30, 1995, the System's actuaries allocated the System's net position between non-university employers and university employers based on the employer groups' share of the unfunded actuarial accrued liability. Starting in fiscal year ended September 30, 1996, the actuaries accounted for the member activity and applied the applicable actuarial assumptions for university employers to determine the university employers' net position. With the implementation of GASB 68, the actuaries prepared separate valuations for non-university employers and university employers that calculate the total pension liability, net position and net pension liability.

Prior to the fiscal year ended September 30, 2013, non-university OPEB was funded on a pay-as-you-go basis. Prior to the fiscal year ended September 30, 2015, university OPEB was funded on a pay-as-you-go basis. For the purposes of the proportionate share allocation methodology the Office of Retirement Services allocated the System's net OPEB position between non-university employers and university employers based on the employer group's proportionate share of the System's total membership as of the fiscal year beginning October 1, 2009. Starting in the fiscal year beginning October 1, 2014, the actuaries accounted for the member activity and applied the applicable actuarial assumptions for university employers to determine the university employers' net OPEB position. With the implementation of GASB 75, the actuaries prepared separate valuations for non-university employers and university employers that calculate the total OPEB liability, net position and net OPEB liability.

The Schedules of Employer Allocations display the proportionate allocation to contributing employers within the System. Required employer pension contributions for non-university employers are comprised of pension normal cost, pension unfunded actuarial accrued liability (UAAL), and pension early retirement incentive contributions. Required employer pension contributions for university employers are comprised of pension normal cost and pension UAAL charged on active member payroll, UAAL charged on university non-member payroll and the minimum required payroll established by PA 136 of 2016. Required employer pension contributions for both non-university and university employers also include the UAAL rate stabilization contributions. Required employer OPEB contributions for both non-university and university employers are comprised of OPEB normal cost and OPEB UAAL. Required employer OPEB contributions for university employers also include UAAL charged on university non-member payroll and the minimum required payroll established by PA 136 of 2016.

Employers that had no statutorily required pension or OPEB contributions for the fiscal year are identified with an asterisk (*) in the employer allocation schedules. Employers that had statutorily required pension contributions but no statutorily required OPEB contributions are identified with two asterisks (**) in the schedules. These employers have residual deferred inflows and/or deferred outflows which are being amortized over the current and future year's pension and/or OPEB expense.

The Schedules of Employer Allocations have been rounded and present the first ten decimal places.

Note 3: Net Pension and OPEB Liability

The System's net pension liability is measured as the total pension liability, less the amount of the pension plan's fiduciary net position. In actuarial terms, this is the accrued liability less the market value of assets.

Net Pension Liability As of October 1, 2023		Non-University Employers		University Employers		System Total
Total Pension Liability	\$	94,947,828,557	\$	1,164,121,314	\$	96,111,949,871
Fiduciary Net Position	_	(62,581,762,238)	_	(1,141,054,558)		(63,722,816,796)
Net Pension Liability*	\$	32,366,066,319	\$	23,066,756	\$	32,389,133,075
Fiduciary Net Position as a Percentage of Total Pension Liability		65.91%	-	98.02%	-	66.30%
Net Pension Liability as a Percentage of Covered Payroll		320.51%		10.01%		313.58%

^{*}Employer-level results may not add to the System-wide results due to rounding.

Net Pension Liability As of September 30, 2024	Non-University Employers			University Employers		System Total
Total Pension Liability	\$	95,765,499,515	\$	1,136,434,945	\$	96,901,934,460
Fiduciary Net Position		(71,283,482,728)		(1,224,086,809)	_	(72,507,569,537)
Net Pension Liability*	\$	24,482,016,787	\$	(87,651,864)	\$	24,394,364,923
Fiduciary Net Position as a Percentage of Total Pension Liability	_	74.44%		107.71%	_	74.83%
Net Pension Liability as a Percentage of Covered Payroll		227.56%		(37.29)%		221.90%

^{*}Employer-level results may not add to the System-wide results due to rounding.

The System's net OPEB liability is measured as the total OPEB liability, less the amount of the OPEB plan's fiduciary net position. In actuarial terms, this is the accrued liability less the market value of assets.

Net OPEB Liability As of October 1, 2023		Non-University Employers		University Employers		System Total		
Total OPEB Liability	\$	11,223,648,949	\$	143,414,233	\$	11,367,063,182		
Fiduciary Net Position		(11,789,347,341)		(227,969,901)		(12,017,317,242)		
Net OPEB Liability*	\$	(565,698,392)	\$	(84,555,668)	\$	(650,254,060)		
Fiduciary Net Position as a Percentage of Total OPEB Liability	_	105.04%	•	158.96%	-	105.72%		
Net OPEB Liability as a Percentage of Covered Payroll		(5.60)%		(36.69)%		(6.30)%		

^{*}Employer-level results may not add to the System-wide results due to rounding.

Net OPEB Liability As of September 30, 2024		Non-University Employers		University Employers		System Total
Total OPEB Liability	\$	9,991,545,923	\$	116,682,526	\$	10,108,228,449
Fiduciary Net Position		(14,295,943,589)	_	(256,266,796)	_	(14,552,210,385)
Net OPEB Liability*	\$	(4,304,397,666)	\$	(139,584,270)	\$	(4,443,981,936)
Fiduciary Net Position as a Percentage of Total OPEB Liability		143.08%	_	219.63%	_	143.96%
Net OPEB Liability as a Percentage of Covered Payroll		(40.01)%		(59.38)%		(40.42)%

^{*}Employer-level results may not add to the System-wide results due to rounding.

Discount Rate

A discount rate of 6.00% was used to measure the total pension liability. This discount rate was based on the long-term expected rate of return on pension plan investments of 6.00%. A discount rate of 6.00% was used to measure the total OPEB liability. This discount rate was based on the long-term expected rate of return on OPEB plan investments of 6.00%. The projection of cash flows used to determine these discount rates assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the fiduciary net positions of both the pension and OPEB plans were projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension and OPEB plan investments was applied to all periods of projected benefit payments to determine the total pension and OPEB liabilities.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

As required by GASB Statement No. 68, the following presents the System's net pension liability for university employers and non-university employers, as well as what the System's net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher:

	<u>5.</u>	1% Decrease* 00% / 5.00% / 5.00%	Current Single Discount Rate* 6.00% / 6.00% / 6.00%	1% Increase* 7.00% / 7.00% / 7.00%
Non-University Employers	\$	35,890,899,645 \$	24,482,016,787	\$ 14,981,926,702
University Employers		17,355,873	(87,651,864)	(177,901,923)
System Total	\$	35,908,255,518 \$	24,394,364,923	\$ 14,804,024,779

^{*} Discount rates listed in the following order: Basic and Member Investment Plan (MIP), Pension Plus, and Pension Plus 2. Non-university employers provide Basic, MIP, Pension Plus and Pension Plus 2 plans. University employers provide only the Basic and MIP plans.

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

As required by GASB Statement No. 75, the following table presents the System's net OPEB liability, calculated using a discount rate of 6.00%, as well as what the System's net OPEB liability would be if it were calculated using a discount rate that is one percent lower or one percent higher:

	_	1% Decrease 5.00%	Current Single Discount Rate 6.00%	_	1% Increase 7.00%
Non-University Employers	\$	(3,326,474,009) \$	(4,304,397,666)	\$	(5,149,916,004)
University Employers		(129,589,005)	(139,584,270)		(148,235,831)
System Total	\$	(3,456,063,014) \$	(4,443,981,936)	\$	(5,298,151,835)

Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rate

As required by GASB Statement No. 75, the following presents the System's net OPEB liability calculated using assumed trend rates, as well as what the System's net OPEB liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher:

	1% Decrease	Current Healthcare Cost Trend Rate	1% Increase
Non-University Employers	\$ (5,149,925,198)	\$ (4,304,397,666)	\$ (3,397,574,013)
University Employers	(148,762,268)	(139,584,270)	(129,304,040)
System Total	\$ (5,298,687,466)	\$ (4,443,981,936)	\$ (3,526,878,053)

Timing of the Pension and OPEB Plan Valuations

An actuarial valuation to determine the total pension liability is required to be performed every year. An actuarial valuation to determine the total OPEB liability is required to be performed at least every two years. The MPSERS pension and OPEB valuations are performed every year. If the actuarial valuation is not calculated as of the plan's fiscal year end, the total pension liability or total OPEB liability is required to be rolled forward from the actuarial valuation date to the pension or OPEB plan's fiscal year end.

The total pension and OPEB liabilities as of September 30, 2024, are based on the results of an actuarial valuation date of September 30, 2023, and rolled forward using generally accepted actuarial procedures.

Actuarial Valuations and Assumptions

Actuarial valuations for the pension and OPEB plans involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment and mortality.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the fall of 2017, the Department of Technology, Management, and Budget Director and the MPSERS Retirement Board adopted a dedicated gains policy to lower the discount rate below 7.50% in years where investment returns exceed the current assumption based on a schedule determined by the plan actuary. Excess investment gains in the 2021 fiscal year were sufficient to reduce the discount rate for the MPSERS non-hybrid and the Pension Plus plans from 6.80% to 6.00%, and to reduce the MPSERS OPEB plan discount rate to 6.00% from 6.95% beginning with the September 30, 2021 actuarial valuations. There were no new changes to the discount rates for the September 30, 2024 actuarial valuations.

Additional information as of the latest actuarial valuation follows:

Summary of Actuarial Assumptions

Valuation Date: September 30, 2023
Actuarial Cost Method: Entry Age, Normal

Wage Inflation Rate: 2.75%

Investment Rate of Return:

Basic and MIP plans:
Pension Plus plan:
Pension Plus 2 plan:
OPEB Plan (Retiree Healthcare Fund):
6.00% net of investment expenses
6.00% net of investment expenses
6.00% net of investment expenses

Projected Salary Increases: 2.75 - 11.55%, including wage inflation at 2.75% Cost-of-Living Pension Adjustments: 3% Annual Non-Compounded for MIP Members Healthcare Cost Trend Rate: Pre-65: 7.25% year 1 graded to 3.50% Year 15

Post-65: 6.50% Year 1 graded to 3.50% Year 15

Mortality:

Retirees: PubT-2010 Male and Female Retiree Mortality Tables scaled by 116% for males and 116% for

females and adjusted for mortality improvements using projection scale MP-2021 from 2010.

Active: PubT-2010 Male and Female Employee Mortality Tables scaled 100% and adjusted for mortality

improvements using projection scale MP-2021 from 2010

Other OPEB Assumptions:1

Opt-Out Assumption 21% of eligible participants hired before July 1, 2008 and 30% of

those hired after June 30, 2008 are assumed to opt out of the retiree

health plan

Survivor Coverage 80% of male retirees and 67% of female retirees electing two-person

coverage are assumed to have coverage continuing after the retiree's

death

Coverage Election at Retirement Of those not opting out, 75% of male and 60% of female future

retirees who elect coverage are assumed to elect coverage for 1 or

more dependents

Notes:

- Assumption changes as a result of an experience study for the periods 2017 through 2022 have been adopted by the System for use in the determination of the total pension and OPEB liabilities beginning with the September 30, 2023 valuation.
- Recognition period for pension liabilities is the average of the expected remaining service lives of all employees in years is as follows:
 - University employers: 1.0000
 - Non-university employers: 4.4612
- Recognition period for pension assets in years is 5.0000
- Recognition period for OPEB liabilities is the average of the expected remaining service lives of all employees in years is as follows:
 - University employers: 1.0000
 - Non-university employers: 6.2834
- Recognition period for OPEB assets in years is 5.0000
- Full actuarial assumptions are available in the 2024 MPSERS ACFR found on the ORS website at www.michigan.gov/orsschools

¹Applies to individuals hired before September 4, 2012.

Note 4: Pension and OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions and OPEB

Pension Plan

The following table provides details of the System's pension expense for the fiscal year ended September 30, 2024.

Expense	Non-University Employers	University Employers		System Total
Service Cost	\$ 1,244,324,785 \$	3,524,127	\$	1,247,848,912
Interest on the Total Pension Liability	5,566,602,040	67,098,716		5,633,700,756
Current-Period Benefit Changes	(83,247,098)	(241,375)		(83,488,473)
Employee Contributions (shown as negative for addition here)	(469,466,534)	(926,078)		(470,392,612)
Projected Earnings on Plan Investments (shown as negative for addition here)	(3,727,340,444)	(65,857,658)		(3,793,198,102)
Pension Plan Administrative Expense ¹	26,440,395	373,821		26,814,216
Other Changes in Plan Fiduciary Net Position ²	(288,754)	102,071		(186,683)
Recognition of Outflow (Inflow) of Resources due to Liabilities	1,348,864,308	(2,924,937)		1,345,939,371
Recognition of Outflow (Inflow) of Resources due to Assets	 (1,883,234,893)	(25,598,468)	_	(1,908,833,361)
Total Pension Expense ³	\$ 2,022,653,805 \$	(24,449,781)	\$	1,998,204,024

¹The Net Investment Income and the Administrative Expenses attributable to University and Non-University employers are derived by allocating the total MPSERS values in proportion to the average market values of assets.

²Other includes \$99,071 attributable to a transfer of assets to the University MPSERS group associated with demographic movement between groups.

³Employer-level results may not add to the System-wide results due to rounding.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in future years' pension expense as follows:

Net Deferred Outflows (Inflows) of Resources

Fiscal Year Ending September 30		Non-University Employers	University Employers	System Total
2025	\$	(747,150,593)\$	(27,340,755) \$	(774,491,348)
2026		164,390,688	(7,018,523)	157,372,165
2027		(1,720,533,483)	(25,156,899)	(1,745,690,382)
2028		(1,212,061,484)	(20,824,905)	(1,232,886,389)
2029		-	-	-
Thereafter	_	<u> </u>	<u> </u>	_
Total	\$_	(3,515,354,872) \$	(80,341,082) \$	(3,595,695,954)

Other Postemployment Benefit Plan

The following table provides details of the OPEB plan expense for the fiscal year ended September 30, 2024.

Expense	Non-University Employers	University Employers	System Total
Service Cost	\$ 237,004,143 \$	978,961	\$ 237,983,104
Interest on the Total OPEB Liability	670,733,658	8,428,296	679,161,954
Current-Period Benefit Changes	-	-	-
Employee Contributions (shown as negative for addition here)	(201,341,009)	(821,239)	(202,162,248)
Projected Earnings on Plan Investments (shown as negative for addition here)	(727,447,006)	(13,505,055)	(740,952,061)
OPEB Plan Administrative Expense ¹	8,493,643	139,284	8,632,927
Other Changes in Plan Fiduciary Net Position ²	(120,863)	36,105	(84,758)
Recognition of Outflow (Inflow) of Resources due to Liabilities	(1,251,074,254)	(29,274,743)	(1,280,348,997)
Recognition of Outflow (Inflow) of Resources due to Assets	(292,977,649)	(5,688,739)	(298,666,388)
Total OPEB Expense ³	\$ (1,556,729,337) \$	(39,707,130)	\$ (1,596,436,467)

¹The Net Investment Income and the Administrative Expenses attributable to University and Non-University members are derived from the total MPSERS values by allocating in proportion to the average market value of assets.

²Other includes \$36,105 attributable to a transfer of assets to the University MPSERS group associated with demographic movement between the groups.

³Employer-level results may not add to the System-wide results due to rounding.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in future years' OPEB expense as follows:

Net Deferred Outflows (Inflows) of Resources

Fiscal Year Ending September 30	_	Non-University Employers		University Employers	_	System Total
2025	\$	(1,478,050,898)	\$	(6,242,940)	\$	(1,484,293,838)
2026		(889,148,117)		343,171		(888,804,946)
2027		(873,016,489)		(4,964,468)		(877,980,957)
2028		(790,599,947)		(4,119,849)		(794,719,796)
2029		(431,536,130)		-		(431,536,130)
Thereafter	_	(81,786,454)	_	_	_	(81,786,454)
Total	\$	(4,544,138,035)	\$_	(14,984,086)	\$_	(4,559,122,121)