Michigan Public School Employees' Retirement System

A Pension and Other Postemployment Benefit Trust Fund 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, 2018

Prepared by
The Office of Retirement Services
P.O. Box 30171
Lansing, MI 48909-7671
517-322-5103
800-381-5111

Department of Management & Budget
R1175C (Rev. 07/2019) Authority: 1980 PA 300, as amended

Table of Contents

Independent Auditor's Report 3

Schedule of Employer Allocations – Non-University Employers 5

Schedule of Employer Allocations – University Employers 24

Schedule of Collective Pension Amounts 25

Schedule of Collective Other Postemployment Benefit (OPEB) Amounts 26

Notes to the Schedules of Employer Allocations and
Schedules of Collective Pension and OPEB Amounts.....27

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • audgen.michigan.gov

Independent Auditor's Report

Mr. Scott Koenigsknecht, Chair
Michigan Public School Employees' Retirement System Board
Stevens T. Mason Building
and
Ms. Tricia L. Foster, Director
Department of Technology, Management, and Budget
Lewis Cass Building
and
Ms. Kerrie L. Vanden Bosch, Director
Office of Retirement Services
Stevens T. Mason Building
Lansing, Michigan

Dear Mr. Koenigsknecht, Ms. Foster, and Ms. Vanden Bosch:

Report on the Schedules
We have audited the accompanying schedules of employer allocations for non-university employers and university employers and the related notes of the Michigan Public School Employees' Retirement System as of and for the fiscal year ended September 30, 2018. 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, 2018 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, 2018.

- September 30, 2018 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, 2018.

Management's Responsibility 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; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of schedules that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility
Our responsibility is to express opinions on the schedules of employer allocations for non-university employers and university employers and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedules of employer allocations for non-university employers and 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.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedules of employer allocations for non-university employers and university employers and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedules of employer allocations for non-university employers and 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. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedules of employer allocations for non-university employers and university employers and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedules of employer allocations for non-university employers and university employers and the specified column totals included in the schedule of collective pension amounts and the schedule of collective OPEB amounts.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions
In our opinion, the 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 OPEB amounts for the Michigan Public School Employees' Retirement System as of and for the fiscal year ended September 30, 2018 in accordance with accounting principles generally accepted in the United States of America.

Other Matter
We have audited, in accordance with auditing standards generally accepted in the United States of America 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, 2018, and our report thereon, dated February 4, 2019, 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.

Sincerely,

Doug Ringler

Doug Ringler
Auditor General
July 26, 2019

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

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	89,369,821	0.0328200949	21,677,663	0.0333966781
5900	Alcona Community Schools	1,116,686	0.0004100908	269,247	0.0004148023
5930	AuTrain-Onota Public Schools	141,430	0.0000519386	33,908	0.0000522383
5950	Burt Township School District	138,505	0.0000508644	35,106	0.0000540844
5980	Munising Public Schools	1,110,226	0.0004077182	262,361	0.0004041950
5990	Superior Central School District	540,255	0.0001984029	128,965	0.0001986843
6000	Allegan Area Educational Service Agency	3,005,350	0.0011036821	718,533	0.0011069741
6370	Glenn-Ganges School District #4	79,727	0.0000292790	19,560	0.0000301344
7000	Allegan Public Schools	4,025,258	0.0014782320	964,374	0.0014857170
7020	Plainwell Community School	4,027,754	0.0014791487	966,208	0.0014885438
7030	Hopkins Public School	2,401,485	0.0008819191	576,987	0.0008889077
7040	Fennville Public School	2,000,212	0.0007345561	480,958	0.0007409656
7050	Martin Public Schools	898,936	0.0003301245	219,865	0.0003387246
7060	Otsego Public Schools	3,629,193	0.0013327815	879,431	0.0013548550
7070	Saugatuck Public Schools	1,453,638	0.0005338326	339,199	0.0005225707
7080	Wayland Union Schools	4,537,137	0.0016662142	1,100,511	0.0016954502
7090	Alpena-Montmorency-Alcona ESD	1,216,054	0.0004465825	295,538	0.0004553061
7120	Alpena Public Schools	5,839,325	0.0021444286	1,372,376	0.0021142870
7210	Ellsworth Community School	366,646	0.0001346466	93,381	0.0001438624
7220	Central Lake-Antrim County Public Schools	478,100	0.0001755769	105,679	0.0001628088
7230	Alba Public Schools	199,994	0.0000734457	46,073	0.0000709806
7240	Elk Rapids Schools	1,997,923	0.0007337153	471,231	0.0007259794
7250	Bellaire Public Schools	508,886	0.0001868827	119,026	0.0001833719
7270	Mancelona Public Schools	1,382,968	0.0005078801	335,567	0.0005169762
7470	Arenac-Eastern High School	27,442	0.0000100778	3,768	0.0000058057
7480	Au Gres-Sims School District	590,548	0.0002168724	142,805	0.0002200064
7520	Arvon Township Schools	41,436	0.0000152168	9,858	0.0000151867
7540	Baraga Township Schools	759,270	0.0002788335	175,479	0.0002703430
7560	L'Anse Public Schools	1,014,121	0.0003724249	239,824	0.0003694735
7570	Barry ISD	945,940	0.0003473860	217,854	0.0003356268
7980	Delton-Kellogg Schools	1,897,845	0.0006969630	463,885	0.0007146623
8000	Hastings Area School District	3,760,072	0.0013808454	886,432	0.0013656396
8020	Thornapple-Kellogg School	4,938,866	0.0018137447	1,191,300	0.0018353211
8040	Bay-Arenac ISD	5,281,437	0.0019395502	1,262,343	0.0019447692
8630	Bangor Township Schools	3,717,236	0.0013651145	884,348	0.0013624290
8640	Bay City Public Schools	12,067,242	0.0044315636	2,876,775	0.0044319695

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
8650	Essexville-Hampton Public Schools	2,354,117	0.0008645240	561,958	0.0008657542
8680	Pinconning Area Schools	1,997,616	0.0007336029	483,995	0.0007456449
8830	Berrien RESA	4,980,017	0.0018288570	1,202,671	0.0018528388
9250	Riverside-Hager School District #6	100,182	0.0000367907	24,670	0.0000380070
9600	River School	107,071	0.0000393205	25,657	0.0000395270
9720	Buchanan Community Schools	2,256,718	0.0008287551	532,179	0.0008198769
9760	Bridgman Public Schools	1,604,886	0.0005893768	381,333	0.0005874834
9780	New Buffalo Area Schools	1,991,830	0.0007314778	493,870	0.0007608580
9790	Niles Public Schools	5,385,374	0.0019777200	1,261,478	0.0019434376
9800	Brandywine Public Schools	2,035,893	0.0007476595	490,244	0.0007552717
9810	Berrien Springs Public Schools	4,519,875	0.0016598751	1,139,514	0.0017555384
9820	Eau Claire Public Schools	1,549,954	0.0005692038	373,302	0.0005751110
9830	St Joseph Public Schools	4,305,549	0.0015811662	1,017,265	0.0015672013
9850	Watervliet Public Schools	2,269,599	0.0008334854	545,555	0.0008404831
9870	Branch County ISD	3,253,641	0.0011948643	781,346	0.0012037449
10150	Bronson Community School	1,482,147	0.0005443025	352,077	0.0005424116
10160	Coldwater Community Schools	4,095,340	0.0015039690	998,758	0.0015386893
10180	Quincy Community Schools	1,793,981	0.0006588198	443,874	0.0006838331
10190	Union City Community Schools	1,728,951	0.0006349383	409,586	0.0006310094
10200	Calhoun County ISD	8,065,548	0.0029619849	2,012,891	0.0031010665
*10790	Albion Public Schools	-	-	-	-
10800	Athens Area School	776,156	0.0002850350	181,184	0.0002791319
10810	Battle Creek Public Schools	7,615,880	0.0027968490	1,751,441	0.0026982757
10820	Lakeview School District	6,656,099	0.0024443800	1,585,120	0.0024420411
10860	Harper Creek Community Schools	4,401,340	0.0016163441	1,055,773	0.0016265267
10880	Homer Community Schools	1,638,258	0.0006016326	387,997	0.0005977487
10890	Marshall Public Schools	4,445,825	0.0016326807	1,060,465	0.0016337558
10900	Pennfield Schools	3,356,673	0.0012327017	810,283	0.0012483253
10910	Tekonsha Community School	364,077	0.0001337035	85,831	0.0001322312
11410	Dowagiac-Union School District	3,434,138	0.0012611499	819,278	0.0012621818
11430	Cassopolis Public Schools	1,331,733	0.0004890644	321,900	0.0004959207
11440	Marcellus Community Schools	1,017,982	0.0003738428	241,088	0.0003714208
11450	Edwardsburg Public Schools	3,705,761	0.0013609005	891,665	0.0013737020
11470	Lewis Cass ISD	1,608,216	0.0005905999	388,731	0.0005988796
11560	Beaver Island Community School	276,918	0.0001016951	61,748	0.0000951295
11570	Boyne Falls Public School	391,057	0.0001436114	94,096	0.0001449647
11580	Charlevoix Public Schools	1,721,489	0.0006321981	398,169	0.0006134200

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
11620	Cheboygan-Otsego-Presque Isle ESD	1,625,934	0.0005971067	394,500	0.0006077683
11810	Inland Lakes Schools	1,074,988	0.0003947775	254,558	0.0003921730
11820	Mackinaw City Public Schools	365,702	0.0001343000	85,656	0.0001319615
11830	Wolverine Community Schools	468,049	0.0001718858	103,806	0.0001599243
11840	Eastern Upper Peninsula ISD	1,590,187	0.0005839787	394,369	0.0006075657
11930	DeTour Area Schools	492,652	0.0001809210	112,232	0.0001729056
11950	Pickford Public Schools	632,183	0.0002321622	123,868	0.0001908308
11970	Rudyard Public Schools	964,795	0.0003543104	230,686	0.0003553950
11980	Sault Ste Marie Public Schools	3,171,208	0.0011645915	742,591	0.0011440388
12000	Brimley Public Schools	953,623	0.0003502077	230,345	0.0003548704
12010	Whitefish Township School	160,900	0.0000590886	39,640	0.0000610702
12020	Clare-Gladwin ISD	2,128,324	0.0007816039	507,194	0.0007813853
12230	Clare Public Schools	2,137,594	0.0007850080	512,299	0.0007892495
12240	Harrison Community Schools	1,946,369	0.0007147828	468,752	0.0007221602
12250	Farwell Area Schools	1,902,530	0.0006986834	441,816	0.0006806626
12260	Clinton County ISD	2,371,799	0.0008710172	560,975	0.0008642401
12930	Bath Community Schools	1,850,094	0.0006794269	440,624	0.0006788271
12940	St Johns Public Schools	4,538,769	0.0016668137	1,076,113	0.0016578633
12950	Fowler Public Schools	744,300	0.0002733360	177,664	0.0002737100
12980	Dewitt Public Schools	4,927,974	0.0018097447	1,181,808	0.0018206977
13070	Delta-Schoolcraft ISD	1,570,625	0.0005767950	382,638	0.0005894939
13120	Bark River - Harris Schools	1,103,912	0.0004053998	263,559	0.0004060397
13130	Escanaba Area Public Schools	3,756,507	0.0013795365	890,119	0.0013713202
13170	Gladstone Area Schools	2,173,332	0.0007981324	524,522	0.0008080808
13190	Rapid River Public Schools	517,816	0.0001901623	124,357	0.0001915842
13220	Dickinson-Iron ISD	1,482,720	0.0005445129	355,633	0.0005478887
13250	Breitung Township Schools	2,811,463	0.0010324790	667,697	0.0010286563
13270	Iron Mountain Public Schools	1,255,721	0.0004611499	301,089	0.0004638581
13310	Eaton County ISD	2,909,788	0.0010685881	723,338	0.0011143767
13720	Strange-Oneida School #3	18,218	0.0000066905	4,093	0.0000063064
13890	Bellevue Community Schools	858,474	0.0003152654	203,504	0.0003135187
13900	Potterville Public Schools	1,361,030	0.0004998234	323,222	0.0004979570
13910	Charlotte Public Schools	3,662,265	0.0013449270	850,178	0.0013097865
13940	Eaton Rapids Public Schools	3,816,326	0.0014015044	917,655	0.0014137425
13950	Grand Ledge Public Schools	8,456,306	0.0031054864	2,012,733	0.0031008232
13980	Olivet Community Schools	2,218,864	0.0008148536	515,686	0.0007944681
14140	Alanson Public Schools	326,952	0.0001200695	74,686	0.0001150611

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
14150	Harbor Springs Public Schools	1,960,524	0.0007199810	469,290	0.0007229893
14160	Pellston Public Schools	772,894	0.0002838368	179,935	0.0002772080
14170	Petoskey Public Schools	4,078,802	0.0014978956	958,911	0.0014773012
14180	Genesee County ISD	12,916,239	0.0047433483	3,093,289	0.0047655314
14300	Goodrich Area Schools	2,837,676	0.0010421056	672,264	0.0010356916
14310	Bendle Public Schools	1,824,180	0.0006699102	439,408	0.0006769537
14320	Bentley Community Schools	1,161,946	0.0004267121	282,621	0.0004354062
14330	Atherton Community Schools	1,209,288	0.0004440980	293,916	0.0004528077
14340	Davison Community Schools	8,988,628	0.0033009758	2,128,996	0.0032799388
14350	Lake Fenton Community School District	3,125,648	0.0011478603	752,804	0.0011597727
14360	Fenton Area Public Schools	5,448,416	0.0020008714	1,278,612	0.0019698331
14370	Linden Community School	4,261,964	0.0015651598	1,018,854	0.0015696499
14380	Flint Community Schools	7,560,042	0.0027763433	1,692,187	0.0026069896
14400	Carman-Ainsworth Community School District	7,377,654	0.0027093631	1,739,950	0.0026805720
14430	Flushing Community Schools	6,771,078	0.0024866047	1,652,780	0.0025462776
14450	Swartz Creek Community Schools	5,737,931	0.0021071926	1,362,430	0.0020989639
14460	Mt Morris Consolidated Schools	3,534,643	0.0012980593	844,553	0.0013011208
14470	Genesee School District	984,409	0.0003615133	229,394	0.0003534052
14480	Kearsley Community Schools	5,054,138	0.0018560774	1,202,901	0.0018531925
14490	Grand Blanc Community Schools	12,037,004	0.0044204587	2,850,692	0.0043917851
14500	Montrose Community Schools	2,103,094	0.0007723385	510,219	0.0007860444
14510	Beecher Community School District	1,227,557	0.0004508070	272,397	0.0004196560
14520	Westwood Heights Schools	1,885,549	0.0006924472	467,254	0.0007198531
14530	Clio Area School District	4,442,093	0.0016313102	1,038,604	0.0016000774
14790	Beaverton Rural School District	1,604,132	0.0005891001	380,648	0.0005864276
14800	Gladwin Community Schools	2,367,838	0.0008695626	561,135	0.0008644862
14830	Bessemer Area School District	587,025	0.0002155787	139,708	0.0002152340
14890	Wakefield Township Schools	512,610	0.0001882506	121,860	0.0001877372
14900	Watersmeet Township School District	571,380	0.0002098332	124,532	0.0001918541
14910	Traverse Bay Area ISD	8,993,174	0.0033026454	2,167,424	0.0033391407
15130	Kingsley Area School	1,958,921	0.0007193925	481,294	0.0007414830
15150	Traverse City Public Schools	16,157,048	0.0059335003	3,836,687	0.0059108123
15170	Gratiot-Isabella ISD	3,301,702	0.0012125142	794,772	0.0012244284
16060	Alma Public Schools	3,436,171	0.0012618963	829,241	0.0012775321
16070	Ashley Community School	379,217	0.0001392634	90,251	0.0001390411
16080	Fulton Schools	1,304,133	0.0004789288	301,742	0.0004648641
16090	Ithaca Public Schools	1,774,089	0.0006515149	414,354	0.0006383547

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
16100	St Louis Public Schools	1,539,900	0.0005655115	365,485	0.0005630670
16120	Breckenridge Community Schools	1,025,376	0.0003765581	243,401	0.0003749846
16130	Hillsdale County ISD	1,566,675	0.0005753443	368,661	0.0005679607
16270	North Adams-Jerome Public Schools	417,641	0.0001533742	102,671	0.0001581745
16280	Camden-Frontier School	784,035	0.0002879283	193,612	0.0002982799
16290	Jonesville Community Schools	2,334,694	0.0008573909	559,251	0.0008615836
16300	Hillsdale Community Schools	2,161,801	0.0007938980	517,159	0.0007967361
16310	Litchfield Community Schools	488,077	0.0001792409	120,081	0.0001849977
16320	Pittsford Area Schools	808,159	0.0002967876	187,112	0.0002882661
16330	Reading Community School	1,201,594	0.0004412723	289,240	0.0004456034
16340	Waldron Area Schools	307,114	0.0001127841	65,331	0.0001006492
16350	Copper Country ISD	1,456,189	0.0005347694	353,605	0.0005447647
16390	Adams Township School District	578,385	0.0002124054	144,120	0.0002220310
16400	Calumet Public Schools	2,069,686	0.0007600696	491,761	0.0007576093
16420	Chassell Township Schools	301,788	0.0001108282	70,731	0.0001089685
16440	Elm River Township Schools	47,323	0.0000173789	10,138	0.0000156183
16450	Hancock Public Schools	1,001,549	0.0003678079	238,858	0.0003679852
16470	Dollar Bay-Tamarack City Area Schools	484,576	0.0001779552	117,820	0.0001815146
16480	Houghton-Portage Township School District	1,895,943	0.0006962645	453,463	0.0006986064
16490	Lake Linden-Hubbell Public School	655,395	0.0002406866	153,857	0.0002370320
16500	Stanton Township Public Schools	225,592	0.0000828461	54,218	0.0000835285
16510	Huron ISD	2,056,183	0.0007551110	479,863	0.0007392790
16600	Caseville Public School	430,061	0.0001579351	102,579	0.0001580339
16610	Big Burning-Colfax #1F School	31,510	0.0000115718	7,160	0.0000110301
16780	Church School	31,876	0.0000117060	6,556	0.0000101007
17020	Adams-Sigel #3 School	44,695	0.0000164138	11,218	0.0000172827
17030	Eccles-Sigel #4 School	36,589	0.0000134368	8,572	0.0000132066
*17040	Kipper School	-	-	-	-
17060	Verona Mills School	34,970	0.0000128425	7,711	0.0000118794
17110	Ubly Community Schools	1,186,753	0.0004358221	282,774	0.0004356433
17130	North Huron Schools	666,477	0.0002447564	158,722	0.0002445272
*17170	Port Hope Community Schools	-	-	-	-
17180	Harbor Beach Community School District	756,940	0.0002779778	187,209	0.0002884143
17200	Bad Axe Public Schools	1,615,435	0.0005932510	390,511	0.0006016230
17220	Ingham ISD	7,247,946	0.0026617292	1,745,451	0.0026890473
17710	Holt Public Schools	9,764,854	0.0035860365	2,324,448	0.0035810517
17740	East Lansing Public Schools	5,834,437	0.0021426336	1,364,058	0.0021014718

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
17750	Dansville Schools	1,030,855	0.0003785701	234,355	0.0003610476
17760	Lansing Public Schools	20,675,565	0.0075928763	4,727,740	0.0072835718
17830	Webberville Community Schools	756,643	0.0002778690	176,127	0.0002713419
17840	Leslie Public Schools	2,111,877	0.0007755637	512,622	0.0007897465
17850	Haslett Public Schools	4,676,226	0.0017172931	1,122,251	0.0017289436
17860	Okemos Public Schools	8,109,362	0.0029780751	1,946,714	0.0029991146
17890	Stockbridge Community Schools	2,069,714	0.0007600801	479,590	0.0007388577
17900	Mason Public Schools	5,342,043	0.0019618074	1,289,485	0.0019865841
17910	Williamston Community Schools	2,908,607	0.0010681543	687,210	0.0010587184
17920	Ionia County ISD	3,991,106	0.0014656904	954,882	0.0014710945
17940	Coon-Berlin Township School District #3	22,974	0.0000084368	5,053	0.0000077842
18140	Haynor-Easton Township School District #6	37,089	0.0000136206	8,637	0.0000133057
18160	North LeValley School #2	18,948	0.0000069585	4,339	0.0000066843
18640	Saranac Community Schools	1,295,597	0.0004757940	300,483	0.0004629251
18660	Ionia Public Schools	4,179,666	0.0015349368	952,133	0.0014668599
18680	Pewamo-Westphalia Community School District	967,147	0.0003551743	232,491	0.0003581756
18700	Belding Area Schools	2,627,840	0.0009650456	611,600	0.0009422336
18710	Portland Public Schools	2,759,393	0.0010133572	651,385	0.0010035264
18720	Iosco RESA	931,090	0.0003419328	226,287	0.0003486178
18760	Oscoda Area Schools	1,891,261	0.0006945451	461,687	0.0007112757
18770	Hale Area Schools	517,287	0.0001899681	128,218	0.0001975338
18780	Tawas Area Schools	1,780,686	0.0006539375	422,455	0.0006508361
19220	Shepherd Public Schools	2,766,375	0.0010159211	665,858	0.0010258227
19230	Mt Pleasant Public Schools	6,488,186	0.0023827159	1,562,206	0.0024067398
19240	Beal City Schools	949,777	0.0003487954	222,773	0.0003432042
19290	Bois Blanc Pines School District	14,643	0.0000053776	3,743	0.0000057658
19310	Moran Township School District	209,791	0.0000770435	53,902	0.0000830419
19340	Les Cheneaux Community Schools	400,798	0.0001471887	97,243	0.0001498127
19370	Mackinac Island Public School	249,271	0.0000915421	60,372	0.0000930085
19390	St Ignace Public Schools	834,932	0.0003066197	194,934	0.0003003161
19400	Jackson ISD	9,653,734	0.0035452288	2,317,003	0.0035695831
19730	East Jackson Community Schools	1,532,243	0.0005626995	360,398	0.0005552306
19750	Columbia School District	2,168,787	0.0007964634	514,058	0.0007919594
19760	Concord Community Schools	1,146,876	0.0004211777	272,192	0.0004193392
19770	Grass Lake Community Schools	2,001,842	0.0007351545	479,277	0.0007383762
19780	Hanover Horton School District	1,751,225	0.0006431183	416,488	0.0006416427
19800	Jackson Public Schools	8,009,915	0.0029415543	1,864,875	0.0028730326

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
19810	Michigan Center School District	2,394,597	0.0008793898	553,504	0.0008527302
19830	Napoleon Community School District	2,078,853	0.0007634363	496,968	0.0007656302
19840	Northwest School District	5,097,286	0.0018719230	1,209,671	0.0018636230
19860	Springport Public School	1,468,314	0.0005392222	356,588	0.0005493603
19880	Vandercook Lake Public Schools	1,973,185	0.0007246306	448,672	0.0006912253
19890	Kalamazoo RESA	8,666,901	0.0031828252	2,143,519	0.0033023131
20080	Climax-Scotts Community School	830,291	0.0003049153	204,263	0.0003146884
20090	Comstock Public Schools	2,851,478	0.0010471743	702,031	0.0010815512
20100	Galesburg-Augusta Community School District	1,456,669	0.0005349460	344,301	0.0005304317
20110	Kalamazoo Public Schools	23,999,384	0.0088135127	5,727,072	0.0088231452
20140	Parchment School District	2,683,215	0.0009853815	636,051	0.0009799016
20170	Portage Public Schools	14,767,632	0.0054232523	3,560,069	0.0054846540
20200	Vicksburg Community Schools	4,314,295	0.0015843780	1,027,468	0.0015829203
20210	Schoolcraft Community Schools	1,551,957	0.0005699392	366,587	0.0005647657
20260	Crawford-Excelsior School District #1	51,024	0.0000187379	12,441	0.0000191671
20390	Kalkaska Public Schools	2,223,182	0.0008164395	534,999	0.0008242209
20400	Kent County ISD	17,198,385	0.0063159199	4,168,344	0.0064217650
21660	Rockford Public Schools	13,338,974	0.0048985930	3,218,696	0.0049587331
21670	Byron Center Public Schools	6,560,174	0.0024091524	1,585,086	0.0024419890
21680	Caledonia Community Schools	8,157,179	0.0029956353	1,960,415	0.0030202223
21700	Grand Rapids Public Schools	33,638,348	0.0123533174	7,992,991	0.0123140281
21710	East Grand Rapids Public Schools	4,998,178	0.0018355264	1,213,387	0.0018693478
21740	Lowell Area Schools	5,731,608	0.0021048708	1,382,997	0.0021306495
21750	Cedar Springs Public Schools	5,005,411	0.0018381828	1,176,051	0.0018118277
21780	Godwin Heights Public Schools	3,946,386	0.0014492672	926,199	0.0014269055
21800	Comstock Park Public Schools	3,140,425	0.0011532870	725,632	0.0011179103
21820	Sparta Area Schools	3,845,062	0.0014120573	912,941	0.0014064806
21830	Kent City Community Schools	2,076,708	0.0007626485	479,849	0.0007392562
21870	Grandville Public Schools	9,180,453	0.0033714216	2,193,814	0.0033797971
21900	Godfrey-Lee Public Schools	3,162,975	0.0011615683	755,691	0.0011642196
21910	Kelloggsville Public Schools	3,952,775	0.0014516137	974,898	0.0015019308
21940	Grant Township School	27,935	0.0000102590	6,483	0.0000099871
22110	Baldwin Community Schools	1,062,065	0.0003900317	248,893	0.0003834448
22120	Lapeer County ISD	2,218,872	0.0008148565	532,757	0.0008207671
22690	Almont Community Schools	2,044,206	0.0007507126	483,166	0.0007443665
22700	Dryden Community Schools	710,355	0.0002608703	166,438	0.0002564147
22710	Imlay City Community Schools	3,166,359	0.0011628110	761,984	0.0011739143

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
22720	Lapeer Public Schools	8,056,671	0.0029587247	1,900,286	0.0029275864
22730	North Branch Area Schools	3,213,955	0.0011802900	760,166	0.0011711140
22740	Lakeville Community Schools	1,527,043	0.0005607899	351,660	0.0005417689
22770	Glen Lake Community Schools	1,856,492	0.0006817765	454,263	0.0006998390
22790	Northport Public School	542,074	0.0001990709	128,438	0.0001978719
22800	Leland Public School	1,052,533	0.0003865312	257,054	0.0003960179
22810	Suttons Bay Public Schools	980,473	0.0003600680	238,482	0.0003674068
22830	Lenawee ISD	5,122,214	0.0018810776	1,230,011	0.0018949583
23250	Adrian Public Schools	5,002,378	0.0018370688	1,184,985	0.0018255915
23260	Blissfield Community School District	1,466,288	0.0005384782	343,402	0.0005290469
23270	Onsted Community School	2,093,249	0.0007687231	498,723	0.0007683343
23280	Clinton Community School	1,588,093	0.0005832098	375,335	0.0005782429
23300	Hudson Area Schools	1,689,940	0.0006206122	415,684	0.0006404047
23310	Sand Creek Community Schools	1,320,925	0.0004850952	316,258	0.0004872285
23320	Madison School District #2	2,912,968	0.0010697558	703,436	0.0010837160
23330	Britton Deerfield Schools	889,282	0.0003265791	188,807	0.0002908760
23340	Morenci Area Schools	1,002,776	0.0003682584	247,879	0.0003818830
23350	Tecumseh Public Schools	3,896,240	0.0014308518	949,285	0.0014624716
23360	Addison Community School	1,293,121	0.0004748847	306,322	0.0004719212
23370	Livingston ISD	7,403,900	0.0027190017	1,806,579	0.0027832209
23680	Brighton Area Schools	11,551,707	0.0042422387	2,784,057	0.0042891280
23690	Fowlerville Community Schools	4,546,988	0.0016698318	1,105,124	0.0017025573
23700	Hartland Consolidated Schools	8,439,214	0.0030992095	2,021,207	0.0031138779
23710	Howell Public Schools	10,426,949	0.0038291838	2,416,781	0.0037233009
23720	Pinckney Community Schools	4,490,031	0.0016489152	1,056,363	0.0016274364
23770	Tahquamenon Area School District	885,107	0.0003250459	208,082	0.0003205721
23780	Macomb ISD	18,575,154	0.0068215232	4,438,944	0.0068386519
23850	Armada Area Schools	2,848,286	0.0010460021	680,728	0.0010487311
23860	Romeo Community Schools	8,324,932	0.0030572407	1,955,742	0.0030130221
23870	Anchor Bay School District	9,963,870	0.0036591229	2,380,959	0.0036681138
23890	Mt Clemens Community Schools	1,632,106	0.0005993731	391,934	0.0006038148
23910	Clintondale Community Schools	3,487,444	0.0012807258	840,419	0.0012947528
23920	Fraser Public Schools	9,522,283	0.0034969548	2,258,251	0.0034790692
23930	East Detroit School District	4,491,873	0.0016495913	1,050,859	0.0016189569
23950	Roseville Community Schools	9,217,656	0.0033850838	2,181,099	0.0033602080
23970	L'Anse Creuse Public Schools	19,250,336	0.0070694767	4,479,650	0.0069013639
23980	Lake Shore Public Schools	7,259,179	0.0026658546	1,718,003	0.0026467613

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
23990	Lakeview Public Schools	6,782,781	0.0024909025	1,633,652	0.0025168097
24000	South Lake Public Schools	3,265,283	0.0011991398	762,319	0.0011744313
24010	New Haven Community Schools	1,805,183	0.0006629338	417,062	0.0006425277
24020	Memphis Community Schools	1,362,478	0.0005003554	325,642	0.0005016847
24030	Richmond Community Schools	2,231,881	0.0008196341	533,501	0.0008219128
24040	Utica Community Schools	48,929,878	0.0179689655	11,373,247	0.0175216613
24060	Warren Consolidated Schools	28,961,478	0.0106357879	6,938,693	0.0106897725
24070	Center Line Public Schools	5,492,934	0.0020172201	1,319,718	0.0020331613
24080	Warren Woods Public Schools	6,448,454	0.0023681247	1,537,182	0.0023681875
24090	Vandyke Public Schools	4,697,518	0.0017251125	1,095,633	0.0016879352
24100	Fitzgerald Public Schools	4,799,268	0.0017624789	1,141,328	0.0017583332
24110	Manistee ISD	932,047	0.0003422841	221,657	0.0003414851
24250	Bear Lake School	421,088	0.0001546401	102,513	0.0001579321
24270	Manistee Public Schools	2,266,937	0.0008325080	527,169	0.0008121583
24300	Onekama Consolidated Schools	577,471	0.0002120698	136,096	0.0002096699
24350	Wells Township School #18	47,534	0.0000174562	11,559	0.0000178077
24390	Gwinn Area Community Schools	1,761,302	0.0006468191	410,681	0.0006326966
24400	Ishpeming Public Schools	1,254,355	0.0004606483	293,240	0.0004517669
24420	Marquette Area Public Schools	5,233,299	0.0019218722	1,233,182	0.0018998436
24450	Negaunee Public School	2,543,357	0.0009340204	595,959	0.0009181360
24460	Powell Township School District	158,308	0.0000581367	37,893	0.0000583778
24470	Republic-Michigamme Schools	366,652	0.0001346490	83,419	0.0001285157
24500	West Shore ESD	3,120,055	0.0011458061	745,172	0.0011480145
24680	Mason County Central School District	1,652,800	0.0006069727	400,943	0.0006176939
24690	Mason County-Eastern-Custer #5 School District	651,334	0.0002391953	151,097	0.0002327807
24710	Ludington Area Schools	3,421,624	0.0012565541	823,661	0.0012689355
24720	Mecosta-Osceola ISD	3,262,456	0.0011981014	797,658	0.0012288738
24880	Big Rapids Public Schools	3,006,835	0.0011042273	736,675	0.0011349246
24930	Menominee County ISD	765,803	0.0002812329	187,716	0.0002891956
25050	Menominee Area Public Schools	1,988,305	0.0007301834	458,138	0.0007058095
25070	Carney-Nadeau Public School	437,181	0.0001605499	106,110	0.0001634735
25100	Midland County Ed Service Agency	2,326,205	0.0008542736	548,071	0.0008443594
25600	Midland Public Schools	12,979,897	0.0047667259	3,078,858	0.0047432988
25610	Bullock Creek School District	3,056,843	0.0011225924	733,319	0.0011297542
25620	Coleman Community Schools	1,133,678	0.0004163308	269,417	0.0004150653
25740	Lake City Area Schools	1,698,695	0.0006238272	403,611	0.0006218039
25750	McBain Rural Agricultural Schools	1,645,400	0.0006042554	398,080	0.0006132831

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
25760	Monroe County ISD	7,142,809	0.0026231190	1,740,200	0.0026809580
25920	Airport Community Schools	3,906,197	0.0014345083	936,009	0.0014420183
25930	Bedford Public Schools	7,002,940	0.0025717537	1,631,787	0.0025139365
25940	Dundee Community Schools	2,185,130	0.0008024651	527,617	0.0008128483
25950	Jefferson Schools	3,080,070	0.0011311222	717,485	0.0011053590
25960	Ida Public Schools	2,292,288	0.0008418180	539,601	0.0008313113
25970	Monroe Public Schools	7,766,835	0.0028522855	1,811,908	0.0027914307
25990	Mason Consolidated Schools	1,708,228	0.0006273280	406,129	0.0006256834
26000	Summerfield Schools	985,513	0.0003619188	235,811	0.0003632912
26010	Whiteford Agricultural Schools	1,013,114	0.0003720552	246,437	0.0003796620
26020	Montcalm Area ISD	3,172,278	0.0011649845	770,346	0.0011867974
26540	Lakeview Community Schools	1,722,653	0.0006326256	409,931	0.0006315417
26560	Greenville Public Schools	5,926,457	0.0021764269	1,409,683	0.0021717624
26600	Vestaburg Community School	915,446	0.0003361876	217,276	0.0003347355
26660	Atlanta Community Schools	370,412	0.0001360296	88,528	0.0001363860
26670	Hillman Community School	683,576	0.0002510359	161,529	0.0002488526
26680	Muskegon Area ISD	5,227,434	0.0019197184	1,283,742	0.0019777367
27080	Fruitport Community Schools	4,695,024	0.0017241964	1,120,461	0.0017261858
27100	Holton Public Schools	1,216,275	0.0004466637	288,637	0.0004446745
27120	Montague Area Public Schools	2,344,891	0.0008611357	577,604	0.0008898583
27130	Muskegon City Public Schools	6,542,853	0.0024027915	1,546,255	0.0023821660
27160	Orchard View Schools	4,057,116	0.0014899317	946,347	0.0014579446
27170	Reeths-Puffer Schools	6,003,029	0.0022045472	1,446,883	0.0022290725
27200	Muskegon Heights City Public Schools	10,734	0.0000039420	4,602	0.0000070899
27210	North Muskegon Public Schools	1,550,790	0.0005695107	368,315	0.0005674268
27270	Ravenna Public Schools #24	1,710,457	0.0006281465	389,661	0.0006003137
27280	Whitehall District Schools	4,134,043	0.0015181825	989,608	0.0015245938
27300	Newaygo County RESA	2,789,343	0.0010243559	666,970	0.0010275362
27690	Big Jackson School District	31,903	0.0000117161	7,317	0.0000112720
27830	Grant Public Schools	2,573,087	0.0009449382	595,467	0.0009173791
27840	Newaygo Public Schools	2,606,341	0.0009571503	622,364	0.0009588165
27860	Hesperia Community Schools	1,552,542	0.0005701542	365,148	0.0005625487
27880	Fremont Public Schools	3,554,511	0.0013053557	830,770	0.0012798875
27890	White Cloud Public Schools	1,462,150	0.0005369588	338,434	0.0005213924
27900	Oakland County ISD	14,024,862	0.0051504782	3,374,789	0.0051992104
27970	Rochester Community Schools	26,602,609	0.0097695190	6,327,485	0.0097481444
27980	Avondale School District	5,947,467	0.0021841427	1,445,679	0.0022272185

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
27990	Birmingham Public Schools	20,914,723	0.0076807047	4,988,223	0.0076848733
28000	Bloomfield Hills School District	16,582,885	0.0060898843	3,978,327	0.0061290240
28020	Brandon School District	3,756,965	0.0013797044	883,177	0.0013606249
28030	Walled Lake Consolidated School	26,459,537	0.0097169771	6,265,088	0.0096520155
28040	Farmington Public Schools	22,754,765	0.0083564401	5,381,296	0.0082904419
28050	Clarenceville School District	3,302,850	0.0012129359	770,391	0.0011868662
28060	Holly Area Schools	5,352,437	0.0019656243	1,275,859	0.0019655930
28070	Clarkston Community Schools #3F	14,622,772	0.0053700541	3,540,693	0.0054548036
28080	South Lyon Community Schools	13,496,312	0.0049563739	3,279,220	0.0050519777
28090	Huron Valley School District #4F	16,213,922	0.0059543866	3,807,470	0.0058658011
28100	Novi Community School District	12,552,963	0.0046099393	2,990,978	0.0046079099
28110	Lake Orion Community School #3	13,622,910	0.0050028656	3,232,056	0.0049793161
28120	Oxford Area Community School	9,311,742	0.0034196359	2,259,942	0.0034816741
28130	Pontiac City School District	7,394,549	0.0027155677	1,726,332	0.0026595925
28150	Oak Park School District	6,392,320	0.0023475102	1,558,500	0.0024010301
28160	Lamphere Public Schools	5,696,154	0.0020918507	1,359,813	0.0020949330
28170	Royal Oak City School District	9,051,841	0.0033241900	2,190,629	0.0033748906
28180	Berkley School District	10,045,753	0.0036891937	2,453,015	0.0037791237
28190	Hazel Park Public Schools	6,143,651	0.0022561890	1,425,910	0.0021967623
28200	Ferndale City School District	5,190,442	0.0019061333	1,241,353	0.0019124322
28210	Madison District Public Schools	2,561,623	0.0009407282	634,767	0.0009779243
28220	Southfield Public Schools	13,598,797	0.0049940105	3,133,896	0.0048280904
28230	Troy City School District	23,593,556	0.0086644769	5,593,431	0.0086172581
28240	Clawson City School District	3,003,001	0.0011028194	699,299	0.0010773430
28250	Waterford School District	17,133,335	0.0062920310	4,060,200	0.0062551568
28260	West Bloomfield Schools	9,896,171	0.0036342612	2,401,746	0.0037001380
28820	Hart Public Schools	2,065,437	0.0007585094	488,755	0.0007529777
28830	Walkerville Public Schools	481,312	0.0001767566	114,080	0.0001757515
28840	Pentwater Public Schools	511,692	0.0001879132	120,996	0.0001864073
28850	Shelby Public Schools	2,324,808	0.0008537604	553,363	0.0008525124
29180	Ontonagon Area School District	496,716	0.0001824136	113,611	0.0001750293
29540	Marion Public School	751,662	0.0002760398	172,945	0.0002664389
29550	Evart Public Schools	1,415,090	0.0005196763	333,691	0.0005140854
29560	Reed City Public School District	2,109,026	0.0007745169	507,821	0.0007823505
29600	Mio-AuSable Schools	866,636	0.0003182625	199,600	0.0003075048
29610	Fairview Area Schools	504,574	0.0001852993	124,435	0.0001917054
29650	Gaylord Community Schools	4,781,859	0.0017560856	1,145,783	0.0017651973

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
29660	Johannesburg-Lewiston Area Schools	1,065,521	0.0003913011	253,082	0.0003898984
29670	Vanderbilt Area School	167,563	0.0000615356	38,177	0.0000588155
29690	Ottawa Area ISD	8,172,549	0.0030012798	2,022,926	0.0031165267
30620	Hudsonville Public Schools	11,917,528	0.0043765827	2,894,564	0.0044593748
30630	Grand Haven Public Schools	11,754,292	0.0043166360	2,817,943	0.0043413327
30640	Holland Public Schools	6,758,973	0.0024821594	1,526,907	0.0023523585
30700	Coopersville Public Schools	4,127,774	0.0015158799	979,824	0.0015095208
30720	Spring Lake Public Schools	4,187,489	0.0015378100	999,237	0.0015394277
30740	Zeeland Public Schools	10,768,955	0.0039547816	2,585,961	0.0039839400
30950	Onaway Area Community Schools	960,587	0.0003527653	229,145	0.0003530215
30970	Posen Consolidated School	350,424	0.0001286896	83,284	0.0001283080
30980	Rogers City Area Schools	866,874	0.0003183499	206,270	0.0003177800
31020	Roscommon Area Public Schools	1,670,645	0.0006135264	394,083	0.0006071261
31030	Houghton Lake Community Schools	2,374,707	0.0008720852	561,979	0.0008657867
31040	Saginaw County ISD	7,809,913	0.0028681056	1,911,562	0.0029449581
31650	Birch Run Area Schools	2,478,711	0.0009102797	590,153	0.0009091912
31670	Bridgeport-Spaulding Community School District	2,071,519	0.0007607430	487,521	0.0007510772
*31680	Buena Vista School District	-	-	-	-
31700	Carrollton School District	3,380,214	0.0012413470	807,031	0.0012433153
31710	Chesaning-Union Schools	2,105,432	0.0007731969	500,274	0.0007707243
31720	Frankenmuth School District	1,984,400	0.0007287493	481,550	0.0007418780
31730	Merrill Community Schools	898,059	0.0003298024	212,960	0.0003280869
31740	Hemlock Public Schools	1,734,255	0.0006368863	410,448	0.0006323368
31750	Saginaw City Schools	9,276,429	0.0034066677	2,156,938	0.0033229857
31780	St Charles Community Schools	1,490,317	0.0005473028	355,493	0.0005476735
31800	Freeland Community Schools	2,528,867	0.0009286989	608,841	0.0009379817
31820	St Clair County RESA	4,388,026	0.0016114549	1,055,143	0.0016255573
32110	East China School District #3	7,108,973	0.0026106929	1,685,904	0.0025973097
32410	Yale Public School District	3,077,816	0.0011302943	724,776	0.0011165923
32420	Algonac Community Schools	2,140,849	0.0007862036	482,981	0.0007440814
32470	Capac Community Schools	1,375,937	0.0005052979	308,636	0.0004754852
32480	Marysville Public Schools	4,045,224	0.0014855645	966,164	0.0014884754
32490	Port Huron Area Schools	13,950,910	0.0051233202	3,266,488	0.0050323614
32520	St Joseph County ISD	2,384,829	0.0008758024	590,570	0.0009098341
32830	Burr Oak Community Schools	404,253	0.0001484574	98,073	0.0001510923
32840	Colon Community School	675,975	0.0002482446	160,120	0.0002466806
32850	Constantine Public Schools	1,735,007	0.0006371625	423,844	0.0006529752

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
32860	Mendon Community School	795,209	0.0002920317	180,776	0.0002785034
32870	Centreville Public Schools	1,174,587	0.0004313545	284,697	0.0004386049
32880	Sturgis Public School	5,074,120	0.0018634154	1,185,581	0.0018265104
32890	Three Rivers Public Schools	3,855,716	0.0014159697	926,872	0.0014279422
32900	White Pigeon Community Schools	1,121,550	0.0004118771	264,751	0.0004078755
32910	Sanilac County ISD	1,308,025	0.0004803580	316,711	0.0004879260
33390	Carsonville-Port Sanilac School	506,076	0.0001858509	120,210	0.0001851957
33400	Peck Community Schools	482,842	0.0001773183	112,506	0.0001733264
33420	Croswell-Lexington Schools	2,919,855	0.0010722848	693,933	0.0010690748
33430	Brown City Community Schools	1,229,300	0.0004514472	291,957	0.0004497906
33440	Deckerville Community School District	979,033	0.0003595391	235,181	0.0003623206
33450	Marlette Community School	1,273,286	0.0004676005	299,702	0.0004617221
33460	Sandusky Community Schools	1,517,471	0.0005572748	364,215	0.0005611109
33870	Manistique Area Schools	1,134,310	0.0004165630	265,492	0.0004090184
33880	Shiawassee Regional ESD	3,405,938	0.0012507938	822,503	0.0012671504
34650	Byron Area School	1,412,521	0.0005187331	327,182	0.0005040570
34660	Corunna Public Schools	2,894,427	0.0010629467	686,596	0.0010577720
34670	New Lothrop Area Public Schools	1,301,488	0.0004779574	316,579	0.0004877227
34680	Owosso Public Schools	5,236,659	0.0019231060	1,244,512	0.0019172997
34690	Perry Public Schools	1,599,564	0.0005874226	374,124	0.0005763763
34700	Morrice Area School	829,650	0.0003046799	204,683	0.0003153347
34710	Laingsburg Community Schools	1,663,872	0.0006110390	402,705	0.0006204093
34730	Tuscola County ISD	3,939,261	0.0014466506	952,414	0.0014672925
35410	Reese Public Schools	1,181,703	0.0004339676	279,468	0.0004305492
35420	Cass City Public Schools	1,488,005	0.0005464537	348,288	0.0005365732
35450	Mayville Community School	805,379	0.0002957665	185,630	0.0002859824
35460	Caro Community Schools	2,717,250	0.0009978805	648,302	0.0009987756
35470	Kingston Community School	948,040	0.0003481574	220,408	0.0003395611
35480	Millington Community School District	1,787,535	0.0006564528	431,447	0.0006646891
35490	Vassar Public Schools	1,823,766	0.0006697581	433,298	0.0006675400
35500	Van Buren County ISD	7,072,277	0.0025972168	1,685,123	0.0025961053
35660	Wood School District #8	32,922	0.0000120903	8,134	0.0000125316
36080	Mattawan Consolidated School	5,254,324	0.0019295935	1,252,861	0.0019301620
36090	Lawton Community Schools	1,573,115	0.0005777093	372,072	0.0005732146
36100	Bangor Public Schools	1,947,235	0.0007151010	461,103	0.0007103775
36110	Gobles Public Schools	1,171,794	0.0004303284	273,985	0.0004221023
36120	Bloomingdale Public Schools	1,726,660	0.0006340972	403,454	0.0006215622

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
36130	Covert Public Schools	914,237	0.0003357437	224,388	0.0003456935
36140	Decatur Public Schools	1,139,214	0.0004183638	262,246	0.0004040173
36150	Hartford Public Schools	2,010,231	0.0007382356	472,970	0.0007286585
36160	Lawrence Public Schools	857,176	0.0003147886	200,633	0.0003090953
36170	Paw Paw Public Schools	3,139,824	0.0011530662	758,755	0.0011689410
36180	South Haven Public Schools	3,142,115	0.0011539075	744,919	0.0011476247
36190	Washtenaw ISD	6,815,794	0.0025030263	1,729,558	0.0026645620
36590	Ann Arbor Public Schools	40,030,892	0.0147009098	9,838,190	0.0151567475
36600	Lincoln Consolidated School	6,445,167	0.0023669174	1,565,201	0.0024113542
36610	Manchester Community Schools	1,613,285	0.0005924614	368,494	0.0005677025
36620	Whitmore Lake Public Schools	1,723,428	0.0006329103	408,110	0.0006287351
36650	Saline Area Schools	10,721,621	0.0039373987	2,589,148	0.0039888495
36660	Dexter Community Schools	7,072,205	0.0025971906	1,703,685	0.0026247029
36670	Chelsea School District	4,997,370	0.0018352298	1,190,394	0.0018339244
36680	Milan Area Schools	4,116,965	0.0015119107	991,338	0.0015272579
36690	Ypsilanti Community Schools	7,367,069	0.0027054761	1,775,772	0.0027357603
36710	Wayne County RESA	5,236,263	0.0019229606	1,265,278	0.0019492908
36740	Flat Rock Community Schools	2,842,371	0.0010438297	689,057	0.0010615638
36790	Gibraltar School District	5,018,923	0.0018431451	1,207,506	0.0018602884
36810	Dearborn Public Schools	40,220,784	0.0147706456	9,684,500	0.0149199723
36811	Henry Ford College	12,644,690	0.0046436250	2,964,800	0.0045675811
36840	Crestwood School District	6,940,594	0.0025488576	1,679,856	0.0025879914
36850	Dearborn Heights School District #7	3,921,819	0.0014402455	931,235	0.0014346643
36860	Westwood Community Schools	2,821,462	0.0010361512	655,997	0.0010106314
36870	Ecorse Public Schools	1,574,734	0.0005783038	346,354	0.0005335945
36880	River Rouge Public School	2,945,180	0.0010815852	712,972	0.0010984069
36890	Lincoln Park Public Schools	9,390,856	0.0034486896	2,283,966	0.0035186853
36910	Southgate Community School District	7,683,060	0.0028215201	1,809,691	0.0027880163
36920	Allen Park Public Schools	6,604,967	0.0024256024	1,552,682	0.0023920664
36930	Melvindale-Northern Allen Park School District	4,923,616	0.0018081444	1,200,739	0.0018498622
36940	Grosse Ile Township Schools	3,285,341	0.0012065059	780,693	0.0012027377
36950	Grosse Pointe Public Schools	17,147,284	0.0062971535	4,044,997	0.0062317358
36960	Hamtramck Public Schools	5,404,399	0.0019847068	1,336,666	0.0020592714
36970	Harper Woods Public Schools	2,763,173	0.0010147451	670,809	0.0010334510
*36980	Highland Park School District	-	-	-	-
36990	Huron School District	4,554,291	0.0016725139	1,109,873	0.0017098740
37000	Livonia Public Schools	30,216,266	0.0110965950	7,189,377	0.0110759772

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
37010	Trenton Public Schools	5,265,512	0.0019337020	1,244,767	0.0019176922
37020	Riverview Public Schools	4,207,363	0.0015451082	1,010,376	0.0015565882
37040	Garden City Public Schools	7,393,185	0.0027150668	1,747,916	0.0026928444
*37070	Inkster Public Schools	-	-	-	-
37080	Wayne-Westland Community Schools	21,279,581	0.0078146946	5,036,833	0.0077597612
37090	Northville Public Schools	14,293,806	0.0052492448	3,420,933	0.0052703010
37100	Plymouth-Canton Community School District	28,359,574	0.0104147450	6,852,998	0.0105577515
37110	Redford-Union School District #1	6,624,791	0.0024328826	1,644,873	0.0025340966
37120	South Redford School District	5,595,597	0.0020549221	1,354,655	0.0020869860
37130	Romulus Community Schools	4,032,919	0.0014810456	941,458	0.0014504134
37150	Taylor School District	13,689,589	0.0050273527	3,206,144	0.0049393952
37160	Van Buren Public Schools	8,086,404	0.0029696439	1,990,295	0.0030662544
37170	Wyandotte Public Schools	10,766,758	0.0039539747	2,602,123	0.0040088394
37180	Wexford-Missaukee ISD	3,058,250	0.0011231092	737,475	0.0011361571
37390	Cadillac Area Public Schools	4,519,214	0.0016596320	1,072,226	0.0016518743
37400	Manton Consolidated School District	1,404,792	0.0005158947	337,966	0.0005206714
37410	Buckley Community School	523,144	0.0001921188	125,369	0.0001931440
37430	Mesick Consolidated Schools	942,879	0.0003462620	221,289	0.0003409190
39100	Allendale Public Schools	4,150,792	0.0015243331	985,537	0.0015183209
39350	Standish-Sterling Community School District	2,394,733	0.0008794397	575,344	0.0008863762
39370	Lakeshore Public Schools	4,327,700	0.0015893009	1,017,608	0.0015677295
39410	Whittemore-Prescott Area Schools	1,118,297	0.0004106825	265,658	0.0004092729
39420	Forest Hills Public Schools	17,535,817	0.0064398382	4,154,353	0.0064002094
39450	Northwestern Michigan College	4,935,999	0.0018126918	1,163,676	0.0017927628
39810	Coloma Community Schools	2,304,065	0.0008461430	533,341	0.0008216671
39830	Morley-Stanwood Community School	1,805,649	0.0006631051	428,524	0.0006601849
39880	Laker Schools	1,491,054	0.0005475734	359,879	0.0005544303
39890	Western School District	4,534,754	0.0016653391	1,081,355	0.0016659387
39900	Meridian Public Schools	2,162,597	0.0007941901	516,994	0.0007964826
39910	Hamilton Community Schools	4,668,185	0.0017143400	1,139,780	0.0017559494
39920	Owendale-Gagetown Area Schools	256,613	0.0000942385	62,101	0.0000956723
39980	Kentwood Public Schools	15,885,359	0.0058337253	3,826,668	0.0058953768
39990	Saginaw Township Community Schools	7,691,126	0.0028244823	1,831,453	0.0028215428
40010	West Ottawa Public Schools	12,380,522	0.0045466120	2,929,248	0.0045128090
40080	Delta College	9,854,705	0.0036190333	2,351,432	0.0036226239
40090	North Central Michigan College	1,244,636	0.0004570792	280,343	0.0004318979
40110	Akron-Fairgrove Schools	449,528	0.0001650844	110,281	0.0001698988

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
40330	Nottawa Community School	184,676	0.0000678201	43,813	0.0000674984
40360	Stephenson Area Public Schools	741,720	0.0002723887	173,986	0.0002680439
40370	Chippewa Valley Schools	27,044,059	0.0099316368	6,417,413	0.0098866867
40410	Mona Shores School District #29	5,832,115	0.0021417808	1,361,845	0.0020980633
40650	Waverly Community Schools	5,508,905	0.0020230856	1,347,249	0.0020755769
40660	Northview Public Schools	6,186,761	0.0022720206	1,492,061	0.0022986734
41030	Lakewood School District	2,558,002	0.0009393984	617,311	0.0009510312
41040	Kenowa Hills Public Schools	5,104,520	0.0018745796	1,210,095	0.0018642762
41330	Wyoming Public Schools	7,176,031	0.0026353193	1,711,375	0.0026365492
41440	Durand Area Schools	2,000,534	0.0007346745	465,871	0.0007177220
41450	Benzie County Central Schools	2,185,473	0.0008025912	504,698	0.0007775395
41460	Frankfort-Elberta Area Schools	996,876	0.0003660919	239,764	0.0003693810
41470	Tri-County Area Schools	2,801,448	0.0010288011	653,381	0.0010066005
41490	Gull Lake Community Schools	5,198,664	0.0019091530	1,255,539	0.0019342879
41500	Schoolcraft Community College	12,078,441	0.0044356760	2,824,663	0.0043516843
41540	Mar Lee School District	458,319	0.0001683125	104,798	0.0001614522
41690	Maple Valley Schools	1,565,426	0.0005748856	362,681	0.0005587476
41700	Carson City-Crystal Area School	1,388,276	0.0005098291	322,024	0.0004961105
41710	Bay De Noc Community College	1,553,771	0.0005706054	374,705	0.0005772725
41720	Kaleva Norman Dickson School District	777,588	0.0002855606	185,612	0.0002859550
41740	Oakridge Public Schools	2,960,047	0.0010870451	706,509	0.0010884501
41750	Central Montcalm Public Schools	2,593,194	0.0009523223	618,307	0.0009525664
41790	Macomb Community College	19,108,363	0.0070173386	4,494,172	0.0069237354
41810	Charlevoix-Emmet ISD	3,131,621	0.0011500539	729,773	0.0011242910
41820	Marquette-Alger ISD	1,731,625	0.0006359206	425,076	0.0006548736
41860	Muskegon County Community College	3,907,714	0.0014350654	930,547	0.0014336034
41910	River Valley School District	1,325,141	0.0004866436	321,573	0.0004954168
42070	Norway-Vulcan Area Schools	1,043,180	0.0003830965	245,121	0.0003776345
42080	Lake Michigan College	1,770,039	0.0006500275	404,937	0.0006238477
42120	Ovid-Elsie Area Schools	2,314,619	0.0008500187	551,036	0.0008489275
42300	Monroe County Community College	3,494,508	0.0012833200	819,577	0.0012626427
42310	Southwestern Michigan College	1,046,362	0.0003842651	251,261	0.0003870929
42370	Pine River Area Schools	1,551,971	0.0005699446	376,491	0.0005800226
42380	Oakland Community College	17,416,453	0.0063960031	4,022,211	0.0061966314
42450	Lansing Community College	14,852,970	0.0054545918	3,539,895	0.0054535739
42490	Benton Harbor Area Schools	2,541,974	0.0009335123	578,832	0.0008917497
42500	Montcalm Community College	1,916,504	0.0007038151	465,386	0.0007169749

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
42510	Jackson College	2,513,700	0.0009231289	579,577	0.0008928983
42520	Gogebic-Ontonagon ISD	814,905	0.0002992650	192,026	0.0002958363
42560	Coor ISD	1,021,904	0.0003752833	266,509	0.0004105849
42580	Cheboygan Area School District	2,669,345	0.0009802879	625,881	0.0009642337
42600	West Branch-Rose City Area Schools	2,921,374	0.0010728428	700,694	0.0010794918
42640	Washtenaw Community College	13,134,048	0.0048233365	3,124,853	0.0048141580
42650	North Dickinson School	388,474	0.0001426627	94,744	0.0001459630
42680	Glen Oaks Community College	690,089	0.0002534276	172,517	0.0002657799
42730	Mid-Michigan Community College	3,415,993	0.0012544864	796,642	0.0012273098
42740	Engadine Consolidated School District #4	597,738	0.0002195129	167,788	0.0002584953
42810	Montabella Community Schools	1,158,839	0.0004255712	279,188	0.0004301186
42820	Swan Valley School District	2,586,154	0.0009497369	623,032	0.0009598450
42850	Crawford-AuSable School District	2,677,069	0.0009831246	633,934	0.0009766406
42870	Big Bay De Noc School District	293,228	0.0001076849	69,448	0.0001069917
42900	Gogebic Community College	1,014,633	0.0003726128	232,896	0.0003588011
42980	Kalamazoo Valley Community College	6,152,575	0.0022594663	1,463,837	0.0022551928
43020	Chippewa Hills School District	3,287,462	0.0012072845	784,644	0.0012088255
43030	West Iron County Public Schools	1,314,092	0.0004825860	313,958	0.0004836842
43040	Forest Park School District	699,825	0.0002570030	169,827	0.0002616367
43060	Ironwood-Gogebic City Area Schools	1,263,505	0.0004640084	295,505	0.0004552556
43080	Ewen-Trout Creek Consolidated School District	344,536	0.0001265271	82,513	0.0001271206
43100	Kirtland Community College	1,894,517	0.0006957406	449,594	0.0006926459
43170	West Shore Community College	1,390,664	0.0005107061	305,106	0.0004700479
43240	St Clair County Community College	3,388,616	0.0012444325	790,834	0.0012183618
43310	Unionville-Sebewaing Area Schools	1,065,160	0.0003911685	251,254	0.0003870833
43440	Jenison Public Schools	8,918,498	0.0032752212	2,190,297	0.0033743792
43450	Woodhaven-Brownstown School District	8,816,614	0.0032378055	2,116,430	0.0032605794
44010	Wayne County Community College	13,648,215	0.0050121587	3,202,532	0.0049338313
44920	Charles S Mott Community College	7,809,736	0.0028680406	1,810,964	0.0027899769
44960	North Central Area Schools	558,790	0.0002052096	132,204	0.0002036737
45000	Kellogg Community College	4,116,980	0.0015119162	971,215	0.0014962572
45780	Nice Community Schools	2,150,368	0.0007896994	519,188	0.0007998633
46510	Forest Area Schools	706,471	0.0002594439	165,519	0.0002549985
47180	East Jordan Public Schools	1,474,481	0.0005414871	351,413	0.0005413887
47190	Boyne City Public Schools	2,118,099	0.0007778488	517,311	0.0007969709
47200	Mid Peninsula Schools	242,015	0.0000888776	49,569	0.0000763668
47930	Alpena Community College	2,239,399	0.0008223949	520,841	0.0008024096

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
49130	Kalamazoo Public Library	322,629	0.0001184820	64,808	0.0000998429
49230	Grand Rapids Community College	15,260,213	0.0056041474	3,566,394	0.0054943983
60000	Macomb Academy	276,211	0.0001014354	59,110	0.0000910658
*60010	New Branches School	-	-	-	-
60020	Walden Green Day School Inc	34,707	0.0000127456	8,501	0.0000130960
60050	Nah Tah Wahsh Public School Academy	433,226	0.0001590974	101,762	0.0001567756
**60070	Windover High School	1,159	0.0000004255	-	-
60100	Honey Creek Community School	493,142	0.0001811012	122,945	0.0001894094
60110	Bay-Arenac Community High School	194,641	0.0000714798	46,238	0.0000712344
60120	Da Vinci Institute	515,835	0.0001894346	127,539	0.0001964863
60130	El-Hajj Malik El-Shabazz Academy	297,559	0.0001092754	71,384	0.0001099741
60280	A G B U Alex & Marie Manoogian School	512,980	0.0001883865	123,955	0.0001909653
*60300	Michigan Technical Academy	-	-	-	-
60380	Joseph K. Lumsden Public School Academy	1,449,971	0.0005324860	352,200	0.0005426010
60390	Martin Luther King Jr Public School Academy	509,269	0.0001870235	122,666	0.0001889802
60410	Woodland Park Academy	448,669	0.0001647687	108,167	0.0001666423
*60420	St Clair County Learning Academy	-	-	-	-
60440	Central Academy	38,677	0.0000142036	8,972	0.0000138226
*60500	Woodward Academy	-	-	-	-
60510	Summit Academy	9,255	0.0000033988	2,224	0.0000034268
*60560	Commonwealth Community Development Academy	-	-	-	-
60580	Midland Academy of Advanced and Creative Studies	2,440	0.0000008960	1,226	0.0000018885
**60600	Academy for Business and Technology	2,428	0.0000008918	-	-
60760	Charlevoix Montessori Academy for the Arts	1,714	0.0000006296	6	0.0000000086
60830	Countryside Charter School	792,882	0.0002911774	185,374	0.0002855877
60890	Henry Ford Academy	666,838	0.0002448889	160,395	0.0002471051
60930	Dearborn Academy	20,899	0.0000076748	4,993	0.0000076926
60980	North Star Academy	329,324	0.0001209408	80,011	0.0001232648
61040	Washtenaw Technical Middle College	478,355	0.0001756705	117,992	0.0001817789
61220	Summit Academy North	39,905	0.0000146546	9,376	0.0000144441
61240	Creative Technologies Academy	410,732	0.0001508369	101,488	0.0001563522
*61330	Hope Academy	-	-	-	-
61400	Detroit Edison Public School Academy	116,905	0.0000429321	20,100	0.0000309658
**61630	Joy Preparatory Academy	442	0.0000001625	-	-
61670	Holly Academy	1,047,906	0.0003848320	233,337	0.0003594795
*61680	International Academy of Flint	-	-	-	-
61700	West Village Academy	30,536	0.0000112139	7,431	0.0000114483

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – Non-University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
61810	Grand Rapids Child Discovery Center	368,320	0.0001352614	92,796	0.0001429623
61840	George Washington Carver Academy	36,227	0.0000133039	9,204	0.0000141797
*61930	Blue Water Learning Academy	-	-	-	-
61960	Arts Academy in the Woods	402,708	0.0001478902	96,422	0.0001485487
62040	Presque Isle Academy II	35,853	0.0000131666	9,674	0.0000149031
62060	Outlook Academy	135,887	0.0000499029	34,880	0.0000537357
*62120	St Clair County Academy of Style	-	-	-	-
62180	Richfield Public School Academy	15,035	0.0000055215	6,446	0.0000099308
*62490	Wavecrest Career Academy	-	-	-	-
62590	Three Lakes Academy	171,242	0.0000628867	45,389	0.0000699270
62610	Virtual Learning Academy of St Clair	155,033	0.0000569341	36,825	0.0000567327
**62620	Michigan Math and Science Academy	11,936	0.0000043834	-	-
62660	Washington-Parks Academy	1,369	0.0000005026	501	0.0000007713
*62810	St Clair County Career Prep Academy	-	-	-	-
62940	West Michigan Aviation Academy	5,512	0.0000020242	1,762	0.0000027152
62950	Blue Water Middle College Academy	106,117	0.0000389703	25,298	0.0000389749
63050	Relevant Academy of Eaton County	42,471	0.0000155971	10,459	0.0000161136
63230	Cornerstone Health School	1,369	0.0000005026	501	0.0000007713
63310	Madison-Carver Elementary	1,369	0.0000005026	501	0.0000007713
63430	Muskegon Heights Public School Academy	106,223	0.0000390094	35,030	0.0000539675
63440	Greater Heights Academy	101,096	0.0000371265	24,423	0.0000376256
63520	Rising Stars Academy	1,464	0.0000005377	634	0.0000009767
**63530	Detroit Public Safety Academy	1,915	0.0000007031	-	-
63780	Waterford Montessori Academy	3,412	0.0000012529	889	0.0000013695
63960	New School High	3,480	0.0000012780	1,907	0.0000029382
64160	Cornerstone Jefferson-Douglass Academy	1,369	0.0000005026	501	0.0000007713
70000	Cheboygan Area Public Library	22,275	0.0000081801	3,227	0.0000049717
70010	Bacon Memorial District Library	14,467	0.0000053130	3,106	0.0000047859
70020	Willard Library	87,271	0.0000320493	17,108	0.0000263571
70030	Grosse Pointe Public Library	48,583	0.0000178416	10,248	0.0000157879
70040	Public Libraries of Saginaw	178,305	0.0000654805	35,317	0.0000544091
*70060	Houghton Lake Public Library	-	-	-	-
70070	Ann Arbor District Library	222,907	0.0000818600	46,790	0.0000720856
70090	Flint Public Library	181,339	0.0000665948	36,503	0.0000562363
70100	Hackley Public Library	175,362	0.0000643999	35,843	0.0000552198
70120	Mount Clemens Public Library	198,146	0.0000727671	41,766	0.0000643449
Total		**$ 2,723,021,420**	**1.0000000007**	**$ 649,096,390**	**1.0000000004**

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

Michigan Public School Employees' Retirement System
Schedule Of Employer Allocations – University Employers
As Of And For The Fiscal Year Ended September 30, 2018

Employer Number	Employer Name	Total Required Pension Employer Contributions	Pension Proportionate Share	Total Required OPEB Employer Contributions	OPEB Proportionate Share
44730	Central Michigan University	$ 12,383,238	0.2448988657	$ 3,215,681	0.2477684272
44740	Eastern Michigan University	6,370,140	0.1259799785	1,608,715	0.1239515438
44750	Michigan Technological University	5,683,916	0.1124087813	1,465,359	0.1129059653
44760	Northern Michigan University	4,731,455	0.0935722965	1,215,813	0.0936784285
44770	Western Michigan University	11,518,794	0.2278030683	2,958,969	0.2279887573
44780	Ferris State University	8,366,795	0.1654671156	2,118,466	0.1632278864
44790	Lake Superior State University	1,510,362	0.0298698941	395,574	0.0304789915
Total		**$ 50,564,700**	**1.0000000000**	**$ 12,978,577**	**1.0000000000**

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Collective Pension Amounts
As Of And For The Fiscal Year Ended September 30, 2018

		Deferred Outflows of Resources			Deferred Inflows of Resources				
	September 30, 2018 Net Pension 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 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**	$ 30,061,805,239	$ 139,492,389	$6,962,289,341	$ 7,101,781,730	$ 218,453,931	$ 2,055,463,320	–	$ 2,273,917,251	$ 3,758,896,342
Universities**	639,037,384	–	5,125,717	5,125,717	495,626	21,138,608	–	21,634,234	122,330,012
System Total	**$ 30,700,842,623**	**$ 139,492,389**	**$6,967,415,058**	**$ 7,106,907,447**	**$ 218,949,557**	**$ 2,076,601,928**	**–**	**$ 2,295,551,485**	**$ 3,881,226,354**

* 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.

The accompanying notes are an integral part of this schedule.

Michigan Public School Employees' Retirement System
Schedule Of Collective Other Postemployment Benefit (OPEB) Amounts
As Of And For The Fiscal Year Ended September 30, 2018

		Deferred Outflows of Resources			Deferred Inflows of Resources				
	September 30, 2018 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**	$ 7,948,951,791	–	$ 841,798,089	$ 841,798,089	$1,479,504,147	$ 305,497,223	–	$ 1,785,001,370	$ 388,021,251
Universities**	118,640,554	–	5,068,063	5,068,063	9,334,394	6,759,651	–	16,094,045	(5,331,342)
System Total	**$ 8,067,592,345**	**–**	**$ 846,866,152**	**$ 846,866,152**	**$1,488,838,541**	**$ 312,256,874**	**–**	**$ 1,801,095,415**	**$ 382,689,909**

* 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.

The accompanying notes are an integral part of this schedule.

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, 2018

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 governed by the State of Michigan (State) originally created under Public Act (PA) 136 of 1945, re-codified 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 Treasurer serves as the investment officer and custodian for the System. Executive Order 2018-10 created the new State of Michigan Investment Board to be the investment fiduciary with respect to the investment and functions for which the State Treasurer had responsibilities and investment authority. The order became effective November 26th, 2018.

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, dental and vision coverage under the Michigan Public School Employees Retirement Act. There are 690 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*.

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*.

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, 2018 (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, 2017**	Non-University Employers	University Employers	System Total
Total Pension Liability	$ 72,407,218,688	$ 1,094,077,095	$ 73,501,295,783
Fiduciary Net Position	(46,492,967,573)	(518,815,498)	(47,011,783,071)
Net Pension Liability*	$ 25,914,251,115	$ 575,261,597	$ 26,489,512,712
Fiduciary Net Position as a Percentage of Total Pension Liability	64.21%	47.42%	63.96%
Net Pension Liability as a Percentage of Covered Payroll	309.13%	271.62%	308.20%

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

Net Pension Liability **As of September 30, 2018**	Non-University Employers	University Employers	System Total
Total Pension Liability	$ 79,863,694,444	$ 1,180,646,584	$ 81,044,341,028
Fiduciary Net Position	(49,801,889,205)	(541,609,200)	(50,343,498,405)
Net Pension Liability*	$ 30,061,805,239	$ 639,037,384	$ 30,700,842,623
Fiduciary Net Position as a Percentage of Total Pension Liability	62.36%	45.87%	62.12%
Net Pension Liability as a Percentage of Covered Payroll	352.81%	306.17%	351.70%

*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, 2017**	Non-University Employers	University Employers	System Total
Total OPEB Liability	$ 13,920,945,991	$ 254,601,120	$ 14,175,547,111
Fiduciary Net Position	(5,065,474,948)	(112,299,654)	(5,177,774,602)
Net OPEB Liability*	$ 8,855,471,043	$ 142,301,466	$ 8,997,772,509
Fiduciary Net Position as a Percentage of Total OPEB Liability	36.39%	44.11%	36.53%
Net OPEB Liability as a Percentage of Covered Payroll	105.64%	67.19%	104.69%

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

Net OPEB Liability **As of September 30, 2018**	Non-University Employers	University Employers	System Total
Total OPEB Liability	$ 13,932,170,264	$ 246,663,333	$ 14,178,833,597
Fiduciary Net Position	(5,983,218,473)	(128,022,779)	(6,111,241,252)
Net OPEB Liability*	$ 7,948,951,791	$ 118,640,554	$ 8,067,592,345
Fiduciary Net Position as a Percentage of Total OPEB Liability	42.95%	51.90%	43.10%
Net OPEB Liability as a Percentage of Covered Payroll	93.29%	56.84%	92.42%

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

Discount Rate

A discount rate of 7.05% was used to measure the total pension liability (7.0% for the Pension Plus plan, 6.0% for the Pension Plus 2 plan, hybrid plans provided through non-university employers only). This discount rate was based on the long-term expected rate of return on pension plan investments of 7.05% (7.0% for the Pension Plus plan, 6.0% for the Pension Plus 2 plan). A discount rate of 7.15% 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 7.15%. 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:

	1% Decrease* 6.05% / 6.00% / 5.00%	Current Single Discount Rate* 7.05% / 7.00% / 6.00%	1% Increase* 8.05% / 8.00% / 7.00%
Non-University Employers	$ 39,468,828,482	$ 30,061,805,239	$ 22,246,098,138
University Employers	755,455,960	639,037,384	539,723,876
System Total**	$ 40,224,284,442	$ 30,700,842,623	$ 22,785,822,014

* 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.

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

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 7.15%, 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 6.15%	Current Single Discount Rate 7.15%	1% Increase 8.15%
Non-University Employers	$ 9,542,554,940	$ 7,948,951,791	$ 6,608,536,778
University Employers	142,726,092	118,640,554	98,074,410
System Total*	$ 9,685,281,032	$ 8,067,592,345	$ 6,706,611,188

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

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	$ 6,537,925,280	$ 7,948,951,791	$ 9,567,687,298
University Employers	96,565,194	118,640,554	143,897,793
System Total*	$ 6,634,490,474	$ 8,067,592,345	$ 9,711,585,091

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

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, 2018, are based on the results of an actuarial valuation date of September 30, 2017, 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 2018 fiscal year were sufficient to reduce the discount rate for the MPSERS non-hybrid and the Pension Plus plans from 7.05% and 7.00%, respectively, to 6.80%; and to reduce the MPSERS OPEB plan discount rate to 6.95% from 7.15% beginning with the September 30, 2018 actuarial valuations.

Additional information as of the latest actuarial valuation follows:

Summary of Actuarial Assumptions

Valuation Date:	September 30, 2017
Actuarial Cost Method:	Entry Age, Normal
Wage Inflation Rate:	2.75%
Investment Rate of Return:	
– Basic and MIP plans:	7.05%
– Pension Plus plan:	7.00%
– Pension Plus 2 plan:	6.00%
– OPEB Plan (Retiree Healthcare Fund):	7.15%
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:	7.50% year 1 graded to 3.00% Year 12

Mortality:

Retirees:	RP-2014 Male and Female Healthy Annuitant Mortality Tables, scaled by 82% for males and 78% for females and adjusted for mortality improvements using projection scale MP-2017 from 2006.
Active:	RP-2014 Male and Female Employee Annuitant Mortality Tables, scaled 100% and adjusted for mortality improvements using projection scale MP-2017 from 2006.

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 are assumed to have coverage continuing after the retiree's death
Coverage Election at Retirement	75% of male and 60% of female future retirees are assumed to elect coverage for 1 or more dependents

Notes:

- Assumption changes as a result of an experience study for the periods 2012 through 2017 have been adopted by the System for use in the determination of the total pension and OPEB liabilities beginning with the September 30, 2017 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: 1.0554
  - Non-university employers: 4.5304
- 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: 1.3472
  - Non-university employers: 5.6018
- Recognition period for OPEB assets in years is 5.0000
- Full actuarial assumptions are available in the 2018 MPSERS CAFR found on the ORS website at www.michigan.gov/orsschools.

[1]Applies 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, 2018.

Expense	Non-University Employers	University Employers	System Total
Service Cost	$ 747,407,732	$ 5,181,392	$ 752,589,124
Interest on the Total Pension Liability	5,273,699,026	79,030,769	5,352,729,795
Current-Period Benefit Changes	-	-	-
Employee Contributions (shown as negative for addition here)	(391,138,782)	(1,920,391)	(393,059,173)
Projected Earnings on Plan Investments (shown as negative for addition here)	(3,419,386,711)	(37,661,337)	(3,457,048,048)
Pension Plan Administrative Expense[1]	25,669,412	282,549	25,951,961
Other Changes in Plan Fiduciary Net Position[2]	(15,066)	(488,789)	(503,855)
Recognition of Outflow (Inflow) of Resources due to Liabilities	2,366,632,247	87,812,627	2,454,444,874
Recognition of Outflow (Inflow) of Resources due to Assets[1]	(843,971,516)	(9,906,808)	(853,878,324)
Total Pension Expense[3]	$ 3,758,896,342	$ 122,330,012	$ 3,881,226,354

[1]The 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.

[2]Other includes $488,789 attributable to a transfer of assets to the University MPSERS group associated with demographic movement between groups.

[3]Employer-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
2019	$ 1,958,882,267	$ 3,739,053	$ 1,962,261,320
2020	1,454,781,934	(8,050,042)	1,446,731,892
2021	1,007,238,113	(8,546,567)	998,691,546
2022	406,962,165	(3,650,961)	403,311,204
2023	-	-	-
Thereafter	-	-	-
Total	$ 4,827,864,479	$ (16,508,517)	$ 4,811,355,962

Other Postemployment Benefit Plan

The following table provides details of the OPEB plan expense for the fiscal year ended September 30, 2018.

Expense	Non-University Employers	University Employers	System Total
Service Cost	$ 187,053,048	$ 1,654,403	$ 188,707,451
Interest on the Total OPEB Liability	1,031,576,299	18,716,335	1,050,292,634
Current-Period Benefit Changes	-	-	-
Employee Contributions (shown as negative for addition here)	(208,897,650)	(1,781,909)	(210,679,559)
Projected Earnings on Plan Investments (shown as negative for addition here)	(392,640,619)	(8,535,689)	(401,176,308)
OPEB Plan Administrative Expense[2]	3,828,944	83,238	3,912,182
Other Changes in Plan Fiduciary Net Position[3]	33,944	(129,964)	(96,020)
Recognition of Outflow (Inflow) of Resources due to Liabilities	(143,739,987)	(13,359,315)	(157,099,302)
Recognition of Outflow (Inflow) of Resources due to Assets	(89,192,728)	(1,978,441)	(91,171,169)
Total OPEB Expense[1]	$ 388,021,251	$ (5,331,342)	$ 382,689,909

[1]Employer-level results may not add to the System-wide results due to rounding.

[2]The 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.

[3]Other includes $129,964 attributable to a transfer of assets to the University MPSERS group associated with demographic movement between the groups.

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
2019	$ (232,932,715)	$ (6,244,772)	$ (239,177,487)
2020	(232,932,715)	(1,978,441)	(234,911,156)
2021	(232,932,715)	(1,978,439)	(234,911,154)
2022	(170,583,564)	(824,330)	(171,407,894)
2023	(73,821,572)	-	(73,821,572)
Thereafter	-	-	-
Total	$ (943,203,281)	$ (11,025,982)	$ (954,229,263)

Note 5: Subsequent Events

Discount Rate – Dedicated Gains Policy

The Department of Technology, Management, and Budget Director and the MPSERS Retirement Board adopted a dedicated gains policy to lower the discount rate in years where investment returns exceed the current assumption based on a schedule determined by the plan actuary. In 2018, excess investment gains were sufficient to reduce the discount rate to 6.80% from 7.05% for the MPSERS Basic and MIP pension plans, and 7.00% for the MPSERS Pension Plus plan. Dedicated gains were sufficient to reduce the MPSERS OPEB plan discount rate to 6.95% from 7.15%. The new discount rates were used in the pension and OPEB actuarial valuations as of September 30, 2018. These changes will impact the fiscal year 2019 collective schedules of pension and OPEB amounts, however the dollar value of this impact cannot be determined at this time.