

Ohio Public Employees Retirement System

Schedules of Collective OPEB Amounts and Employer Allocations

As of and for the year ended December 31, 2019



OHIO AUDITOR OF STATE
KEITH FABER



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Board of Trustees
Ohio Public Employees Retirement System
277 East Town Street
Columbus, Ohio 43215-4642

We have reviewed the *Independent Auditors' Report* of the GASB 75 (OPEB) related schedules of the Ohio Public Employees Retirement System, Franklin County, prepared by CliftonLarsonAllen LLP, for the audit period January 1, 2019 through December 31, 2019. Based upon this review, we have accepted these reports. The Auditor of State did not audit the accompanying schedules and, accordingly, we are unable to express, and do not express an opinion on them.

Our review was made in reference to the applicable sections of legislative criteria, as reflected by the Ohio Constitution, and the Revised Code, policies, procedures and guidelines of the Auditor of State, regulations and grant requirements. The Ohio Public Employees Retirement System is responsible for compliance with these laws and regulations.

A handwritten signature in cursive script that reads "Keith Faber".

Keith Faber
Auditor of State
Columbus, Ohio

July 8, 2020

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**Ohio Public Employees Retirement System
Schedules of Collective OPEB Amounts and Employer Allocations
As of and for the year ended December 31, 2019**

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INDEPENDENT AUDITORS' REPORT

Board of Trustees
The Ohio Public Employees Retirement System, and
The Honorable Keith Faber, Auditor of State

Report on Schedules

We have audited the accompanying schedule of employer allocations of the Ohio Public Employees Retirement System's (OPERS) 115 Health Care Trust (the Trust), for the year ended December 31, 2019, and the related notes.

We have also audited the columns titled net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total employer OPEB expense as of and for the year ended December 31, 2019 and net OPEB liability for the year ended December 31, 2018 (specified column totals), included in the accompanying schedule of collective OPEB amounts of the Trust, and the related notes.

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 the schedules that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on the schedule of employer allocations for the Trust and the specified column totals included in the schedule of collective OPEB amounts based on our audits. We conducted our audits 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. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the schedule of employer allocations for the Trust and the specified column totals included in 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 schedule of employer allocations for the Trust and the specified column totals included in the schedule of collective OPEB amounts. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations for the Trust and the specified column totals included in the schedule of collective OPEB amounts, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to OPERS' preparation and fair presentation of the schedule of employer allocations for the Trust and the specified column totals included in 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 OPERS' internal control. Accordingly, we express no such opinion.

Board of Trustees
The Ohio Public Employees Retirement System, and
The Honorable Keith Faber, Auditor of State

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 schedule of employer allocations for the Trust and the specified column totals included in 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 above present fairly, in all material respects, the employer allocations for the Trust and the totals for all participating entities of the columns titled net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total employer OPEB expense of the Trust as of and for the year ended December 31, 2019 and the net OPEB liability of the Trust for the year ended December 31, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

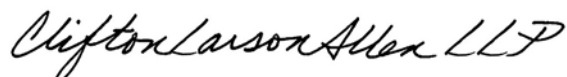
We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of OPERS as of and for the year ended December 31, 2019, and our report thereon, dated June 8, 2020, expressed an unmodified opinion on those statements.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated June 8, 2020 on our consideration of OPERS' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of OPERS' internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering OPERS' internal control over financial reporting and compliance.

Restriction on Use

Our report is intended solely for the information and use of OPERS, the Board of Trustees, OPERS' employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.



CliftonLarsonAllen LLP

Toledo, Ohio
June 8, 2020

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF COLLECTIVE OPEB AMOUNTS
AS OF AND FOR THE YEAR ENDED DECEMBER 31, 2019**

Note - Employers apply their proportionate share to these values for their financial reporting

Plan	Beginning Balance December 31, 2018 Net OPEB Liability	December 31, 2019 Net OPEB Liability	Deferred Outflows of Resources ¹					Deferred Inflows of Resources ¹					OPEB Expense		
			Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Investments	Changes of Assumptions	Change in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Investments	Changes of Assumptions	Change in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan OPEB Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer OPEB Expense
OPEB—Health Care	\$13,037,639,421	\$13,812,597,868	\$370,467	\$0	\$2,186,387,246	N/A	\$2,186,757,713	\$1,263,225,706	\$703,333,750	\$0	N/A	\$1,966,559,456	\$0	N/A	\$1,566,166,024

¹Employer specific amounts are excluded from this schedule, including the change in proportionate share and differences between employer contributions and proportionate share of contributions as defined in paragraphs .64 and .65 of GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions* (or OPEB).

The deferred amounts do not include the layer(s) of amortization of deferred outflows and inflows that is recognized in current year OPEB expense.

The accompanying notes are an integral part of the Schedule of Collective OPEB Amounts.

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
100200	100208	\$1,423,779.98	0.067315%
100300	100308	14,899,749.90	0.704447%
100300	981078	235,078.24	0.011114%
100400	100408	1,125,510.21	0.053213%
100410	100418	129,954.36	0.006144%
100420	100428	39,956.43	0.001889%
100430	100438	101,577.50	0.004802%
100500	100508	336,975.62	0.015932%
100800	100808	11,026,824.58	0.521338%
101000	101008	254,032.11	0.012010%
101500	101508	11,240,789.58	0.531454%
101600	101608	1,165,529.54	0.055105%
101600	101628	950,046.96	0.044917%
101700	101708	863,300.97	0.040816%
101700	101728	322,597.79	0.015252%
101800	101808	117,387.46	0.005550%
102300	102308	1,139,594.02	0.053879%
102400	102408	169,254.07	0.008002%
102600	102608	39,545.86	0.001870%
103400	103408	1,177,091.92	0.055652%
104000	104008	2,061,150.08	0.097449%
104200	104208	1,305,190.44	0.061708%
104300	104308	277.31	0.000013%
104400	104408	29,447.54	0.001392%
104500	104508	22,853.82	0.001081%
105000	105008	47,474.83	0.002245%
105100	105108	961,833.37	0.045475%
105400	105408	706,770.72	0.033415%
105500	105508	784,315.64	0.037082%
106000	106008	43,710.04	0.002067%
106100	106108	3,082,650.34	0.145745%
106700	106708	940,121.34	0.044448%
107100	107108	721,652.17	0.034119%
107200	107208	411,814.54	0.019470%
109190	109190	24,147.94	0.001142%
109800	109808	81,295.11	0.003844%
109900	109908	181,033.36	0.008559%
110000	110008	1,176,697.89	0.055633%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
110010	110018	11,202.20	0.000530%
110100	110108	2,273,392.13	0.107484%
110200	110208	32,955.21	0.001558%
110400	110400		0.000000%
110400	110408	9,898,522.26	0.467993%
110400	111408	2,222,952.77	0.105099%
110400	980148	1,810,451.57	0.085597%
110400	980158	1,729,610.02	0.081774%
111100	111108	176,441.59	0.008342%
111500	111508	4,302,523.58	0.203419%
111510	111518	25,419.45	0.001202%
111530	111538	26,108.32	0.001234%
112300	112308	679,961.79	0.032148%
112400	112408	49,726.49	0.002351%
112500	112508	7,529,429.10	0.355985%
114000	114008	794,517.71	0.037564%
114000	981118	354,945.61	0.016782%
114100	114108	9,508,028.65	0.449531%
114200	114208	2,052,340.28	0.097033%
114600	114608	8,363,056.79	0.395398%
114600	981128	89,722.81	0.004242%
115400	115408	285,369.95	0.013492%
116010	116018	128,389.14	0.006070%
116500	116508	115,881.27	0.005479%
116800	116808	200,321.54	0.009471%
116900	116908	3,436,371.32	0.162469%
117100	117108	434,132.89	0.020525%
118000	118008	4,311,675.11	0.203852%
118000	118018	2,831,178.12	0.133856%
118000	118108	10,388,145.13	0.491142%
118000	118208	475,229.24	0.022468%
118300	118308	8,234,318.47	0.389311%
118400	118408	3,352,254.33	0.158492%
119500	119508	2,491,765.60	0.117808%
119900	119908	(61.89)	-0.000003%
120000	120008	(0.01)	0.000000%
120100	100908		0.000000%
120100	120108	22,745,395.67	1.075382%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
120800	120808	5,855,959.01	0.276864%
120800	174308		0.000000%
120900	120908	1,716,461.35	0.081153%
120900	120918	99,136.48	0.004687%
120900	120938	119,412.51	0.005646%
120900	120948	135,645.75	0.006413%
120900	120958	52,609.98	0.002487%
120900	120968	111,674.97	0.005280%
121400	121408	(0.01)	0.000000%
121800	121808	4,099,033.96	0.193799%
122000	122008	2,013,132.09	0.095179%
122300	122308	6,852,284.46	0.323970%
122400	122408	1,518,005.83	0.071770%
122400	980478	23,769.67	0.001124%
122700	122708	1,622,370.10	0.076704%
122700	980448	10,899.88	0.000515%
122800	122808	959,959.33	0.045386%
123200	123208	5,482,117.21	0.259190%
124100	124108	6,968,392.68	0.329459%
125400	125408	5,250,866.77	0.248256%
130500	130508	4,074,440.47	0.192636%
130500	980188	247,208.99	0.011688%
130600	130608	2,400,899.49	0.113512%
130600	980338	82,581.87	0.003904%
130800	130808	4,879,461.57	0.230697%
130800	880328		0.000000%
130800	980328	83,122.70	0.003930%
130900	130908	4,871,442.55	0.230317%
130900	980218	152,496.87	0.007210%
131100	131108	1,625,399.50	0.076847%
131100	980228	22,444.58	0.001061%
131300	131308	2,108,755.95	0.099700%
131300	880358		0.000000%
131300	980358	83,512.94	0.003948%
132200	132208		0.000000%
132300	132308	1,923,530.28	0.090943%
132300	980268	41,830.30	0.001978%
132500	132508	1,248,692.94	0.059037%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
132500	980468	22,776.22	0.001077%
132600	132608	5,984,982.04	0.282965%
132600	880438	12,080.33	0.000571%
132600	980438	111,386.01	0.005266%
132700	132708	1,568,922.78	0.074177%
132700	980428	19,695.62	0.000931%
133000	133008	1,342,187.52	0.063457%
134200	134208	2,824,342.37	0.133532%
134200	174408	(0.01)	0.000000%
134300	134308		0.000000%
134400	134408	3,955,668.03	0.187020%
134500	134508	2,812,492.49	0.132972%
134600	134608	4,028,237.20	0.190451%
134700	134708	4,781,606.11	0.226070%
134800	134808	3,516,685.67	0.166266%
135200	135208	2,053,574.30	0.097091%
135400	135408	2,942,723.88	0.139129%
135500	135508	4,293,948.38	0.203014%
135800	135808	2,168,384.23	0.102519%
135800	980938	30,821.80	0.001457%
139300	139308		0.000000%
140100	140100		0.000000%
140100	140108	45,107,896.34	2.132661%
141800	141808	4,954,521.47	0.234245%
145000	145000	194.87	0.000009%
145000	145008	12,718,338.39	0.601312%
145000	145108	5,475,708.66	0.258887%
145000	980648		0.000000%
145000	980898	1,626,706.72	0.076909%
159700	159708	2,042,504.67	0.096568%
159700	981098	119,981.40	0.005673%
159800	159808	79,614.17	0.003764%
159900	159908	55,338.24	0.002616%
160300	160308	4,859,132.98	0.229735%
160600	160608	10,229,766.53	0.483654%
161100	161108	38,383.41	0.001815%
162100	162108	567,574.14	0.026834%
162200	162208	443,055.48	0.020947%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
162900	162908	124,047.40	0.005865%
163000	163008	27,647,603.59	1.307154%
163000	858968	3,931.40	0.000186%
163000	958968	1,033,991.22	0.048886%
163010	163010	361,214.07	0.017078%
163100	163108	7,957,207.00	0.376210%
163100	163110	7,577.27	0.000358%
163100	958978	306,170.41	0.014475%
163200	163208	17,448,599.93	0.824954%
163200	958908	418,519.47	0.019787%
163300	163300	529,812.81	0.025049%
163300	163308	14,258,811.43	0.674144%
163300	958958	426,960.29	0.020186%
163400	163408	18,751,235.91	0.886542%
163400	958998	422,481.02	0.019975%
163500	163508	1,324,002.64	0.062598%
163500	959108	92,836.51	0.004389%
163600	163608	2,453,521.18	0.116000%
163600	859140		0.000000%
163600	959140	467,307.13	0.022094%
163700	163708	5,959,811.71	0.281775%
163700	163710	4,746.00	0.000224%
163700	958988	182,707.64	0.008638%
163800	163808	2,386,865.38	0.112849%
163800	959218	33,474.96	0.001583%
163900	163908	4,862,616.31	0.229900%
163900	163910	7,066.40	0.000334%
163900	958948	255,609.29	0.012085%
164100	164108	218,759,334.12	10.342744%
164100	164120	128,228.19	0.006063%
164100	958918	1,140,822.83	0.053937%
164500	164508	7,348,729.57	0.347441%
164500	958928	383,495.08	0.018131%
164600	164608	618,822.01	0.029257%
164710	164710	6,724.48	0.000318%
164800	164708	18,889,218.92	0.893065%
164800	164808	8,472,053.83	0.400551%
164800	859018	(7,229.28)	-0.000342%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
164800	959008	441,604.50	0.020879%
164900	164908	420,323.82	0.019873%
165000	165008	568,225.76	0.026865%
166000	166008	1,281,394.13	0.060583%
166000	959028	57,829.67	0.002734%
166100	166108	534,831.93	0.025286%
166200	166208	484,807.31	0.022921%
168100	168108	710,756.39	0.033604%
168200	168208	173,544.08	0.008205%
170100	170108	17,412,290.05	0.823237%
170300	170308	3,515,271.81	0.166199%
171200	171208	3,740,651.26	0.176855%
171400	171408	1,363,266.70	0.064454%
171500	171508	4,220,177.59	0.199526%
172000	172008	1,981,692.38	0.093693%
173210	173218	58,858.48	0.002783%
174100	174108	84,880.79	0.004013%
174500	174508	4,036,381.07	0.190836%
174600	174608	3,892,722.14	0.184044%
174700	174708	3,163,334.68	0.149560%
174800	174808	3,495,684.68	0.165273%
174900	174908	3,335,882.91	0.157718%
175000	175008	2,068,670.54	0.097805%
175100	175108	3,759,434.32	0.177743%
175200	175208		0.000000%
175300	175308	14,380.90	0.000680%
175400	175408	3,493,150.68	0.165153%
175600	175608	2,952,787.18	0.139605%
175700	175708	2,607,793.61	0.123294%
177600	177608	(0.01)	0.000000%
177800	177808	3,232,394.43	0.152825%
177900	177900	358.83	0.000017%
177900	177908	3,406,071.02	0.161036%
178000	178008	27,778.16	0.001313%
187400	187400	(159,048.07)	-0.007520%
187400	187408	2,425,090.01	0.114656%
190300	190308	7,461,304.32	0.352764%
198110	198118	425,521.63	0.020118%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
200100	197010	246.36	0.000012%
200100	200100	1,215,485.83	0.057467%
200100	200110	11,575.86	0.000547%
200100	200230	99,045.19	0.004683%
200100	600100	91,520.48	0.004327%
200100	950100	157,465.06	0.007445%
200200	200200	1,065,485.77	0.050375%
200200	200220	5,079.43	0.000240%
200300	197028	419.99	0.000020%
200300	200308	4,714,184.05	0.222882%
200300	200310	57,639.88	0.002725%
200300	600308	275,871.86	0.013043%
200300	950208	663,594.52	0.031374%
200500	200500	36,274.48	0.001715%
200500	200508	1,587,217.00	0.075042%
200500	200510	6,733.00	0.000318%
200500	600508	67,199.42	0.003177%
200500	950308	377,564.61	0.017851%
200700	197048	420.00	0.000020%
200700	200708	4,355,531.68	0.205926%
200700	200710	121,049.60	0.005723%
200700	950408	349,104.89	0.016505%
200900	197058	352.82	0.000017%
200900	200908	3,264,349.93	0.154336%
200900	200910	53,532.66	0.002531%
200900	950508	393,426.75	0.018601%
200920	200920	6,063.12	0.000287%
201100	197060	294.00	0.000014%
201100	201100	504,758.28	0.023865%
201100	201108	1,423,658.76	0.067309%
201100	201130	23,938.32	0.001132%
201100	201140	18,265.62	0.000864%
201100	950608	309,222.22	0.014620%
202100	197078	303.30	0.000014%
202100	202100	307,764.76	0.014551%
202100	202108	3,689,600.71	0.174441%
202100	950700	394,810.72	0.018666%
202110	202110	4,121.21	0.000195%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
202120	202120	5,525.49	0.000261%
202300	202300	1,239,168.61	0.058587%
202300	202308	107,772.11	0.005095%
202300	602300	55,039.19	0.002602%
202300	950800	292,158.33	0.013813%
202320	202320	6,427.99	0.000304%
202500	197098	419.92	0.000020%
202500	202508	12,291,507.71	0.581131%
202500	950908	1,947,938.29	0.092097%
202900	197108	246.36	0.000012%
202900	202900	(182.82)	-0.000009%
202900	202908	1,765,231.64	0.083459%
202900	202910	14,368.43	0.000679%
202900	951008	225,985.30	0.010684%
203100	203100	280,718.03	0.013272%
203100	203108	1,375,226.47	0.065019%
203100	203110	4,438.21	0.000210%
203100	603108	83,070.32	0.003927%
203100	693228	73,358.91	0.003468%
203100	951108	241,300.95	0.011408%
203300	203300		0.000000%
203300	203308	5,835,676.14	0.275906%
203300	851208		0.000000%
203300	951208	1,515,024.64	0.071629%
203310	203310	27,176.45	0.001285%
203700	197130	408.49	0.000019%
203700	203700		0.000000%
203700	203708	8,509,509.39	0.402322%
203700	203720	1,380.85	0.000065%
203700	951308	1,211,562.08	0.057282%
203900	197148	285.60	0.000014%
203900	203908	1,831,957.58	0.086613%
203900	951408	297,824.03	0.014081%
204100	197158	420.00	0.000020%
204100	204100	19,689.31	0.000931%
204100	204108	2,763,443.32	0.130653%
204100	204120	12,152.70	0.000575%
204100	204130	4,352.96	0.000206%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
204100	604108	104,111.69	0.004922%
204100	951508	247,054.10	0.011680%
204500	197168	268.84	0.000013%
204500	204500	(245.28)	-0.000012%
204500	204508	1,978,725.29	0.093552%
204500	604508	65,989.33	0.003120%
204500	951608	421,895.52	0.019947%
204700	197178	288.37	0.000014%
204700	204708	1,723,604.14	0.081490%
204700	204710	24,751.39	0.001170%
204700	604708	151,802.68	0.007177%
204700	951708	160,156.84	0.007572%
206100	197198	313.56	0.000015%
206100	206108	1,859,395.94	0.087911%
206100	206110	6,243.07	0.000295%
206100	606108	139,629.05	0.006602%
206100	951908	344,886.57	0.016306%
206300	197208	277.18	0.000013%
206300	206308	1,729,635.46	0.081776%
206300	952008	197,982.54	0.009360%
206500	206500	61.23	0.000003%
206500	206508	7,354,014.61	0.347691%
206500	606508	550,021.86	0.026005%
206500	866508	60,504.29	0.002861%
206500	952108	1,508,247.77	0.071309%
206700	197228	383.64	0.000018%
206700	206700	50,916.56	0.002407%
206700	206708	4,186,408.80	0.197930%
206700	606700	854,797.94	0.040414%
206700	952200	475,639.48	0.022488%
206700	952208	15,262.28	0.000722%
206720	206720	17,877.53	0.000845%
207100	197238	420.00	0.000020%
207100	207100	203,442.68	0.009619%
207100	207108	4,913,299.25	0.232296%
207100	207130	7,990.57	0.000378%
207100	952308	1,212,857.66	0.057343%
207300	207308	1,392,194.61	0.065822%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
207300	607308	252,124.62	0.011920%
207300	952408	254,159.53	0.012016%
207400	207408	2,662,921.23	0.125901%
207500	197258	419.98	0.000020%
207500	207500	314,539.90	0.014871%
207500	207508	41,943,190.02	1.983036%
207500	207520	1,632,865.12	0.077200%
207500	952508	10,585,650.42	0.500480%
207510	207518	127,937.62	0.006049%
207550	207558	238,052.55	0.011255%
208300	197268	285.60	0.000014%
208300	208308	1,707,167.39	0.080713%
208300	208320	31,969.25	0.001511%
208300	608308	207,375.90	0.009805%
208300	952608	212,891.39	0.010065%
208500	197278	251.97	0.000012%
208500	208500		0.000000%
208500	208508	1,388,612.05	0.065652%
208500	208518	171,482.97	0.008108%
208500	208520	8,115.74	0.000384%
208500	852708	38,473.09	0.001819%
208500	952708	178,825.19	0.008455%
208600	208608	79,289.10	0.003749%
208700	208708	4,622,728.48	0.218558%
208700	608708	146,367.50	0.006920%
208700	852808	53,782.98	0.002543%
208700	952808	776,992.32	0.036735%
209100	197290	420.00	0.000020%
209100	209100	240,340.22	0.011363%
209100	209108	6,091,893.51	0.288019%
209100	209140	28,802.74	0.001362%
209100	609108	425,564.67	0.020120%
209100	852908	12,244.36	0.000579%
209100	952908	963,794.97	0.045567%
209300	197308	279.99	0.000013%
209300	209300	4,434.70	0.000210%
209300	209308	2,107,544.52	0.099643%
209300	953008	297,425.19	0.014062%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
211100	197320	375.24	0.000018%
211100	211108	2,649,086.52	0.125246%
211100	211110	75,075.42	0.003549%
211100	211120	6,477.29	0.000306%
211100	611108	185,680.51	0.008779%
211100	953208	461,605.62	0.021824%
211300	197338	257.64	0.000012%
211300	211308	1,633,621.13	0.077236%
211300	211310	21,728.33	0.001027%
211300	611308	51,597.80	0.002439%
211300	953308	190,799.14	0.009021%
211500	197340	164.24	0.000008%
211500	211500	(11.86)	-0.000001%
211500	211508	1,120,960.12	0.052998%
211500	611508	62,959.79	0.002977%
211500	853400	(154.38)	-0.000007%
211500	953408	169,449.40	0.008011%
211600	211600	630.00	0.000030%
211900	197358	246.36	0.000012%
211900	211908	1,209,480.02	0.057183%
211900	211910	10,448.82	0.000494%
211900	611908	237,823.45	0.011244%
211900	953508	198,569.59	0.009388%
212300	212300	477,434.00	0.022573%
212300	212308	952,557.52	0.045036%
212300	612308	72,453.44	0.003426%
212300	953600	237,348.03	0.011222%
212500	197370	239.61	0.000011%
212500	212508	1,294,905.04	0.061222%
212500	212510	5,451.63	0.000258%
212500	612508	120,129.93	0.005680%
212500	953708	233,648.07	0.011047%
212600	212600	9,540.97	0.000451%
212600	212608	1,727,170.16	0.081659%
212700	197380	285.60	0.000014%
212700	212700	511,397.47	0.024178%
212700	212708	1,244,629.90	0.058845%
212700	212810	219,636.57	0.010384%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
212700	612708	126,385.45	0.005975%
212700	953808	294,215.56	0.013910%
212900	197398	332.31	0.000016%
212900	212908	2,131,311.85	0.100767%
212900	212910	58,684.55	0.002775%
212900	612908	146,132.98	0.006909%
212900	953908	226,450.08	0.010706%
213300	197400	262.78	0.000012%
213300	213300	1,128,205.46	0.053341%
213300	213308	320,809.27	0.015168%
213300	613300	86,756.63	0.004102%
213300	954000	102,005.53	0.004823%
213500	213508	3,275,513.34	0.154863%
213500	613508	121,763.72	0.005757%
213500	954108	483,428.15	0.022856%
213700	197428	335.55	0.000016%
213700	213700	(21,620.23)	-0.001022%
213700	213708	2,347,566.50	0.110991%
213700	613708	356,712.38	0.016865%
213700	692350	23,628.68	0.001117%
213700	854200	(2,498.06)	-0.000118%
213700	854208		0.000000%
213700	954208	488,551.12	0.023098%
213900	197438	420.00	0.000020%
213900	213900	2,305.52	0.000109%
213900	213908	11,715,362.87	0.553892%
213900	954308	695,800.36	0.032897%
214500	197448	341.62	0.000016%
214500	214500	34,994.84	0.001655%
214500	214508	2,289,569.27	0.108249%
214500	214510	10,735.34	0.000508%
214500	614508	65,819.22	0.003112%
214500	854400	(130.39)	-0.000006%
214500	954400	(44,520.37)	-0.002105%
214500	954408	381,483.02	0.018036%
214700	197450	420.00	0.000020%
214700	214708	6,285,421.04	0.297169%
214700	614700		0.000000%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
214700	614708	426,527.18	0.020166%
214700	954508	1,228,396.58	0.058077%
214710	214710	4,234.38	0.000200%
214900	197468	196.00	0.000009%
214900	214900	593,724.78	0.028071%
214900	214908	1,874,377.62	0.088619%
214900	214930	27,562.08	0.001303%
214900	614908	127,586.78	0.006032%
214900	954608	346,794.91	0.016396%
215100	197478	420.03	0.000020%
215100	215100	74.41	0.000004%
215100	215108	11,680,364.62	0.552237%
215100	615108	821,495.07	0.038840%
215100	954708	819,023.98	0.038723%
215300	215308	3,141,484.46	0.148527%
215500	197488	418.85	0.000020%
215500	215500	117,246.60	0.005543%
215500	215508	19,706,217.54	0.931692%
215500	215510	25,720.40	0.001216%
215500	615508	863,394.27	0.040821%
215500	954808	3,112,598.07	0.147161%
216500	197498	288.36	0.000014%
216500	216500	912,298.48	0.043133%
216500	216508	842,901.47	0.039852%
216500	616508	135,777.01	0.006419%
216500	854900	15,646.65	0.000740%
216500	954900	352,996.83	0.016689%
216700	197500	419.90	0.000020%
216700	216708	8,912,052.23	0.421354%
216700	955008	2,167,629.41	0.102484%
217700	197510	352.80	0.000017%
217700	217708	3,042,103.24	0.143828%
217700	217710	15,653.71	0.000740%
217700	217730	6,217.86	0.000294%
217700	617708	142,304.83	0.006728%
217700	955108	351,124.57	0.016601%
217900	197528	420.03	0.000020%
217900	217908	6,475,692.67	0.306165%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
217900	617908	598,789.56	0.028310%
217900	855208	162.15	0.000008%
217900	955208	816,807.01	0.038618%
218100	197538	232.44	0.000011%
218100	218100	16,519.07	0.000781%
218100	218108	1,140,110.98	0.053903%
218100	218110	2,039.43	0.000096%
218100	618108	86,606.49	0.004095%
218100	955300	(19,924.61)	-0.000942%
218100	955308	133,632.69	0.006318%
218300	197548	279.96	0.000013%
218300	218300	13,806.84	0.000653%
218300	218308	1,659,447.57	0.078457%
218300	218320	32,375.69	0.001531%
218300	618308	90,435.20	0.004276%
218300	955408	230,472.63	0.010897%
218500	197558	420.02	0.000020%
218500	218508	4,226,291.39	0.199815%
218500	218510	40,665.75	0.001923%
218500	618508	282,433.73	0.013353%
218500	955508	664,555.46	0.031420%
219500	197568	167.99	0.000008%
219500	219500	117,687.39	0.005564%
219500	219508	1,132,558.18	0.053546%
219500	619500	4,297.94	0.000203%
219500	619508	54,249.56	0.002565%
219500	955608	263,601.47	0.012463%
220100	197578	420.00	0.000020%
220100	220108	26,797,727.79	1.266972%
220100	220110	33,086.49	0.001564%
220100	620108	2,202,218.21	0.104119%
220100	693698	283,766.05	0.013416%
220100	855708	(138.97)	-0.000007%
220100	880528	(969.01)	-0.000046%
220100	955708	3,087,068.74	0.145954%
220300	220308	5,326,360.11	0.251826%
220300	958938	188,846.22	0.008928%
221100	197580	168.00	0.000008%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
221100	221100	482,133.03	0.022795%
221100	221108	288,304.23	0.013631%
221100	621100	29,823.10	0.001410%
221100	955800	91,818.80	0.004341%
221300	197598	265.56	0.000013%
221300	221308	1,523,556.10	0.072032%
221300	621308	87,989.80	0.004160%
221300	955908	252,419.45	0.011934%
221400	221408	996,585.60	0.047118%
221500	197608	405.86	0.000019%
221500	221508	3,913,211.02	0.185013%
221500	621508	425,690.07	0.020126%
221500	861508	61,475.26	0.002906%
221500	956008	732,629.51	0.034638%
221900	197610	168.00	0.000008%
221900	221900	189,129.93	0.008942%
221900	221908	499,981.44	0.023639%
221900	621908	157,095.78	0.007427%
221900	956100	112,702.72	0.005328%
222100	197628	279.97	0.000013%
222100	222108	2,805,272.26	0.132631%
222100	622108	119,141.27	0.005633%
222100	956208	448,792.21	0.021218%
222200	207120	3,095.91	0.000146%
222200	225520	3,778.31	0.000179%
222300	197638	212.80	0.000010%
222300	222308	732,184.04	0.034617%
222300	222310	7,920.23	0.000374%
222300	622308	41,159.91	0.001946%
222300	956308	226,772.43	0.010722%
222400	222408	1,311,678.69	0.062015%
222500	197648	268.80	0.000013%
222500	222508	1,921,795.39	0.090861%
222500	222510	3,758.36	0.000178%
222500	622508	82,764.98	0.003913%
222500	956408	112,800.92	0.005333%
222700	197658	324.00	0.000015%
222700	222708	2,028,298.72	0.095896%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
222700	956508	321,773.29	0.015213%
222710	222710	4,835.40	0.000229%
222800	222808	824,782.33	0.038995%
222820	222820	1,129,182.71	0.053387%
222900	197660	243.09	0.000011%
222900	222900	263,810.32	0.012473%
222900	222908	1,097,853.91	0.051906%
222900	222910	7,377.89	0.000349%
222900	622900	49,658.28	0.002348%
222900	956608	165,737.32	0.007836%
223100	197678	420.00	0.000020%
223100	223100	844,401.90	0.039923%
223100	223108	5,501,089.14	0.260087%
223100	623108	244,574.16	0.011563%
223100	956700	626,079.50	0.029600%
223110	223110	7,441.18	0.000352%
223120	223120	14,876.84	0.000703%
224100	197680	296.58	0.000014%
224100	224100	276,565.54	0.013076%
224100	224108	1,169,733.72	0.055304%
224100	224120	26,964.00	0.001275%
224100	624108	98,633.11	0.004663%
224100	956800	183,762.49	0.008688%
224300	197698	263.17	0.000012%
224300	224308	1,211,309.97	0.057270%
224300	224310	42,229.46	0.001997%
224300	224320	80,685.21	0.003815%
224300	624308	390,299.60	0.018453%
224300	956908	250,146.71	0.011827%
224500	197708	420.01	0.000020%
224500	224508	4,329,917.46	0.204715%
224500	224520	164,643.53	0.007784%
224500	624508	400,731.23	0.018946%
224500	864508	1,058,052.96	0.050024%
224500	957008	487,366.29	0.023042%
224900	197710	386.38	0.000018%
224900	224900	2,385,244.42	0.112772%
224900	224908	109,386.72	0.005172%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
224900	224920	33,792.04	0.001598%
224900	624908	200,563.19	0.009482%
224900	693460	936,967.20	0.044299%
224900	957100	307,788.07	0.014552%
225100	197720	335.26	0.000016%
225100	225100	1,535,320.55	0.072589%
225100	225108	1,260,122.82	0.059577%
225100	625108	168,621.23	0.007972%
225100	957200	261,520.79	0.012364%
225100	957208	153,309.54	0.007248%
225500	197738	389.16	0.000018%
225500	225508	3,331,123.67	0.157493%
225500	225510	20,370.91	0.000963%
225500	625508	67,660.99	0.003199%
225500	957308	362,967.27	0.017161%
226100	197748	324.84	0.000015%
226100	226100	(81.78)	-0.000004%
226100	226108	2,455,664.39	0.116102%
226100	626108	147,757.94	0.006986%
226100	957408	313,084.81	0.014802%
226500	197758	305.16	0.000014%
226500	226508	2,503,271.30	0.118352%
226500	226520	5,910.71	0.000279%
226500	957508	429,853.11	0.020323%
227100	197760	403.75	0.000019%
227100	227100	3,501,530.64	0.165549%
227100	227108	8,907,687.15	0.421147%
227100	227130	18,830.33	0.000890%
227100	857600	(336,501.63)	-0.015909%
227100	957600	1,446,822.90	0.068404%
227100	957608	318,810.31	0.015073%
227500	197778	420.00	0.000020%
227500	227508	18,723,962.99	0.885252%
227500	227520	18,480.02	0.000874%
227500	627508	1,547,253.48	0.073153%
227500	680508	897,022.67	0.042410%
227500	685100	38,324.55	0.001812%
227500	685108	600.23	0.000028%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
227500	857708	2,203.41	0.000104%
227500	957708	4,146,712.49	0.196053%
227500	980098	346,211.27	0.016369%
228100	197788	241.73	0.000011%
228100	228108	8,587,889.17	0.406028%
228100	228120	11,593.01	0.000548%
228100	228130	6,246.13	0.000295%
228100	228140	6,461.54	0.000305%
228100	628108	263,640.92	0.012465%
228100	957808	572,144.54	0.027050%
228110	228110	4,049.55	0.000191%
228500	197790	420.00	0.000020%
228500	228500	333,578.29	0.015771%
228500	228508	2,659,114.02	0.125721%
228500	228510	25,657.71	0.001213%
228500	628508	276,988.97	0.013096%
228500	957900	346,556.55	0.016385%
228900	197808	337.08	0.000016%
228900	228908	3,045,960.77	0.144010%
228900	228910	11,180.52	0.000529%
228900	958008	553,010.91	0.026146%
229300	197818	222.80	0.000011%
229300	229300	2,465.55	0.000117%
229300	229308	1,125,240.34	0.053200%
229300	229310	14,443.44	0.000683%
229300	557100	46,931.78	0.002219%
229300	629300	53,418.00	0.002526%
229300	958108	229,510.33	0.010851%
229700	197820	167.96	0.000008%
229700	229700	549,006.69	0.025957%
229700	629700	201,429.56	0.009523%
229700	958200	93,815.06	0.004435%
230100	197830	419.92	0.000020%
230100	230108	6,714,345.24	0.317448%
230100	230110	24,634.48	0.001165%
230100	630108	482,794.07	0.022826%
230100	868308	919,185.28	0.043458%
230100	958308	1,543,962.75	0.072997%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
231100	197848	338.76	0.000016%
231100	231100	(81.78)	-0.000004%
231100	231108	2,534,853.30	0.119846%
231100	231110	23,927.13	0.001131%
231100	958408	430,151.08	0.020337%
231500	231508	3,855,578.24	0.182288%
231500	958508	612,642.03	0.028965%
231520	231520	12,355.90	0.000584%
232100	197868	270.80	0.000013%
232100	232100		0.000000%
232100	232108	1,759,033.61	0.083166%
232100	632108	128,929.02	0.006096%
232100	958608	201,801.16	0.009541%
232500	197878	418.85	0.000020%
232500	232500	103.43	0.000005%
232500	232508	5,816,655.56	0.275006%
232500	232510	149,491.99	0.007068%
232500	232520	51,661.28	0.002442%
232500	632508	409,110.35	0.019342%
232500	958708	692,782.35	0.032754%
232900	197888	229.56	0.000011%
232900	232900	(94.34)	-0.000004%
232900	232908	1,408,411.44	0.066588%
232900	632908	77,140.52	0.003647%
232900	958808	160,689.64	0.007597%
240200	240200	(3,290.24)	-0.000156%
240200	240208	58,603,647.55	2.770728%
240200	951808	2,779,535.03	0.131414%
243700	243008		0.000000%
243700	243708	79,412,490.82	3.754551%
247100	247108	9,786,560.32	0.462700%
247100	959118	362,644.89	0.017146%
250000	197318	420.00	0.000020%
250000	250008	28,533,607.89	1.349043%
250000	250020	184,546.58	0.008725%
250000	609508	789,940.77	0.037348%
250000	853108	186,186.42	0.008803%
250000	953108	4,664,717.12	0.220544%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
250010	250010	22,115.64	0.001046%
264900	264900	6,549.04	0.000310%
295200	295200	252.00	0.000012%
297300	297300	106,706.36	0.005045%
297300	297308	106,706.30	0.005045%
300100	300108	8,880,320.28	0.419854%
300300	300308	937,377.61	0.044318%
300400	300408	532,992.27	0.025199%
300500	300508	918,853.96	0.043443%
300600	300608	794,253.65	0.037552%
300700	300700	17,965.91	0.000849%
300700	300708	587,925.12	0.027797%
300700	640700	8,030.28	0.000380%
300700	640708	22,538.92	0.001066%
300800	300808	1,208,283.34	0.057127%
300900	300900	103,495.94	0.004893%
300900	300908	994,249.49	0.047007%
301000	301008	654,100.77	0.030925%
301100	301100	64,139.54	0.003032%
301100	301108	978,246.49	0.046251%
301200	301208	1,476,099.78	0.069789%
301300	301308	954,979.91	0.045151%
301400	301408	179,866.93	0.008504%
301500	301500	118,599.64	0.005607%
301600	301608	637,958.77	0.030162%
301700	301700	166,159.28	0.007856%
301700	301708	377,570.52	0.017851%
301800	301808	752,012.05	0.035554%
301900	301900	383,876.77	0.018149%
302000	302008	763,922.58	0.036118%
302100	302108	986,712.55	0.046651%
302200	302208	1,102,133.22	0.052108%
302300	302300	548,122.07	0.025915%
302300	302308	66,223.83	0.003131%
302400	302400	145,187.25	0.006864%
302400	302408	819,058.43	0.038724%
302500	302508	1,808,349.01	0.085497%
302600	302608	910,772.36	0.043060%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
302700	302700	13,393.30	0.000633%
302700	302708	374,798.27	0.017720%
302800	302808	552,125.97	0.026104%
302900	302900	136,548.95	0.006456%
302900	302908	490,227.93	0.023178%
302900	888058	(21,615.68)	-0.001022%
302900	988058	40,798.00	0.001929%
303000	303008	828,997.47	0.039194%
303100	303100	706,584.63	0.033407%
303300	303300		0.000000%
303300	303308	171,582.35	0.008112%
303400	303408	877,914.15	0.041507%
303500	303508	4,250,603.10	0.200965%
303500	643508	430,892.13	0.020372%
303600	303608	548,695.69	0.025942%
303700	303700	146,392.85	0.006921%
303800	303800	146,877.95	0.006944%
303800	303808	749,880.36	0.035454%
303900	303900	1,205,860.45	0.057012%
304000	304008	1,601,912.05	0.075737%
304100	304100	499,000.22	0.023592%
304500	304508	1,640,544.86	0.077563%
304500	880718	280,070.31	0.013241%
304600	304608	529,217.98	0.025021%
304700	304700		0.000000%
304700	304708	45,149,971.98	2.134650%
304700	644700		0.000000%
304700	644708	4,123,233.09	0.194943%
304900	304900	420,130.71	0.019863%
304900	304908	47,373.72	0.002240%
305100	305100	486,102.97	0.022983%
305100	305108	8,854.96	0.000419%
305200	305208	138,357.72	0.006541%
305300	305308	2,729,651.72	0.129055%
306100	306100		0.000000%
306100	306108	11,510,317.05	0.544197%
306100	981138	54,016.04	0.002554%
306300	306308	778,379.87	0.036801%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
306400	306400	52,914.52	0.002502%
306400	306408	48,340.38	0.002285%
306500	306508	1,686,383.74	0.079731%
306700	306708	192,894.09	0.009120%
306900	306900	56,049.30	0.002650%
306900	306908	968,748.82	0.045802%
307000	307008	404,879.17	0.019142%
307100	307108	220,939.68	0.010446%
307200	307208	344,584.41	0.016292%
307300	307308	489,503.27	0.023143%
307400	307400	150,734.62	0.007127%
307500	307500		0.000000%
307500	307508	2,599,773.34	0.122915%
307600	307608	486,118.83	0.022983%
307700	307708	1,495,446.38	0.070703%
307800	307808	489,223.31	0.023130%
307900	307908	1,375,137.00	0.065015%
308000	308008	563,565.24	0.026645%
308100	308108	1,525,390.52	0.072119%
308200	308200	248,249.83	0.011737%
308200	308208	1,759,569.96	0.083191%
308300	308308	353,703.67	0.016723%
308400	308408	499,208.22	0.023602%
308500	308500	54,869.99	0.002594%
308500	308508	794,961.54	0.037585%
308600	308600	33,565.08	0.001587%
308600	308608	457,553.92	0.021633%
308900	308900		0.000000%
308900	308908	1,067,868.24	0.050488%
308900	308910	3,296.66	0.000156%
309100	309108	462,407.10	0.021862%
309300	309300	47,995.48	0.002269%
309300	309308	234,253.10	0.011075%
309500	309500	138,075.23	0.006528%
309500	309508	690,308.20	0.032637%
309600	309608	254,655.36	0.012040%
309700	309708	349,565.85	0.016527%
309800	309800	16,319.25	0.000772%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
309800	309808	36,156.63	0.001709%
309900	309908	458,304.15	0.021668%
313100	313108	436,181.71	0.020622%
313200	313208	121,849.97	0.005761%
313300	313308	68,455.47	0.003237%
313400	313408	782,386.38	0.036991%
313700	313708	1,277,038.61	0.060377%
314100	314108	4,140,403.33	0.195755%
314200	314200	172,371.03	0.008150%
314200	314208	256,452.45	0.012125%
314300	314300	310,133.15	0.014663%
314400	314408	404,297.57	0.019115%
314500	314500	250,460.63	0.011842%
314600	314608	766,370.73	0.036233%
314700	314700	25,712.86	0.001216%
314700	314708	1,114,291.98	0.052683%
314900	314900	234,753.67	0.011099%
314900	314908	26,234.60	0.001240%
315100	315108	377,260.33	0.017837%
315100	915108	7,952.87	0.000376%
315300	315300	212,934.46	0.010067%
315300	315308	902,392.84	0.042664%
315400	315408	665,434.73	0.031461%
316100	316100	592,048.60	0.027992%
317100	317100	1,264,502.22	0.059785%
317300	317300	236,796.28	0.011196%
317500	317500		0.000000%
317500	317508	3,557,006.66	0.168172%
317800	317800	4,320.20	0.000204%
317800	317808	219,437.76	0.010375%
318100	318108	2,295,856.33	0.108546%
318300	318308	2,237,632.27	0.105793%
318500	318508	2,125,861.44	0.100509%
318600	318600	41,518.17	0.001963%
318700	318700	82,132.81	0.003883%
318700	318708	40,784.44	0.001928%
318800	318808	934,407.91	0.044178%
318900	318900	282,689.32	0.013365%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
319000	319000	310,189.14	0.014665%
319100	319108	2,322,664.66	0.109813%
319200	319208	267,916.80	0.012667%
319300	319308	645,258.57	0.030507%
319400	319408	277,233.09	0.013107%
319800	319808	1,330,204.13	0.062891%
319900	319908	530,445.66	0.025079%
320000	320008	117,175.32	0.005540%
320100	320100	9.28	0.000000%
320100	320108	1,939,127.72	0.091680%
320300	320308	324,160.57	0.015326%
320500	320500	318,136.97	0.015041%
320500	320508	508,336.12	0.024034%
320500	660508	51,112.94	0.002417%
320700	320700	1,106,637.45	0.052321%
320700	320708	42,046.50	0.001988%
320900	320900	102,451.12	0.004844%
320900	320908	280,857.42	0.013279%
321000	321008	157,860.10	0.007463%
321100	321108	1,195,711.33	0.056532%
321200	321200	65,394.47	0.003092%
321200	321208	1,171,247.16	0.055376%
321300	321308	707,601.46	0.033455%
321400	321400		0.000000%
321400	321408	1,312,129.19	0.062036%
321500	321508	1,033,451.79	0.048861%
321600	321600	(20,107.97)	-0.000951%
321600	321608	2,138,940.28	0.101127%
321700	321708	1,729,856.61	0.081786%
321700	661708	50,453.62	0.002385%
321800	321808	1,079,990.39	0.051061%
321900	321900	136,065.70	0.006433%
322000	322008	109,341.60	0.005170%
322100	322108	741,037.11	0.035036%
322200	322208	373,312.23	0.017650%
322300	322308	634,603.19	0.030003%
322800	322808	715,626.28	0.033834%
323100	323100	110,073.36	0.005204%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
323100	323108	22,706.72	0.001074%
323300	323308	1,459,255.38	0.068992%
323400	323408	134,383.62	0.006354%
323500	323500	18,368.18	0.000868%
323500	323508	60,437.60	0.002857%
323600	323608	286,124.40	0.013528%
323700	323708	820,251.54	0.038781%
323800	323808	511,143.48	0.024166%
323900	323900	627,441.01	0.029665%
323900	323908	166,040.57	0.007850%
324000	324000	55,836.22	0.002640%
324000	324008	55,519.00	0.002625%
324100	324100	103,419.51	0.004890%
324100	324108	591,875.32	0.027983%
324200	324208	1,330,443.30	0.062902%
324300	324308	449,073.42	0.021232%
324400	324408	1,194,666.58	0.056483%
324500	324500	22.99	0.000001%
324500	324508	919,484.90	0.043472%
324600	324608	209,159.99	0.009889%
325100	325100	21,648.47	0.001024%
325100	325108	573,116.84	0.027096%
325300	325308	885,498.26	0.041866%
325400	325408	209,322.31	0.009897%
325500	325500	39,631.64	0.001874%
325500	325508	1,036,728.05	0.049016%
325700	325700	64,826.67	0.003065%
325700	325708	1,302,931.05	0.061601%
325800	325800	62,280.10	0.002945%
325800	325808	712,089.55	0.033667%
326000	326008	267,324.11	0.012639%
326100	326100	83,259.24	0.003936%
326100	326108	1,428,010.00	0.067515%
326100	980818	11,004.29	0.000520%
326200	326208	1,064,277.06	0.050318%
326300	326308	2,758,800.09	0.130434%
326400	326400	81,198.29	0.003839%
326400	326408	336,758.44	0.015922%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
326500	326500	1,242,328.74	0.058736%
326600	326600	26,254.76	0.001241%
326600	326608	310,918.88	0.014700%
326700	326700	27,793.10	0.001314%
326700	326708	884,254.62	0.041807%
326700	666708	192,462.97	0.009099%
327100	327108	606,498.21	0.028675%
327300	327308	266,823.72	0.012615%
327400	327408	728,552.31	0.034445%
327500	327508	1,385,590.10	0.065509%
327600	327608	240,768.52	0.011383%
327700	327700	69,570.46	0.003289%
327700	327708	186,834.86	0.008833%
327800	327808	135,607.12	0.006411%
328100	328100	58,588.20	0.002770%
328100	328108	216,108.36	0.010217%
328200	328208	776,581.53	0.036716%
328300	328308	526,738.35	0.024904%
328400	328400		0.000000%
328400	328408	413,497.78	0.019550%
328500	328508	423,811.99	0.020037%
328600	328608	598,079.05	0.028277%
328700	328700	87,031.39	0.004115%
328700	328708	1,269,326.23	0.060013%
328800	328800	50,481.60	0.002387%
328800	328808	432,925.85	0.020468%
328900	328908	424,349.00	0.020063%
329000	329008	218,808.09	0.010345%
329100	329108	1,879,944.00	0.088882%
329300	329308	1,103,137.96	0.052155%
329400	329408	493,269.55	0.023321%
329500	329508	2,494,279.55	0.117927%
329700	329708	790,610.97	0.037379%
329800	329808	81,189.99	0.003839%
329900	329900	331,769.42	0.015686%
330000	330008	667,242.41	0.031547%
330100	330108	469,217.94	0.022184%
330200	330208	1,898,186.18	0.089745%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
330300	330308	1,432,161.78	0.067711%
330400	330408	1,939,775.56	0.091711%
330500	330500	187,272.42	0.008854%
330600	330608	1,324,451.40	0.062619%
330700	330708	1,038,873.92	0.049117%
330800	330808	849,035.89	0.040142%
330900	330908	613,203.51	0.028992%
331000	331008	3,135,075.08	0.148224%
331100	331100	37,090.12	0.001754%
331100	331108	25,438.69	0.001203%
331200	331208	430,796.09	0.020368%
331300	331308	1,312,086.51	0.062034%
331400	331408	330,390.03	0.015621%
331500	331500	427,787.86	0.020225%
331600	331608	535,328.37	0.025310%
331700	331708	294,377.37	0.013918%
331800	331800	63,786.57	0.003016%
331900	331900	41,633.67	0.001968%
331900	331908	308,214.30	0.014572%
332100	332108	418,365.35	0.019780%
332200	332200	196,399.39	0.009286%
332200	332208	819,800.97	0.038759%
332300	332300	60,548.28	0.002863%
332300	332308	836,501.23	0.039549%
332400	332408	7,337,945.30	0.346931%
332400	332410	10,038.71	0.000475%
332500	332508	437,482.72	0.020684%
333100	333108	1,555,788.18	0.073556%
333300	333300	441,300.30	0.020864%
333500	333508	1,792,240.44	0.084736%
333600	333600	93,230.14	0.004408%
333600	333608	359,774.84	0.017010%
333700	333708	559,523.36	0.026454%
333800	333800	176,313.65	0.008336%
333900	333900	49,854.86	0.002357%
333900	333908	179,614.13	0.008492%
334000	334008	371,331.83	0.017556%
334100	334100	50,169.27	0.002372%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
334200	334208	436,681.05	0.020646%
334300	334300	862,906.56	0.040797%
334400	334400	153,120.14	0.007239%
334400	334408	1,159,764.24	0.054833%
334600	334608	1,634,981.92	0.077300%
334700	334700	86,354.50	0.004083%
334700	334708	328,804.09	0.015546%
334800	334800	351,783.74	0.016632%
334800	334808	365,638.45	0.017287%
334900	334908	1,119,302.06	0.052920%
335000	335000	27,331.24	0.001292%
335000	335008	210,914.91	0.009972%
335100	335100	50,100.29	0.002369%
335100	335108	1,100,229.85	0.052018%
335300	335308	317,744.50	0.015023%
336100	336108	3,250,353.93	0.153674%
337100	337100	1,338,136.50	0.063266%
340000	340008	41,416,632.45	1.958141%
350000	350000		0.000000%
350000	350008	17,710,302.49	0.837327%
350000	959208	1,498,315.24	0.070839%
360000	360000		0.000000%
360000	360008	11,565,673.73	0.546815%
370100	370100	697,120.39	0.032959%
370100	370108	1,395,017.20	0.065955%
370200	370208	37,539.09	0.001775%
370300	370300	194,371.90	0.009190%
370400	370408	90,848.47	0.004295%
370500	370508	763,541.32	0.036100%
370600	370608	9,460.23	0.000447%
370700	370708	1,535,953.29	0.072618%
370800	370800	117,456.67	0.005553%
370900	370908	5,175,429.55	0.244690%
371000	371000	159,264.92	0.007530%
371100	371108	1,064,025.42	0.050306%
371200	371208	11,845.92	0.000560%
371300	371308	1,012,986.26	0.047893%
371400	371400	38,678.35	0.001829%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
371600	371608	27,580.30	0.001304%
371700	371700	308,989.76	0.014609%
371800	371808	26,750.12	0.001265%
371900	371908	664,579.93	0.031421%
372000	372000	126,087.02	0.005961%
372100	372108	103,735.96	0.004905%
372200	372208	170,170.50	0.008046%
372300	372300	296,850.15	0.014035%
372400	372400	153,320.91	0.007249%
372500	372508	970,529.21	0.045886%
372600	372600	224,708.23	0.010624%
372600	372608		0.000000%
372700	372708	424,309.56	0.020061%
372800	372800	18,340.42	0.000867%
372900	372908	417,020.30	0.019716%
373000	373000	44,004.24	0.002080%
373100	373108	223,543.44	0.010569%
373200	373200	69,192.39	0.003271%
373300	373308	184,116.98	0.008705%
373400	373400	27,399.53	0.001295%
373500	373500	95,351.06	0.004508%
373700	373700	136,839.29	0.006470%
373900	373908	126,051.17	0.005960%
374000	374008	85,153.24	0.004026%
374100	374108	42,299.36	0.002000%
374200	374208	107,243.36	0.005070%
374500	374500	211,175.77	0.009984%
374500	374508	5,677.08	0.000268%
374600	374600	72,209.98	0.003414%
374700	374708	31,105.05	0.001471%
374900	374900	9,340.97	0.000442%
375000	375008	120,516.47	0.005698%
375100	375100	46,372.01	0.002192%
375200	375200	46,672.90	0.002207%
375300	375308	146,277.64	0.006916%
375400	375400	73,020.52	0.003452%
375600	375600	43,830.28	0.002072%
375600	375608	43,830.30	0.002072%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
375700	375700	114,046.36	0.005392%
375900	375908	81,830.98	0.003869%
376000	376000	39,682.67	0.001876%
376000	376008	10,021.82	0.000474%
376100	376108	16,302.03	0.000771%
376200	376208	19,114.36	0.000904%
376300	376308	24,158.78	0.001142%
376500	376508	39,441.17	0.001865%
377000	377008	27,310.32	0.001291%
377100	377100	10,090.08	0.000477%
377200	377200	8,344.84	0.000395%
377300	377308	28,497.96	0.001347%
377400	377408	4,762.96	0.000225%
377500	377508	104,182.17	0.004926%
400000	400000	1,960.08	0.000093%
400100	400100	18,836.67	0.000891%
400200	400200	106,524.53	0.005036%
400400	400400		0.000000%
400400	400408	56,690.39	0.002680%
400500	400500	2,797.60	0.000132%
400600	400600	7,605.75	0.000360%
400700	400700	24,319.02	0.001150%
400800	400800	9,937.24	0.000470%
400900	400900	20,938.88	0.000990%
401100	401108	186,710.98	0.008828%
401200	401200	14,501.69	0.000686%
401300	401308	29,303.40	0.001385%
401400	401400	4,175.81	0.000197%
401600	401600	5,601.75	0.000265%
401700	401700	36,180.73	0.001711%
401800	401800	56,626.31	0.002677%
401900	401900	22,996.76	0.001087%
402000	402000	168.00	0.000008%
402100	402100	47,291.31	0.002236%
402200	402200	24,316.94	0.001150%
402300	402300	16,144.33	0.000763%
402400	402400	111,795.40	0.005286%
402500	402508	362,167.35	0.017123%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
402600	402600	27,443.97	0.001298%
402700	402700	22,867.00	0.001081%
402800	402800	20,477.04	0.000968%
402900	402908	1,147.97	0.000054%
403100	403100	79,088.14	0.003739%
403200	403200	6,781.88	0.000321%
403300	403300	25,124.01	0.001188%
403800	403800	13,599.62	0.000643%
403900	403900	588.00	0.000028%
404000	404000	29,542.38	0.001397%
404100	404108	96,776.65	0.004576%
404200	404200	625.38	0.000030%
404300	404300	194,633.26	0.009202%
404500	404500	20,318.85	0.000961%
404600	404600	47,386.14	0.002240%
404700	404700	1,139.60	0.000054%
404900	404900	65,744.87	0.003108%
405100	405100	2,217.84	0.000105%
405200	405200	11,518.00	0.000545%
405300	405300	23,362.90	0.001105%
405400	405408	127,104.68	0.006009%
405500	405500	18,275.99	0.000864%
405500	405508	2,161.56	0.000102%
405600	405600	642.26	0.000030%
406100	406108	62,249.66	0.002943%
406200	406200	25,717.49	0.001216%
406300	406300	1,271.62	0.000060%
406400	406400	8,009.93	0.000379%
406600	406600	49,644.48	0.002347%
406700	406700	3,168.55	0.000150%
406800	406800	1,245.84	0.000059%
406900	406900	4,614.61	0.000218%
407100	407100	12,046.92	0.000570%
407200	407200	71,132.89	0.003363%
407200	407208	11,886.48	0.000562%
407300	407300	59,843.05	0.002829%
407400	407400	20,436.13	0.000966%
407500	407500	31,506.24	0.001490%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
407600	407600	1,932.00	0.000091%
407700	407700	176,260.68	0.008333%
407800	407800	11,689.89	0.000553%
407900	407900	736.02	0.000035%
408000	408000	1,358.04	0.000064%
408200	408200	11,022.73	0.000521%
408300	408300	22,959.52	0.001086%
408400	408400	107,180.77	0.005067%
408500	408508	19,736.19	0.000933%
408600	408608	88,343.32	0.004177%
408700	408700	47,080.97	0.002226%
408800	408808	11,458.16	0.000542%
408900	408900	4,434.17	0.000210%
409000	409000	2,479.83	0.000117%
409000	409008	36,309.58	0.001717%
409200	409200	41,486.56	0.001961%
409300	409300		0.000000%
409400	409400		0.000000%
409400	409408	117,699.46	0.005565%
409600	409600	48,116.03	0.002275%
409700	409708	149,364.90	0.007062%
409800	409800	63,920.38	0.003022%
410000	410000	11,517.87	0.000545%
410300	410300	219,632.17	0.010384%
410500	410500	7,015.91	0.000332%
410700	410700	175,908.79	0.008317%
411200	411200	8,214.64	0.000388%
411300	411300	2,086.70	0.000099%
411400	411400	2,490.29	0.000118%
411500	411500	34,859.41	0.001648%
411600	411600	850.54	0.000040%
411800	411800	308.00	0.000015%
411900	411900	45,078.23	0.002131%
412100	412100	23,524.37	0.001112%
412200	412208	94,109.70	0.004449%
412400	412408	119,318.14	0.005641%
412500	412500	106,850.07	0.005052%
412600	412600	1,988.00	0.000094%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
412700	412700	36,943.23	0.001747%
412800	412800	150,622.82	0.007121%
412900	412900	1,493.94	0.000071%
412900	412908	290,540.20	0.013736%
413000	413000	253,837.56	0.012001%
413100	413100	2,635.50	0.000125%
413400	413408	74,423.87	0.003519%
413400	981308	1,370.71	0.000065%
413600	413600	30,758.56	0.001454%
413600	413608	153,501.64	0.007257%
413700	413708	104,390.40	0.004935%
413800	413800	21,294.28	0.001007%
414000	414000	88,816.75	0.004199%
414000	414008	6,784.65	0.000321%
414100	414100	19,418.87	0.000918%
414200	414200	4,926.36	0.000233%
414400	414400	5,016.23	0.000237%
414500	414500	1,176.00	0.000056%
414700	414700	31,652.59	0.001497%
414900	414900	38,609.86	0.001825%
415200	415200	2,149.01	0.000102%
415300	415308	302,351.63	0.014295%
415500	415508	536,921.60	0.025385%
415800	415800	2,906.84	0.000137%
415900	415900	13,250.40	0.000626%
416200	416200	18,809.64	0.000889%
416300	416300	10,982.67	0.000519%
416500	416500	8,717.38	0.000412%
416600	416600	6,209.21	0.000294%
416700	416700	5,424.90	0.000256%
416900	416900	18,669.77	0.000883%
417000	417008	11,387.04	0.000538%
417100	417100	7,238.42	0.000342%
417200	417208	251,271.29	0.011880%
417200	983608	50,920.24	0.002407%
417300	417300	80,299.90	0.003797%
417700	417700	10,534.46	0.000498%
417900	417900	1,458.81	0.000069%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
418000	418008	6,478.78	0.000306%
418300	418308	76,295.26	0.003607%
418500	418500	8,188.20	0.000387%
418800	418808	119,504.19	0.005650%
418900	418900	6,737.46	0.000319%
419100	419100	360,910.23	0.017064%
419400	419400	44,081.80	0.002084%
419700	419700	57,979.79	0.002741%
419800	419800	13.86	0.000001%
419900	419900	26,629.97	0.001259%
420000	420000	18,427.91	0.000871%
420200	420208	32,860.38	0.001554%
420300	420300	6,522.97	0.000308%
420500	420500	17,122.17	0.000810%
420700	420700	24,181.87	0.001143%
420700	420708	102,315.25	0.004837%
420800	420800	1,512.00	0.000071%
420900	420900	71,391.83	0.003375%
421200	421200	49,641.91	0.002347%
421300	421300	5,166.00	0.000244%
421400	421400	41,139.72	0.001945%
421500	421500	99,474.74	0.004703%
421600	421600	4,418.40	0.000209%
421700	421700	2,824.64	0.000134%
421800	421800	4,432.54	0.000210%
421900	421908	281,428.51	0.013306%
422000	422000	12,228.47	0.000578%
422300	422300	43,659.45	0.002064%
422700	422700	22,393.00	0.001059%
422900	422900	1,687.00	0.000080%
423300	423300	2,595.06	0.000123%
423400	423400	28,101.61	0.001329%
423500	423500	2,404.50	0.000114%
423600	423600	104,572.54	0.004944%
423700	423700	30,006.63	0.001419%
423800	423800	113,471.29	0.005365%
424100	424100	22,417.35	0.001060%
424200	424200	1,836.80	0.000087%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
424400	424400	82,814.92	0.003915%
424500	424500	46,408.25	0.002194%
424600	424608	3,856,040.89	0.182310%
424700	424700	10,411.21	0.000492%
424900	424900	1,968.53	0.000093%
425300	425300	37,262.80	0.001762%
425500	425500	16,572.47	0.000784%
425700	425708	84,289.76	0.003985%
425800	425800	7,151.71	0.000338%
425900	425908	30,295.03	0.001432%
426100	426100	12,670.05	0.000599%
426300	426308	58,572.80	0.002769%
426500	426500	63,285.84	0.002992%
426700	426700	22,235.39	0.001051%
426900	426900	3,902.68	0.000185%
427000	427008	340,830.86	0.016114%
427200	427200	52,524.47	0.002483%
427200	427208	6,132.48	0.000290%
427300	427300	90,438.33	0.004276%
427500	427508	97,127.54	0.004592%
427800	427800	30,559.49	0.001445%
428000	428008	39,872.37	0.001885%
428100	428100	17,042.90	0.000806%
428200	428200	26,848.27	0.001269%
428500	428500	5,489.28	0.000260%
428700	428700	3,320.20	0.000157%
428800	428800	24,850.02	0.001175%
429100	429100	37,955.25	0.001794%
429200	429200	9,130.67	0.000432%
429300	429300	41,134.57	0.001945%
429400	429400	63,550.62	0.003005%
429500	429500	16,409.84	0.000776%
429700	429700	31,733.87	0.001500%
429800	429800	5,296.49	0.000250%
429900	429900	61,071.70	0.002887%
430100	430100	10,660.56	0.000504%
430400	430400	279.27	0.000013%
430900	430900	44,590.09	0.002108%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
431100	431100	46,292.41	0.002189%
431300	431300	92,959.98	0.004395%
431400	431408	132,740.17	0.006276%
431600	431600	69,215.52	0.003272%
431700	431700	25,437.07	0.001203%
431700	431708	79,807.79	0.003773%
431800	431800	155,705.57	0.007362%
432200	432200	13,562.97	0.000641%
432200	432208	147,597.37	0.006978%
432300	432300	9,755.60	0.000461%
432400	432400	10,877.62	0.000514%
432400	432408	53,124.37	0.002512%
432500	432500	533.91	0.000025%
432600	432600	30,694.78	0.001451%
432800	432800	24,005.91	0.001135%
432800	432808	103,100.50	0.004874%
432900	432900	1,680.00	0.000079%
433100	433100	1,633.38	0.000077%
433200	433208	152,204.23	0.007196%
433300	433300	5,111.19	0.000242%
433400	433400	48,978.30	0.002316%
433500	433500		0.000000%
433500	433508	33,005.42	0.001560%
433600	433600	563.47	0.000027%
433700	433700	117,862.49	0.005572%
433800	433800	24,257.80	0.001147%
434000	434000	154.70	0.000007%
434200	434200	30,833.47	0.001458%
434200	434208	196,659.49	0.009298%
434300	434300	44,637.92	0.002110%
434400	434400	129.92	0.000006%
434500	434500	1,982.40	0.000094%
434700	434700	29,900.53	0.001414%
434800	434800	46,695.98	0.002208%
435000	435008	674,623.79	0.031896%
435100	435100	2,576.00	0.000122%
435200	435200	19,232.97	0.000909%
435400	435400	14,781.29	0.000699%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
435500	435500	24,094.79	0.001139%
435600	435600	17,348.22	0.000820%
436000	436000	8,103.79	0.000383%
436100	436100	3,360.00	0.000159%
436400	436400	3,521.60	0.000166%
436700	436700	4,053.00	0.000192%
436900	436900	78,525.23	0.003713%
437000	437008	331,661.96	0.015681%
437100	437100	1,137.50	0.000054%
437200	437200	7,468.51	0.000353%
437300	437300	3,892.00	0.000184%
437400	437400	17,707.23	0.000837%
437500	437500	46,346.20	0.002191%
437600	437600	1,680.00	0.000079%
437700	437700	8,147.76	0.000385%
437800	437800	128,914.69	0.006095%
437900	437900	1,764.00	0.000083%
438100	438100	784.00	0.000037%
438200	438200	127,609.38	0.006033%
438300	438300	14,995.54	0.000709%
438400	438400	2,478.00	0.000117%
438500	438508	162,258.40	0.007671%
439100	439100	27,815.45	0.001315%
439300	439300	55,260.98	0.002613%
439400	439400	25,615.03	0.001211%
439500	439508	58,549.64	0.002768%
439600	439600	13,067.35	0.000618%
439700	439700	1,348.94	0.000064%
439800	439800	6,836.46	0.000323%
439900	439900	2,711.80	0.000128%
440100	440100	27,967.79	0.001322%
440300	440300	637.00	0.000030%
440900	440908	1,653,708.86	0.078186%
440900	887500		0.000000%
441000	441008	95,729.07	0.004526%
441100	441100	3,577.99	0.000169%
441300	441300	2,300.94	0.000109%
442100	442108	115,074.01	0.005441%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
442200	442200	7,725.34	0.000365%
442300	442300	75,842.57	0.003586%
442400	442400	(7,591.38)	-0.000359%
442400	442408	125,354.24	0.005927%
442500	442508	34,767.73	0.001644%
443100	443100	3,627.53	0.000172%
443200	443200	4,696.09	0.000222%
443300	443300	1,119.96	0.000053%
443400	443400	606.20	0.000029%
443500	443500	22,048.89	0.001042%
444100	444100	118,070.60	0.005582%
444100	444108	12,132.04	0.000574%
444200	444200	13,001.19	0.000615%
444400	444400	36,279.43	0.001715%
444500	444500	73,611.37	0.003480%
444500	444508	9,100.07	0.000430%
444600	444600	252.00	0.000012%
444700	444700	25,145.94	0.001189%
444900	444900	9,685.90	0.000458%
445000	445000	788.20	0.000037%
445100	445100	5,887.06	0.000278%
445300	445308	50,491.79	0.002387%
445400	445400	194,845.90	0.009212%
445600	445600	8,706.63	0.000412%
445700	445708	83,463.64	0.003946%
445800	445800	1,284.48	0.000061%
445900	445900	65,878.69	0.003115%
446000	446008	44,021.93	0.002081%
446100	446108	2,599.77	0.000123%
446200	446200	5,854.68	0.000277%
446300	446300	9,913.06	0.000469%
446400	446400	10,493.70	0.000496%
446800	446800	33,064.11	0.001563%
446900	446900	1,171.52	0.000055%
447100	447100	89,358.48	0.004225%
447400	447400	89,409.59	0.004227%
447500	447500	66,330.64	0.003136%
447800	447800	94,618.70	0.004473%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
448000	448008	145,869.13	0.006897%
448100	448108	40,387.49	0.001909%
448400	448400	8,710.26	0.000412%
448500	448500	38,410.77	0.001816%
448600	448608	95,682.28	0.004524%
448700	448700	33,590.22	0.001588%
448800	448800	6,673.52	0.000316%
449000	449000	480.34	0.000023%
449100	449100	141,576.50	0.006694%
449200	449200	5,464.07	0.000258%
449400	449400	94,129.93	0.004450%
449700	449700	16,997.41	0.000804%
449800	449800	51,299.00	0.002425%
449900	449900	350.04	0.000017%
450000	450000	23,212.37	0.001097%
450100	450100	25,007.14	0.001182%
450300	450300	36,266.53	0.001715%
450500	450500	15,798.62	0.000747%
450500	450508	2,311.54	0.000109%
450900	450900	48,470.20	0.002292%
451100	451100	7,024.32	0.000332%
451200	451200	33,670.90	0.001592%
451300	451300	58,518.53	0.002767%
451400	451408	73,172.09	0.003460%
451600	451600	16,419.31	0.000776%
451700	451700	1,484.48	0.000070%
452000	452008	93,237.85	0.004408%
452200	452200	25,227.38	0.001193%
452300	452300	263.17	0.000012%
452300	452308	27,541.78	0.001302%
452400	452400	10,974.15	0.000519%
452500	452500	24,596.65	0.001163%
452700	452700	24,221.95	0.001145%
452900	452900	45,535.14	0.002153%
453000	453008	66,635.18	0.003150%
453300	453300	13,032.60	0.000616%
453400	453400	30,175.98	0.001427%
453400	453408	79,124.41	0.003741%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
453500	453500	59,513.73	0.002814%
453600	453600	6,684.37	0.000316%
453800	453800	29,504.87	0.001395%
453900	453900	2,416.40	0.000114%
454300	454300	785.82	0.000037%
454400	454408	1,026,266.71	0.048521%
454800	454808	534,138.80	0.025254%
455000	455008	80,072.49	0.003786%
455100	455100	840.00	0.000040%
455200	455200	24,759.52	0.001171%
455700	455700	(356.05)	-0.000017%
455700	455708	14,080.94	0.000666%
455800	455800	2,156.00	0.000102%
456000	456008	92,756.85	0.004385%
456100	456100	23,823.43	0.001126%
456300	456300	103,214.00	0.004880%
456300	456308	8,819.98	0.000417%
456400	456400	1,024.80	0.000048%
456500	456500	18,893.88	0.000893%
456600	456600	672.00	0.000032%
456700	456700	4,957.97	0.000234%
456800	456800	81,817.33	0.003868%
456900	456908	262,060.23	0.012390%
457000	457000	8,602.75	0.000407%
457100	457100	17,513.25	0.000828%
457300	457300	990.85	0.000047%
457700	457708	119,589.67	0.005654%
457800	457808	57,444.53	0.002716%
457900	457900	2,265.63	0.000107%
458100	458100	67.20	0.000003%
458200	458200	3,322.57	0.000157%
458300	458300	102,188.76	0.004831%
458300	458308	45,779.81	0.002164%
458400	458408	53,879.53	0.002547%
458500	458500	33,210.39	0.001570%
458500	458508	152,482.96	0.007209%
458600	458600	71,150.29	0.003364%
458700	458708	464,980.73	0.021984%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
459100	459100	585.90	0.000028%
459200	459200	86,717.04	0.004100%
459500	459508	223,676.80	0.010575%
459700	459700	198,719.49	0.009395%
459800	459800	1,690.08	0.000080%
460100	460100	5,511.85	0.000261%
460200	460200	38,115.14	0.001802%
460300	460300	20,014.73	0.000946%
460400	460400	14,595.88	0.000690%
460500	460500	784.00	0.000037%
460600	460600	14,886.82	0.000704%
460800	460800	101,882.07	0.004817%
461000	461008	124,226.65	0.005873%
461100	461100	15,052.10	0.000712%
461300	461300		0.000000%
461300	461308	35,723.89	0.001689%
461400	461400	10,317.59	0.000488%
461600	461600	2,923.01	0.000138%
461700	461708	129,059.07	0.006102%
461800	461800	6,121.30	0.000289%
462300	462300	2,771.52	0.000131%
462500	462500	80,169.83	0.003790%
462900	462900	3,046.55	0.000144%
463200	463208	678,809.41	0.032093%
463300	463300	870.13	0.000041%
463400	463400	13,658.54	0.000646%
463500	463500	2,170.74	0.000103%
463600	463600	166,437.88	0.007869%
463600	463608	27,135.71	0.001283%
463600	822400		0.000000%
463600	983508	63,928.93	0.003023%
463700	463700	190,867.37	0.009024%
463800	463800	108,336.40	0.005122%
464000	464008	99,470.04	0.004703%
464100	464108	39,618.34	0.001873%
464200	464200	47,048.14	0.002224%
464400	464400	672.00	0.000032%
464500	464500	105,114.44	0.004970%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
464600	464608	129,132.99	0.006105%
464700	464700	75,511.94	0.003570%
464700	464708	55,398.34	0.002619%
464800	464800	16,248.88	0.000768%
464900	464900	28,177.90	0.001332%
465000	465000	53,234.14	0.002517%
465100	465100	25,307.92	0.001197%
465200	465200	22,255.86	0.001052%
465300	465308	61,143.14	0.002891%
465400	465400	2,673.16	0.000126%
465500	465500	14,275.40	0.000675%
465600	465600	299.63	0.000014%
465700	465700	2,824.50	0.000134%
465800	465800	45,836.75	0.002167%
465900	465900	19,904.82	0.000941%
466100	466100	21,516.64	0.001017%
466300	466308	62,591.76	0.002959%
466400	466400	168.00	0.000008%
466500	466500	6,453.63	0.000305%
466700	466700	116,831.85	0.005524%
467300	467300	8,486.36	0.000401%
467400	467400	58,694.21	0.002775%
467400	467408	95,969.82	0.004537%
467500	467500	24,079.50	0.001138%
467800	467800	128,304.81	0.006066%
467900	467900	15,079.47	0.000713%
468000	468008	69,273.13	0.003275%
468100	468100	33,799.94	0.001598%
468300	468300	50,319.02	0.002379%
468400	468400	21,332.24	0.001009%
468400	468408	134,695.29	0.006368%
468600	468600	2,112.82	0.000100%
468900	468900	497.70	0.000024%
469100	469108	190,842.06	0.009023%
469200	469200	40,204.88	0.001901%
469200	469208	138,611.48	0.006553%
469300	469308	399,023.67	0.018865%
469400	469400	38,468.37	0.001819%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
469500	469500	19,186.07	0.000907%
469600	469608	236,820.72	0.011197%
469700	469700	6,388.26	0.000302%
469800	469800	24,299.22	0.001149%
469900	469900	420.00	0.000020%
470100	470108	194,678.46	0.009204%
470200	470200	791.00	0.000037%
470300	470300	229,858.72	0.010868%
470500	470500	56,084.42	0.002652%
470700	470700	1,512.00	0.000071%
470800	470800	5,754.42	0.000272%
470900	470900	163,837.62	0.007746%
471000	471008	127,671.01	0.006036%
471100	471100	36,031.83	0.001704%
471300	471300	11,312.10	0.000535%
471600	471600	1,290.02	0.000061%
471700	471700	26,779.55	0.001266%
472000	472000	697.20	0.000033%
472100	472108	256,323.59	0.012119%
472200	472200	490.08	0.000023%
472300	472300	103,773.88	0.004906%
472500	472500	23,689.41	0.001120%
472600	472608	42,690.82	0.002018%
472700	472700	62,723.89	0.002966%
472700	472708	13,801.92	0.000653%
472800	472800	37,534.74	0.001775%
472800	472808	169.28	0.000008%
473000	473000	36,777.04	0.001739%
473300	473300	19,069.87	0.000902%
473400	473408	14,324.47	0.000677%
473500	473508	535,495.98	0.025318%
473600	473600	70,644.91	0.003340%
473700	473700	66,753.48	0.003156%
473800	473800	1,652.00	0.000078%
473900	473900	122,676.10	0.005800%
474000	474000	924.00	0.000044%
474100	474100	8,327.12	0.000394%
474300	474300	22,572.48	0.001067%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
474500	474500	18,290.51	0.000865%
474600	474600	79,718.20	0.003769%
474700	474700	36,096.34	0.001707%
474800	474800	1,572.82	0.000074%
474900	474900	60,227.24	0.002847%
474900	474908	7,807.71	0.000369%
475100	475100	4,952.43	0.000234%
475200	475200	1,734.08	0.000082%
475300	475300	5,681.45	0.000269%
475400	475400	1,828.44	0.000086%
475500	475500	58,415.11	0.002762%
475600	475600	30,915.05	0.001462%
475700	475700	39,409.50	0.001863%
475800	475800	117,309.89	0.005546%
475900	475908	287,830.98	0.013608%
476100	476100	11,166.15	0.000528%
476200	476200	20,166.18	0.000953%
476300	476300	7,163.04	0.000339%
476400	476400	23,584.55	0.001115%
476600	476600	7,710.51	0.000365%
476800	476800	14,472.00	0.000684%
477000	477000	6,768.64	0.000320%
477300	477308	417,941.54	0.019760%
477400	477408	48,697.04	0.002302%
477500	477508	108,565.79	0.005133%
477600	477600	104,303.75	0.004931%
477700	477700	8,554.01	0.000404%
477800	477800	1,819.92	0.000086%
477900	477900	881.97	0.000042%
478000	478008	177,883.07	0.008410%
478100	478100	800.88	0.000038%
478200	478200	15,700.14	0.000742%
478300	478308	33,591.37	0.001588%
478400	478400	1,400.00	0.000066%
478700	478700	23,846.12	0.001127%
478800	478800	56,630.16	0.002677%
478900	478900	803.64	0.000038%
479000	479000	2,834.72	0.000134%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
479100	479100	13,395.24	0.000633%
479200	479200	5,913.15	0.000280%
479300	479300	32,085.63	0.001517%
479400	479400	9,468.03	0.000448%
479500	479500	2,281.14	0.000108%
479600	479600	34,683.75	0.001640%
479800	479808	201,128.38	0.009509%
479900	479908	88,190.06	0.004170%
480000	480000	43,390.68	0.002051%
480100	480100	9,907.33	0.000468%
480500	480500	18,554.52	0.000877%
480600	480600	980.35	0.000046%
480800	480800	35,327.11	0.001670%
480900	480900	20,670.96	0.000977%
480900	480908	11,420.41	0.000540%
481000	481000	3,128.90	0.000148%
481100	481100	28,155.01	0.001331%
481200	481200	2,845.26	0.000135%
481300	481300	22,324.69	0.001055%
481400	481400	25,619.50	0.001211%
481400	481408	135,412.46	0.006402%
481500	481500	9,765.40	0.000462%
481700	481708	6,620.36	0.000313%
481800	481808	153,278.42	0.007247%
482200	482200	10,652.57	0.000504%
482300	482308	212,977.98	0.010069%
482500	482500	2,209.06	0.000104%
482600	482600	27,075.14	0.001280%
482700	482708	21,664.79	0.001024%
482800	482800	27,677.51	0.001309%
482900	482908	113,534.42	0.005368%
483200	483200	9,663.36	0.000457%
483300	483300	26,892.38	0.001271%
483500	483500	36,758.49	0.001738%
483700	483700	39,843.07	0.001884%
483800	483800	53,555.40	0.002532%
483900	483900	36,922.17	0.001746%
484100	484108	18,268.19	0.000864%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
484200	484200	16,191.93	0.000766%
484300	484300	90,189.76	0.004264%
484400	484400	113,304.02	0.005357%
484500	484508	72,880.09	0.003446%
484600	484600	2,682.61	0.000127%
484700	484700	4,764.68	0.000225%
484800	484800	3,303.69	0.000156%
484900	484900	44,614.55	0.002109%
485000	485000	2,998.40	0.000142%
485100	485100	34,997.30	0.001655%
485200	485200	49,458.51	0.002338%
485300	485300	86,655.17	0.004097%
485300	485308	541,164.87	0.025586%
485500	485508	9,103.09	0.000430%
485700	485700	13,538.34	0.000640%
485800	485800	1,451.45	0.000069%
485900	485908	73,480.94	0.003474%
486000	486000	64,523.46	0.003051%
486200	486200	42,296.11	0.002000%
486300	486300	89,980.87	0.004254%
486400	486400	22,541.59	0.001066%
486500	486500	1,435.21	0.000068%
486600	486600	116,189.10	0.005493%
486700	486708	105,579.36	0.004992%
486800	486800	34,453.25	0.001629%
486900	486900	2,094.40	0.000099%
487000	487000	15,220.24	0.000720%
487100	487100	2,634.86	0.000125%
487200	487200	11,198.73	0.000529%
487300	487300	17,857.61	0.000844%
487400	487400	39,960.04	0.001889%
487500	487500	49,765.82	0.002353%
487700	487700	5,659.76	0.000268%
487800	487800	28,043.11	0.001326%
488000	488000	373.80	0.000018%
488200	488200	6,187.72	0.000293%
488400	488400	26,358.13	0.001246%
488500	488500	5,832.40	0.000276%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
488600	488600	7,424.68	0.000351%
488700	488708	189,097.21	0.008940%
488800	488800	26,885.12	0.001271%
489400	489400	67,646.02	0.003198%
489500	489508	321,973.17	0.015223%
489600	489600	1,903.92	0.000090%
489800	489800	5,704.86	0.000270%
489900	489900	546.00	0.000026%
490000	490000	14,942.08	0.000706%
490200	490208	8,029.65	0.000380%
490300	490308	214,883.59	0.010160%
490400	490400	27,419.86	0.001296%
490500	490500	4,393.20	0.000208%
490600	490600	27,990.77	0.001323%
490700	490700	27,019.83	0.001277%
490800	490800	2,286.93	0.000108%
490800	490808	33,087.14	0.001564%
490900	490900	41,441.48	0.001959%
491000	491000	2,264.64	0.000107%
491200	491200	26,065.98	0.001232%
491300	491308	127,408.88	0.006024%
491400	491408	301,341.16	0.014247%
491600	491600	17,794.69	0.000841%
491700	491700	11,183.38	0.000529%
491800	491800	25,582.78	0.001210%
491900	491908	58,578.93	0.002770%
492000	492008	314,635.80	0.014876%
492100	492108	54,597.81	0.002581%
492200	492200	1,031.10	0.000049%
492400	492408	216,968.83	0.010258%
492500	492500	844.90	0.000040%
492600	492600	2,935.84	0.000139%
493000	493000	39,989.09	0.001891%
493100	493100	10,037.76	0.000475%
493200	493200	51,534.90	0.002437%
493300	493308	189,891.48	0.008978%
493400	493400	1,189.92	0.000056%
493500	493508	11,227.94	0.000531%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
493600	493608	94,038.42	0.004446%
493700	493700	24,699.40	0.001168%
493800	493800	824.07	0.000039%
493900	493900	1,691.13	0.000080%
494100	494100	551.03	0.000026%
494200	494200	56,700.35	0.002681%
494300	494300	19,522.47	0.000923%
494300	494308	106,554.99	0.005038%
494400	494400	47,412.25	0.002242%
494800	494800	19,870.86	0.000939%
494900	494900	25,775.88	0.001219%
494900	494908	108,010.32	0.005107%
495000	495000	4,034.49	0.000191%
495100	495100	103,101.41	0.004875%
495100	495108	8,092.00	0.000383%
495200	495200	504.00	0.000024%
495400	495400	54,432.16	0.002574%
495500	495500	9,731.34	0.000460%
495800	495800	7,182.61	0.000340%
495900	495900	5,500.07	0.000260%
496000	496000	17,371.52	0.000821%
496100	496100	57,617.60	0.002724%
496200	496200	130,740.44	0.006181%
496300	496300	5,757.06	0.000272%
496400	496400	74,780.56	0.003536%
496600	496600	1,576.29	0.000075%
496800	496808	271,540.44	0.012838%
496900	496900	924.60	0.000044%
497000	497000	33,860.24	0.001601%
497100	497100	5,394.90	0.000255%
497200	497200	840.00	0.000040%
497300	497300	705.60	0.000033%
497500	497508	142,157.61	0.006721%
497600	497600	119,801.35	0.005664%
497700	497700	2,748.77	0.000130%
500100	500100	21,949.41	0.001038%
500300	500300	72,191.28	0.003413%
500300	500308	1,751,239.03	0.082797%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
500700	500700	19,682.47	0.000931%
500800	500800	7,608.21	0.000360%
500900	500908	143,328.27	0.006776%
501100	501108	78,914.89	0.003731%
501300	501300	27,563.74	0.001303%
501500	501500	23,451.80	0.001109%
501700	501700	29,573.05	0.001398%
501900	501908	87,143.40	0.004120%
502100	502100	19,016.97	0.000899%
502300	502308	138,180.82	0.006533%
502500	502500	41,419.22	0.001958%
502900	502900	16,105.96	0.000761%
503100	503108	195,363.11	0.009237%
504300	504308	110,436.50	0.005221%
504500	504508	37,985.58	0.001796%
504700	504700	574,171.35	0.027146%
505100	505100	29,128.39	0.001377%
505700	505700	5,049.66	0.000239%
505900	505900	87,513.90	0.004138%
506100	506100	55,945.46	0.002645%
506300	506308	52,312.22	0.002473%
506500	506500	8,041.84	0.000380%
506700	506708	204,000.44	0.009645%
506900	506900	42,382.12	0.002004%
507100	507100	8,984.05	0.000425%
507300	507308	25,325.70	0.001197%
507500	507508	13,088.07	0.000619%
507700	507700	163,415.09	0.007726%
507900	507900	12,720.13	0.000601%
508000	508000	156,899.29	0.007418%
508100	508108	22,774.65	0.001077%
508500	508508	158,895.01	0.007512%
508700	508708	42,137.66	0.001992%
508900	508908	65,300.45	0.003087%
509100	509108	56,108.07	0.002653%
509300	509300	30,150.04	0.001425%
509500	509500	106,096.50	0.005016%
509900	509900	38,005.70	0.001797%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
509900	509908	876,789.65	0.041454%
510000	510000	71,062.44	0.003360%
510100	510100	18,518.95	0.000876%
510300	510300	32,014.81	0.001514%
510500	510500	48,050.12	0.002272%
510900	510900	86,610.35	0.004095%
511100	511108	19,623.83	0.000928%
511300	511308	422,051.90	0.019954%
511500	511508	544,370.39	0.025737%
511900	511900	20,954.12	0.000991%
512100	512108	229,919.92	0.010870%
512300	512308	4,083,245.53	0.193052%
512500	512508	135,016.83	0.006383%
512600	512608	4,127,186.91	0.195130%
512700	512708	4,249,304.12	0.200903%
512900	512908	638,739.21	0.030199%
513100	513100	45,591.38	0.002156%
513300	513300	22,126.00	0.001046%
513500	513508	57,975.82	0.002741%
513700	513708	4,616,357.02	0.218257%
513900	513900	63,069.54	0.002982%
514100	514108	109,277.56	0.005167%
514300	514300	21,800.39	0.001031%
514500	514500	36,172.08	0.001710%
514700	514708	164,853.76	0.007794%
515100	515108	2,202,327.07	0.104124%
515300	515300	119,160.40	0.005634%
515500	515508	373,020.23	0.017636%
515700	515700	32,712.30	0.001547%
515900	515900	13,931.57	0.000659%
515900	515908	13,932.29	0.000659%
516200	516200	18,545.38	0.000877%
516300	516300	20,315.85	0.000961%
516500	516500	64,350.33	0.003042%
516700	516708	367,708.41	0.017385%
516800	516800	6,346.90	0.000300%
517100	517100	157,704.38	0.007456%
517200	517208	38,010.60	0.001797%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
517300	517300	27,083.90	0.001281%
517600	517600	43,129.73	0.002039%
517900	517908	287,500.67	0.013593%
518000	518008	335,731.27	0.015873%
518100	518100	25,256.99	0.001194%
518300	518300	13,899.98	0.000657%
518500	518508	219,179.72	0.010363%
518700	518700	13,157.64	0.000622%
518900	518900	9,730.37	0.000460%
519100	519100	56,132.18	0.002654%
519500	519508	134,805.65	0.006373%
519700	519708	158,696.79	0.007503%
520100	520100	5,196.89	0.000246%
520100	520108	38,512.01	0.001821%
520300	520300	95,889.99	0.004534%
520900	520908	94,334.75	0.004460%
521100	521108	57,380.32	0.002713%
521300	521300	60,358.91	0.002854%
521500	521500	13,615.50	0.000644%
521600	521608	87,418.10	0.004133%
521700	521708	239,245.19	0.011311%
521900	521900	76,479.86	0.003616%
522100	522100	3,800.38	0.000180%
522500	522500	92,000.94	0.004350%
522700	522708	417,864.04	0.019756%
523100	523108	416,392.86	0.019687%
523500	523508	99,725.83	0.004715%
523700	523700	106,990.17	0.005058%
523700	523708	57,608.77	0.002724%
523900	523900	16,455.85	0.000778%
524100	524100	12,411.15	0.000587%
524300	524308	70,953.81	0.003355%
524500	524508	218,043.50	0.010309%
524700	524700	51,167.72	0.002419%
526100	526100	17,136.80	0.000810%
526100	526108	11,426.22	0.000540%
526300	526308	30,807.80	0.001457%
527100	527100	135,123.39	0.006389%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
527300	527300	45,459.59	0.002149%
527700	527700	26,148.88	0.001236%
527900	527900	30,321.33	0.001434%
527900	527908	16,296.08	0.000770%
528100	528108	62,621.92	0.002961%
529100	529100	62,782.85	0.002968%
529100	529108	219,138.81	0.010361%
529300	529308	282,005.80	0.013333%
529500	529500	5,562.80	0.000263%
529500	529508	106,319.12	0.005027%
529600	529600	52,002.88	0.002459%
529600	529608	47,469.05	0.002244%
529900	529900	18,249.06	0.000863%
530100	530100	8,859.19	0.000419%
530100	530108	2,083.20	0.000098%
530300	530308	18,131.84	0.000857%
530500	530508	185,319.92	0.008762%
530700	530700	28,381.85	0.001342%
531100	531108	55,605.95	0.002629%
531300	531308	59,441.45	0.002810%
531500	531508	562,125.22	0.026577%
531700	531708	48,633.21	0.002299%
531900	531900	65,664.13	0.003105%
533100	533100	30,683.40	0.001451%
533300	533300	20,510.56	0.000970%
533500	533500	40,615.49	0.001920%
533700	533708	101,217.29	0.004785%
534100	534108	636,918.92	0.030113%
534300	534308	197,484.40	0.009337%
534500	534508	157,484.78	0.007446%
534900	534900	94,647.28	0.004475%
535100	535108	132,680.54	0.006273%
535300	535300	188,891.79	0.008931%
535700	535700	30,597.54	0.001447%
535900	535908	610,987.78	0.028887%
536100	536108	287,559.32	0.013596%
536300	536300	15,929.71	0.000753%
536700	536708	78,639.30	0.003718%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
536900	536908	506,344.28	0.023940%
537500	537500	75,131.98	0.003552%
537700	537708	45,572.32	0.002155%
537800	537800	8,994.09	0.000425%
537900	537900	15,843.04	0.000749%
538100	538100	60,115.13	0.002842%
538300	538300	22,892.62	0.001082%
538500	538500	18,948.16	0.000896%
538700	538708	212,575.80	0.010050%
538900	538900	7,799.59	0.000369%
539100	539100	47,039.55	0.002224%
539200	539200	16,756.42	0.000792%
539300	539300	214,210.72	0.010128%
539500	539500	313,599.57	0.014827%
539700	539700	40,815.88	0.001930%
539900	539900	30,844.28	0.001458%
540100	540108	67,222.19	0.003178%
540300	540300	21,759.82	0.001029%
540500	540508	23,858.12	0.001128%
540900	540908	191,809.56	0.009069%
541100	541100	7,206.89	0.000341%
541300	541308	49,420.00	0.002337%
541500	541508	69,621.84	0.003292%
541700	541708	30,308.63	0.001433%
541900	541908	156,050.89	0.007378%
542100	542108	61,376.45	0.002902%
543100	543100	35,760.83	0.001691%
543300	543308	18,532.11	0.000876%
543500	543508	115,697.67	0.005470%
543700	543700	15,054.60	0.000712%
543700	543708	67,737.84	0.003203%
543900	543900	69,850.49	0.003302%
544100	544100	28,465.54	0.001346%
544300	544300	87,487.77	0.004136%
545100	545100	967.48	0.000046%
545100	545108	174,656.24	0.008258%
545200	545208	58,514.69	0.002767%
545300	545300	78,603.98	0.003716%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
545500	545508	84,298.27	0.003986%
545700	545708	35,289.56	0.001668%
545900	545900	14,441.99	0.000683%
545900	545908	55,190.93	0.002609%
546100	546100	74,967.85	0.003544%
546100	546108	61,946.23	0.002929%
546300	546300	133,957.30	0.006333%
546400	546400	31,088.50	0.001470%
546500	546500	77,637.92	0.003671%
546700	546700	62,525.23	0.002956%
547100	547100	86,591.35	0.004094%
547300	547308	245,768.85	0.011620%
547700	547708	132,582.40	0.006268%
548100	548108	317,860.41	0.015028%
548300	548308	119,969.48	0.005672%
548500	548500	24,339.72	0.001151%
548700	548700	45,827.28	0.002167%
548900	548900	13,932.48	0.000659%
549100	549100	11,680.85	0.000552%
549300	549300	57,339.79	0.002711%
550100	550100	23,031.32	0.001089%
550300	550308	340,812.74	0.016113%
550400	550400	47,474.65	0.002245%
550500	550500	49,148.31	0.002324%
550700	550708	23,527.00	0.001112%
550800	550800	14,491.23	0.000685%
550900	550900	78,451.85	0.003709%
551100	551100	171,954.00	0.008130%
551300	551308	50,487.72	0.002387%
551700	551700	109,638.80	0.005184%
552500	552500	364,778.21	0.017246%
552700	552700	198,649.74	0.009392%
552700	552708	31,706.20	0.001499%
552900	552908	223,559.85	0.010570%
553200	553200	81,316.82	0.003845%
553300	553300	35,896.79	0.001697%
553400	553400	22,977.49	0.001086%
554100	554100	124,587.15	0.005890%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
554300	554308	57,745.82	0.002730%
554500	554500		0.000000%
554500	554508	2,568,900.92	0.121455%
554700	554708	119,263.78	0.005639%
554900	554908	207,258.20	0.009799%
556300	556300	31,502.92	0.001489%
556500	556500	70,188.64	0.003318%
557300	557300	90,348.35	0.004272%
557500	557500	5,685.37	0.000269%
557500	557508	13,735.39	0.000649%
558100	558108	163,161.71	0.007714%
558300	558300	64,990.15	0.003073%
558300	558308	15,985.54	0.000756%
558500	558500	463,029.90	0.021892%
558500	558508	23,892.94	0.001130%
558700	558708	72,166.59	0.003412%
558900	558900	27,019.01	0.001277%
559000	559008	85,517.48	0.004043%
559100	559100	69,563.60	0.003289%
559200	559208	20,061.05	0.000948%
559300	559308	34,439.64	0.001628%
559500	559508	35,242.05	0.001666%
559600	559608	11,830.87	0.000559%
559700	559700	27,747.58	0.001312%
559900	559900	72,378.74	0.003422%
559900	559908	375,887.91	0.017772%
560100	560108	33,099.70	0.001565%
560300	560300	36,468.86	0.001724%
560500	560508	29,726.09	0.001405%
560700	560708	77,792.01	0.003678%
560900	560908	82,363.68	0.003894%
561100	561108	392,384.25	0.018552%
561700	561708	73,618.20	0.003481%
562100	562100	38,916.47	0.001840%
562500	562508	340,346.89	0.016091%
562900	562908	843,660.22	0.039887%
563100	563108	436,852.29	0.020654%
564100	564108	718,288.36	0.033960%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
564500	564508	983,432.76	0.046496%
565100	565100	5,091.66	0.000241%
565500	565508	288,232.25	0.013627%
570000	570008	35,961.73	0.001700%
626900	626900	3,614.46	0.000171%
627200	627208	298,811.22	0.014128%
633000	633008	45,298.66	0.002142%
633100	633100	69,091.50	0.003267%
633200	633208	462.00	0.000022%
633300	633308	1,117,656.68	0.052842%
633400	633400	15,366.20	0.000727%
633500	633500	15,383.59	0.000727%
633600	633600	26,923.79	0.001273%
633700	633708	6,653.48	0.000315%
633800	633800	8,121.04	0.000384%
633900	633900	26,654.39	0.001260%
634000	634000	38,257.22	0.001809%
634200	634200	2,846.90	0.000135%
634300	634300	20,192.30	0.000955%
634500	634508	666,804.78	0.031526%
634600	634608	68,470.47	0.003237%
634700	634700	3,677.52	0.000174%
635000	635008	99,891.13	0.004723%
635100	635108	25,750.21	0.001217%
635300	635300	13,947.64	0.000659%
635600	635600	1,035.96	0.000049%
635700	635700	489.96	0.000023%
635800	635800	1,876.00	0.000089%
635900	635900	2,854.16	0.000135%
636000	636000	280.00	0.000013%
636100	636100	6,138.58	0.000290%
636200	636200	8,140.02	0.000385%
636400	636400	336.00	0.000016%
636700	636700	47,247.74	0.002234%
636800	636800	66,316.04	0.003135%
636900	636900	1,033.20	0.000049%
637000	637000	40,675.96	0.001923%
637100	637100	12,551.54	0.000593%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
637200	637200	2,503.32	0.000118%
637300	637300	78,731.72	0.003722%
637400	637400	23,152.05	0.001095%
637600	637600	14,279.17	0.000675%
637900	637900	44,272.94	0.002093%
638100	638108	12,449.19	0.000589%
638200	638200	19,948.09	0.000943%
638300	638308	14,076.89	0.000666%
638400	638400	40,732.54	0.001926%
638500	638500	65,016.78	0.003074%
638800	638808	206,294.48	0.009753%
638900	638900	252.00	0.000012%
639100	639100	3,740.80	0.000177%
639200	639200	49,910.29	0.002360%
639300	639300	1,782.60	0.000084%
639400	639400	1,444.80	0.000068%
639600	639600	5,729.23	0.000271%
639800	639808	30,890.41	0.001460%
639900	639900	27,425.47	0.001297%
661600	661600	1,922.16	0.000091%
675900	675900	84,686.32	0.004004%
675900	675908	19,599.98	0.000927%
676000	676008	4,553.50	0.000215%
676200	676200	1,412.29	0.000067%
676330	676330	15,991.92	0.000756%
676400	676400	1,008.00	0.000048%
676600	676600	644.15	0.000030%
676700	676708	29,338.72	0.001387%
676800	676800	3,501.68	0.000166%
676900	676900	18,372.94	0.000869%
676900	676908	86,638.42	0.004096%
677000	677008	177,615.19	0.008397%
677010	677010	325.68	0.000015%
677200	677200	34,189.28	0.001616%
677400	677408	1,417,957.35	0.067040%
677400	677508	5,833,627.63	0.275809%
677700	677700	2,379.96	0.000113%
677800	677808	472,072.45	0.022319%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
677900	677900	1,957.62	0.000093%
678000	678008	1,319,133.35	0.062367%
678000	678108	3,505,230.09	0.165724%
678200	678200	3,057.06	0.000145%
678300	678300	60,215.35	0.002847%
678400	678400	867.97	0.000041%
678500	678500	14,882.46	0.000704%
678700	678700	3,554.88	0.000168%
678900	678900	2,990.13	0.000141%
679000	679000	32,229.90	0.001524%
679100	679108	46,445.75	0.002196%
679200	679200	9,610.36	0.000454%
679300	679300	883.40	0.000042%
679400	679408	205,001.71	0.009692%
679500	679500	28,084.75	0.001328%
679700	679708	256,823.42	0.012142%
679800	679800	5,826.41	0.000275%
679900	679900	40,663.07	0.001923%
680100	680100	153,203.47	0.007243%
680100	680108	334,876.85	0.015833%
680100	989608	119,439.64	0.005647%
680200	680200	86,559.03	0.004092%
680300	680300	3,219.96	0.000152%
680400	680400	13,609.83	0.000643%
680600	680600	1,999.92	0.000095%
680700	680708	39,239.38	0.001855%
680800	680800	618.80	0.000029%
680900	680900	2,831.50	0.000134%
680910	680910	595.68	0.000028%
680910	680918	45,637.06	0.002158%
681200	681200	4,617.47	0.000218%
681300	681300	1,532.16	0.000072%
681400	681400		0.000000%
681400	681408	1,836,683.66	0.086837%
681400	980488	377,498.02	0.017848%
681500	681500	2,021.93	0.000096%
681500	681508	861,026.13	0.040709%
681500	980298	225,246.18	0.010649%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
681600	681600	8,170.13	0.000386%
681700	681700	2,586.71	0.000122%
681800	681800	6,374.61	0.000301%
681900	681900	20,977.65	0.000992%
682000	682000	17,974.78	0.000850%
682100	682100	11,343.23	0.000536%
682300	682300	5,581.80	0.000264%
682700	682708	29,247.21	0.001383%
682800	682800	14,954.14	0.000707%
682900	682900	28,852.59	0.001364%
683000	683000	2,617.44	0.000124%
683100	683100		0.000000%
683100	683108	11,991.87	0.000567%
683200	683200	4,116.00	0.000195%
683300	683300	16,193.28	0.000766%
683500	683500	14,673.67	0.000694%
683600	683600	238.00	0.000011%
683700	683700	8,561.83	0.000405%
684100	684100	8,627.02	0.000408%
684200	684200	472.44	0.000022%
684300	684300	7,015.00	0.000332%
684400	684400	3,657.61	0.000173%
684500	684500	123,016.27	0.005816%
684600	684600	1,723.40	0.000081%
684700	684708	13,617.79	0.000644%
684800	684800	20,165.31	0.000953%
685000	685000	4,905.60	0.000232%
685400	685400	13,282.92	0.000628%
685500	685500	8,432.48	0.000399%
685600	685608	12,364.35	0.000585%
685700	685700	32,078.25	0.001517%
685800	685800	3,165.64	0.000150%
685900	685900	25,435.79	0.001203%
686000	686008	6,320,613.49	0.298833%
686400	686400	2,382,055.94	0.112621%
686700	686708	2,794,860.88	0.132139%
686800	686808		0.000000%
686800	686820	390,750.14	0.018474%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
687000	687008	1,888,686.55	0.089295%
687100	687108	959,874.42	0.045382%
687100	880088	21,281.71	0.001006%
687100	980088	178,307.19	0.008430%
687400	687400	11,342.81	0.000536%
687500	687508	430,662.94	0.020361%
687600	687600	2,126.59	0.000101%
687700	687700	1,162.00	0.000055%
687800	687808	2,457,678.38	0.116197%
687900	687900	1,911.21	0.000090%
688000	688000	1,619.24	0.000077%
688010	688018	716,728.08	0.033886%
688100	688100	3,360.00	0.000159%
688400	688400	41,528.42	0.001963%
688500	688500	7,153.47	0.000338%
688600	688600	276.01	0.000013%
688700	688700	847.35	0.000040%
688800	688800	46,942.62	0.002219%
688800	688808	374,680.83	0.017715%
688900	688908	153,815.02	0.007272%
689100	689108	408,452.71	0.019311%
689200	689208	43,465.87	0.002055%
689500	689508	1,801,096.68	0.085154%
689700	689700	1,425.84	0.000067%
689800	689800	380,483.69	0.017989%
689900	689908	281,189.17	0.013294%
690000	690000	24,843.17	0.001175%
690020	690020	86,085.52	0.004070%
690030	690030	20,615.27	0.000975%
690040	690048	81,202.29	0.003839%
690060	690060	3,537.26	0.000167%
690070	690078	162,666.36	0.007691%
690080	690080	32,455.93	0.001534%
690090	690090	3,991.23	0.000189%
690400	690408	8,123,475.58	0.384071%
690500	690508	2,146,493.22	0.101484%
690700	690708	1,516,014.43	0.071676%
690800	690808	102,204.38	0.004832%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
690900	690908	40,140.28	0.001898%
690910	690918	237,125.21	0.011211%
691010	691010	4,678.76	0.000221%
691100	691100	50,166.19	0.002372%
691110	691110	1,538.34	0.000073%
691130	691130	3,711.40	0.000175%
691140	691148	30,739.31	0.001453%
691150	691150	25,226.76	0.001193%
691160	691160	3,929.50	0.000186%
691180	691180	20,002.67	0.000946%
691180	691188	80,496.18	0.003806%
691190	691198	49,837.93	0.002356%
691200	691200	29,896.51	0.001413%
691220	691220	739.20	0.000035%
691230	691230	22,184.57	0.001049%
691240	691240	55,527.09	0.002625%
691250	691258	3,134.83	0.000148%
691260	691260	54,549.29	0.002579%
691270	691270	756.00	0.000036%
691280	691280	1,352.40	0.000064%
691290	691290	357.00	0.000017%
691300	691300	13,088.84	0.000619%
691320	691320	11,481.90	0.000543%
691340	691340	1,580.74	0.000075%
691350	691350	15,252.59	0.000721%
691360	691360	14,691.64	0.000695%
691370	691370	789.99	0.000037%
691390	691390	5,181.98	0.000245%
691400	691400	72,769.15	0.003440%
691410	691410	26,128.75	0.001235%
691420	691420	672.00	0.000032%
691430	691430	699.96	0.000033%
691440	691440	2,407.69	0.000114%
691460	691468	11,681.58	0.000552%
691470	691478	107,398.64	0.005078%
691480	691480	798.00	0.000038%
691490	691498	2,293.20	0.000108%
691500	691500	146,631.25	0.006933%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
691520	691520	5,845.42	0.000276%
691530	691530	13,066.42	0.000618%
691550	691550	48,129.72	0.002276%
691580	691580	19,750.81	0.000934%
691580	691588	183,559.59	0.008679%
691590	691590	1,780.80	0.000084%
691610	691610	197.40	0.000009%
691630	691630	698.14	0.000033%
691640	691648	69,830.48	0.003302%
691650	691650	352.80	0.000017%
691660	691660	1,568.88	0.000074%
691680	691680	1,058.40	0.000050%
691690	691690	882.00	0.000042%
691720	691720	754.56	0.000036%
691730	691738	1,165,237.85	0.055091%
691730	980128	105,381.62	0.004982%
691740	691740	5,022.50	0.000237%
691740	691748	164,874.95	0.007795%
691750	691758	117,588.58	0.005559%
691760	691760	58,506.51	0.002766%
691770	691770	1,777.85	0.000084%
691790	691790	6,247.52	0.000295%
691810	691810	769.94	0.000036%
691820	691820	131,302.89	0.006208%
691820	691828	(80,387.18)	-0.003801%
691830	691830	10,732.51	0.000507%
691840	691840	1,108.80	0.000052%
691870	691878		0.000000%
691890	691890	3,879.68	0.000183%
691900	691900	22,336.56	0.001056%
691910	691910	645.76	0.000031%
691930	691930	2,716.72	0.000128%
691940	691948	6,214,498.15	0.293816%
691940	980378	1,193,642.49	0.056434%
691950	691958	1,088,584.86	0.051467%
691960	691960	167,246.03	0.007907%
691970	691970	19,324.86	0.000914%
691980	691980	2,144.03	0.000101%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
691990	691990	276.36	0.000013%
692000	692000	22,217.43	0.001050%
692010	692010	2,685.43	0.000127%
692020	692028	50,702.70	0.002397%
692040	692040	9,755.40	0.000461%
692050	692050	3,090.08	0.000146%
692060	692068	99,283.14	0.004694%
692090	692090	20,141.77	0.000952%
692110	692118	1,189,557.74	0.056241%
692110	980528	341,474.16	0.016145%
692130	692130	308.00	0.000015%
692140	692148	133,528.53	0.006313%
692160	692160	24,610.44	0.001164%
692170	692170	4,199.30	0.000199%
692190	692198	3,577,175.43	0.169126%
692190	981198	210,512.06	0.009953%
692200	692208	43,294.88	0.002047%
692210	692210		0.000000%
692220	692220	58,532.44	0.002767%
692230	692230	9,777.56	0.000462%
692240	692240	5,839.44	0.000276%
692250	692250	(30,771.50)	-0.001455%
692250	692258	1,087,369.63	0.051410%
692260	692260	35,293.92	0.001669%
692270	692270	2,380.04	0.000113%
692280	692280	6,363.31	0.000301%
692290	692290	4,511.34	0.000213%
692310	692310	21,955.68	0.001038%
692330	692330	6,618.36	0.000313%
692330	692338		0.000000%
692340	692340	730.80	0.000035%
692360	692360	346.50	0.000016%
692370	692370	11,571.73	0.000547%
692380	692380	42,586.75	0.002013%
692410	692410	672.00	0.000032%
692420	692428	7,049.92	0.000333%
692430	692430	12,139.21	0.000574%
692440	692440	547.75	0.000026%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
692470	692470		0.000000%
692480	692480	49,627.06	0.002346%
692500	692500	40,668.25	0.001923%
692510	692510	45,208.47	0.002137%
692520	692528	689,899.87	0.032618%
692530	692538	2,019.25	0.000095%
692540	692540	336.00	0.000016%
692550	692550	1,008.00	0.000048%
692560	692568	75,548.20	0.003572%
692570	692578	14,907.09	0.000705%
692580	692580	1,141.56	0.000054%
692590	692598	91,157.85	0.004310%
692600	692600	114,623.30	0.005419%
692610	692610	21,480.33	0.001016%
692620	692628	10,745.36	0.000508%
692630	692630	525.00	0.000025%
692640	692640	1,140,954.61	0.053943%
692650	692658	122,536.09	0.005793%
692660	692668	51,559.04	0.002438%
692670	692678	213,339.69	0.010087%
692680	692680	0.04	0.000000%
692680	692688	293,423.37	0.013873%
692690	692690	31,700.81	0.001499%
692700	692708	6,580.00	0.000311%
692710	692710	4,092.02	0.000193%
692730	692730	6,366.25	0.000301%
692740	692748	539,057.24	0.025486%
692740	980728	121,442.49	0.005742%
692750	692750	168.00	0.000008%
692760	692760	2,079.00	0.000098%
692770	692778	117,619.76	0.005561%
692780	692780	309.95	0.000015%
692790	692790	336.00	0.000016%
692800	692808	239,078.06	0.011303%
692810	692810	420.00	0.000020%
692820	692828	9,630.93	0.000455%
692830	692838	32,832.97	0.001552%
692840	692840	2,398.61	0.000113%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
692850	692850	1,176.63	0.000056%
692860	692860	537.67	0.000025%
692870	692870	71,230.10	0.003368%
692880	692880	39,435.95	0.001864%
692890	692890	53,295.66	0.002520%
692910	692910	128,850.47	0.006092%
692910	692918	10,814.98	0.000511%
692920	692920	12,215.15	0.000578%
692930	692930	699.96	0.000033%
692940	692940	1,724.80	0.000082%
692960	692960	5,025.52	0.000238%
692970	692970	3,956.58	0.000187%
692980	692980	11,546.39	0.000546%
692990	692990	7,264.32	0.000343%
693010	693018	112,418.98	0.005315%
693020	693020	2,783.69	0.000132%
693030	693030	56.04	0.000003%
693040	693048	398,953.44	0.018862%
693050	693050	2,550.66	0.000121%
693060	693060	1,119.96	0.000053%
693070	693070	336.00	0.000016%
693080	693080	96,511.74	0.004563%
693090	693090	7,945.51	0.000376%
693100	693108	110,794.23	0.005238%
693110	693110	549.50	0.000026%
693120	693128	75,264.02	0.003558%
693130	693130	48,791.69	0.002307%
693140	693140	15,026.13	0.000710%
693150	693150	1,547.00	0.000073%
693160	693160	7,632.54	0.000361%
693170	693170	1,092.00	0.000052%
693200	693200	9,011.23	0.000426%
693230	693230	83,824.20	0.003963%
693250	693250	253,554.59	0.011988%
693260	693260	2,620.44	0.000124%
693280	693280	1,037.44	0.000049%
693300	693300	949.51	0.000045%
693310	693310	9,724.28	0.000460%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
693320	693320	1,680.00	0.000079%
693330	693330	1,516.72	0.000072%
693340	693340	560.00	0.000026%
693350	693350	2,165.46	0.000102%
693370	693378	92,967.10	0.004395%
693370	981048	9,325.42	0.000441%
693380	693388	431,325.52	0.020393%
693390	693390	1,512.00	0.000071%
693400	693408	182,854.97	0.008645%
693410	693418	61,074.48	0.002888%
693420	693420	5,700.15	0.000269%
693430	693430	1,605.25	0.000076%
693450	693450	218.40	0.000010%
693470	693470	83,402.38	0.003943%
693480	693480	4,515.65	0.000213%
693490	693490	2,730.00	0.000129%
693500	693500	22,116.12	0.001046%
693500	980980	20,812.11	0.000984%
693520	693520	9,628.41	0.000455%
693530	693530	14.00	0.000001%
693530	693538	187,356.78	0.008858%
693540	693540	1,849.16	0.000087%
693550	693558	32,745.28	0.001548%
693570	693578	88,799.99	0.004198%
693590	693598	194,828.55	0.009211%
693620	693620	1,744.07	0.000082%
693630	693638	672,109.34	0.031777%
693640	693640	106,587.83	0.005039%
693650	693658	630.00	0.000030%
693660	693660	742.67	0.000035%
693670	693670	18,142.62	0.000858%
693680	693680	7,487.60	0.000354%
693710	693710	560.00	0.000026%
693720	693720	563.50	0.000027%
693730	693730	1,834.00	0.000087%
693750	693750	1,301.04	0.000062%
693760	693760	1,008.00	0.000048%
693770	693770	13,805.04	0.000653%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
693770	693778	13,805.04	0.000653%
693780	693780	727.56	0.000034%
693790	693790	1,008.00	0.000048%
693810	693810	27,036.21	0.001278%
693820	693828	122,561.34	0.005795%
693850	693850	112.56	0.000005%
693860	693860	244,503.89	0.011560%
693870	693870	840.00	0.000040%
693880	693888	9,191.00	0.000435%
693890	693890	4,866.89	0.000230%
693910	693910	2,415.07	0.000114%
693920	693920	549.50	0.000026%
694010	694018	3,233.40	0.000153%
694210	694210	47,738.03	0.002257%
694310	694318	19,354.80	0.000915%
694410	694410	1,899.33	0.000090%
694430	694430	699.96	0.000033%
694500	694500	3,639.14	0.000172%
694600	694600	93,134.46	0.004403%
694600	694608	2,641,786.01	0.124901%
695100	695100	420.00	0.000020%
695400	695400	400.40	0.000019%
695500	695500	5,318.04	0.000251%
695600	695608	1,543,722.78	0.072986%
695800	695808	304,609.77	0.014402%
695820	695828	69,161.84	0.003270%
695900	695900	1,472.73	0.000070%
696000	696000	9,026.57	0.000427%
696100	696100	8,019.99	0.000379%
696100	696108	879.60	0.000042%
696200	696200	64,640.83	0.003056%
696500	696500	552.96	0.000026%
696600	696600	91,091.47	0.004307%
696700	696708	8,081,443.13	0.382083%
697100	697100	68,105.09	0.003220%
697200	697200	2,288.37	0.000108%
697300	697300	180,478.58	0.008533%
697500	697500	852,004.66	0.040282%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
697600	697608	11,032,087.01	0.521587%
697700	697708	1,433,025.72	0.067752%
698000	698008	3,513,881.08	0.166133%
698000	988018	15,524.14	0.000734%
698210	698218	95,889.56	0.004534%
698310	698310	2,520.04	0.000119%
698500	698500	3,918.22	0.000185%
698600	698600	14,272.39	0.000675%
698700	698700	7,825.11	0.000370%
698800	698800	383,470.56	0.018130%
698900	698900	3,046.73	0.000144%
699000	699000	644.14	0.000030%
699100	699100	5,504.44	0.000260%
699200	699208	331,800.67	0.015687%
699300	699300	2,580.72	0.000122%
699500	699500	672.00	0.000032%
699600	699600	9,550.72	0.000452%
699700	699700	4,892.24	0.000231%
699900	699900	195,212.76	0.009229%
700100	700100	8,081.90	0.000382%
700200	700200	8,396.03	0.000397%
700300	700300	7,356.59	0.000348%
700400	700400	5,896.68	0.000279%
700500	700500	8,439.91	0.000399%
700600	700600	6,926.79	0.000327%
700700	700700	5,313.24	0.000251%
700800	700800	11,839.32	0.000560%
700900	700900	12,810.65	0.000606%
701000	701000	8,937.07	0.000423%
701100	701100	6,352.44	0.000300%
701200	701200	12,345.30	0.000584%
701300	701300	12,066.83	0.000571%
701400	701400	8,774.30	0.000415%
701500	701500	6,707.81	0.000317%
701600	701600	11,367.83	0.000537%
701700	701708	45,605.18	0.002156%
701800	701800	13,064.02	0.000618%
701900	701908	40,525.63	0.001916%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
702000	702000	13,070.14	0.000618%
702100	702100	16,833.44	0.000796%
702200	702200	14,371.34	0.000679%
702400	702400	42,142.47	0.001992%
702500	702500	15,871.52	0.000750%
702600	702608	127,823.46	0.006043%
702600	989308	140,197.00	0.006628%
702700	702700	14,024.08	0.000663%
702800	702800	13,316.24	0.000630%
702900	702900	14,333.42	0.000678%
703000	703000	18,686.44	0.000883%
703100	703100	16,800.60	0.000794%
703200	703200	13,699.13	0.000648%
703300	703300	6,688.42	0.000316%
703400	703400	11,331.86	0.000536%
703500	703500	12,869.81	0.000608%
703600	703600	13,848.86	0.000655%
703700	703700	19,743.99	0.000933%
703800	703800	15,433.50	0.000730%
703900	703900	14,131.69	0.000668%
704000	704000	11,173.22	0.000528%
704100	704100	16,475.24	0.000779%
704200	704200	11,592.48	0.000548%
704300	704300	19,184.73	0.000907%
704400	704400	21,490.61	0.001016%
704500	704500	71,228.35	0.003368%
704600	704600	25,280.56	0.001195%
704700	704700	10,424.30	0.000493%
704800	704800	7,815.24	0.000369%
705000	705000	4,125.74	0.000195%
705100	705100	8,062.68	0.000381%
705200	705200	29,529.21	0.001396%
705300	705300	25,460.38	0.001204%
705400	705400	15,471.85	0.000731%
705500	705500	16,055.85	0.000759%
705600	705600	19,822.90	0.000937%
705700	705700	15,385.57	0.000727%
705800	705800	17,594.26	0.000832%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
705900	705900	10,322.67	0.000488%
706000	706000	13,471.86	0.000637%
706100	706100	13,772.25	0.000651%
706200	706200	11,403.78	0.000539%
706300	706300	18,698.38	0.000884%
706400	706400	4,983.10	0.000236%
706500	706500	15,171.13	0.000717%
706600	706600	91,470.35	0.004325%
706700	706700	16,777.39	0.000793%
706800	706800	17,019.81	0.000805%
706900	706900	4,028.91	0.000190%
707000	707000	13,120.51	0.000620%
707100	707108	18,240.86	0.000862%
707200	707200	23,056.33	0.001090%
707300	707300	15,742.29	0.000744%
707400	707400	27,503.41	0.001300%
707500	707500	10,700.29	0.000506%
707600	707600	21,810.52	0.001031%
707700	707700	17,340.37	0.000820%
707800	707800	14,853.74	0.000702%
707900	707900	19,067.23	0.000901%
708000	708000	20,744.30	0.000981%
708100	708100	20,568.96	0.000972%
708200	708200	18,618.47	0.000880%
708300	708300	19,507.02	0.000922%
708400	708400	22,124.40	0.001046%
708500	708500	40,688.63	0.001924%
708600	708600	6,484.68	0.000307%
708700	708708	12,779.03	0.000604%
708800	708800	8,297.88	0.000392%
708900	708900	6,352.47	0.000300%
709000	709000	8,381.86	0.000396%
709100	709100	8,070.28	0.000382%
709200	709208	8,045.11	0.000380%
709300	709300	8,260.93	0.000391%
709400	709400	7,235.77	0.000342%
709500	709500	11,717.55	0.000554%
709600	709600	6,671.56	0.000315%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
709700	709700	6,636.12	0.000314%
709800	709800	7,772.88	0.000367%
709900	709900	7,383.96	0.000349%
710000	710000	21,753.47	0.001028%
710100	710100	15,194.22	0.000718%
710200	710200	16,847.66	0.000797%
710300	710300	17,433.01	0.000824%
710400	710408	26,289.01	0.001243%
710500	710500	22,246.38	0.001052%
710600	710600	24,042.43	0.001137%
710700	710700	52,720.99	0.002493%
710800	710800	19,527.42	0.000923%
710900	710900	16,428.22	0.000777%
711000	711000	21,833.59	0.001032%
711100	711100	18,694.67	0.000884%
711200	711200	15,941.76	0.000754%
711300	711300	16,911.50	0.000800%
711400	711400	17,629.79	0.000834%
711500	711500	13,501.36	0.000638%
711600	711600	5,896.68	0.000279%
711700	711700	7,471.80	0.000353%
711800	711800	6,897.07	0.000326%
711900	711900	6,352.44	0.000300%
712000	712000	8,831.86	0.000418%
712100	712100	9,135.92	0.000432%
712200	712200	4,962.92	0.000235%
712300	712300	6,352.44	0.000300%
712400	712400	7,991.84	0.000378%
712500	712500	13,425.86	0.000635%
712600	712600	8,323.71	0.000394%
712700	712700	8,297.88	0.000392%
712800	712800	6,352.47	0.000300%
712900	712900	8,297.86	0.000392%
713000	713000	7,840.98	0.000371%
713100	713100	6,249.47	0.000295%
713200	713208	167,315.70	0.007911%
713200	986608	251,677.29	0.011899%
713300	713308	59,148.13	0.002796%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
713400	713408	7,383.96	0.000349%
713500	713508	235,541.27	0.011136%
713600	713600	94,981.06	0.004491%
713700	713700	30,642.14	0.001449%
713800	713800	33,054.80	0.001563%
713900	713900	40,614.51	0.001920%
713900	984900	15,149.71	0.000716%
714000	714000	23,196.60	0.001097%
714100	714100	143,401.51	0.006780%
714200	714200	85,758.20	0.004055%
714300	714308	849,513.26	0.040164%
714300	983408	1,277,462.84	0.060397%
714400	714400	31,747.18	0.001501%
714500	714500	13,821.79	0.000653%
714600	714600	18,732.56	0.000886%
714700	714700	20,992.78	0.000993%
714800	714808	9,330.84	0.000441%
714900	714900	12,477.79	0.000590%
715000	715000	14,907.08	0.000705%
715100	715100	9,160.98	0.000433%
715200	715200	11,220.37	0.000530%
715300	715300	17,519.84	0.000828%
715400	715400	11,902.66	0.000563%
715500	715500	13,261.64	0.000627%
715600	715600	16,088.69	0.000761%
715700	715700	16,110.04	0.000762%
715800	715800	17,533.30	0.000829%
715900	715900	6,716.40	0.000318%
716000	716000	7,587.03	0.000359%
716100	716100	15,613.58	0.000738%
716200	716200	6,232.68	0.000295%
716300	716300	8,050.15	0.000381%
716400	716400	12,272.99	0.000580%
716500	716500	11,990.48	0.000567%
716600	716600	11,170.90	0.000528%
716700	716700	15,685.30	0.000742%
716800	716800	13,520.04	0.000639%
716900	716900	12,864.05	0.000608%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
717000	717000	16,902.89	0.000799%
717100	717100	41,031.14	0.001940%
717200	717200	30,131.92	0.001425%
717200	989500	19,057.15	0.000901%
717300	717300	39,351.35	0.001860%
717400	717400	33,970.92	0.001606%
717500	717500	22,797.71	0.001078%
717600	717600	87,028.93	0.004115%
717700	717700	63,174.01	0.002987%
717800	717800	22,910.32	0.001083%
717900	717900	14,631.37	0.000692%
718000	718000	58,641.23	0.002773%
718100	718100	75,009.80	0.003546%
718200	718200	20,564.73	0.000972%
718300	718308	59,541.38	0.002815%
718300	984108	185,354.17	0.008763%
718400	718400	24,796.04	0.001172%
718500	718508	339,145.37	0.016034%
718500	985508	673,133.58	0.031825%
718600	718600	23,276.97	0.001101%
718700	718700	17,516.46	0.000828%
718800	718800	139,912.01	0.006615%
718800	980410	199,528.31	0.009434%
718900	718900	15,497.05	0.000733%
718900	718908	12,705.27	0.000601%
719000	719000	34,501.45	0.001631%
719100	719108	469,034.94	0.022176%
719100	986708	863,270.03	0.040815%
719200	719200	33,911.19	0.001603%
719300	719308	19,448.28	0.000919%
719400	719400	31,723.62	0.001500%
719500	719500	10,970.90	0.000519%
719600	719600	24,117.18	0.001140%
719700	719700	12,745.69	0.000603%
719800	719800	7,383.96	0.000349%
719900	719900	7,844.85	0.000371%
720000	720000	12,884.19	0.000609%
720100	720100	13,853.36	0.000655%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
720200	720200	12,138.69	0.000574%
720300	720300	15,514.71	0.000734%
720400	720400	7,284.84	0.000344%
720500	720500	6,352.47	0.000300%
720600	720600	7,363.89	0.000348%
720700	720700	6,896.62	0.000326%
720800	720800	29,270.02	0.001384%
720900	720900	26,358.06	0.001246%
721000	721000	16,557.93	0.000783%
721100	721100	38,925.47	0.001840%
721200	721200	16,713.57	0.000790%
721300	721300	26,592.65	0.001257%
721400	721400	22,028.25	0.001041%
721500	721500	35,549.88	0.001681%
721500	980000	49,705.66	0.002350%
721600	721600	21,256.02	0.001005%
721700	721700	22,312.88	0.001055%
721800	721800	41,770.75	0.001975%
721800	983900	37,769.52	0.001786%
721900	721900	39,954.16	0.001889%
721900	982500	115,983.08	0.005484%
722000	722000	22,820.32	0.001079%
722100	722100	33,997.25	0.001607%
722200	722200	14,194.98	0.000671%
722300	722300	12,019.17	0.000568%
722500	722500	21,895.49	0.001035%
722600	722600	20,007.48	0.000946%
722700	722700	6,358.20	0.000301%
722800	722800	9,260.04	0.000438%
722900	722900	9,968.20	0.000471%
723000	723000	7,975.95	0.000377%
723100	723100	6,888.44	0.000326%
723200	723200	18,830.90	0.000890%
723300	723300	9,527.23	0.000450%
723400	723400	6,740.06	0.000319%
723500	723500	6,352.44	0.000300%
723600	723600	16,430.96	0.000777%
723700	723700	6,932.85	0.000328%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
723800	723800	8,179.54	0.000387%
723900	723900	8,456.58	0.000400%
724000	724000	7,925.84	0.000375%
724100	724100	9,186.99	0.000434%
724200	724200	8,154.60	0.000386%
724300	724300	8,875.61	0.000420%
724400	724400	4,586.28	0.000217%
724500	724500	14,988.95	0.000709%
724600	724600	5,756.88	0.000272%
724700	724700	5,896.68	0.000279%
724800	724800	7,327.20	0.000346%
724900	724900	6,352.46	0.000300%
725000	725000	10,411.06	0.000492%
725100	725100	7,018.07	0.000332%
725200	725200	5,896.67	0.000279%
725300	725300	6,881.81	0.000325%
725400	725400	7,416.36	0.000351%
725500	725500	6,334.54	0.000299%
725600	725600	7,556.84	0.000357%
725700	725700	5,796.12	0.000274%
725800	725800	6,202.97	0.000293%
725900	725900	11,279.87	0.000533%
726000	726000	5,896.68	0.000279%
726100	726100	4,923.00	0.000233%
726200	726200	5,239.28	0.000248%
726300	726300	5,823.88	0.000275%
726400	726400	9,857.54	0.000466%
727400	727400	2,404.99	0.000114%
729800	729800	122,460.18	0.005790%
729800	983300	212,621.31	0.010053%
731800	731800	6,019.89	0.000285%
731900	731900	5,896.68	0.000279%
732000	732000	6,146.95	0.000291%
732100	732100	6,360.12	0.000301%
732200	732200	7,383.96	0.000349%
732300	732300	91,400.80	0.004321%
732400	732400	9,270.78	0.000438%
732500	732500	5,896.68	0.000279%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
732600	732600	9,480.55	0.000448%
732700	732700	5,896.68	0.000279%
732800	732800	9,133.25	0.000432%
732900	732900	8,642.28	0.000409%
733000	733000	6,352.44	0.000300%
733100	733100	8,279.96	0.000391%
733200	733200	12,357.59	0.000584%
733300	733300	15,507.89	0.000733%
733400	733400	6,352.47	0.000300%
733500	733500	4,359.61	0.000206%
733600	733600	7,383.96	0.000349%
733700	733700	4,922.88	0.000233%
733800	733800	8,287.23	0.000392%
733900	733900	10,338.26	0.000489%
734000	734000	12,366.57	0.000585%
734100	734100	15,222.85	0.000720%
734200	734200	8,198.88	0.000388%
734300	734300	10,579.11	0.000500%
734400	734400	8,147.58	0.000385%
734500	734500	12,493.92	0.000591%
734600	734600	12,729.90	0.000602%
734700	734700	29,131.30	0.001377%
734800	734800	15,685.62	0.000742%
734900	734900	13,153.63	0.000622%
735000	735000	46,974.49	0.002221%
735100	735108	48,982.99	0.002316%
735200	735200	15,588.82	0.000737%
735300	735300	48,863.80	0.002310%
735400	735400	20,987.53	0.000992%
735500	735508	214,653.19	0.010149%
735500	988008	371,305.99	0.017555%
735600	735600	38,430.73	0.001817%
735700	735700	15,190.48	0.000718%
735800	735800		0.000000%
735800	735808	143,280.36	0.006774%
735900	735900	7,409.69	0.000350%
736000	736000	199,007.36	0.009409%
736100	736100	16,213.52	0.000767%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
736200	736200	14,371.44	0.000679%
736300	736300	17,799.33	0.000842%
736400	736400	17,667.10	0.000835%
736500	736500	6,107.80	0.000289%
736600	736600	17,106.05	0.000809%
736700	736700	10,243.56	0.000484%
736800	736800	25,679.38	0.001214%
736900	736900	18,573.38	0.000878%
737000	737000	15,167.02	0.000717%
737100	737100	52,769.00	0.002495%
737300	737300	35,944.80	0.001699%
737400	737400	25,268.76	0.001195%
737400	737408	4,269.19	0.000202%
737500	737500	13,736.08	0.000649%
737600	737600	127,932.56	0.006049%
737600	983800	236,986.12	0.011204%
737800	737800	41,716.37	0.001972%
737900	737900	9,809.88	0.000464%
738000	738000	19,555.01	0.000925%
738100	738108	43,151.57	0.002040%
738200	738200	23,963.01	0.001133%
738300	738300	16,353.52	0.000773%
738300	738308	13,896.41	0.000657%
738400	738400	21,608.80	0.001022%
738600	738600	23,356.28	0.001104%
738700	738700	11,535.86	0.000545%
738800	738800	21,747.80	0.001028%
738900	738900	14,465.95	0.000684%
739000	739000	20,827.76	0.000985%
739100	739108	188,764.31	0.008925%
739200	739200	18,142.52	0.000858%
739300	739300	8,092.27	0.000383%
739400	739400	8,180.52	0.000387%
739500	739500	15,009.82	0.000710%
739600	739600	91,185.72	0.004311%
739700	739700	8,832.47	0.000418%
739800	739800	6,872.62	0.000325%
739900	739900	7,681.32	0.000363%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
740000	740000	8,128.61	0.000384%
740100	740100	19,374.81	0.000916%
740300	740300	9,671.70	0.000457%
740500	740500	125,980.26	0.005956%
740500	980400	171,190.02	0.008094%
740600	740600	13,425.54	0.000635%
740700	740700	93,605.28	0.004426%
740700	984508	147,144.11	0.006957%
740800	740800	32,607.29	0.001542%
740800	740808	50,657.53	0.002395%
740800	980500	72,945.96	0.003449%
740800	980508	90,555.89	0.004281%
741000	741000	33,415.25	0.001580%
741100	741108	99,290.10	0.004694%
741200	741208	154,226.86	0.007292%
741300	741300	13,872.72	0.000656%
741300	741308	95,951.36	0.004536%
741300	987008	216,204.89	0.010222%
741500	741500	55,842.01	0.002640%
741500	741508	188,375.02	0.008906%
741500	986908	56,100.13	0.002652%
741600	741600	70,044.09	0.003312%
741700	741708	106,174.91	0.005020%
741700	980608	165,651.15	0.007832%
741800	741808	94,261.49	0.004457%
741900	741900	11,091.00	0.000524%
741900	741908	23,506.21	0.001111%
742000	742000	122,305.90	0.005783%
742000	742008	147,698.77	0.006983%
742100	742108	66,352.83	0.003137%
742100	980708	81,867.16	0.003871%
742200	742200	13,743.44	0.000650%
742200	742208	19,724.97	0.000933%
742400	742400	135,149.01	0.006390%
742500	742500	27,918.41	0.001320%
742600	742600	11,181.48	0.000529%
742700	742700	8,360.88	0.000395%
742700	742708	14,452.64	0.000683%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
742800	742800	9,828.23	0.000465%
742900	742900	11,560.44	0.000547%
743000	743000	10,643.02	0.000503%
743100	743100	22,292.19	0.001054%
743200	743200	14,656.99	0.000693%
743300	743300	12,161.52	0.000575%
743400	743400	12,603.74	0.000596%
743500	743500	23,672.15	0.001119%
743600	743600	20,019.29	0.000946%
743700	743700	11,319.58	0.000535%
743800	743800	13,062.99	0.000618%
743900	743900	5,793.98	0.000274%
744000	744000	7,779.35	0.000368%
744100	744100	14,776.38	0.000699%
744200	744200	7,732.99	0.000366%
744300	744300	3,182.31	0.000150%
744400	744400	5,897.26	0.000279%
744500	744500	5,896.68	0.000279%
744600	744600	3,876.92	0.000183%
744700	744700	5,896.68	0.000279%
744800	744800	7,032.84	0.000333%
744900	744900	8,532.96	0.000403%
745000	745000	11,876.56	0.000562%
745100	745100	4,351.20	0.000206%
745200	745200	68,696.71	0.003248%
745300	745300	308,302.84	0.014576%
745300	982400	250,464.94	0.011842%
745400	745400	25,696.03	0.001215%
745500	745508	49,246.03	0.002328%
745600	745600	5,379.57	0.000254%
745600	745608	134,980.83	0.006382%
745600	985900	156,520.63	0.007400%
745700	745700	21,550.39	0.001019%
745800	745808	41,865.63	0.001979%
745900	745900	22,343.16	0.001056%
746000	746000	18,861.21	0.000892%
746100	746100	12,335.28	0.000583%
746200	746208	66,841.64	0.003160%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
746300	746300	47,443.32	0.002243%
746400	746400	19,916.47	0.000942%
746500	746500	154,001.27	0.007281%
746500	980800	125,707.33	0.005943%
746600	746600	24,732.84	0.001169%
746700	746700	10,522.73	0.000498%
746800	746800	66,113.97	0.003126%
746900	746908	179,543.13	0.008489%
747000	747000	15,467.22	0.000731%
747100	747100	20,419.62	0.000965%
747200	747200	14,504.68	0.000686%
747300	747300	15,843.26	0.000749%
747400	747400	14,517.67	0.000686%
747500	747500	10,877.62	0.000514%
747600	747600	21,809.38	0.001031%
747700	747708	27,588.39	0.001304%
747800	747808	129,039.93	0.006101%
747800	988908	190,664.49	0.009014%
747900	747900	44,459.81	0.002102%
748000	748000	14,103.78	0.000667%
748100	748100	23,618.68	0.001117%
748200	748200	12,458.79	0.000589%
748300	748300	23,358.11	0.001104%
748400	748400	8,100.43	0.000383%
748500	748500	6,873.53	0.000325%
748600	748600	8,212.72	0.000388%
748700	748700	14,715.69	0.000696%
748800	748800	9,904.81	0.000468%
748900	748900	7,383.96	0.000349%
749000	749000	9,251.37	0.000437%
749100	749100	12,920.26	0.000611%
749200	749200	18,490.16	0.000874%
749300	749300	7,890.34	0.000373%
749400	749400	14,808.00	0.000700%
749500	749500	9,032.12	0.000427%
749600	749600	18,346.37	0.000867%
749700	749700	9,417.95	0.000445%
749800	749800	10,134.44	0.000479%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
749900	749908	306,410.45	0.014487%
749900	981088	5,870.15	0.000278%
750000	750008	394,266.30	0.018641%
750000	980908	792,989.91	0.037492%
750100	750108	76,352.27	0.003610%
750200	750200	22,948.87	0.001085%
750300	750308	251,314.46	0.011882%
750300	981008	493,878.30	0.023350%
750400	750408	396,027.66	0.018724%
750400	981108	621,528.60	0.029385%
750500	750508	17,602.56	0.000832%
750700	750708	115,150.19	0.005444%
751000	751008	320,675.18	0.015161%
751000	980108	765,387.33	0.036187%
751100	751100	210,481.48	0.009951%
751200	751208	127,250.93	0.006016%
751300	751300	32,379.73	0.001531%
751400	751400	16,550.50	0.000782%
751500	751500	12,484.44	0.000590%
751600	751600	8,235.64	0.000389%
751700	751708	6,908.16	0.000327%
751800	751800	7,192.44	0.000340%
751900	751900	6,831.00	0.000323%
752000	752000	7,562.13	0.000358%
752200	752200	8,886.30	0.000420%
752300	752300	23,452.61	0.001109%
752400	752400	5,866.24	0.000277%
752500	752500	11,901.48	0.000563%
752600	752600	7,038.75	0.000333%
752700	752700	7,833.36	0.000370%
752800	752800	9,258.38	0.000438%
752900	752900	8,131.56	0.000384%
753000	753000	7,427.66	0.000351%
753100	753100	9,354.52	0.000442%
753200	753200	9,818.78	0.000464%
753300	753300	8,853.96	0.000419%
753400	753400	8,778.90	0.000415%
753500	753500	6,688.44	0.000316%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
753600	753600	7,383.96	0.000349%
753700	753700	9,712.48	0.000459%
753800	753800	12,199.19	0.000577%
753900	753900	14,529.69	0.000687%
754000	754000	7,714.24	0.000365%
754100	754100	9,968.76	0.000471%
754200	754200	9,282.80	0.000439%
754300	754300	8,459.02	0.000400%
754400	754400	8,609.41	0.000407%
754500	754500	4,599.84	0.000217%
754600	754600	9,486.06	0.000448%
754700	754700	10,053.26	0.000475%
754800	754800	15,002.75	0.000709%
754900	754900	12,829.07	0.000607%
755000	755000	7,383.96	0.000349%
755100	755100	10,812.26	0.000511%
755200	755200	12,546.59	0.000593%
755300	755300	11,127.43	0.000526%
755400	755400	12,505.52	0.000591%
755500	755500	12,783.48	0.000604%
755600	755600	19,177.22	0.000907%
755700	755700	10,005.88	0.000473%
755800	755800	14,269.27	0.000675%
755900	755900	11,421.80	0.000540%
756000	756000	9,068.65	0.000429%
756100	756100	8,086.79	0.000382%
756200	756200	7,642.19	0.000361%
756300	756300	10,838.27	0.000512%
756400	756400	9,182.04	0.000434%
756500	756500	7,669.34	0.000363%
756600	756600	9,874.54	0.000467%
756700	756700	11,120.52	0.000526%
756800	756800	13,200.36	0.000624%
756900	756900	9,506.61	0.000449%
757000	757000	8,355.98	0.000395%
757100	757100	11,569.82	0.000547%
757200	757200	8,511.72	0.000402%
757300	757300	13,519.99	0.000639%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
757400	757400	10,612.11	0.000502%
757500	757500	6,132.25	0.000290%
757600	757600	4,962.88	0.000235%
757700	757700	6,138.37	0.000290%
757800	757800	6,352.47	0.000300%
757900	757900	7,024.44	0.000332%
758000	758000	5,896.69	0.000279%
758100	758100	5,092.50	0.000241%
758200	758200	10,750.54	0.000508%
758300	758300	7,626.76	0.000361%
758400	758400	6,352.47	0.000300%
758500	758500	7,000.92	0.000331%
758600	758600	10,957.04	0.000518%
758700	758700	7,383.96	0.000349%
758800	758800	5,896.67	0.000279%
758900	758900	5,896.68	0.000279%
759000	759000	7,383.96	0.000349%
759100	759100	6,352.44	0.000300%
759200	759200	16,275.42	0.000769%
759300	759300	28,497.44	0.001347%
759400	759400	15,041.40	0.000711%
759500	759500	19,676.15	0.000930%
759600	759600	18,784.64	0.000888%
759700	759700	19,026.47	0.000900%
759800	759800	12,902.82	0.000610%
759900	759900	13,633.56	0.000645%
760000	760000	13,110.02	0.000620%
760100	760100	10,119.32	0.000478%
760200	760200	15,292.14	0.000723%
760300	760300	21,320.72	0.001008%
760400	760400	19,044.30	0.000900%
760500	760500	20,465.88	0.000968%
760600	760600	16,118.36	0.000762%
760700	760700	10,337.22	0.000489%
760800	760800	13,674.68	0.000647%
760900	760900	16,054.81	0.000759%
761000	761000	19,240.62	0.000910%
761100	761100	9,922.00	0.000469%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
761200	761200	11,650.55	0.000551%
761300	761300	17,493.05	0.000827%
761400	761400	18,427.35	0.000871%
761500	761500	21,735.34	0.001028%
761600	761600	17,171.91	0.000812%
761800	761800	7,046.91	0.000333%
761900	761900	7,493.10	0.000354%
762000	762000	7,537.92	0.000356%
762100	762100	5,796.12	0.000274%
762200	762200	7,608.80	0.000360%
762300	762300	5,802.96	0.000274%
762400	762400	7,635.99	0.000361%
762500	762500	11,175.31	0.000528%
762600	762600	10,709.85	0.000506%
762700	762700	6,788.13	0.000321%
762800	762800	7,885.02	0.000373%
762900	762900	7,830.21	0.000370%
763000	763000	7,383.96	0.000349%
763100	763100	6,352.44	0.000300%
763200	763200	13,570.18	0.000642%
763300	763300	4,717.92	0.000223%
763400	763400	6,227.32	0.000294%
763500	763500	9,507.45	0.000450%
763600	763600	13,605.42	0.000643%
763700	763700	10,849.42	0.000513%
763800	763800	8,090.41	0.000383%
763900	763900	11,557.06	0.000546%
764000	764000	6,278.88	0.000297%
764100	764100	8,706.45	0.000412%
764200	764200	11,468.60	0.000542%
764300	764300	17,392.24	0.000822%
764400	764400	14,207.39	0.000672%
764500	764500	11,504.37	0.000544%
764600	764600	16,589.53	0.000784%
764700	764700	14,655.47	0.000693%
764800	764800	4,595.07	0.000217%
765000	765000	11,559.09	0.000547%
765100	765100	35,012.09	0.001655%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
765100	959230	10,691.46	0.000505%
765200	765200	27,533.33	0.001302%
765300	765300	17,311.87	0.000818%
765400	765400	12,068.21	0.000571%
765500	765500	10,087.92	0.000477%
765600	765600	17,862.82	0.000845%
765700	765708	57,372.41	0.002713%
765700	987708	46,920.37	0.002218%
765800	765800	14,851.93	0.000702%
765900	765900	20,590.95	0.000974%
766000	766000	14,365.95	0.000679%
766100	766100	16,035.91	0.000758%
766200	766200	17,017.13	0.000805%
766300	766300	40,231.72	0.001902%
766300	980910	24,392.32	0.001153%
766400	766400	8,845.71	0.000418%
766500	766500	13,829.74	0.000654%
766600	766600	2,293.20	0.000108%
766700	766700	9,155.79	0.000433%
766800	766800	15,501.70	0.000733%
766900	766908	13,401.53	0.000634%
767000	767000	7,506.96	0.000355%
767100	767100	21,600.66	0.001021%
767200	767200	21,397.45	0.001012%
767300	767300	12,047.49	0.000570%
767400	767400	11,270.19	0.000533%
767500	767500	15,209.50	0.000719%
767600	767600	9,020.88	0.000426%
767700	767700	18,291.91	0.000865%
767800	767800	11,215.21	0.000530%
767900	767900	18,264.35	0.000864%
768000	768000	8,088.22	0.000382%
768100	768100	14,086.41	0.000666%
768200	768200	11,516.89	0.000545%
768300	768300	16,685.11	0.000789%
768400	768400	13,288.99	0.000628%
768500	768500	8,687.08	0.000411%
768600	768608	230,349.05	0.010891%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
768800	768800	42,695.20	0.002019%
768900	768900	183,243.50	0.008664%
768900	986500	233,821.56	0.011055%
769100	769100	45,104.10	0.002132%
769100	769108	71,565.82	0.003384%
769200	769208	94,698.08	0.004477%
769400	769400	6,445.83	0.000305%
769500	769500	5,794.31	0.000274%
769600	769600	9,735.08	0.000460%
769700	769700	13,281.91	0.000628%
769800	769800	6,640.32	0.000314%
769900	769900	7,617.42	0.000360%
770000	770000	6,368.78	0.000301%
770100	770100	8,498.78	0.000402%
770200	770200	9,933.08	0.000470%
770200	770208	5,714.88	0.000270%
770300	770300	5,896.68	0.000279%
770400	770400	13,470.87	0.000637%
770500	770500	7,698.55	0.000364%
770600	770600	7,408.68	0.000350%
770700	770700	8,217.06	0.000388%
770800	770800	14,503.66	0.000686%
770900	770900	11,120.08	0.000526%
771000	771008	9,272.21	0.000438%
771100	771100	20,064.12	0.000949%
771200	771200	52,015.71	0.002459%
771300	771300	8,222.84	0.000389%
771400	771400	15,025.02	0.000710%
771500	771508	54,672.18	0.002585%
771600	771600	16,907.66	0.000799%
771700	771700	33,172.40	0.001568%
771800	771800	19,949.79	0.000943%
771900	771900	13,504.07	0.000638%
772000	772000	23,788.63	0.001125%
772100	772100	7,202.39	0.000341%
772200	772200	22,173.99	0.001048%
772400	772400	17,160.04	0.000811%
772500	772500	18,031.91	0.000853%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
772600	772600	16,939.44	0.000801%
772700	772700	21,503.22	0.001017%
772800	772800	22,053.06	0.001043%
772900	772900	29,792.21	0.001409%
773000	773000	12,162.87	0.000575%
773100	773100	20,467.32	0.000968%
773200	773200	33,001.33	0.001560%
773200	988700	5,224.62	0.000247%
773300	773300	11,331.48	0.000536%
773400	773400	7,383.96	0.000349%
773500	773500	7,183.56	0.000340%
773600	773600	8,276.67	0.000391%
773700	773700	9,953.81	0.000471%
773800	773800	10,256.88	0.000485%
773900	773900	9,776.70	0.000462%
774000	774000	12,460.31	0.000589%
774100	774100	7,635.96	0.000361%
774200	774200	8,617.30	0.000407%
774200	774208	1,276.80	0.000060%
774300	774300	20,664.63	0.000977%
774400	774400	5,540.38	0.000262%
774500	774500	14,266.28	0.000674%
774600	774600	14,531.56	0.000687%
774700	774700	17,923.38	0.000847%
774800	774800	5,881.46	0.000278%
774900	774900	22,981.09	0.001087%
774900	959500	7,277.87	0.000344%
775000	775000	10,494.11	0.000496%
775100	775108	32,446.47	0.001534%
775500	775500	15,803.54	0.000747%
775700	775700	17,986.38	0.000850%
775800	775800	16,957.00	0.000802%
775900	775908	33,003.91	0.001560%
776000	776000	61,571.85	0.002911%
776100	776100	36,170.09	0.001710%
776200	776200	24,329.37	0.001150%
776300	776300	27,903.80	0.001319%
776400	776400	15,774.30	0.000746%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
776500	776508	17,933.66	0.000848%
776600	776600	52,885.42	0.002500%
776600	776608	16,575.77	0.000784%
776700	776700	12,901.09	0.000610%
776800	776800	15,804.42	0.000747%
777000	777000	8,987.77	0.000425%
777100	777100	37,197.32	0.001759%
777200	777200		0.000000%
777200	777208	37,736.40	0.001784%
777300	777300	11,096.97	0.000525%
777500	777500	9,365.62	0.000443%
777600	777600	30,065.81	0.001421%
777700	777700	87,495.78	0.004137%
777900	777900	31,327.01	0.001481%
778000	778000	16,120.64	0.000762%
778100	778100	15,588.26	0.000737%
778200	778208	149,495.12	0.007068%
778300	778300	18,303.48	0.000865%
778400	778408	394,454.21	0.018649%
778400	982208	619,094.25	0.029270%
778500	778500	47,711.81	0.002256%
778500	980880	46,260.23	0.002187%
778600	778600	16,026.13	0.000758%
778600	987100	41,027.80	0.001940%
778800	778800	12,693.11	0.000600%
778900	778900	20,099.94	0.000950%
779000	779000	14,125.92	0.000668%
779100	779100	9,922.69	0.000469%
779200	779200	26,446.88	0.001250%
779300	779300	4,549.27	0.000215%
779400	779400	6,663.43	0.000315%
779500	779500	13,523.88	0.000639%
779600	779600	9,056.84	0.000428%
779700	779700	7,506.76	0.000355%
779800	779800	10,811.36	0.000511%
779900	779900	16,652.54	0.000787%
780000	780000	12,312.00	0.000582%
780100	780100	13,103.87	0.000620%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
780200	780208	390,501.84	0.018463%
780200	985808	503,358.15	0.023798%
780300	780300	108,814.92	0.005145%
780300	985700	126,853.83	0.005998%
780400	780400	14,085.51	0.000666%
780500	780500	13,872.72	0.000656%
780500	780508	421,542.90	0.019930%
780500	982708	779,769.04	0.036867%
780600	780608	50,568.96	0.002391%
780700	780700	23,394.24	0.001106%
780700	988200	21,482.31	0.001016%
780800	780800	14,026.26	0.000663%
780900	780908	33,526.13	0.001585%
780900	982608	62,819.34	0.002970%
781000	781008	27,425.65	0.001297%
781100	781100	21,293.24	0.001007%
781100	987900	41,193.61	0.001948%
781200	781200	22,418.64	0.001060%
781200	986100	23,187.94	0.001096%
781300	781300	89,395.48	0.004227%
781300	981200	131,728.40	0.006228%
781400	781408	29,093.48	0.001376%
781400	986008	26,775.00	0.001266%
781500	781508	36,215.81	0.001712%
781500	985208	98,559.69	0.004660%
781600	781600	5,896.68	0.000279%
781700	781700	5,426.04	0.000257%
781800	781800	18,667.71	0.000883%
781900	781900	6,409.13	0.000303%
782000	782000	7,928.25	0.000375%
782100	782100	8,247.07	0.000390%
782200	782200	25,287.06	0.001196%
782300	782300	11,576.83	0.000547%
782400	782400	12,060.61	0.000570%
782500	782500	14,267.97	0.000675%
782600	782600	8,589.06	0.000406%
782700	782700	7,873.01	0.000372%
782800	782800	6,236.53	0.000295%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
782900	782900	6,912.47	0.000327%
783000	783000	12,779.86	0.000604%
783100	783108	76,814.75	0.003632%
783100	989108	150,056.33	0.007095%
783200	783200	18,073.40	0.000854%
783300	783300	20,169.21	0.000954%
783400	783400	62,884.89	0.002973%
783500	783500	19,738.60	0.000933%
783600	783600	63,282.21	0.002992%
783600	982100	106,811.18	0.005050%
783700	783700	15,421.49	0.000729%
783800	783800	51,072.02	0.002415%
783900	783908	22,414.64	0.001060%
784000	784000	33,645.21	0.001591%
784100	784100	69,650.76	0.003293%
784100	980770	113,441.55	0.005363%
784200	784208	79,849.75	0.003775%
784200	983008	190,151.29	0.008990%
784300	784300	41,361.05	0.001956%
784400	784400	18,160.39	0.000859%
784500	784500	23,221.85	0.001098%
784600	784600	19,037.80	0.000900%
784700	784708	21,124.05	0.000999%
784800	784800	8,421.93	0.000398%
784900	784900	13,726.18	0.000649%
785000	785000	11,936.09	0.000564%
785100	785100	12,652.53	0.000598%
785200	785200	9,860.77	0.000466%
785300	785300	10,614.86	0.000502%
785400	785400	3,423.73	0.000162%
785500	785500	12,074.15	0.000571%
785600	785600	8,950.78	0.000423%
785700	785700	9,977.05	0.000472%
785800	785800	10,951.25	0.000518%
785900	785900	10,239.01	0.000484%
786000	786000	5,896.68	0.000279%
786100	786100	8,303.18	0.000393%
786200	786200	7,107.10	0.000336%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
786300	786300	14,527.32	0.000687%
786400	786400	12,004.59	0.000568%
786500	786500	5,895.96	0.000279%
786600	786600	7,368.84	0.000348%
786700	786708	6,977.26	0.000330%
786800	786800	8,297.89	0.000392%
786900	786900	6,352.44	0.000300%
787000	787000	10,151.21	0.000480%
787100	787100	5,740.58	0.000271%
787200	787200	5,896.68	0.000279%
787300	787300	6,352.46	0.000300%
787400	787400	31,616.18	0.001495%
787500	787500	12,717.15	0.000601%
787600	787600	30,743.89	0.001454%
787700	787700	27,148.62	0.001284%
787800	787800	8,787.76	0.000415%
787900	787908	44,831.39	0.002120%
788000	788000	20,484.93	0.000969%
788100	788100	7,519.55	0.000356%
788200	788200	4,763.52	0.000225%
788300	788300	8,297.88	0.000392%
788400	788400	32,458.52	0.001535%
788500	788500	7,384.32	0.000349%
788600	788600	7,000.22	0.000331%
788700	788700	4,923.00	0.000233%
788800	788800	6,352.47	0.000300%
788900	788900	13,452.96	0.000636%
789000	789000	5,740.56	0.000271%
789100	789100	9,384.79	0.000444%
789200	789200	6,127.68	0.000290%
789300	789300	10,797.16	0.000510%
789400	789400	6,862.72	0.000324%
789500	789500	13,880.13	0.000656%
789600	789600	7,406.10	0.000350%
789700	789700	14,544.11	0.000688%
789800	789800	7,659.01	0.000362%
789900	789900	6,222.99	0.000294%
790000	790000	13,017.68	0.000615%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
790100	790100	14,670.90	0.000694%
790200	790200	5,896.68	0.000279%
790300	790300	2,876.76	0.000136%
790400	790400	136,385.42	0.006448%
790400	981500	220,652.84	0.010432%
790500	790508	42,492.72	0.002009%
790500	981408	36,526.80	0.001727%
790600	790600	29,748.09	0.001406%
790600	989000	59,520.53	0.002814%
790700	790700	3,903.76	0.000185%
790700	790708	238,968.74	0.011298%
790800	790800	79,369.11	0.003752%
790800	790808	(43,838.75)	-0.002073%
790800	981600	(1,378.28)	-0.000065%
790800	981608	43,283.82	0.002046%
790900	790900	53,817.20	0.002544%
791200	791208	340,646.38	0.016105%
791200	883108		0.000000%
791200	983108	542,847.36	0.025665%
791400	791408	31,127.66	0.001472%
791400	986808	23,031.20	0.001089%
791700	791708	650,569.44	0.030758%
791900	791900	7,342.63	0.000347%
792000	792000	7,770.29	0.000367%
792100	792100	13,062.00	0.000618%
792200	792200	7,295.92	0.000345%
792300	792300	10,069.56	0.000476%
792400	792400	9,581.34	0.000453%
792500	792500	8,550.52	0.000404%
792600	792600	9,315.20	0.000440%
792700	792700	8,632.37	0.000408%
792800	792800	7,946.50	0.000376%
792900	792900	8,532.25	0.000403%
793000	793000	7,273.44	0.000344%
793100	793100	9,123.79	0.000431%
793200	793200	6,421.24	0.000304%
793300	793300	9,231.96	0.000436%
793400	793400	6,352.44	0.000300%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
793500	793500	10,603.10	0.000501%
793600	793608	12,005.94	0.000568%
793700	793700	7,236.04	0.000342%
793800	793800	8,324.45	0.000394%
793900	793900	9,634.02	0.000455%
794000	794000	6,264.24	0.000296%
794100	794100	11,861.16	0.000561%
794200	794200	6,352.56	0.000300%
794300	794300	7,491.63	0.000354%
794400	794400	7,212.38	0.000341%
794500	794500	5,630.52	0.000266%
794600	794600	12,484.86	0.000590%
794700	794700	10,086.39	0.000477%
794800	794800	9,140.26	0.000432%
794900	794900	9,255.82	0.000438%
795000	795000	12,117.38	0.000573%
795100	795100	11,347.91	0.000537%
795200	795200	17,515.48	0.000828%
795300	795300	5,443.40	0.000257%
795400	795400	27,405.33	0.001296%
795500	795500	15,693.34	0.000742%
795600	795600	4,930.26	0.000233%
795700	795700	14,393.83	0.000681%
795800	795800	15,122.46	0.000715%
795900	795900	9,053.63	0.000428%
796000	796000	14,307.94	0.000676%
796100	796100	7,734.06	0.000366%
796200	796200	8,978.45	0.000424%
796300	796300	9,890.07	0.000468%
796400	796400	17,838.16	0.000843%
796500	796500	22,079.16	0.001044%
796600	796600	28,595.99	0.001352%
796700	796700	2,150.26	0.000102%
796700	796708	8,973.70	0.000424%
796800	796800	9,469.83	0.000448%
796900	796900	11,085.36	0.000524%
797000	797008	19,550.52	0.000924%
797100	797100	13,015.43	0.000615%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
797200	797200	18,523.07	0.000876%
797300	797300	20,708.15	0.000979%
797500	797500	8,504.30	0.000402%
797600	797600	4,586.28	0.000217%
797700	797700	7,702.66	0.000364%
797800	797800	7,093.28	0.000335%
797900	797900	7,107.69	0.000336%
798000	798000	4,721.41	0.000223%
798100	798100	6,697.49	0.000317%
798200	798200	4,923.00	0.000233%
798300	798300	6,352.43	0.000300%
798400	798400	7,521.41	0.000356%
798500	798500	8,368.19	0.000396%
798600	798600	6,292.87	0.000298%
798700	798700	6,388.06	0.000302%
798800	798800	5,124.92	0.000242%
798900	798900	6,933.13	0.000328%
799000	799000	28,358.21	0.001341%
799100	799100	14,077.61	0.000666%
799200	799200	25,539.22	0.001207%
799300	799300	30,711.80	0.001452%
799300	799308	20,421.20	0.000965%
799300	986308	9,929.74	0.000469%
799400	799400	47,451.34	0.002243%
799400	985300	53,920.63	0.002549%
799500	799500	30,402.54	0.001437%
799500	982900	34,724.80	0.001642%
799500	982908	19.23	0.000001%
799600	799600	58,640.99	0.002772%
799600	984700	72,064.46	0.003407%
799700	799700	17,598.77	0.000832%
799800	799800	49,908.28	0.002360%
799900	799900	25,423.46	0.001202%
800000	800000	53,913.39	0.002549%
800100	800100	31,208.37	0.001476%
800200	800200	7,315.15	0.000346%
800300	800300	10,617.31	0.000502%
800400	800400	8,276.10	0.000391%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
800500	800500	11,709.89	0.000554%
800600	800600	9,437.16	0.000446%
800700	800700	10,804.44	0.000511%
800800	800800	6,190.68	0.000293%
800900	800900	7,304.96	0.000345%
801000	801000	7,580.84	0.000358%
801100	801100	5,658.66	0.000268%
801200	801200	8,966.94	0.000424%
801300	801300	9,509.72	0.000450%
801400	801400	11,092.83	0.000524%
801500	801500	9,418.16	0.000445%
801600	801600	6,322.50	0.000299%
801700	801700	14,584.79	0.000690%
801800	801800	15,148.19	0.000716%
801900	801900	13,751.27	0.000650%
802000	802000	8,937.08	0.000423%
802100	802100	5,896.68	0.000279%
802200	802200	8,700.47	0.000411%
802300	802300	14,342.41	0.000678%
802400	802400	10,169.59	0.000481%
802500	802500	25,504.73	0.001206%
802600	802600	7,887.13	0.000373%
802700	802700	17,187.07	0.000813%
802800	802808	16,437.49	0.000777%
802900	802900	14,137.35	0.000668%
803000	803000	8,913.86	0.000421%
803100	803100	25,184.85	0.001191%
803200	803200	9,282.57	0.000439%
803300	803300	9,914.56	0.000469%
803400	803400	14,481.00	0.000685%
803500	803500	12,956.59	0.000613%
803600	803600	6,960.36	0.000329%
803700	803700	8,286.95	0.000392%
803800	803800	13,875.90	0.000656%
803900	803900	26,336.20	0.001245%
804000	804000	20,982.87	0.000992%
804100	804100	17,384.00	0.000822%
804200	804200	7,383.96	0.000349%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
804300	804300	6,098.28	0.000288%
804400	804400	10,691.07	0.000505%
804500	804500	7,482.20	0.000354%
804600	804600	6,987.55	0.000330%
804700	804700	6,416.41	0.000303%
804800	804800	11,285.35	0.000534%
804900	804900	5,791.64	0.000274%
805000	805000	13,530.16	0.000640%
805100	805100	14,365.39	0.000679%
805200	805200	5,896.68	0.000279%
805300	805300	17,960.54	0.000849%
805400	805400	23,125.15	0.001093%
805500	805500	7,180.52	0.000339%
805600	805600	6,518.88	0.000308%
805700	805700	29,600.45	0.001399%
805900	805900	137,420.95	0.006497%
805900	989400	177,735.81	0.008403%
806000	806000	12,982.85	0.000614%
806100	806100	35,119.68	0.001660%
806200	806200	20,554.13	0.000972%
806300	806300	48,395.45	0.002288%
806400	806400	19,710.33	0.000932%
806600	806600	31,014.30	0.001466%
806700	806700	28,610.05	0.001353%
806800	806800	24,941.27	0.001179%
806900	806900	22,124.28	0.001046%
807000	807000	17,407.76	0.000823%
807100	807100	70,602.61	0.003338%
807200	807200	43,357.19	0.002050%
807300	807300	40,168.04	0.001899%
807400	807400	27,556.01	0.001303%
807600	807600	44,347.52	0.002097%
807700	807700	19,507.06	0.000922%
807800	807800	7,383.96	0.000349%
807900	807908	25,269.63	0.001195%
808000	808000	84.00	0.000004%
808000	808008	20,564.45	0.000972%
808100	808100	24,776.57	0.001171%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
808200	808200	12,338.28	0.000583%
808300	808300	7,489.94	0.000354%
808400	808400	13,794.12	0.000652%
808500	808500	19,914.73	0.000942%
808600	808600	15,378.47	0.000727%
808700	808700	17,364.96	0.000821%
808800	808800	17,419.43	0.000824%
808900	808900	12,530.59	0.000592%
809000	809000	12,486.46	0.000590%
809100	809100	13,770.88	0.000651%
809200	809200	10,999.40	0.000520%
809300	809300	14,206.28	0.000672%
809400	809400	10,891.56	0.000515%
809500	809500	12,605.01	0.000596%
809600	809600	13,673.54	0.000646%
809700	809700	12,376.35	0.000585%
809800	809800	12,334.39	0.000583%
809900	809900	11,959.38	0.000565%
810000	810000	14,373.74	0.000680%
810100	810100	8,134.22	0.000385%
810200	810200	15,960.69	0.000755%
810300	810300	15,359.25	0.000726%
810400	810400	17,249.71	0.000816%
810500	810500	12,373.68	0.000585%
810600	810600	19,610.96	0.000927%
810700	810700	11,457.03	0.000542%
810800	810800	14,893.74	0.000704%
810900	810900	18,011.29	0.000852%
811000	811000	53,789.24	0.002543%
811100	811100	18,125.13	0.000857%
811100	811108	18,482.82	0.000874%
811200	811200	36,037.19	0.001704%
811300	811300	23,872.05	0.001129%
811400	811400	16,422.02	0.000776%
811500	811500	11,923.08	0.000564%
811600	811600	18,312.78	0.000866%
811700	811700	13,317.46	0.000630%
811800	811800	34,886.40	0.001649%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
811900	811900	21,067.17	0.000996%
812000	812000	34,933.56	0.001652%
812100	812100	19,561.67	0.000925%
812200	812200	20,208.68	0.000955%
812300	812300	9,599.30	0.000454%
812400	812400	10,642.12	0.000503%
812500	812500	25,357.52	0.001199%
812600	812600	9,238.86	0.000437%
812700	812700	9,054.73	0.000428%
812800	812800	21,339.10	0.001009%
812900	812900	8,595.68	0.000406%
813000	813000	21,931.65	0.001037%
813100	813100	16,130.38	0.000763%
813200	813200	16,616.21	0.000786%
813300	813300	7,794.83	0.000369%
813400	813400	14,263.56	0.000674%
813500	813500	57,734.76	0.002730%
813600	813600	17,301.58	0.000818%
813700	813700	17,135.39	0.000810%
813800	813800	17,468.48	0.000826%
813900	813900	30,265.66	0.001431%
814100	814100	19,126.06	0.000904%
814200	814200	14,636.06	0.000692%
814300	814300	13,729.46	0.000649%
814400	814400	11,468.07	0.000542%
814500	814500	11,532.77	0.000545%
814600	814600	28,442.73	0.001345%
814700	814700	10,477.97	0.000495%
814800	814800	13,076.63	0.000618%
814900	814900	12,641.61	0.000598%
815000	815000	20,601.12	0.000974%
815100	815100	21,235.29	0.001004%
815200	815200	10,888.90	0.000515%
815300	815300	10,389.90	0.000491%
815400	815400	25,161.20	0.001190%
815500	815500	60,116.30	0.002842%
815600	815600	15,237.86	0.000720%
815700	815700	16,128.32	0.000763%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
815800	815800	16,994.49	0.000803%
815900	815900	7,779.29	0.000368%
816100	816100	30,740.74	0.001453%
816200	816200	98,769.82	0.004670%
816300	816300	8,899.32	0.000421%
816400	816400	15,046.54	0.000711%
816500	816500	14,978.90	0.000708%
816600	816600	23,509.54	0.001112%
816700	816700	14,823.47	0.000701%
816800	816800	20,113.03	0.000951%
817000	817000	12,576.30	0.000595%
817100	817100	7,942.19	0.000375%
817200	817200	9,665.53	0.000457%
817300	817300	15,269.58	0.000722%
817400	817400	14,191.84	0.000671%
817500	817500	44,771.76	0.002117%
817600	817600	12,910.80	0.000610%
817700	817700	11,848.64	0.000560%
817800	817800	17,917.32	0.000847%
817900	817900	13,920.79	0.000658%
818000	818000	7,134.87	0.000337%
818100	818100	14,733.14	0.000697%
818200	818200	7,753.54	0.000367%
818300	818300	12,228.32	0.000578%
818500	818500	11,994.22	0.000567%
818600	818600	10,887.34	0.000515%
818700	818700	6,856.44	0.000324%
818800	818800	7,121.23	0.000337%
818900	818900	12,899.76	0.000610%
819000	819000	8,272.56	0.000391%
819100	819100	7,761.96	0.000367%
819200	819200	8,495.31	0.000402%
819300	819300	7,313.40	0.000346%
819400	819400	6,213.06	0.000294%
819500	819500	10,447.58	0.000494%
819600	819600	12,003.03	0.000567%
819700	819700	8,544.65	0.000404%
819800	819800	8,870.49	0.000419%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
819900	819900	7,529.34	0.000356%
820000	820000	21,614.30	0.001022%
820100	820100	100,899.35	0.004770%
820200	820200	241,878.79	0.011436%
820200	820208	254,822.43	0.012048%
820200	984300	457,170.18	0.021615%
820200	984308	143,934.08	0.006805%
820300	820300	25,461.78	0.001204%
820300	820308	139,541.95	0.006597%
820300	984200	112,416.47	0.005315%
820400	820408	62,083.28	0.002935%
820400	981708	90,152.87	0.004262%
820500	820500	31,118.56	0.001471%
820600	820600	30,839.31	0.001458%
820600	988100	28,718.31	0.001358%
820700	820700	99,829.29	0.004720%
820800	820800	27,150.04	0.001284%
820900	820900	25,990.95	0.001229%
821000	821000	159,287.97	0.007531%
821000	884800		0.000000%
821000	984800	269,390.78	0.012737%
821100	821100	36,264.61	0.001715%
821200	821200	16,610.16	0.000785%
821200	821208	247,319.17	0.011693%
821300	821300	21,444.41	0.001014%
821400	821400	19,987.45	0.000945%
821500	821500	32,297.70	0.001527%
821600	821600	22,376.64	0.001058%
821900	821900	275,417.06	0.013021%
821900	981900	291,067.63	0.013761%
822000	822000	21,730.92	0.001027%
822100	822100	68,136.44	0.003221%
822100	822108	143,250.67	0.006773%
822100	987600	141,146.69	0.006673%
822100	987608	202,618.75	0.009580%
822200	822200	67,789.82	0.003205%
822200	822208	13,054.11	0.000617%
823200	823200	52,639.73	0.002489%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
823500	823508	43,842.31	0.002073%
823600	823600	63,289.55	0.002992%
823600	823608	7,247.97	0.000343%
823600	985000	120,316.80	0.005688%
823600	985008	23,557.70	0.001114%
823700	823700	134,181.83	0.006344%
823700	985100	146,750.57	0.006938%
824000	824000	92,849.49	0.004390%
824100	824100	54,190.47	0.002562%
824100	959800	66,254.43	0.003132%
824200	824200	14,160.64	0.000670%
824300	824300	30,226.36	0.001429%
824400	824408	17,863.86	0.000845%
824500	824500	22,484.96	0.001063%
824500	824508	27,250.09	0.001288%
824500	980960	76,675.82	0.003625%
824600	824600	1,552.14	0.000073%
824600	824608	58,879.33	0.002784%
824600	988608	70,143.99	0.003316%
824700	824700	8,391.99	0.000397%
824800	824800	29,367.11	0.001388%
824900	824900	6,072.54	0.000287%
825000	825000	6,877.44	0.000325%
825100	825100	22,353.45	0.001057%
825200	825200	188,191.30	0.008898%
825200	983200	226,385.16	0.010703%
825300	825300	41,081.10	0.001942%
825300	825308	16,580.43	0.000784%
825300	986400	81,012.56	0.003830%
825400	825400	51,726.34	0.002446%
825500	825500	29,427.40	0.001391%
825600	825600	80,039.10	0.003784%
825600	982000	236,413.64	0.011177%
825800	825800	12,446.45	0.000588%
825900	825900	17,860.70	0.000844%
826000	826000	22,787.31	0.001077%
826100	826100	18,801.71	0.000889%
826200	826200	8,529.38	0.000403%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
826300	826300	32,953.92	0.001558%
826300	980750	29,405.49	0.001390%
826400	826400	67,617.35	0.003197%
826400	988300	70,325.01	0.003325%
826500	826500	25,575.55	0.001209%
826500	826508	62,418.26	0.002951%
826500	987308	134,821.25	0.006374%
826600	826600	10,322.92	0.000488%
826700	826700	4,586.28	0.000217%
826800	826800	5,896.67	0.000279%
826900	826900	9,434.28	0.000446%
826900	826908	27,788.37	0.001314%
827000	827000	14,174.33	0.000670%
827100	827100	14,765.88	0.000698%
827200	827200	17,303.61	0.000818%
827300	827300	7,870.06	0.000372%
827400	827400	12,657.25	0.000598%
827400	827408	16,964.14	0.000802%
827500	827500	16,857.13	0.000797%
827600	827600	11,375.63	0.000538%
827700	827700	8,888.60	0.000420%
827800	827800	6,362.53	0.000301%
827900	827900	10,161.64	0.000480%
828000	828000	13,688.99	0.000647%
828100	828100	15,957.51	0.000754%
828200	828200	10,425.36	0.000493%
828300	828300	13,370.38	0.000632%
828400	828400	13,483.96	0.000638%
828500	828500	10,147.76	0.000480%
828600	828600	7,380.80	0.000349%
828700	828700	9,802.77	0.000463%
828800	828800	19,687.90	0.000931%
828800	828808	8,521.35	0.000403%
828900	828900	10,111.30	0.000478%
829000	829000	10,089.00	0.000477%
829100	829100	8,307.24	0.000393%
829200	829200	6,352.44	0.000300%
829300	829308	43,727.97	0.002067%

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
829400	829400	6,352.44	0.000300%
829500	829500	19,725.09	0.000933%
829600	829600	9,237.01	0.000437%
829700	829700	12,968.28	0.000613%
829800	829800	15,990.57	0.000756%
829900	829900	13,250.80	0.000626%
830000	830000	7,626.16	0.000361%
830100	830100	13,470.25	0.000637%
830200	830200	9,709.36	0.000459%
830300	830300	11,728.61	0.000555%
830400	830400	6,535.08	0.000309%
830500	830500	7,638.83	0.000361%
830600	830600	14,070.88	0.000665%
830700	830700	15,523.39	0.000734%
830800	830800	55,538.81	0.002626%
830900	830900	13,873.24	0.000656%
831000	831000	11,009.21	0.000521%
831100	831100	7,383.96	0.000349%
831200	831200	11,036.64	0.000522%
831300	831300	7,180.71	0.000339%
831400	831400	10,773.83	0.000509%
831500	831500	11,365.30	0.000537%
831600	831600	5,837.54	0.000276%
831700	831700	10,168.67	0.000481%
831800	831800	8,321.48	0.000393%
831900	831900	5,241.48	0.000248%
832000	832000	8,630.83	0.000408%
832100	832100	8,859.65	0.000419%
832200	832200	5,896.58	0.000279%
832300	832300	8,023.55	0.000379%
832400	832400	2,893.38	0.000137%
832500	832500	14,499.46	0.000686%
832600	832600	168,340.94	0.007959%
832600	982300	221,437.82	0.010469%
832700	832700	296,470.20	0.014017%
832800	832800	64,098.33	0.003031%
832900	832900	115,817.27	0.005476%
832900	980650	248,329.18	0.011741%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
833000	833000	33,775.09	0.001597%
833100	833100	7,923.63	0.000375%
833200	833200	19,520.34	0.000923%
833200	833208	3,444.77	0.000163%
833300	833300	207,205.67	0.009796%
833400	833400	26,417.51	0.001249%
833500	833500	16,333.23	0.000772%
833600	833600	43,922.79	0.002077%
833600	833608	22,238.96	0.001051%
833700	833700	14,225.57	0.000673%
833800	833800	9,391.08	0.000444%
833900	833900	18,149.86	0.000858%
834000	834000	21,495.18	0.001016%
834100	834100	13,790.59	0.000652%
834200	834200	15,946.48	0.000754%
834300	834300	4,586.28	0.000217%
834400	834400	13,209.81	0.000625%
834500	834500	13,521.12	0.000639%
834600	834600	11,436.76	0.000541%
834700	834700	11,619.51	0.000549%
834800	834800	9,097.70	0.000430%
834900	834908	7,293.60	0.000345%
835000	835000	22,709.18	0.001074%
835100	835100	20,169.98	0.000954%
835200	835200	11,343.74	0.000536%
835300	835300	8,603.67	0.000407%
835400	835400	14,339.29	0.000678%
835500	835500	26,766.92	0.001266%
835600	835600	22,776.36	0.001077%
835700	835700	12,382.56	0.000585%
835800	835800	10,548.27	0.000499%
835900	835900	15,634.12	0.000739%
836000	836000	35,274.89	0.001668%
836100	836100	14,064.14	0.000665%
836200	836200	27,940.71	0.001321%
836200	836208	6,443.72	0.000305%
836300	836300	15,005.62	0.000709%
836400	836400	18,879.17	0.000893%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
836500	836500	20,945.85	0.000990%
836600	836600	19,429.21	0.000919%
836700	836700	17,689.12	0.000836%
836800	836800	17,056.79	0.000806%
836900	836900	15,077.55	0.000713%
837000	837000	18,869.89	0.000892%
837100	837100	14,576.45	0.000689%
837200	837200	21,238.21	0.001004%
837300	837300	16,999.80	0.000804%
837400	837400	22,041.04	0.001042%
837500	837500	12,456.71	0.000589%
837600	837600	9,075.94	0.000429%
837700	837700	15,114.88	0.000715%
837800	837800	13,419.23	0.000634%
837900	837900	16,734.18	0.000791%
838000	838000	10,479.70	0.000495%
838100	838100	8,915.78	0.000422%
838200	838200	12,975.44	0.000613%
838300	838308	14,986.19	0.000709%
838400	838400	13,549.56	0.000641%
838500	838508	13,589.20	0.000642%
838600	838600	15,448.52	0.000730%
838700	838700	19,517.40	0.000923%
838800	838800	14,989.77	0.000709%
838900	838900	17,106.83	0.000809%
839000	839000	13,929.32	0.000659%
839100	839108	15,713.37	0.000743%
839200	839200	13,040.13	0.000617%
839300	839300	85,744.35	0.004054%
839300	884000	(930.56)	-0.000044%
839300	984000	159,191.63	0.007526%
839400	839400	14,653.96	0.000693%
839500	839500	83,576.12	0.003951%
839600	839600	13,615.25	0.000644%
839700	839700	17,787.66	0.000841%
839800	839800	15,463.12	0.000731%
839900	839908	179,802.00	0.008501%
839900	982808	354,870.10	0.016778%

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS—DEFINED BENEFIT—OPEB (Health Care)
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Total Employer Contributions	OPEB Plans
			Proportionate Share % of Total Employer Contributions
840000	840000	11,259.07	0.000532%
840100	840100	13,983.94	0.000661%
840400	840400	65,305.72	0.003088%
840500	840500	15,871.26	0.000750%
840600	840600	8,560.79	0.000405%
840700	840700	8,055.96	0.000381%
840800	840800	6,468.07	0.000306%
840900	840900	15,599.44	0.000738%
841000	841000	10,275.24	0.000486%
841100	841100	6,410.08	0.000303%
841200	841200	5,836.32	0.000276%
841300	841300	7,008.47	0.000331%
841400	841400	6,312.48	0.000298%
841500	841500	9,277.73	0.000439%
841600	841600	4,882.78	0.000231%
841700	841700	5,896.04	0.000279%
841800	841800	8,679.19	0.000410%
841900	841900	5,901.06	0.000279%
842000	842000	8,552.75	0.000404%
869700	869700	110,660.17	0.005232%
869700	869708	20,674.81	0.000977%
876700	876708	235,442.60	0.011132%
Total		2,115,099,584.70	100.000000%
690300	690308	6,882,812.36	
Grand Total		\$2,121,982,397.06	

Ohio Public Employees Retirement System
Notes to Schedules of Collective OPEB Amounts and Employer Allocations
As of and for the year ended December 31, 2019

1. Description of OPERS

The following brief description of the Ohio Public Employees Retirement System (OPERS or System) is provided for general information purposes only. Users of these schedules should refer to the *OPERS 2019 Comprehensive Annual Financial Report (CAFR)* and Chapter 145 of the Ohio Revised Code (ORC) for more complete information.

- a. Organization**—OPERS is a cost-sharing, multiple-employer public employee retirement system comprised of three separate pension plans: the Traditional Pension Plan, a defined benefit plan; the Combined Plan, a combination defined benefit/defined contribution plan; and the Member-Directed Plan, a defined contribution plan. OPERS is a qualified governmental plan under Section 401(a) of the Internal Revenue Code (IRC). OPERS is administered in accordance with Chapter 145 of the ORC. All state and local governmental employees in Ohio, except those covered by one of the other state or local retirement systems in Ohio, are members of OPERS. New public employees (those who establish membership in OPERS on or after January 1, 2003) have 180 days from the commencement of employment to select membership in one of the three pension plans. Contributions to OPERS are effective with the first day of the member's employment. Contributions made prior to the member's plan selection are maintained in the Traditional Pension Plan and later transferred to the plan elected by the member, as appropriate.

The OPERS health care plans are reported as other post-employment benefit plans (OPEB) based on the criteria established by the Governmental Accounting Standards Board (GASB). Periodically, OPERS modifies the health care program design to improve the ongoing solvency of the plans. Eligibility requirements for access to the OPERS health care options has changed over the history of the program for Traditional Pension Plan and Combined Plan members. Prior to January 1, 2015, 10 or more years of service were required to qualify for health care coverage. Beginning January 1, 2015, generally, members must be at least age 60 with 20 years of qualifying service credit to qualify for health care coverage or 30 years of qualifying service at any age. Beginning 2016, Traditional Pension Plan and Combined Plan retirees enrolled in Medicare A and B were eligible to participate in the OPERS Medicare Connector (Connector). The Connector, a vendor selected by OPERS, assists eligible retirees in the selection and purchase of Medicare supplemental coverage through the Medicare market. Retirees who purchase supplemental coverage through the Connector may receive a monthly allowance in their health reimbursement arrangement (HRA) account that can be used to reimburse eligible health care expenses. Upon termination or retirement, Member-Directed Plan participants can use vested retiree medical account (RMA) funds for reimbursement of qualified medical expenses. Members who elect the Member-Directed Plan after July 1, 2015 will vest in the RMA over 15 years at a rate of 10% each year starting with the sixth year of participation. Members who elected the Member-Directed Plan prior to July 1, 2015 vest in the RMA over a five-year period at a rate of 20% per year. Health care coverage is neither guaranteed nor statutorily required.

OPERS maintains one health care trust, the 115 Health Care Trust (115 Trust), which was established in 2014 to initially provide a funding mechanism for the HRA, as the prior trust structure, the 401(h) Health Care Trust (401(h) Trust) and the Voluntary Employees' Beneficiary Association Trust (VEBA Trust), could not legally support the HRA. In March 2016, OPERS received two favorable rulings from the Internal Revenue Service (IRS) allowing OPERS to consolidate health care assets into the 115 Trust. The 401(h) Trust was a pre-funded trust that provided health care funding for eligible members of the Traditional Pension Plan and the Combined Plan through December 31, 2015, when plans funded through the 401(h) Trust were terminated. The VEBA Trust accumulated funding for RMAs for participants in the Member-Directed Plan through June 30, 2016. The 401(h) Trust and the VEBA Trust were closed as of June 30, 2016 and the net positions transferred to the 115 Trust on July 1, 2016. Beginning

Ohio Public Employees Retirement System
Notes to Schedules of Collective OPEB Amounts and Employer Allocations
As of and for the year ended December 31, 2019

2016, the 115 Trust, established under IRC Section 115, is the funding vehicle for all health care plans.

OPERS is not part of the state of Ohio financial-reporting entity, nor is OPERS a component unit of the state of Ohio. Responsibility for the organization is vested in the OPERS Board of Trustees; there is no financial interdependency with the state of Ohio. The Board is the governing body of OPERS, with responsibility for administration and management. Of the Board, seven members are elected by the group they represent: the retirees (two representatives), employees of the state, employees of counties, employees of municipalities, non-teaching employees of state colleges and universities, and miscellaneous employees. The remaining four members are appointed or designated by position. The Governor, General Assembly and the Treasurer of the state of Ohio each appoint an investment expert Board member. The Director of the Ohio Department of Administrative Services completes the Board.

The Board appoints the Executive Director, an actuary, investment consultants and other consultants necessary for the transaction of business. The Board typically meets monthly and receives no compensation, but is reimbursed for necessary expenses.

All state and local governmental employees, except those covered by another state retirement system in Ohio or the Cincinnati Retirement System, are required to become contributing members of OPERS when they begin public employment unless they are exempted or excluded as defined by the ORC. For actuarial purposes, employees who have earned sufficient service credit (five years) are entitled to a future retirement benefit from OPERS. Employer, employee and retiree data as of December 31, 2019 can be found in the OPERS 2019 CAFR.

- b. **Benefits**—All benefits of the System, and any benefit increases, are established by the legislature pursuant to ORC Chapter 145. The Board, pursuant to ORC Chapter 145, has elected to maintain funds to provide health care coverage to eligible Traditional Pension Plan and Combined Plan retirees and survivors of members. Health care coverage does not vest and is not required under ORC Chapter 145. As a result, coverage may be reduced or eliminated at the discretion of the Board. Additional information on OPERS health care coverage can be found in the OPERS 2019 CAFR.
- **Age-and-Service Defined Benefits**—Effective January 7, 2013, Senate Bill (SB) 343 modified components of the Traditional Pension Plan and resulted in corresponding changes to the Combined Plan. Members were impacted (to varying degrees) by the changes based on their transition group. Three transition groups (A, B and C) were designed to ease the transition for key components of the pension plan changes. Members who were eligible to retire under law in effect prior to SB 343, or were eligible to retire no later than five years after January 7, 2013, comprise transition Group A. Members who had at least 20 years of service credit prior to January 7, 2013, or will be eligible to retire no later than 10 years after January 7, 2013, are included in transition Group B. Group C included those members who are not in either of the other groups and members who were hired on or after January 7, 2013. Please see the Plan Statement in the OPERS 2019 CAFR for additional details.

Benefits in the Traditional Pension Plan for State and Local members are calculated on the basis of age, final average salary (FAS), and service credit. State and Local members in transition Groups A and B are eligible for retirement benefits at age 60 with five years of service credit or at age 55 with 25 or more years of service credit. Group C for State and Local is eligible for retirement benefits at age 57 with 25 years of service or at age 62 with five years of service. For Groups A and B, the annual benefit is based on 2.2% of FAS multiplied by the actual years of service for the first 30 years of service credit and 2.5% for years of service in excess of 30 years. For Group C, the annual benefit applies a factor of

Ohio Public Employees Retirement System
Notes to Schedules of Collective OPEB Amounts and Employer Allocations
As of and for the year ended December 31, 2019

2.2% for the first 35 years and a factor of 2.5% for the years of service in excess of 35. FAS represents the average of the three highest years of earnings over a member's career for Groups A and B. Group C is based on the average of the five highest years of earnings over a member's career. Refer to the age-and-service tables located in the OPERS 2019 CAFR Plan Statement for additional information regarding the requirements for reduced and unreduced benefits. Members who retire before meeting the age-and-years of service credit requirement for unreduced benefits receive a percentage reduction in the benefit amount. The initial amount of a member's pension benefit is vested in upon receipt of the initial benefit payment for calculation of an annual cost-of-living adjustment.

Effective January 1, 2001, House Bill 416 divided the OPERS Law Enforcement Program into two separate divisions: Law Enforcement and Public Safety. Both groups of members, as defined in ORC Chapter 145, and updated in House Bill 520, are eligible for special retirement options under the Traditional Pension Plan and are not eligible to participate in the Member-Directed Plan or Combined Plan. Public Safety members may file an application for full retirement benefits at age 48 or older with 25 or more years of credited service or 52 or older with 15 or more years of credited service for Groups A and B. Public Safety Group C is eligible for benefits at age 52 or older with 25 years or at age 56 or older with 15 years. Those members classified as Law Enforcement officers are eligible for full retirement at age 52 or older with 15 or more years of credited service for Group A. Law Enforcement Group B is eligible at age 48 or older with 25 years or at age 52 or older with 15 years of service. Law Enforcement Group C is eligible at age 48 or older with 25 years of service or at age 56 with 15 years of service. Annual benefits under both divisions are calculated by multiplying 2.5% of FAS by the actual years of service for the first 25 years of service credit, and 2.1% of FAS for each year of service over 25 years. These options also permit early retirement under qualifying circumstances as early as age 48 with a reduced benefit.

Prior to 2000, payments to OPERS benefit recipients were limited under Section 415(b) of the IRC. OPERS entered into a Qualified Excess Benefit Arrangement (QEBA) with the IRS to allow OPERS benefit recipients to receive their full statutory benefit even when the benefit exceeds IRC 415(b) limitations. Monthly QEBA payments start when the total amount of benefits received by the recipients exceeds the IRC limit each year. The portion of the benefit in excess of the IRC 415(b) limit is paid out of the QEBA and taxed as employee payroll in accordance with IRS regulations.

Benefits in the Combined Plan consist of both an age-and-service formula benefit (defined benefit) and a defined contribution element. The defined benefit element is calculated on the basis of age, FAS, and years of service. Eligibility regarding age-and-years of service in the Combined Plan is the same as the Traditional Pension Plan. The benefit formula for the defined benefit component of the plan for State and Local members in transition Groups A and B applies a factor of 1.0% to the member's FAS for the first 30 years of service. A factor of 1.25% is applied to years of service in excess of 30. The benefit formula for transition Group C applies a factor of 1.0% to the member's FAS for the first 35 years of service and a factor of 1.25% is applied to years in excess of 35. Persons retiring before age 65 with less than 30 years of service credit receive a percentage reduction in benefit. The defined contribution portion of the benefit is based on accumulated member contributions plus or minus any investment gains or losses on those contributions.

- **Defined Contribution Benefits**—Defined contribution plan benefits are established in the plan documents, which may be amended by the Board. Member-Directed Plan and Combined Plan members who have met the retirement eligibility requirements may apply for retirement benefits. The amount available for defined contribution benefits in the Combined Plan consists of the member's contributions plus or minus the investment gains or losses

Ohio Public Employees Retirement System
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resulting from the member's investment selections. Combined Plan members wishing to receive benefits must meet the requirements for both the defined benefit and defined contribution plans. Member-Directed participants must have attained the age of 55, have money on deposit in the defined contribution plan and have terminated public service to apply for retirement benefits. The amount available for defined contribution benefits in the Member-Directed Plan consists of the members' contributions, vested employer contributions and investment gains or losses resulting from the members' investment selections. Employer contributions and associated investment earnings vest over a five-year period, at a rate of 20% each year. At retirement, members may select one of several distribution options for payment of the vested balance in their individual OPERS accounts. Options include the annuitization of their benefit (which includes joint and survivor options), partial lump-sum payments (subject to limitations), a rollover of the vested account balance to another financial institution, receipt of entire account balance (net of taxes withheld), or a combination of these options.

- **Early Retirement Incentive Plan (ERIP)**—Employers under OPERS may establish an early retirement incentive plan by purchasing service credit for eligible employees. To be eligible, employees must be able to retire under existing plan provisions after the purchase of the additional credit. Electing employers must contribute all such additional costs as are actuarially determined to fund the benefit. Such a plan, if adopted by an employer, must be offered to a minimum of 5% of covered employees, and may provide for the purchase of up to five years of service credit, limited to a maximum of 20% of the member's total service credit. Members electing to participate in the employer's plan must retire within 90 days of receiving notice of the purchased service or the service is withdrawn and refunded to the employer.

Employers offering an ERIP may choose to pay the full cost of the additional benefits at the time the plan is adopted, or elect an installment payment plan. The required contributions are recognized in full by OPERS in the year in which the payment plan becomes effective. In addition, interest is charged annually on the unpaid balance.

- **Disability Benefits**—OPERS administers two disability plans for participants in either the Traditional Pension Plan or Combined Plan. Members in the plan as of July 29, 1992, could elect, by April 7, 1993, coverage under either the original plan or the revised plan. All members who entered the System after July 29, 1992 are automatically covered under the revised plan. Under the original plan, a member who becomes disabled before age 60 and has completed five years of total service is eligible for a disability benefit. Benefits are funded by the employee and employer contributions and terminate if the member is able to return to work. The revised plan differs in that a member who becomes disabled at any age with five years of total service will be eligible for disability benefits until a determined age. The benefit is funded by reserves accumulated from employer contributions. After the disability benefit ends, the member may apply for a service retirement benefit or a refund of contributions, which are not reduced by the amount of disability benefits received. Law Enforcement officers are immediately eligible for disability benefits if disabled by an on-duty illness or injury. Members participating in the Member-Directed Plan are not eligible for disability benefits.
- **Survivor Benefits**—Dependents of deceased members who participated in either the Traditional Pension Plan or the Combined Plan may qualify for survivor benefits if the deceased employee had at least one and a half years of service credit with the plan, and at least one quarter year of credit within the two and one-half years prior to the date of death. ORC Chapter 145, updated by House Bill 520, and the corresponding Combined Plan document specify the dependents and the conditions under which they qualify for survivor benefits. Qualified survivors of Law Enforcement and Public Safety officers are eligible for survivor benefits immediately upon employment.

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- **Health Care Coverage**—The ORC permits, but does not require, OPERS to offer post-employment health care coverage. The ORC allows a portion of the employers' contributions to be used to fund health care coverage. The health care portion of the employer contribution rate for the Traditional Pension Plan and Combined Plan is comparable, as the same coverage options are provided to participants in both plans.

Prior to January 1, 2015, the System provided comprehensive health care coverage to retirees with 10 or more years of qualifying service credit and offered coverage to their dependents on a premium deduction or direct bill basis. Beginning January 1, 2015, the service eligibility criteria for health care coverage increased from 10 years to 20 years with a minimum age of 60, or, generally, 30 years of qualifying service at any age. Beginning with January 2016 premiums, Medicare-enrolled retirees could select supplemental coverage through the Connector, and may be eligible for monthly allowances deposited to an HRA to be used for reimbursement of eligible health care expenses. Coverage for non-Medicare retirees includes hospitalization, medical expenses and prescription drugs. The System determines the amount, if any, of the associated health care costs that will be absorbed by the System and attempts to control costs by using managed care, case management and other programs. Additional details on health care coverage can be found in the Plan Statement in the OPERS 2019 CAFR.

Participants in the Member-Directed Plan are not eligible for health care coverage offered to benefit recipients in the Traditional Pension Plan and Combined Plan. A portion of employer contributions for these participants is allocated to an RMA. Upon separation or retirement, participants may be reimbursed for qualified medical expenses from these accounts.

An additional RMA was also established several years ago when three health care coverage levels were available to retirees. These RMA balances were transferred to the HRA for retirees with both types of accounts. OPERS initiated an automatic claims payment process for reimbursements for retiree health care costs paid through pension deduction. This process will reimburse members for eligible health care premiums paid to OPERS, currently through pension deduction, up to the member's available RMA balance.

- **Other Benefits**—Once a benefit recipient retiring under the Traditional Pension Plan has received benefits for 12 months, the member receives an annual cost-of-living adjustment. This cost-of-living adjustment is calculated on the member's original base retirement benefit at the date of retirement and is not compounded. Members retiring under the Combined Plan receive a cost-of-living adjustment on the defined benefit portion of their retirement benefit. For those who retired prior to January 7, 2013, the cost-of-living adjustment is 3%. For those retiring on or after January 7, 2013, beginning in 2019, the adjustment is based on the average percentage increase in the Consumer Price Index, capped at 3%. A death benefit of \$500-\$2,500, determined by the number of years of service credit of the retiree, is paid to the beneficiary of a deceased retiree or disability benefit recipient under the Traditional Pension Plan and Combined Plan. Death benefits are not available to beneficiaries of Member-Directed Plan participants.
- **Money Purchase Annuity**—Age-and-service retirees who become re-employed in an OPERS-covered position must contribute the regular contribution rates, which are applied towards a money purchase annuity. The money purchase annuity calculation is based on the accumulated contributions of the retiree for the period of re-employment, and an amount of the employer contributions determined by the Board. Upon termination of service, members over the age of 65 can elect to receive a lump-sum payout or a monthly annuity. Members under age 65 may leave the funds on deposit with OPERS to receive an annuity benefit at

Ohio Public Employees Retirement System
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age 65, or may elect to receive a refund of their employee contributions made during the period of re-employment, plus interest.

- **Refunds**—Members who have terminated service in OPERS-covered employment may file an application for refund of their account. The ORC and applicable plan documents require a two-month waiting period after service termination before the refund may be paid. The acceptance of a refund payment cancels the individual’s rights and benefits in OPERS.

Refunds processed for Traditional Pension Plan members include the member’s accumulated contributions, interest, and any qualifying employer funds, as determined by the Board. A Combined Plan member’s refund may consist of member contributions for the purchase of service plus interest, qualifying employer funds, as determined by the Board, and the value of their account in the defined contribution plan consisting of member contributions adjusted by the gains or losses incurred based on their investment selections. Refunds paid to participants in the Member-Directed Plan include member contributions and vested employer contributions adjusted by the gains or losses incurred based on their investment selections.

- c. **Contributions**—The OPERS funding policy provides for periodic member and employer contributions to all three plans (Traditional Pension, Combined and Member-Directed) at rates established by the Board, subject to limits set in statute. The rates established for member and employer contributions were approved based upon the recommendations of the System’s actuary. All contribution rates were within the limits authorized by the ORC.

Member and employer contribution rates, as a percent of covered payroll, were the same for each covered group across all three plans for the year ended December 31, 2019. Within the Traditional Pension Plan and Combined Plan, member and employer contributions (employer contributions only for the Combined Plan) and an actuarially determined rate of return are adequate to accumulate sufficient assets to pay defined benefits when due. Member contributions within the Combined Plan are not used to fund the defined benefit retirement allowance. Employer contribution rates as a level percent of payroll dollars are determined using the entry age actuarial funding method. This formula determines the amount of contributions necessary to fund: (1) the current service cost, representing the estimated amount necessary to pay for defined benefits earned by the members during the current service year; and (2) the prior service cost for service earned prior to the current year and subsequent benefit increases. These contributions represent the amount necessary to fund accrued liabilities for retirement allowances and survivor benefits over a period of time. The annual employer contributions reported for the Traditional Pension Plan for 2019 were \$1,974,172,176. Employer contributions for the Combined Plan for 2019 were \$62,699,159. Employers satisfied 100% of the contribution requirements.

The following table displays the member and employer contribution rates as a percent of covered payroll for each division for 2019. With the assistance of the System’s actuary and Board approval, a portion of each employer contribution to OPERS may be set aside for the funding of post-employment health care coverage. For 2019, no portion of the employer contribution rate was allocated to health care for the Traditional Pension Plan and the Combined Plan. The employer contribution as a percent of covered payroll deposited for Member-Directed Plan health care accounts for 2019 was 4.0%.

Board of Trustees—Approved Contribution Rates—All Plans		
	2019 Employee Rate	2019 Employer Rate
State Division	10.0%	14.0%
Local Division	10.0	14.0
Law Enforcement Division	13.0	18.1
Public Safety Division	12.0	18.1

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The member and employer contribution rates for the State and Local divisions are currently set at the maximums authorized by the ORC of 10.0% and 14.0%, respectively. The Public Safety and Law Enforcement employer rates are also set at the maximum authorized rate of 18.1%. The member rate for Public Safety is determined by the Board and has no maximum rate established by the ORC. The member rate for Law Enforcement is also determined by the Board, but is limited by the ORC to not more than 2.0% greater than the Public Safety rate.

ORC Chapter 145 assigns authority to the Board to amend the funding policy. As of December 31, 2019, the Board adopted the contribution rates that were recommended by the actuary. The contribution rates were included in a funding policy adopted by the Board in October 2013, and are certified periodically by the Board as required by the ORC.

As of December 31, 2019, the date of the last pension actuarial study, the funding period for all defined benefits of the System was 23 years.

- d. **Federal Subsidies**—OPERS participated in federal programs that subsidized or provided reimbursements to the 115 Trust. Retiree Drug Subsidy (RDS) is a voluntary federal program that reimburses 28% of the cost of prescription drugs for Medicare beneficiaries in the United States. OPERS continues to participate in the RDS program with minimal subsidy generated primarily from Medicare-eligible participants who are re-employed and enrolled in the OPERS Medicare Secondary Plan and the Commercial prescription drug plan. Beginning 2017, health care-related receipts were netted against expenses included in the Benefits line item in the OPERS Combining Statement of Changes in Fiduciary Net Position.
- e. **Participating Employers**—The System serves almost 3,700 employer units and over 3,200 participating employers. The number of employer units exceeds the number of participating employers as some employers report multiple divisions or agencies. The number of participating employers is more in-line with GASB Statement No. 74 (GASB 74), *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, presentation of a primary government and its component units as one employer. Employer child codes (as referenced in the Schedule of Employer Allocations) are assigned to each unit to distinguish member and employer contributions into four divisions: State, Local, Public Safety or Law Enforcement.

Only defined benefit health care plans are subject to financial reporting requirements under GASB 74, GASB Statement No. 75 (GASB 75), *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, and any subsequent statements amending these requirements. Based on the criteria defined in GASB 74, all OPERS health care plans are classified as defined benefit OPEB plans, including the Member-Directed Plan, although the pension plan is defined contribution. Interest of 4.0% is credited to member accounts as long as the Defined Benefit portfolio earns a positive return. Beginning January 2020, interest will accrue based on the investment performance of the OPERS Stable Value Fund, not to exceed 4.0%.

2. Summary of Significant Accounting Policies

- a. **Basis of Accounting**—The Schedules of Collective OPEB Amounts and Employer Allocations are presented in accordance with the standards issued by the GASB, which is the nationally accepted standard setting body for establishing accounting principles generally accepted in the United States (also referred to as GAAP) for governmental entities. As prescribed by GASB, these schedules are reported using the economic resources measurement focus and the accrual basis of accounting.

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to health care, and health care expense, information about the

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fiduciary net position of OPERS and additions to/deductions from OPERS fiduciary net position have been determined on the same basis as they are reported by OPERS. For this purpose, deductions are recorded when the liability is incurred and revenues are recognized when earned. Health care payments are considered a liability and recognized in the OPERS Combining Statement of Fiduciary Net Position when a present obligation exists and a condition that requires the event creating the liability has taken place. Therefore, OPEB plan liabilities are recognized when the benefits are currently due and payable in accordance with the benefit terms, as clarified in GASB 74. GASB 74 also requires health care expenses be reported net of certain health care receipts. Beginning with the implementation of GASB 74 in 2017, the presentation of retiree-paid health care premiums, federal subsidy and rebates, rebates previously included in Contract and Other Receipts, has been revised and these health care receipts included in health care expenses in Benefits under Deductions in the OPERS Combining Statement of Changes in Fiduciary Net Position. Previously, these receipts were reflected in the Additions section of the statement. Health care liabilities contain estimates on incurred but not reported amounts for the current year.

OPERS notionally funds and tracks member balances in the HRA, Member-Directed health care accounts and wellness RMAs. As of December 31, 2019, the notional member balances in the HRAs were \$403.8 million and the amount recognized as currently due for 2019 claims based on estimates was \$43.6 million. As of December 31, 2019, the notional member balances in the Member-Directed health care accounts and wellness RMAs were \$258.1 million and \$1.2 million, respectively. The claim amounts currently due as of December 31, 2019 were estimated at \$1.2 million and \$0.2 million, respectively. As previously noted, the Member-Directed health care accounts were originally funded through the VEBA Trust, prior to the 115 Trust, and the VEBA Trust was historically reported separately in the OPERS combining financial statements. Although all health care activity is now reflected in the 115 Trust, OPERS internally accounts for health care activity separately. Total net position reported for the 115 Trust as of December 31, 2019 was \$12.6 billion, which includes a net position of \$319.3 million in the Member-Directed health care plan.

Additions to health care consist of employer contributions allocated to health care, when applicable, other contracts and receipts, net investment income and other miscellaneous income. Contributions are recorded in the period the related salaries are earned and become measurable pursuant to formal commitments, statutory or contractual requirements. Accordingly, employer contributions for the year ended December 31, 2019 include year-end accruals based upon estimates derived from subsequent payment activity and historical payment patterns. Employer contributions are due 30 days after the month in which salaries are earned based on pay period end date. Health care reimbursements are recognized when they become measurable and due to OPERS based on contractual requirements. Therefore, health care reimbursements contain estimates based on information received from health care vendors and other sources. Investment purchases and sales are recorded as of their trade date and generally reported at fair value.

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and to disclose contingent assets and liabilities at the date of the financial statements, as well as the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

- b. Calculation of Employer Allocations**—With the assistance of the System’s actuary, the Board may approve a portion of each employer contribution to OPERS be set aside for the funding of post-employment health care coverage. However, health care funding is subordinate to pension funding. The employer contribution as a percent of covered payroll deposited for the

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Member-Directed Plan participants' health care accounts for 2019 was 4.0%. No employer contributions were allocated to health care in 2019 for the Traditional Pension Plan and Combined Plan, and is expected to remain at that level.

Total employer contributions were \$2,121,982,398 for the year ended December 31, 2019. These contributions are included in the OPERS Combining Statement of Changes in Fiduciary Net Position included in the OPERS 2019 CAFR and provided the basis for the proportionate share percentages calculated by OPERS and reported in the Schedule of Employer Allocations.

3. Net OPEB Liability—Health Care

The components of the net OPEB liability as of December 31, 2019 were as follows:

Net OPEB Liability (\$ in millions)	
As of December 31, 2019	
Total OPEB Liability	\$26,460
Plan Fiduciary Net Position	12,647
Employers' Net OPEB Liability	\$13,813
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	47.80%

The total OPEB liability was determined by an actuarial valuation as of December 31, 2018, rolled forward to the measurement date of December 31, 2019, by incorporating the expected value of health care cost accruals, the actual health care payments, and interest accruals during the year. Additional information on the changes in net OPEB liability and contribution information can be found in the Required Supplementary Information of the Financial Section in the OPERS 2019 CAFR.

4. Actuarial Methods and Assumptions

Actuarial valuations of an ongoing plan 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, mortality, and cost trends. Actuarially determined amounts are subject to continual review or modification as actual results are compared with past expectations and new estimates are made about the future.

Projections of health care costs for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of coverage provided at the time of each valuation and the historical pattern of sharing of costs between the System and plan members. The total OPEB liability was determined by an actuarial valuation as of December 31, 2018, rolled forward to the measurement date of December 31, 2019.

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The actuarial valuation used the following key actuarial assumptions and methods applied to all prior periods included in the measurement in accordance with the requirements of GASB 74:

Key Methods and Assumptions Used in Valuation of Total OPEB Liability	
Actuarial Information	
Actuarial Valuation Date	December 31, 2018
Rolled-Forward Measurement Date	December 31, 2019
Experience Study	5-Year Period Ended December 31, 2015
Actuarial Cost Method	Individual entry age normal
Actuarial Assumptions	
Single Discount Rate	3.16%
Investment Rate of Return	6.00%
Municipal Bond Rate	2.75%
Wage Inflation	3.25%
Projected Salary Increases	3.25%-10.75% (includes wage inflation at 3.25%)
Health Care Cost Trend Rate	10.5% initial, 3.50% ultimate in 2030

Pre-retirement mortality rates are based on the RP-2014 Employees mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates are based on the RP-2014 Healthy Annuitant mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Post-retirement mortality rates for disabled retirees are based on the RP-2014 Disabled mortality table for males and females, adjusted for mortality improvement back to the observation period base year of 2006. The base year for males and females was then established to be 2015 and 2010, respectively. Mortality rates for a particular calendar year are determined by applying the MP-2015 mortality improvement scale to all of the above described tables.

A single discount rate of 3.16% was used to measure the OPEB liability on the measurement date of December 31, 2019. Projected benefit payments are required to be discounted to their actuarial present value using a single discount rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the health care fiduciary net position is projected to be sufficient to pay benefits), and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate are not met). This single discount rate was based on the actuarial assumed rate of return on the health care investment portfolio of 6.00% and a municipal bond rate of 2.75%. The projection of cash flows used to determine this single discount rate assumed that employer contributions will be made at rates equal to the actuarially determined contribution rate. Based on these assumptions, the health care fiduciary net position and future contributions were sufficient to finance health care costs through the year 2034. As a result, the actuarial assumed long-term expected rate of return on health care investments was applied to projected costs through the year 2034, and the municipal bond rate was applied to all health care costs after that date.

The allocation of investment assets within the Health Care portfolio is approved by the Board as outlined in the annual investment plan. Assets are managed on a total return basis with a long-term objective of continuing to offer a sustainable health care program for current and future retirees. The System's primary goal is to achieve and maintain a fully funded status for benefits provided through the defined pension plans. Health care is a discretionary benefit. The long-term expected rate of return on health care investment assets was determined using a building-block method in which best-

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estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage, adjusted for inflation. Best estimates of arithmetic real rates of return were provided by the Board's investment consultant. For each major asset class that is included in the Health Care portfolio's target asset allocation as of December 31, 2019, these best estimates are summarized in the following table:

Asset Class	Target Allocation as of December 31, 2019	Weighted Average Long-Term Expected Real Rate of Return
		(Arithmetic)
Fixed Income	36.00%	1.53%
Domestic Equities	21.00	5.75
REITs	6.00	5.69
International Equities	23.00	7.66
Other Investments	14.00	4.90
Total	100.00%	4.55%

During 2019, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio and the Defined Contribution portfolio. The Health Care portfolio includes the assets for health care expenses for the Traditional Pension Plan, Combined Plan and Member-Directed Plan eligible members. Within the Health Care portfolio, if any contributions are made into the plans, the contributions are assumed to be received continuously throughout the year based on the actual payroll payable at the time contributions are made. Health-care related payments are assumed to occur mid-year. Accordingly, the money-weighted rate of return is considered to be the same for all plans within the portfolio. The annual money-weighted rate of return expressing investment performance, net of investment expenses and adjusted for the changing amounts actually invested for the Health Care portfolio was 19.7% for 2019.

The following table presents the net OPEB liability calculated using the single discount rate of 3.16%, and the expected net OPEB liability if it were calculated using a discount rate that is 1.0% lower or 1.0% higher than the current rate.

Sensitivity of Net OPEB Liability to Changes in the Discount Rate (\$ in millions)			
As of December 31, 2019	1% Decrease 2.16%	Single Discount Rate 3.16%	1% Increase 4.16%
Employers' Net OPEB Liability	\$18,076	\$13,813	\$10,399

Changes in the health care cost trend rate may also have a significant impact on the net OPEB liability. The following table presents the net OPEB liability calculated using the assumed trend rates, and the expected net OPEB liability if it were calculated using a health care cost trend rate that is 1.0% lower or 1.0% higher than the current rate.

Sensitivity of Net OPEB Liability to Changes in the Health Care Cost Trend Rate (\$ in millions)			
As of December 31, 2019	1% Decrease	Current Health Care Cost Trend Rate Assumption	1% Increase
Employers' Net OPEB Liability	\$13,405	\$13,813	\$14,215

Retiree health care valuations use a health care cost-trend assumption with changes over several years built into that assumption. The near-term rates reflect increases in the current cost of health care; the trend starting in 2020 is 10.50%. If this trend continues for future years, the projection indicates that years from now virtually all expenditures will be for health care. A more reasonable

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alternative is the health plan cost trend will decrease to a level at, or near, wage inflation. On this basis, the actuaries project premium rate increases will continue to exceed wage inflation for approximately the next decade, but by less each year, until leveling off at an ultimate rate, assumed to be 3.50% in the most recent valuation.

5. Average Remaining Service Life

GASB 75 requires that changes arising from differences between expected and actual experience or from changes in actuarial assumptions be recognized in OPEB expense over the average remaining service life of all employees provided with coverage through the health care plans (active and inactive). This is to consider these differences on a pooled basis, rather than an individual basis, to reflect the expected remaining service life of the entire pool of employees with the understanding that inactive employees have no remaining service period. As of December 31, 2019, the average of the expected remaining service lives of all employees calculated by our external actuaries was 2.6884 years. Employers should use this amount when calculating elements of OPEB expense subject to amortization requirements as defined in GASB 75 and reported in the Schedule of Collective OPEB Amounts.

6. Deferred Inflows and Deferred Outflows

As noted in the Schedule of Collective OPEB Amounts, the deferred inflows and outflows do not include the layer of amortization that is recognized in current year OPEB expense and represents the balances of cumulative deferred amounts as of December 31, 2019. The following table discloses the original amounts of the deferred inflows and outflows, calculated by OPERS external actuaries, and the current year amortization on those amounts included in OPEB expense as of and for the year ended December 31, 2019. This information is included to assist employers with tracking the amortization tiers for each year to be recognized in future OPERS expense.

Deferred Inflows and Outflows Arising from the Current Reporting Period				
As of and For the Year Ended December 31, 2019				
Deferred Inflows/(Outflows)	Total Deferred Inflows/(Outflows) Arising in Current Reporting Period	2019 Amortization Period	First Year of Amortization Recognized in OPEB Expense	Balance of 2019 Deferred Inflows/(Outflows) in Current Reporting Period
OPEB-Health Care				
Difference Between Expected and Actual Experience	\$1,982,818,407	2.6884 years	\$737,545,904	\$1,245,272,503
Assumption Changes	(\$3,419,974,964)	2.6884 years	(\$1,272,122,811)	(\$2,147,852,153)
Net Difference Between Projected and Actual Investment Earnings on OPEB Investments	\$1,502,708,408	5 years	\$300,541,682	\$1,202,166,726

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Amounts reported as deferred outflows of resources related to OPEB resulting from employer contributions subsequent to the measurement date will be calculated by employers and recognized as a reduction of the net OPEB liability in the employer's financial statements, as applicable. Other cumulative amounts reported as deferred outflows and inflows of resources related to OPEB will be recognized in OPEB expense as disclosed in the following table:

Cumulative Deferred Inflows/(Outflows) of Resources by Year to be Recognized in Future OPEB Expenses	
Year Ending December 31	OPEB Net Deferred Inflows/(Outflows) of Resources
2020	(\$354,269,049)
2021	(165,911,146)
2022	(559,742)
2023	300,541,680
2024	-
Thereafter	-
Total	(\$220,198,257)

7. Subsequent Events

Subsequent to December 31, 2019, the global economy was impacted by the COVID-19 pandemic and market volatility increased significantly. It is likely that 2020 investment market conditions and other economic factors will be negatively impacted; however, the overall impact on the OPERS investment portfolio and funding position is unknown at this time.

On January 15, 2020, the Board approved several changes to the health care plan offered to Medicare and pre-Medicare retirees in efforts to decrease costs and increase the solvency of the health care plan. These changes are effective January 1, 2022, and include changes to base allowances and eligibility for Medicare retirees, as well as replacing OPERS-sponsored medical plans for pre-Medicare retirees with monthly allowances, similar to the program for Medicare retirees. These changes are not reflected in the current year financial statements but are expected to decrease the associated OPEB liability.

8. Additional Financial and Actuarial Information

Additional information supporting the preparation of the Schedules of Collective OPEB Amounts and Employer Allocations (including the disclosure of the net OPEB liability, required supplementary information on the net OPEB liability, and the unmodified audit opinion on the combined financial statements) is located in the OPERS 2019 CAFR. This CAFR is available at opers.org or by contacting OPERS at: OPERS, 277 East Town Street, Columbus, Ohio 43215-4642 or by calling (800) 222-7377.



INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

Board of Trustees
The Ohio Public Employees Retirement System, and
The Honorable Keith Faber, Auditor of State

We have audited, in accordance with the 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 Ohio Public Employees Retirement System (OPERS), which comprise the combining statement of fiduciary net position as of December 31, 2019, and the related combining statement of changes in fiduciary net position for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated June 8, 2020.

We have also audited, in accordance with the 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 schedule of employer allocations of OPERS' Traditional Pension Plan, Combined Plan and Member-Directed Plan (the specified Plans), as of and for the year ended December 31, 2019, and the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense (revenue) as of and for the year ended December 31, 2019 and net pension liability (asset) for the year ended December 31, 2018 (specified column totals), included in the accompanying schedule of collective pension amounts of the specified Plans, and the related notes, and have issued our report thereon dated June 8, 2020.

We have also audited, in accordance with the 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 schedule of employer allocations of OPERS' 115 Health Care Trust (OPEB), as of and for the year ended December 31, 2019, and the columns titled net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total employer OPEB expense as of and for the year ended December 31, 2019 and net OPEB liability for the year ended December 31, 2018 (specified column totals), included in the accompanying schedule of collective OPEB amounts of the 115 Health Care Trust, and the related notes, and have issued our report thereon dated June 8, 2020.

Internal Control Over Financial Reporting

In planning and performing our audits of the financial statements, the schedules of employer allocations for the specified Plans and 115 Health Care Trust and the specified column totals included in the schedules of collective pension amounts and collective OPEB amounts, we considered OPERS' internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements,

Board of Trustees
The Ohio Public Employees Retirement System, and
The Honorable Keith Faber, Auditor of State

the schedules of employer allocations for the specified Plans and 115 Health Care Trust and the specified column totals included in the schedules of collective pension amounts and collective OPEB amounts, but not for the purpose of expressing an opinion on the effectiveness of OPERS' internal control. Accordingly, we do not express an opinion on the effectiveness of OPERS' internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of OPERS' financial statements, the schedules of employer allocations for the specified Plans and 115 Health Care Trust and the specified column totals included in the schedules of collective pension amounts and collective OPEB amounts will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audits we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether OPERS' financial statements, the schedules of employer allocations for the specified Plans and 115 Health Care Trust and the specified column totals included in the schedules of collective pension amounts and collective OPEB amounts are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audits, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of OPERS' internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering OPERS' internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



CliftonLarsonAllen LLP

Toledo, Ohio
June 8, 2020

OHIO AUDITOR OF STATE KEITH FABER



OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM GASB 75

FRANKLIN COUNTY

CLERK'S CERTIFICATION

This is a true and correct copy of the report which is required to be filed in the Office of the Auditor of State pursuant to Section 117.26, Revised Code, and which is filed in Columbus, Ohio.

Susan Babbitt

CLERK OF THE BUREAU

**CERTIFIED
JULY 21, 2020**