

Ohio Public Employees Retirement System

Schedules of Collective Pension 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
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Columbus, Ohio 43215-4642

We have reviewed the *Independent Auditors' Report* of the GASB 68 (Pension) 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 Pension 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) Traditional Pension Plan, Combined Plan and Member-Directed Plan (the specified Plans), for the year ended December 31, 2019, and the related notes.

We have also audited the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense 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.

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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the specified column totals included in the schedule of collective pension 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 specified Plans and the totals for all participating entities of the columns titled net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense of the specified Plans as of and for the year ended December 31, 2019 and the net pension liability (asset) of the specified Plans for the year ended December 31, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

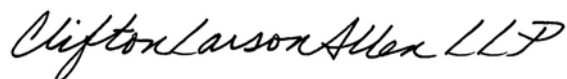
We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of OPERS as of and 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 PENSION 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 Pension Liability (Asset)	December 31, 2019 Net Pension Liability (Asset)	Deferred Outflows of Resources ¹					Deferred Inflows of Resources ¹					Pension Expense		
			Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan 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 Pension Plan 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 Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
Traditional Pension Plan	\$27,387,972,593	\$19,765,678,367	\$0	\$0	\$1,055,718,634	N/A	\$1,055,718,634	\$249,908,816	\$3,942,808,789	\$0	N/A	\$4,192,717,605	\$0	N/A	\$3,232,025,132
Combined Plan	(\$111,822,469)	(\$208,524,069)	\$0	\$0	\$21,500,968	N/A	\$21,500,968	\$48,955,040	\$27,046,259	\$0	N/A	\$76,001,299	\$0	N/A	\$23,890,062
Member-Directed Plan	(\$2,278,489)	(\$3,779,896)	\$12,631,750	\$0	\$613,083	N/A	\$13,244,833	\$0	\$1,188,162	\$0	N/A	\$1,188,162	\$0	N/A	(\$2,227,169)

¹Employer specific amounts that are excluded from this schedule are the change in proportionate share and differences between employer contributions and proportionate share of contributions as defined in paragraphs .54 and .55 of GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*.

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

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

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
100200	100208	\$876,727.84	\$1,227,418.97	\$2,104,146.81	0.062312%	\$58,608.26	\$82,051.56	0.131658%	\$81,649.59	\$81,649.69	0.137358%	\$32,659.76	\$1,016,985.69	\$1,423,779.98	\$2,440,765.67
100300	100308	9,542,283.83	13,359,160.10	22,901,443.93	0.678205%	382,512.32	535,517.82	0.859282%	717,869.59	717,869.76	1.207659%	287,202.22	10,642,665.74	14,899,749.90	25,542,415.64
100300	981078	168,841.02	235,078.24	403,919.26	0.011962%			0.000000%			0.000000%		168,841.02	235,078.24	403,919.26
100400	100408	763,382.62	1,068,736.50	1,832,119.12	0.054257%	26,551.74	37,172.60	0.059646%	14,000.64	14,000.63	0.023553%	5,600.48	803,935.00	1,125,510.21	1,929,445.21
100410	100418	86,219.98	120,708.13	206,928.11	0.006128%			0.000000%	6,604.42	6,604.42	0.011110%	2,641.81	92,824.40	129,954.36	222,778.76
100420	100428	28,521.42	39,929.74	68,451.16	0.002027%			0.000000%	19.06	19.06	0.000032%	7.63	28,540.48	39,956.43	68,496.91
100430	100438	72,555.34	101,577.50	174,132.84	0.005157%			0.000000%			0.000000%		72,555.34	101,577.50	174,132.84
100500	100508	214,765.46	300,671.68	515,437.14	0.015264%			0.000000%	25,931.45	25,931.45	0.043624%	10,372.49	240,696.91	336,975.62	577,672.53
100800	100808	7,380,675.74	10,332,522.58	17,713,198.32	0.524560%	209,537.63	293,352.65	0.470708%	286,088.67	286,088.71	0.481282%	114,860.64	7,876,302.04	11,026,824.58	18,903,126.62
101000	101008	154,727.62	216,618.26	371,345.88	0.010997%	5,872.88	8,221.99	0.013193%	20,851.26	20,851.28	0.035078%	8,340.58	181,451.76	254,032.11	435,483.87
101500	101508	7,392,295.53	10,349,206.88	17,741,502.41	0.525398%	253,396.42	354,754.49	0.569232%	383,449.11	383,448.53	0.645068%	153,379.68	8,029,141.06	11,240,789.58	19,269,930.64
101600	101608	793,041.59	1,110,257.58	1,903,299.17	0.056364%	16,518.89	23,126.32	0.037108%	22,961.14	22,961.21	0.038627%	9,184.43	832,521.62	1,165,529.54	1,998,051.16
101600	101628	592,669.70	829,734.87	1,422,404.57	0.042123%	6,330.71	8,862.96	0.014221%	79,606.82	79,606.39	0.133920%	31,842.74	678,607.23	950,046.96	1,628,654.19
101700	101708	530,188.95	742,265.90	1,272,454.85	0.037683%	39,955.34	55,937.39	0.089756%	46,498.31	46,498.26	0.078223%	18,599.42	616,642.60	863,300.97	1,479,943.57
101700	101728	226,955.14	317,737.54	544,692.68	0.016131%			0.000000%	3,471.61	3,471.62	0.005840%	1,388.63	230,426.75	322,597.79	553,024.54
101800	101808	76,211.93	106,696.86	182,908.79	0.005417%			0.000000%	7,636.14	7,636.14	0.012846%	3,054.46	83,848.07	117,387.46	201,235.53
102300	102308	680,368.04	952,515.90	1,632,883.94	0.048356%	31,757.29	44,460.09	0.071340%	101,870.05	101,870.05	0.171374%	40,747.98	813,995.38	1,139,594.02	1,953,589.40
102400	102408	105,268.55	147,376.24	252,644.79	0.007482%			0.000000%	15,627.04	15,627.04	0.026289%	6,250.79	120,895.59	169,254.07	290,149.66
102600	102608	15,869.29	22,217.04	38,086.33	0.001128%	10,646.48	14,905.14	0.023916%	1,731.20	1,731.20	0.002912%	692.48	28,246.97	39,545.86	67,792.83
103400	103408	688,344.41	963,683.36	1,652,027.77	0.048923%	16,434.10	23,007.71	0.036918%	136,000.56	136,000.53	0.228791%	54,400.32	840,779.07	1,177,091.92	2,017,870.99
104000	104008	1,323,538.07	1,852,952.90	3,176,490.97	0.094069%	65,642.61	91,899.74	0.147461%	83,069.67	83,069.64	0.139747%	33,227.80	1,472,250.35	2,061,150.08	3,533,400.43
104200	104208	852,558.58	1,193,582.34	2,046,140.92	0.060595%	12,168.22	17,035.56	0.027335%	67,551.93	67,551.96	0.113641%	27,020.58	932,278.73	1,305,190.44	2,237,469.17
104300	104308	198.08	277.31	475.39	0.000014%			0.000000%			0.000000%		198.08	277.31	475.39
104400	104408	20,971.17	29,359.94	50,331.11	0.001491%			0.000000%	62.56	62.56	0.000105%	25.04	21,033.73	29,447.54	50,481.27
104500	104508	2,523.00	3,532.20	6,055.20	0.000179%			0.000000%	13,801.15	13,801.15	0.023217%	5,520.47	16,324.15	22,853.82	39,177.97
105000	105008	33,824.58	47,353.67	81,178.25	0.002404%			0.000000%	86.54	86.55	0.000146%	34.61	33,911.12	47,474.83	81,385.95
105100	105108	648,436.25	907,810.00	1,556,246.25	0.046087%	24,005.01	33,607.12	0.053925%	14,583.08	14,583.05	0.024533%	5,833.20	687,024.34	961,833.37	1,648,857.71
105400	105408	475,415.11	665,580.79	1,140,995.90	0.033790%	16,344.32	22,881.96	0.036716%	13,077.09	13,077.09	0.021999%	5,230.88	504,836.52	706,770.72	1,211,607.24
105500	105508	501,789.40	702,504.32	1,204,293.72	0.035664%	18,509.76	25,913.73	0.041581%	39,926.80	39,926.81	0.067168%	15,970.78	560,225.96	784,315.64	1,344,541.60
106000	106008	31,221.40	43,710.04	74,931.44	0.002219%			0.000000%			0.000000%		31,221.40	43,710.04	74,931.44
106100	106108	2,008,015.73	2,811,226.40	4,819,242.13	0.142717%	68,882.10	96,435.00	0.154738%	124,991.78	124,991.76	0.210271%	49,997.18	2,201,889.61	3,082,650.34	5,284,539.95
106700	106708	581,943.05	814,720.60	1,396,663.65	0.041361%	42,695.96	59,774.27	0.095913%	46,876.08	46,876.10	0.078859%	18,750.37	671,515.09	940,121.34	1,611,636.43
107100	107108	486,318.09	680,846.32	1,167,164.41	0.034564%	10,842.88	15,180.08	0.024358%	18,304.15	18,304.12	0.030793%	7,321.65	515,465.12	721,652.17	1,237,117.29
107200	107208	269,176.10	376,846.60	646,022.70	0.019131%	14,566.94	20,393.59	0.032723%	10,410.27	10,410.27	0.017513%	4,164.08	294,153.31	411,814.54	705,967.85
109190	109190	17,248.55	24,147.94	41,396.49	0.001226%			0.000000%			0.000000%		17,248.55	24,147.94	41,396.49
109800	109808	40,859.99	57,203.90	98,063.89	0.002904%	9,905.02	13,867.07	0.022251%	7,303.01	7,303.00	0.012286%	2,921.14	58,068.02	81,295.11	139,363.13
109900	109908	118,076.62	165,307.09	283,383.71	0.008392%	6,628.46	9,279.82	0.014890%	4,604.57	4,604.57	0.007746%	1,841.88	129,309.65	181,033.36	310,343.01
110000	110008	759,805.67	1,063,727.86	1,823,533.53	0.054002%	45,655.67	63,917.78	0.102561%	35,037.16	35,037.16	0.058942%	14,015.09	840,498.50	1,176,697.89	2,017,196.39
110010	110018	8,001.57	11,202.20	19,203.77	0.000569%			0.000000%			0.000000%		8,001.57	11,202.20	19,203.77
110100	110108	1,532,280.31	2,145,192.35	3,677,472.66	0.108905%	34,420.27	48,188.28	0.077322%	57,151.08	57,150.92	0.096144%	22,860.58	1,623,851.66	2,273,392.13	3,897,243.79
110200	110208	7,028.40	9,839.77	16,868.17	0.000500%	6,754.64	9,456.45	0.015174%	9,756.42	9,756.43	0.016413%	3,902.56	23,539.46	32,955.21	56,494.67
110400	110400				0.000000%			0.000000%			0.000000%				
110400	110408	6,578,251.43	9,209,552.71	15,787,804.14	0.467541%	215,961.23	302,345.88	0.485138%	276,159.85	276,159.76	0.464578%	110,463.91	7,070,372.51	9,898,522.26	16,968,894.77
110400	111408	1,512,356.04	2,122,281.42	3,634,637.46	0.107636%	19,246.60	26,945.29	0.043236%	56,219.86	56,219.87	0.094578%	17,506.19	1,587,822.50	2,222,952.77	3,810,775.27
110400	980148	1,300,129.31	1,820,091.24	3,120,220.55	0.092402%			0.000000%			0.000000%	(9,639.67)	1,300,129.31	1,810,451.57	3,110,580.88
110400	980158	1,242,261.80	1,729,610.02	2,971,871.82	0.088009%			0.000000%			0.000000%		1,242,261.80	1,729,610.02	2,971,871.82
111100	111108	104,944.39	146,922.47	251,866.86	0.007459%			0.000000%	21,085.01	21,084.92	0.035471%	8,434.20	126,029.40	176,441.59	302,470.99
111500	111508	2,852,866.48	3,994,013.80	6,846,880.28	0.202764%	105,239.76	147,335.76	0.236412%	115,124.50	115,124.48	0.193672%	46,049.54	3,073,230.74	4,302,523.58	7,375,754.32
111510	111518	18,156.75	25,419.45	43,576.20	0.001290%			0.000000%			0.000000%		18,156.75	25,419.45	43,576.20
111530	111538	7,547.21	10,566.35	18,113.56	0.000536%	10,944.96	15,322.97	0.024587%	156.40	156.40	0.000263%	62.60	18,648.57	26,108.32	44,756.89
112300	112308	470,638.66	658,893.78	1,129,532.44	0.033450%	8,769.74	12,277.65	0.019700%	6,278.80	6,278.85	0.010563%	2,511.51	485,687.20	679,961.79	1,165,648.99
112400	112408	35,518.96	49,726.49	85,245.45	0.002524%			0.000000%			0.000000%		35,518.96	49,726.49	85,245.45
112500	112508	4,970,114.74	6,958,169.86	11,928,284.60	0.353245%	184,985.42	258,980.00	0.415554%	223,056.10	223,056.13	0.375243%	89,223.11	5,378,156.26	7,529,429.10	12,907,585.36
114000	114008	509,721.99	713,610.66	1,223,332.65	0.036228%	26,091.77	36,528.43	0.058613%	31,698.96	31,698.96	0.053327%	12,679.66	567,512.72	794,517.71	1,362,030.43
114000	981118	254,933.22	354,945.61	609,878.83	0.018061%			0.000000%			0.000000%		254,933.22	354,945.61	609,878.83
114100	114108	6,079,313.36	8,511,039.68	14,590,353.04	0.432080%	287,619.90	402,667.75	0.646113%	424,515.35	424,515.43	0.714154%	169,805.79	6,791,448.61	9,508,028.65	16,299,477.26
114200	114208	1,219,119.26	1,706,766.42	2,925,885.68	0.086647%	90,016.15	126,022.								

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
118000	118008	2,758,687.94	3,862,148.98	6,620,836.92	0.196070%							90,682.08			
118000	118018	1,776,707.97	2,487,390.39	4,264,098.36	0.126277%							66,582.47			
118000	118108	7,190,838.39	10,067,204.90	17,258,043.29	0.511081%							55,382.76			
118000	118208	339,449.50	475,229.24	814,678.74	0.024126%										
118300	118308	5,295,486.73	7,413,683.84	12,709,170.57	0.376370%							136,152.80			
118400	118408	2,149,659.71	3,009,522.80	5,159,182.51	0.152784%							51,553.36			
119500	119508	1,534,501.91	2,148,303.28	3,682,805.19	0.109063%							79,982.74			
119900	119908	(294.12)	158.78	(135.34)	-0.000004%							(220.67)			
120000	120008		(0.02)	(0.02)	0.000000%							0.01			
120100	120108	14,953,153.29	20,934,410.68	35,887,563.97	1.062777%							249,672.21			
120800	120808	3,976,638.49	5,567,291.35	9,543,929.84	0.282635%							50,808.17			
120800	174308				0.000000%										
120900	120908	1,202,496.61	1,683,495.22	2,885,991.83	0.085466%							4,925.81			
120900	120918	70,811.66	99,136.48	169,948.14	0.005033%										
120900	120938	85,294.27	119,412.51	204,706.78	0.006062%										
120900	120948	96,889.85	135,645.75	232,535.60	0.006886%										
120900	120958	37,578.50	52,609.98	90,188.48	0.002671%										
120900	120968	79,767.76	111,674.97	191,442.73	0.005669%										
121400	121408		0.01	0.01	0.000000%							(0.02)			
121800	121808	2,641,213.75	3,697,699.45	6,338,913.20	0.187721%							64,470.25			
122000	122008	1,404,068.21	1,965,693.71	3,369,761.92	0.099792%							6,599.78			
122300	122308	4,769,664.37	6,677,501.44	11,447,165.81	0.338997%							24,418.13			
122400	122408	1,066,626.96	1,493,275.92	2,559,902.88	0.075809%							2,259.72			
122400	980478	17,071.98	23,769.67	40,841.65	0.001209%										
122700	122708	1,111,244.99	1,555,740.94	2,666,985.93	0.078980%							16,657.49			
122700	980448	7,828.63	10,899.88	18,728.51	0.000555%										
122800	122808	618,392.58	865,723.61	1,484,116.19	0.043951%							14,941.64			
123200	123208	3,556,133.08	4,978,583.47	8,534,716.55	0.252748%							79,883.10			
124100	124108	4,510,799.22	6,315,116.68	10,825,915.90	0.320599%							89,524.35			
125400	125408	3,532,172.32	4,945,033.18	8,477,205.50	0.251045%							30,135.58			
130500	130508	2,554,168.38	3,575,831.27	6,129,999.65	0.181534%							81,574.34			
130500	980188	177,553.52	247,208.99	424,762.51	0.012579%										
130600	130608	1,579,556.19	2,205,711.77	3,785,267.96	0.112097%							40,419.53			
130600	980338	61,492.44	88,247.41	149,739.85	0.004434%							(5,665.54)			
130800	130808	3,250,335.70	4,550,467.34	7,800,803.04	0.231014%							69,470.30			
130800	880328				0.000000%										
130800	980328	59,701.52	83,122.70	142,824.22	0.004230%										
130900	130908	3,153,204.50	4,414,484.33	7,567,688.83	0.224110%							94,732.65			
130900	980218	109,528.33	152,496.87	262,025.20	0.007760%										
131100	131108	1,108,630.05	1,552,080.50	2,660,710.55	0.078794%							8,451.99			
131100	980228	16,120.48	22,444.58	38,565.06	0.001142%										
131300	131308	1,403,288.34	1,964,602.73	3,367,891.07	0.099737%							29,957.54			
131300	880358				0.000000%										
131300	980358	59,981.71	83,512.94	143,494.65	0.004249%										
132200	132208				0.000000%										
132300	132308	1,325,480.34	1,855,670.45	3,181,150.79	0.094207%							6,970.99			
132300	980268	30,043.97	41,830.30	71,874.27	0.002128%										
132500	132508	883,383.03	1,236,735.90	2,120,118.93	0.062785%							891,923.79			
132500	980468	16,358.71	22,776.22	39,134.93	0.001159%										
132600	132608	4,076,657.81	5,707,702.76	9,784,360.57	0.289755%							44,118.61			
132600	880438	7,714.69	8,671.47	16,386.16	0.000485%							3,408.86			
132600	980438	79,978.90	111,386.01	191,364.91	0.005667%							79,978.90			
132700	132708	1,065,100.33	1,491,139.13	2,556,239.46	0.075701%							14,517.89			
132700	980428	14,145.98	19,695.62	33,841.60	0.001002%										
133000	133008	922,355.78	1,291,297.09	2,213,652.87	0.065555%							5,641.37			
134200	134208	1,989,889.81	2,785,854.97	4,775,744.78	0.141429%							2,050.84			
134200	174408				0.000000%							(0.01)			
134300	134308		0.09	0.09	0.000000%							(0.09)			
134400	134408	2,731,899.67	3,824,653.30	6,556,552.97	0.194166%							17,514.93			
134500	134508	1,931,327.50	2,703,854.42	4,635,181.92	0.137267%							10,926.48			
134600	134608	2,734,238.40	3,827,928.70	6,562,167.10	0.194332%							22,740.11			
134700	134708	3,290,941.61	4,607,308.67	7,898,250.28	0.233899%							2,877,316.18			
134800	134808	2,440,959.29	3,417,338.28	5,858,297.57	0.173488%							13,035.65			
135200	135208	1,432,254.23	2,005,208.06	3,437,462.29	0.101797%							6,627.03			

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
135400	135408	2,062,673.70	2,887,744.73	4,950,418.43	0.146602%												
135500	135508	2,981,674.94	4,174,336.12	7,156,011.06	0.211919%												
135800	135808	1,491,131.24	2,087,579.60	3,578,710.84	0.105980%												
135800	980938	22,137.30	30,821.80	52,959.10	0.001568%												
139300	139308	-	-	-	0.000000%												
140100	140100	-	-	-	0.000000%												
140100	140108	30,589,293.18	42,824,998.39	73,414,291.57	2.174096%	874,046.15	1,223,664.39	1.963468%	756,603.43	756,603.15	1.272820%	302,630.41	32,219,942.76	45,107,896.34	77,327,839.10		
141800	141808	3,479,239.44	4,870,924.04	8,350,163.48	0.247282%	33,803.98	47,325.46	0.075938%	25,908.65	25,908.62	0.043586%	10,363.35	3,538,952.07	4,954,521.47	8,493,473.54		
145000	145000	134.44	109.96	244.40	0.000007%			0.000000%			0.000000%	84.91	134.44	194.87	329.31		
145000	145008	8,369,542.33	11,717,373.78	20,086,916.11	0.594855%	336,979.27	471,770.67	0.756994%	378,048.33	378,048.26	0.635984%	151,145.68	9,084,569.93	12,718,338.39	21,802,908.32		
145000	145108	3,693,691.39	5,171,061.72	8,864,753.11	0.262521%	119,087.43	166,722.34	0.267519%	98,517.58	98,517.54	0.165734%	39,407.06	3,911,296.40	5,475,708.66	9,387,005.06		
145000	980648	-	-	-	0.000000%			0.000000%			0.000000%						
145000	980898	1,168,177.76	1,626,509.34	2,794,687.10	0.082762%			0.000000%			0.000000%	197.38	1,168,177.76	1,626,706.72	2,794,884.48		
159700	159708	1,330,359.23	1,862,500.92	3,192,860.15	0.094554%	71,468.47	100,055.77	0.160548%	57,105.93	57,105.69	0.096068%	22,842.29	1,458,933.63	2,042,504.67	3,501,438.30		
159700	981098	86,066.18	119,981.40	206,047.58	0.006102%			0.000000%			0.000000%	86,066.18	119,981.40	206,047.58			
159800	159808	56,867.30	79,614.17	136,481.47	0.004042%			0.000000%			0.000000%	56,867.30	79,614.17	136,481.47			
159900	159908	39,527.39	55,338.24	94,865.63	0.002809%			0.000000%			0.000000%	39,527.39	55,338.24	94,865.63			
160300	160308	2,974,867.13	4,164,813.67	7,139,680.80	0.211435%	184,813.64	258,739.21	0.415168%	311,128.46	311,128.35	0.523405%	124,451.75	3,470,809.23	4,859,132.98	8,329,942.21		
160600	160608	6,748,133.56	9,447,385.50	16,195,519.06	0.479615%	284,253.82	397,955.20	0.638551%	274,589.87	274,589.88	0.461937%	109,835.95	7,306,977.25	10,229,766.53	17,536,743.78		
161100	161108	27,416.82	38,383.41	65,800.23	0.001949%			0.000000%			0.000000%	27,416.82	38,383.41	65,800.23			
162100	162108	375,131.40	525,183.45	900,314.85	0.026662%	4,242.21	5,939.12	0.009530%	26,036.82	26,036.91	0.043801%	10,414.66	405,410.43	567,574.14	972,984.57		
162200	162208	296,605.43	415,247.80	711,853.23	0.021081%	3,807.43	5,330.39	0.008553%	16,055.20	16,055.19	0.027009%	6,422.10	316,468.06	443,055.48	759,523.54		
162900	162908	58,092.19	81,329.13	139,421.32	0.004129%	30,513.09	42,718.27	0.068545%	927,806.26	927,806.13	0.000000%	88,605.28	124,047.40	212,652.68			
163000	163008	17,868,555.98	25,017,700.97	42,886,256.95	1.270037%	952,311.56	1,333,235.03	2.139283%	210,487.01	210,486.56	0.354098%	368,861.46	19,748,673.80	27,647,603.59	47,396,277.39		
163000	858968	2,700.88	3,190.12	5,891.00	0.000174%			0.000000%	1,161.42	1,161.41	0.001954%	741.28	2,700.88	3,931.40	6,632.28		
163000	958968	742,912.32	1,034,768.08	1,777,680.40	0.052644%			0.000000%			0.000000%	(776.86)	742,912.32	1,033,991.22	1,776,903.54		
163010	163010	258,010.26	361,214.07	619,224.33	0.018338%			0.000000%			0.000000%	258,010.26	361,214.07	619,224.33			
163100	163108	5,283,159.84	7,396,410.52	12,679,570.36	0.375494%	190,082.42	266,052.97	0.426903%	378,188.61	378,187.23	0.636217%	84,256.95	5,683,729.27	7,957,207.00	13,640,936.27		
163100	163110	4,250.89	5,951.26	10,202.15	0.000302%			0.000000%	1,161.42	1,161.41	0.001954%	464.60	5,412.31	7,577.27	12,989.58		
163100	958978	219,901.64	306,170.41	526,072.05	0.015579%			0.000000%			0.000000%	219,901.64	306,170.41	526,072.05			
163200	163208	11,730,542.10	16,422,529.23	28,153,071.33	0.833727%	354,725.24	496,614.78	0.796858%	378,188.61	378,187.23	0.636217%	151,268.69	12,463,455.95	17,448,599.93	29,912,055.88		
163200	958908	300,594.43	418,519.47	719,113.90	0.021296%			0.000000%			0.000000%	300,594.43	418,519.47	719,113.90			
163300	163300	360,021.14	504,022.32	864,043.46	0.025588%	4,318.34	6,045.69	0.009701%	14,103.49	14,103.71	0.023726%	5,641.09	378,442.97	529,812.81	908,255.78		
163300	163308	9,249,685.23	12,949,545.85	22,199,231.08	0.657410%	359,838.38	503,810.24	0.808404%	575,351.63	575,351.57	0.967903%	230,103.77	10,184,875.24	14,258,811.43	24,443,686.67		
163300	958958	306,656.61	426,960.29	733,616.90	0.021725%			0.000000%			0.000000%	306,656.61	426,960.29	733,616.90			
163400	163408	12,690,230.49	17,766,608.34	30,456,838.83	0.901951%	314,351.34	440,091.16	0.706162%	389,311.28	389,311.56	0.654932%	155,224.85	13,393,893.11	18,751,235.91	32,145,129.02		
163400	958998	303,439.39	422,481.02	725,920.41	0.021497%			0.000000%			0.000000%	303,439.39	422,481.02	725,920.41			
163500	163508	913,719.40	1,279,205.55	2,192,924.95	0.064941%	15,619.47	21,867.16	0.035088%	16,378.41	16,378.40	0.027553%	6,551.53	945,717.28	1,324,002.64	2,269,719.92		
163500	959108	66,678.18	92,836.51	159,514.69	0.004724%			0.000000%			0.000000%	66,678.18	92,836.51	159,514.69			
163600	163608	1,615,128.41	2,260,884.53	3,876,012.94	0.114785%	36,262.04	50,766.82	0.081459%	101,335.55	101,335.02	0.170474%	40,534.81	1,752,726.00	2,453,521.18	4,206,247.18		
163600	859140	-	-	-	0.000000%			0.000000%			0.000000%						
163600	959140	335,635.20	467,307.13	802,942.33	0.023778%			0.000000%			0.000000%	335,635.20	467,307.13	802,942.33			
163700	163708	3,757,518.57	5,260,165.54	9,017,684.11	0.267050%	133,026.38	186,237.44	0.298833%	366,720.60	366,720.43	0.616927%	146,688.30	4,257,265.55	5,959,811.71	10,217,077.26		
163700	163710	3,390.00	4,746.00	8,136.00	0.000241%			0.000000%			0.000000%	3,390.00	4,746.00	8,136.00			
163700	958988	131,226.23	182,707.64	313,933.87	0.009297%			0.000000%			0.000000%	131,226.23	182,707.64	313,933.87			
163800	163808	1,526,367.38	2,136,806.94	3,663,174.32	0.108481%	102,665.89	143,732.00	0.230630%	75,962.89	75,962.76	0.127791%	30,363.68	1,704,996.16	2,386,865.38	4,091,861.54		
163800	959218	24,042.86	34,090.02	58,132.88	0.001722%			0.000000%			0.000000%	(615.06)	24,042.86	33,474.96	57,517.82		
163900	163908	3,260,865.49	4,565,198.47	7,826,063.96	0.231762%	129,122.34	180,771.29	0.290062%	83,319.08	83,318.80	0.140166%	33,327.75	3,473,306.91	4,862,616.31	8,335,923.22		
163900	163910	5,047.44	7,066.40	12,113.84	0.000359%			0.000000%			0.000000%	5,047.44	7,066.40	12,113.84			
163900	958948	183,586.92	255,609.29	439,196.21	0.013006%			0.000000%			0.000000%	183,586.92	255,609.29	439,196.21			
164100	164108	142,495,419.01	199,493,860.09	341,989,279.10	10.127694%	6,198,695.14	8,677,889.97	13.924374%	7,563,930.68	7,563,937.64	12.724673%	3,023,646.42	156,258,044.83	218,759,334.12	375,017,378.95		
164100	164120	82,475.78	115,466.10	197,941.88	0.005862%	9,115.76	12,762.09	0.020478%			0.000000%	82,475.78	115,466.10	197,941.88			
164100	958918	819,374.64	1,140,825.36	1,960,200.00	0.058049%			0.000000%			0.000000%	(2.53)	819,374.64	1,140,822.83	1,960,197.47		
164500	164508	4,748,737.43	6,648,226.63	11,396,964.06	0.337510%	192,813.86	269,939.05	0.433139%	307,545.91	307,545.39	0.517378%	123,018.50	5,249,097.20	7,348,729.57	12,597,826.77		
164500	958928	275,438.73	383,495.08	658,933.81	0.019514%			0.000000%			0.000000%	275,438.73	383,495.08	658,933.81			
164600	164608	425,399.68	595,558.57	1,020,958.25	0.030235%	12,551.81	17,572.46	0.028196%	4,064.97	4,064.96	0.006838%	1,626.02	442,016.46	618,822.01	1,060,838.47		
164710	164710	4,803.23	6,724.48	11,527.71	0.000341%			0.000000%			0.000000%	4,803.23	6,724.48	11,527.71			
164800	164708	12,456,401.56	17,438,305.10	29,894,706.66	0.885304%	554,730.97	776,621.42	1.246152%	480,763.39	480,762.53	0.808778%	193,529.87	13,491,895.92	18,889,218.92	32,381,114.84		
164800	164808	5,623,329.64	7,872,054.36	13,495,384.00	0.399653%	200,852.50	281,193.10	0.451197%	227,719.31	227,718.98							

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
166100	166108	348,264.76	487,515.25	835,780.01	0.024751%	23,279.86	32,591.84	0.052296%	10,477.68	10,477.68	0.017626%	4,247.16	382,022.30	534,831.93	916,854.23
166200	166208	296,169.53	414,637.17	710,806.70	0.021050%	33,272.03	46,580.50	0.074742%	16,849.72	16,849.90	0.028346%	6,739.74	346,291.28	484,807.31	831,098.59
168100	168108	462,635.47	647,690.19	1,110,325.66	0.032881%	18,836.98	26,371.84	0.042316%	26,210.20	26,210.20	0.044093%	10,484.16	507,682.65	710,756.39	1,218,439.04
168200	168208	112,801.44	157,921.88	270,723.32	0.008017%			0.000000%	11,158.77	11,158.78	0.018772%	4,463.42	123,960.21	173,544.08	297,504.29
170100	170108	11,737,902.91	16,433,149.13	28,171,052.04	0.834259%	217,603.61	304,644.77	0.488827%	481,837.86	481,837.73	0.810587%	192,658.42	12,437,344.38	17,412,290.05	29,849,634.43
170300	170308	2,366,946.90	3,313,726.45	5,680,673.35	0.168228%	44,977.49	62,968.57	0.101038%	98,983.39	98,983.45	0.166518%	39,593.34	2,510,907.78	3,515,271.81	6,026,179.59
171200	171208	2,584,829.76	3,618,755.85	6,203,585.61	0.183713%	37,803.85	52,925.28	0.084923%	49,264.54	49,264.60	0.082877%	19,705.53	2,671,898.15	3,740,651.26	6,412,549.41
171400	171408	947,750.76	1,326,848.71	2,274,599.47	0.067360%	10,646.54	14,905.19	0.023917%	15,366.33	15,366.36	0.025851%	6,146.44	973,763.63	1,363,266.70	2,337,030.33
171500	171508	2,932,263.64	4,105,153.99	7,037,417.63	0.208407%	45,649.37	63,909.11	0.102547%	36,503.86	36,503.82	0.061410%	14,610.67	3,014,416.87	4,220,177.59	7,234,594.46
172000	172008	1,375,598.52	1,925,834.77	3,301,433.29	0.097769%	12,118.98	16,966.58	0.027224%	27,779.30	27,779.27	0.046733%	11,111.76	1,415,496.80	1,981,692.38	3,397,189.18
173210	173218	42,041.74	58,858.48	100,900.22	0.002988%			0.000000%			0.000000%		42,041.74	58,858.48	100,900.22
174100	174108	54,235.64	75,929.93	130,165.57	0.003855%			0.000000%	6,393.48	6,393.48	0.010756%	2,557.38	60,629.12	84,880.79	145,509.91
174500	174508	2,788,511.82	3,903,908.84	6,692,420.66	0.198190%	41,459.16	58,042.67	0.093134%	53,164.10	53,163.97	0.089437%	21,265.59	2,883,135.08	4,036,381.07	6,919,516.15
174600	174608	2,718,595.21	3,806,026.99	6,524,622.20	0.193221%	41,034.46	57,448.10	0.092180%	20,890.84	20,890.79	0.035144%	8,356.26	2,780,520.51	3,892,722.14	6,673,242.65
174700	174708	2,205,947.59	3,088,338.28	5,294,285.87	0.156785%	18,925.61	26,495.88	0.042515%	34,655.33	34,655.28	0.058300%	13,845.24	2,259,528.53	3,163,334.68	5,422,863.21
174800	174808	2,426,062.28	3,396,482.17	5,822,544.45	0.172429%	29,319.74	41,047.55	0.065864%	41,539.27	41,539.21	0.069881%	16,615.75	2,496,921.29	3,495,684.68	5,992,605.97
174900	174908	2,270,480.17	3,178,668.41	5,449,148.58	0.161371%	65,949.59	92,329.11	0.148150%	46,346.89	46,346.72	0.077968%	18,538.67	2,382,776.65	3,335,882.91	5,718,659.56
175000	175008	1,420,176.48	1,988,221.56	3,408,398.04	0.100937%	36,516.59	51,123.17	0.082031%	20,930.22	20,930.24	0.035211%	8,395.57	1,477,623.29	2,068,670.54	3,546,293.83
175100	175108	2,624,961.77	3,674,936.65	6,299,898.42	0.186566%	40,383.12	56,536.33	0.090717%	19,972.40	19,972.47	0.033599%	7,988.87	2,685,317.29	3,759,434.32	6,444,751.61
175200	175208				0.000000%			0.000000%			0.000000%				
175300	175308	10,272.16	14,380.92	24,653.08	0.000730%			0.000000%			0.000000%	(0.02)	10,272.16	14,380.90	24,653.06
175400	175408	2,433,189.40	3,406,457.80	5,839,647.20	0.172936%	37,166.07	52,032.45	0.083490%	24,757.52	24,757.51	0.041649%	9,902.92	2,495,112.99	3,493,150.68	5,988,263.67
175600	175608	2,025,067.39	2,835,089.09	4,860,156.48	0.143929%	60,644.60	84,902.23	0.136232%	23,425.61	23,425.61	0.039408%	9,370.25	2,109,137.60	2,952,787.18	5,061,924.78
175700	175708	1,834,105.92	2,567,742.88	4,401,848.80	0.130357%	14,349.35	20,089.11	0.032235%	14,258.37	14,258.38	0.023987%	5,703.24	1,862,713.64	2,607,793.61	4,470,507.25
177600	177608		(0.02)	(0.02)	0.000000%			0.000000%			0.000000%	0.01	(0.01)	(0.01)	(0.01)
177800	177808	2,233,511.22	3,126,909.85	5,360,421.07	0.158744%	50,530.56	70,742.78	0.113512%	24,815.67	24,815.54	0.041747%	9,926.26	2,308,857.45	3,232,394.43	5,541,251.88
177900	177900	229.15	251.00	480.15	0.000014%			0.000000%			0.000000%	107.83	229.15	358.83	587.98
177900	177908	2,373,713.76	3,323,262.87	5,696,976.63	0.168711%	31,813.64	44,539.00	0.071466%	27,412.17	27,412.11	0.046115%	10,857.04	2,432,939.57	3,406,071.02	5,839,010.59
178000	178008	19,841.67	27,778.16	47,619.83	0.001410%			0.000000%			0.000000%	19,841.67	19,841.67	27,778.16	47,619.83
187400	187400	(113,234.01)	(135,339.53)	(248,573.54)	-0.007361%	(354.30)	(426.60)	-0.000685%	(20.67)	(19.63)	-0.000033%	(23,262.31)	(113,608.98)	(159,048.07)	(272,657.05)
187400	187408	1,565,696.74	2,168,784.51	3,734,481.25	0.110593%	71,222.28	99,641.62	0.159883%	95,293.83	95,292.49	0.160309%	61,371.39	1,732,212.85	2,425,090.01	4,157,302.86
190300	190308	5,002,427.43	7,003,387.98	12,005,815.41	0.355541%	147,449.49	206,429.22	0.331232%	179,633.83	179,633.84	0.302195%	71,853.28	5,329,510.75	7,461,304.32	12,790,815.07
198110	198118	286,082.41	400,515.15	686,597.56	0.020333%	3,591.52	5,028.13	0.008068%	14,270.24	14,270.24	0.024007%	5,708.11	303,944.17	425,521.63	729,465.80
200100	197010	176.03	246.36	422.39	0.000013%			0.000000%			0.000000%	176.03	176.03	246.36	422.39
200100	200100	857,915.56	1,201,082.18	2,058,997.74	0.060975%	2,067.61	2,894.66	0.004645%	8,220.82	8,220.71	0.013830%	3,288.28	868,203.99	1,215,485.83	2,083,689.82
200100	200110	8,268.49	11,575.86	19,844.35	0.000588%			0.000000%			0.000000%	11,575.86	8,268.49	11,575.86	19,844.35
200100	200230	65,716.75	92,003.34	157,720.09	0.004671%	1,303.67	1,825.12	0.002929%	3,726.23	3,726.25	0.006269%	1,490.48	70,746.65	99,045.19	169,791.84
200100	600100	65,371.82	91,534.88	156,906.70	0.004647%			0.000000%			0.000000%	(14.40)	65,371.82	91,520.48	156,896.30
200100	950100	113,096.36	157,465.06	270,561.42	0.008012%			0.000000%			0.000000%		113,096.36	157,465.06	270,561.42
200200	200200	726,820.62	1,017,545.69	1,744,366.31	0.051658%	6,159.23	8,622.87	0.013836%	28,083.58	28,083.75	0.047245%	11,233.46	761,063.43	1,065,485.77	1,826,549.20
200200	200220	3,628.17	5,079.43	8,707.60	0.000258%			0.000000%			0.000000%		3,628.17	5,079.43	8,707.60
200300	197028	300.01	419.99	720.00	0.000021%			0.000000%			0.000000%		300.01	419.99	720.00
200300	200308	3,182,466.32	4,455,389.93	7,637,856.25	0.226188%	105,583.02	147,815.67	0.237182%	79,202.39	79,202.46	0.133241%	31,775.99	3,367,251.73	4,714,184.05	8,081,435.78
200300	200310	36,409.87	50,973.77	87,383.64	0.002588%	1,552.62	2,173.66	0.003488%	3,208.92	3,208.89	0.005398%	1,283.56	41,171.41	57,639.88	98,811.29
200300	600308	184,136.09	257,786.96	441,923.05	0.013087%	8,009.50	11,213.25	0.017993%	4,908.36	4,908.41	0.008257%	1,963.24	197,053.95	275,871.86	472,925.81
200300	950208	476,659.62	663,689.78	1,140,349.40	0.033770%			0.000000%			0.000000%	(95.26)	476,659.62	663,594.52	1,140,254.14
200500	200500	25,910.34	36,274.48	62,184.82	0.001842%			0.000000%			0.000000%		25,910.34	36,274.48	62,184.82
200500	200508	1,073,023.39	1,502,229.55	2,575,252.94	0.076264%	19,665.42	27,531.41	0.044176%	41,040.89	41,040.74	0.069042%	16,415.30	1,133,729.70	1,587,217.00	2,720,946.70
200500	200510	4,809.28	6,733.00	11,542.28	0.000342%			0.000000%			0.000000%		4,809.28	6,733.00	11,542.28
200500	600508	45,434.32	63,607.81	109,042.13	0.003229%	2,565.44	3,591.61	0.005763%			0.000000%		47,999.76	67,199.42	115,199.18
200500	950308	271,179.28	377,567.41	648,746.69	0.019212%			0.000000%			0.000000%	(2.80)	271,179.28	377,564.61	648,743.89
200700	197048	243.28	340.59	583.87	0.000017%			0.000000%			0.000000%		243.28	340.59	583.87
200700	200708	2,901,741.66	4,062,432.75	6,964,174.41	0.206238%	130,114.23	182,159.99	0.292290%	79,242.26	79,242.13	0.133308%	31,696.81	3,111,098.15	4,355,531.68	7,466,629.83
200700	200710	86,463.91	121,049.60	207,513.51	0.006145%			0.000000%			0.000000%		86,463.91	121,049.60	207,513.51
200700	950408	250,738.83	349,104.89	599,843.72	0.017764%			0.000000%			0.000000%		250,738.83	349,104.89	599,843.72
200900	197058	251.94	352.82	604.76	0.000018%			0.000000%			0.000000%		251.94	352.82	604.76
200900	200908	2,224,615.14	3,114,458.46	5,339,073.60	0.158112%	46,418.62	64,986.04	0.104275%	60,646.89	60,646.70	0.102025%	24,258.73	2,331,680.65	3,264,349.93	5,596,030.58
200900	200910	38,237.43	53,532.66	91,770.09	0.002718%			0.000000%			0.000000%		38,237.43	53,532.66	91,770.09

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
201100	950608	222,093.37	309,222.22	531,315.59	0.015734%			0.000000%			0.000000%		222,093.37	309,222.22	531,315.59
202100	197078	216.70	303.30	520.00	0.000015%			0.000000%			0.000000%		216.70	303.30	520.00
202100	202100	215,563.08	301,788.12	517,351.20	0.015321%	4,269.04	5,976.64	0.009590%			0.000000%		219,832.12	307,764.76	527,596.88
202100	202108	2,523,288.15	3,532,595.05	6,055,883.20	0.179339%	48,502.79	67,904.01	0.108957%	63,644.20	63,643.94	0.107067%	25,457.71	2,635,435.14	3,689,600.71	6,325,035.85
202100	950700	283,565.72	394,810.72	678,376.44	0.020089%			0.000000%			0.000000%		283,565.72	394,810.72	678,376.44
202110	202110	2,943.74	4,121.21	7,064.95	0.000209%			0.000000%			0.000000%		2,943.74	4,121.21	7,064.95
202120	202120	3,946.78	5,525.49	9,472.27	0.000281%			0.000000%			0.000000%		3,946.78	5,525.49	9,472.27
202300	202300	850,661.92	1,190,925.60	2,041,587.52	0.060460%	27,778.14	38,889.49	0.062401%	6,681.10	6,681.18	0.011240%	2,672.34	885,121.16	1,239,168.61	2,124,289.77
202300	202308	66,815.79	93,542.12	160,357.91	0.004749%			0.000000%			0.017099%	4,065.74	76,979.97	107,772.11	184,752.08
202300	602300	35,416.21	49,582.94	84,999.15	0.002517%	3,897.30	5,456.25	0.008755%	10,164.18	10,164.25	0.000000%		39,313.51	55,039.19	94,352.70
202300	950800	209,837.83	292,158.33	501,996.16	0.014866%			0.000000%			0.000000%		209,837.83	292,158.33	501,996.16
202320	202320	4,591.46	6,427.99	11,019.45	0.000326%			0.000000%			0.000000%		4,591.46	6,427.99	11,019.45
202500	197098	300.05	419.92	719.97	0.000021%			0.000000%			0.000000%		300.05	419.92	719.97
202500	202508	8,167,486.64	11,434,094.17	19,601,580.81	0.580483%	295,419.18	413,586.32	0.663633%	316,637.50	316,635.29	0.532670%	127,191.93	8,779,543.32	12,291,507.71	21,071,051.03
202500	950908	1,399,273.55	1,948,303.09	3,347,576.64	0.099135%			0.000000%			0.000000%	(364.80)	1,399,273.55	1,947,938.29	3,347,211.84
202900	197108	175.92	246.36	422.28	0.000013%			0.000000%			0.000000%		175.92	246.36	422.28
202900	202900	(130.58)	(182.82)	(313.40)	-0.000009%			0.000000%			0.000000%		(130.58)	(182.82)	(313.40)
202900	202908	1,224,149.02	1,713,804.22	2,937,953.24	0.087005%	23,300.94	32,621.47	0.052344%	13,432.84	13,432.81	0.022598%	5,373.14	1,260,882.80	1,765,231.64	3,026,114.44
202900	202910	10,263.15	14,368.43	24,631.58	0.000729%			0.000000%			0.000000%		10,263.15	14,368.43	24,631.58
202900	951008	162,309.43	225,985.30	388,294.73	0.011499%			0.000000%			0.000000%		162,309.43	225,985.30	388,294.73
203100	203100	192,576.99	269,606.84	462,183.83	0.013687%	1,431.00	2,003.40	0.003215%	6,505.57	6,505.56	0.010944%	2,602.23	200,513.56	280,718.03	481,231.59
203100	203108	948,091.64	1,327,326.30	2,275,417.94	0.067384%	16,638.35	23,293.66	0.037377%	17,576.01	17,576.04	0.029568%	7,030.47	982,306.00	1,375,226.47	2,357,532.47
203100	203110	3,170.15	4,438.21	7,608.36	0.000225%			0.000000%			0.000000%		3,170.15	4,438.21	7,608.36
203100	603108	54,529.44	76,341.00	130,870.44	0.003876%			0.000000%	4,806.68	4,806.61	0.008086%	1,922.71	59,336.12	83,070.32	142,406.44
203100	693228	52,399.36	73,358.91	125,758.27	0.003724%			0.000000%			0.000000%		52,399.36	73,358.91	125,758.27
203100	951108	173,310.44	241,300.95	414,611.39	0.012278%			0.000000%			0.000000%		173,310.44	241,300.95	414,611.39
203300	203300	-	-	-	0.000000%			0.000000%			0.000000%		-	-	-
203300	203308	3,953,290.48	5,534,601.66	9,487,892.14	0.280975%	116,929.03	163,700.93	0.262671%	98,124.33	98,124.10	0.165072%	39,249.45	4,168,343.84	5,835,676.14	10,004,019.98
203300	851208	-	-	-	0.000000%			0.000000%			0.000000%		-	-	-
203300	951208	1,088,123.24	1,515,024.64	2,603,147.88	0.077090%			0.000000%			0.000000%		1,088,123.24	1,515,024.64	2,603,147.88
203310	203310	19,411.76	27,176.45	46,588.21	0.001380%			0.000000%			0.000000%		19,411.76	27,176.45	46,588.21
203700	197130	291.78	408.49	700.27	0.000021%			0.000000%			0.000000%		291.78	408.49	700.27
203700	203700	-	-	-	0.000000%			0.000000%			0.000000%		-	-	-
203700	203708	5,659,654.45	7,923,510.47	13,583,164.92	0.402253%	185,899.89	260,259.78	0.417608%	232,670.77	232,671.33	0.391419%	93,067.81	6,078,225.11	8,509,509.39	14,587,734.50
203700	203720	986.31	1,380.85	2,367.16	0.000070%			0.000000%			0.000000%		986.31	1,380.85	2,367.16
203700	951308	870,182.96	1,211,562.08	2,081,745.04	0.061649%			0.000000%			0.000000%		870,182.96	1,211,562.08	2,081,745.04
203900	197148	204.00	285.60	489.60	0.000014%			0.000000%			0.000000%		204.00	285.60	489.60
203900	203908	1,250,930.39	1,751,300.35	3,002,230.74	0.088908%	16,083.16	22,516.37	0.036129%	41,529.28	41,529.19	0.069864%	16,611.67	1,308,542.83	1,831,957.58	3,140,500.41
203900	951408	213,906.43	297,824.03	511,730.46	0.015154%			0.000000%			0.000000%		213,906.43	297,824.03	511,730.46
204100	197158	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00
204100	204100	14,063.73	19,689.31	33,753.04	0.001000%			0.000000%			0.000000%		14,063.73	19,689.31	33,753.04
204100	204108	1,890,387.99	2,646,540.46	4,536,928.45	0.134357%	37,291.54	52,208.34	0.083772%	46,210.39	46,210.36	0.077739%	18,484.16	1,973,889.92	2,763,443.32	4,737,333.24
204100	204120	8,680.56	12,152.70	20,833.26	0.000617%			0.000000%			0.000000%		8,680.56	12,152.70	20,833.26
204100	204130	3,109.27	4,352.96	7,462.23	0.000221%			0.000000%			0.000000%		3,109.27	4,352.96	7,462.23
204100	604108	66,866.00	93,612.45	160,478.45	0.004752%	4,640.48	6,496.68	0.010424%	2,858.96	2,858.96	0.004810%	1,143.60	74,365.44	104,111.69	178,477.13
204100	951508	177,442.16	247,054.10	424,496.26	0.012571%			0.000000%			0.000000%		177,442.16	247,054.10	424,496.26
204500	197168	191.88	268.84	460.72	0.000014%			0.000000%			0.000000%		191.88	268.84	460.72
204500	204500	(175.20)	(245.28)	(420.48)	-0.000012%			0.000000%			0.000000%		(175.20)	(245.28)	(420.48)
204500	204508	1,324,555.98	1,854,379.83	3,178,935.81	0.094141%	45,157.25	63,220.15	0.101442%	43,661.10	43,660.87	0.073450%	17,464.44	1,413,374.33	1,978,725.29	3,392,099.62
204500	604508	43,284.93	60,599.05	103,883.98	0.003076%	3,850.24	5,390.28	0.008649%			0.000000%		47,135.17	65,989.33	113,124.50
204500	951608	303,017.08	421,895.52	724,912.60	0.021468%			0.000000%			0.000000%		303,017.08	421,895.52	724,912.60
204700	197178	206.04	288.37	494.41	0.000015%			0.000000%			0.000000%		206.04	288.37	494.41
204700	204708	1,144,780.69	1,602,691.63	2,747,472.32	0.081364%	40,912.10	57,276.95	0.091905%	45,454.15	45,454.13	0.076467%	18,181.43	1,231,146.94	1,723,604.14	2,954,751.08
204700	204710	17,679.52	24,751.39	42,430.91	0.001257%			0.000000%			0.000000%		17,679.52	24,751.39	42,430.91
204700	604708	101,268.98	141,776.17	243,045.15	0.007198%			0.000000%	7,161.85	7,161.79	0.012048%	2,864.72	108,430.83	151,802.68	260,233.51
204700	951708	115,029.82	160,156.84	275,186.66	0.008149%			0.000000%			0.000000%		115,029.82	160,156.84	275,186.66
206100	197198	224.03	313.56	537.59	0.000016%			0.000000%			0.000000%		224.03	313.56	537.59
206100	206108	1,256,637.89	1,759,291.79	3,015,929.68	0.089314%	41,372.13	57,920.95	0.092939%	30,130.84	30,131.00	0.050689%	12,052.20	1,328,140.86	1,859,395.94	3,187,536.80
206100	206110	4,459.37	6,243.07	10,702.44	0.000317%			0.000000%			0.000000%		4,459.37	6,243.07	10,702.44
206100	606108	89,135.88	124,790.10	213,925.98	0.006335%	10,599.23	14,838.95	0.023810%			0.000000%		99,735.11	139,629.05	239,364.16
206100	951908	247,708.31	344,886.57	592,594.88	0.017549%			0.000000%			0.000000%		247,708.31	344,886.57	592,594.88
206300	197208	198.13	277.18	475.31	0.000014%			0.000000%			0.000000%		198.13	277.18	475.31
206300	206308	1,172,127.28	1,640,975.80	2,813,103.08	0.083307%	28,470.24	39,858.42	0.063956%	34,858.07	34,858.07	0.058641%	13,943.17	1,235,455.59	1,729,635.46	2,965,091.05
206300	952008	142,197.65	197,982.54	340,180.19	0.010074%			0.000000%			0.000000%		142,197.65	197,982.54	340,180.19
206500	206500	43.73	61.23	104.96	0.000003%			0.000000%			0.000000%		43.73	61.23	104.96

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions	
206500	206508	4,807,267.30	6,730,167.83	11,537,435.13	0.341670%											
206500	606508	359,487.54	503,282.21	862,769.75	0.025550%	235,451.73	329,632.04	0.528921%	210,153.52	210,153.52	0.353537%	84,061.22	5,252,872.55	7,354,014.61	12,606,887.16	
206500	866508	33,710.69	47,194.98	80,905.67	0.002396%	12,511.92	17,516.65	0.028107%	20,873.59	20,873.54	0.035115%	8,349.46	392,873.05	550,021.86	942,894.91	
206500	952108	1,083,274.29	1,508,247.77	2,591,522.06	0.076746%	9,506.67	13,309.31	0.021356%			0.000000%		43,217.36	60,504.29	103,721.65	
206700	197228	273.97	383.64	657.61	0.000019%			0.000000%			0.000000%		1,083,274.29	1,508,247.77	2,591,522.06	
206700	206700	36,369.00	50,916.56	87,285.56	0.002585%			0.000000%			0.000000%		273.97	383.64	657.61	
206700	206708	2,894,284.91	4,051,993.74	6,946,278.65	0.205708%	52,735.11	73,829.11	0.118465%	43,275.49	43,275.62	0.072802%	17,310.33	2,990,295.51	4,186,408.80	7,176,704.31	
206700	606700	560,743.24	785,039.47	1,345,782.71	0.039854%	15,888.48	22,243.76	0.035692%	33,939.18	33,939.16	0.057095%	13,575.55	610,570.90	854,797.94	1,465,368.84	
206700	952200	341,619.52	475,639.48	817,259.00	0.024202%			0.000000%			0.000000%		341,619.52	475,639.48	817,259.00	
206700	952208	10,961.87	15,262.28	26,224.15	0.000777%			0.000000%			0.000000%		10,961.87	15,262.28	26,224.15	
206720	206720	12,769.76	17,877.53	30,647.29	0.000908%			0.000000%			0.000000%		12,769.76	17,877.53	30,647.29	
207100	197238	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00	
207100	207100	140,607.48	196,850.42	337,457.90	0.009994%	4,708.75	6,592.26	0.010578%			0.000000%		140,607.48	196,850.42	337,457.90	
207100	207108	3,296,579.45	4,615,207.40	7,911,786.85	0.234300%	84,763.24	118,668.47	0.190413%	128,159.74	128,159.87	0.215601%	51,263.51	3,509,502.43	4,913,299.25	8,422,801.68	
207100	207130	5,707.58	7,990.57	13,698.15	0.000406%			0.000000%			0.000000%		5,707.58	7,990.57	13,698.15	
207100	952308	871,112.85	1,212,857.66	2,083,970.51	0.061715%			0.000000%			0.000000%		871,112.85	1,212,857.66	2,083,970.51	
207300	207308	969,546.79	1,357,424.85	2,326,971.64	0.068911%	9,323.16	13,052.41	0.020944%	15,554.59	15,554.41	0.026167%	6,162.94	994,424.54	1,392,194.61	2,386,619.15	
207300	607308	179,608.49	251,451.96	431,060.45	0.012765%			0.000000%	480.47	480.46	0.000808%	192.20	180,088.96	252,124.62	432,213.58	
207300	952408	182,545.68	254,159.53	436,705.21	0.012933%			0.000000%			0.000000%		182,545.68	254,159.53	436,705.21	
207400	207408	1,777,298.95	2,488,213.77	4,265,512.72	0.126319%	18,610.13	26,054.10	0.041806%	106,181.01	106,180.95	0.178626%	42,472.41	1,902,090.09	2,662,921.23	4,565,011.32	
207500	197258	300.00	419.98	719.98	0.000021%			0.000000%			0.000000%		300.00	419.98	719.98	
207500	207500	202,786.96	283,900.69	486,687.65	0.014413%	1,393.65	1,951.14	0.003131%	20,491.60	20,491.53	0.034473%	8,196.54	224,672.21	314,539.90	539,212.11	
207500	207508	28,113,970.52	39,358,550.43	67,472,520.95	1.998136%	874,337.43	1,224,076.51	1.964129%	971,113.68	971,114.16	1.633687%	389,448.92	29,959,421.63	41,943,190.02	71,902,611.65	
207500	207520	1,089,858.14	1,525,801.59	2,615,659.73	0.077460%	29,638.23	41,493.54	0.066580%	46,835.80	46,835.86	0.078791%	18,734.13	1,166,332.17	1,632,865.12	2,799,197.29	
207500	952508	7,602,948.22	10,585,484.41	18,188,432.63	0.538633%			0.000000%			0.000000%	166.01	7,602,948.22	10,585,650.42	18,188,598.64	
207510	207518	84,122.14	117,770.99	201,893.13	0.005979%			0.000000%	7,261.88	7,261.89	0.012217%	2,904.74	91,384.02	127,937.62	219,321.64	
207550	207558	170,037.58	238,052.55	408,090.13	0.012085%			0.000000%			0.000000%		170,037.58	238,052.55	408,090.13	
208300	197268	204.10	285.60	489.70	0.000015%			0.000000%			0.000000%		204.10	285.60	489.70	
208300	208308	1,149,785.64	1,609,700.28	2,759,485.92	0.081720%	31,656.11	44,318.30	0.071112%	37,963.26	37,963.35	0.063865%	15,185.46	1,219,405.01	1,707,167.39	2,926,572.40	
208300	208320	22,834.69	31,969.25	54,803.94	0.001623%			0.000000%			0.000000%		22,834.69	31,969.25	54,803.94	
208300	608308	134,351.44	188,092.07	322,443.51	0.009549%	5,216.47	7,303.08	0.011718%	8,557.66	8,557.67	0.014396%	3,423.08	148,125.57	207,375.90	355,501.47	
208300	952608	152,905.61	212,891.39	365,797.00	0.010833%			0.000000%			0.000000%		152,905.61	212,891.39	365,797.00	
208500	197278	179.93	251.97	431.90	0.000013%			0.000000%			0.000000%		179.93	251.97	431.90	
208500	208500	-	-	-	0.000000%			0.000000%			0.000000%		-	-	-	
208500	208508	944,833.29	1,322,442.62	2,267,275.91	0.067143%	38,179.18	53,450.82	0.085766%	8,693.19	8,693.21	0.014624%	4,025.40	991,705.66	1,388,612.05	2,380,317.71	
208500	208518	115,999.09	162,399.00	278,398.09	0.008245%			0.000000%	6,488.49	6,488.56	0.010916%	2,595.41	122,487.58	171,482.97	293,970.55	
208500	208520	5,796.96	8,115.74	13,912.70	0.000412%			0.000000%			0.000000%		5,796.96	8,115.74	13,912.70	
208500	852708	25,779.34	39,043.65	64,822.99	0.001920%			0.000000%			0.000000%	(570.56)	25,779.34	38,473.09	64,252.43	
208500	952708	128,438.10	178,825.19	307,263.29	0.009099%			0.000000%			0.000000%		128,438.10	178,825.19	307,263.29	
208600	208608	56,635.09	79,289.10	135,924.19	0.004025%			0.000000%			0.000000%		56,635.09	79,289.10	135,924.19	
208700	208708	3,076,482.37	4,307,071.34	7,383,553.71	0.218657%	99,170.17	138,838.16	0.222777%	126,301.41	126,301.46	0.212475%	50,517.52	3,301,953.95	4,622,728.48	7,924,682.43	
208700	608708	98,747.34	138,245.91	236,993.25	0.007018%	5,801.12	8,121.59	0.013032%			0.000000%		98,747.34	138,245.91	236,993.25	
208700	852808	35,657.21	53,782.98	89,440.19	0.002649%			0.000000%			0.000000%		35,657.21	53,782.98	89,440.19	
208700	952808	558,060.54	776,992.32	1,335,052.86	0.039536%			0.000000%			0.000000%		558,060.54	776,992.32	1,335,052.86	
209100	197290	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00	
209100	209100	159,856.43	223,798.94	383,655.37	0.011362%	3,054.33	4,276.07	0.006861%	8,760.85	8,760.79	0.014738%	3,504.42	171,671.61	240,340.22	412,011.83	
209100	209108	4,203,150.46	5,884,411.56	10,087,562.02	0.298734%	84,360.51	118,104.82	0.189509%	63,840.84	63,840.94	0.107398%	25,536.19	4,351,351.81	6,091,893.51	10,443,245.32	
209100	209140	20,573.39	28,802.74	49,376.13	0.001462%			0.000000%			0.000000%		20,573.39	28,802.74	49,376.13	
209100	609108	277,543.67	388,561.48	666,105.15	0.019726%	17,786.99	24,901.71	0.039957%	8,643.90	8,643.85	0.014541%	3,457.63	303,974.56	425,564.67	729,539.23	
209100	852908	8,117.85	12,244.36	20,362.21	0.000603%			0.000000%			0.000000%		8,117.85	12,244.36	20,362.21	
209100	952908	692,228.73	963,794.97	1,656,023.70	0.049042%			0.000000%			0.000000%		692,228.73	963,794.97	1,656,023.70	
209300	197308	200.00	279.99	479.99	0.000014%			0.000000%			0.000000%		200.00	279.99	479.99	
209300	209300	3,167.63	4,434.70	7,602.33	0.000225%			0.000000%			0.000000%		3,167.63	4,434.70	7,602.33	
209300	209308	1,459,691.13	2,043,564.57	3,503,255.70	0.103746%	12,163.33	17,028.70	0.027324%	33,536.44	33,536.64	0.056418%	13,414.61	1,505,390.90	2,107,544.52	3,612,935.42	
209300	953008	213,619.57	297,425.19	511,044.76	0.015134%			0.000000%			0.000000%		213,619.57	297,425.19	511,044.76	
211100	197320	267.97	375.24	643.21	0.000019%			0.000000%			0.000000%		267.97	375.24	643.21	
211100	211108	1,775,525.11	2,485,733.57	4,261,258.68	0.126193%	70,273.20	98,382.45	0.157863%	46,407.76	46,407.33	0.078070%	18,563.17	1,892,206.07	2,649,086.52	4,541,292.59	
211100	211110	50,862.87	71,207.97	122,070.84	0.003615%			0.000000%	2,762.55	2,762.47	0.004647%	1,104.98	53,625.42	75,075.42	128,700.84	
211100	211120	4,626.67	6,477.29	11,103.96	0.000329%			0.000000%			0.000000%		4,626.67	6,477.29	11,103.96	
211100	611108	116,474.66	163,064.45	279,539.11	0.008278%	12,216.70	17,103.42	0.027444%	3,937.60	3,937.60	0.006624%	1,575.04	132,628.96	185,680.51	318,309.47	
211100	953208	331,540.21	461,605.62	793,145.83	0.023488%			0.000000%			0.000000%		331,540.21	461,605.62	793,145.83	
211300	197338	184.08	257.64	441.72	0.000013%			0.000000%			0.000000%		184.08	257.64	441.72	
211300	211308	1,126,936.50	1,577,704.64	2,704,641.14	0.080095%	20,963.61	29,348.95	0.047093%	18,976.71	18,976.90						

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions		
211300	953308	137,038.36	190,799.14	327,837.50	0.009709%												
211500	197340	117.32	164.24	281.56	0.000008%												
211500	211500	(20.29)	(24.42)	(44.71)	-0.000001%												
211500	211508	777,510.15	1,088,511.86	1,866,022.01	0.055261%	11,536.50	16,151.08	0.025916%	11,640.86	11,640.86	0.019583%	4,656.32	800,687.51	1,120,960.12	1,921,647.63		
211500	611508	44,971.37	62,959.79	107,931.16	0.003196%			0.000000%			0.000000%		44,971.37	62,959.79	107,931.16		
211500	853400	(68.54)	(140.49)	(209.03)	-0.000006%			0.000000%			0.000000%	(13.89)	(68.54)	(154.38)	(222.92)		
211500	953408	121,703.87	169,449.40	291,153.27	0.008622%			0.000000%			0.000000%		121,703.87	169,449.40	291,153.27		
211600	211600	450.00	630.00	1,080.00	0.000032%			0.000000%			0.000000%		450.00	630.00	1,080.00		
211900	197358	176.02	246.36	422.38	0.000013%			0.000000%			0.000000%		176.02	246.36	422.38		
211900	211908	809,644.88	1,133,503.63	1,943,148.51	0.057545%	19,517.99	27,325.36	0.043846%	34,750.69	34,750.81	0.058461%	13,900.22	863,913.56	1,209,480.02	2,073,393.58		
211900	211910	5,840.20	8,176.20	14,016.40	0.000415%			0.000000%			0.002731%	649.32	7,463.50	10,448.82	17,912.32		
211900	611908	159,435.05	223,209.61	382,644.66	0.011332%	2,231.78	3,124.48	0.005013%	8,206.67	8,206.69	0.013806%	3,282.67	169,873.50	237,823.45	407,696.95		
211900	953508	142,619.44	198,569.59	341,189.03	0.010104%			0.000000%			0.000000%		142,619.44	198,569.59	341,189.03		
212300	212300	339,090.68	474,725.61	813,816.29	0.024100%			0.000000%	1,934.60	1,934.56	0.003254%	773.83	341,025.28	477,434.00	818,459.28		
212300	212308	663,170.64	928,438.11	1,591,608.75	0.047134%	3,380.00	4,732.00	0.007593%	13,848.24	13,848.11	0.023296%	5,539.30	680,398.88	952,557.52	1,632,956.40		
212300	612308	51,752.63	72,453.44	124,206.07	0.003678%			0.000000%			0.000000%		51,752.63	72,453.44	124,206.07		
212300	953600	170,471.28	237,348.03	407,819.31	0.012077%			0.000000%			0.000000%		170,471.28	237,348.03	407,819.31		
212500	197370	171.25	239.61	410.86	0.000012%			0.000000%			0.000000%		171.25	239.61	410.86		
212500	212508	891,660.51	1,248,322.68	2,139,983.19	0.063374%	22,046.30	30,864.79	0.049525%	11,226.82	11,226.82	0.018887%	4,490.75	924,933.63	1,294,905.04	2,219,838.67		
212500	212510	3,894.03	5,451.63	9,345.66	0.000277%			0.000000%			0.000000%		3,894.03	5,451.63	9,345.66		
212500	612508	72,350.89	101,291.41	173,642.30	0.005142%	13,456.09	18,838.52	0.030228%			0.000000%		85,806.98	120,129.93	205,936.91		
212500	953708	167,813.00	233,648.07	401,461.07	0.011889%			0.000000%			0.000000%		167,813.00	233,648.07	401,461.07		
212600	212600	6,814.99	9,540.97	16,355.96	0.000484%			0.000000%			0.000000%		6,814.99	9,540.97	16,355.96		
212600	212608	1,189,367.91	1,665,112.03	2,854,479.94	0.084533%	28,710.33	40,194.35	0.064495%	15,617.00	15,616.98	0.026272%	6,246.80	1,233,695.24	1,727,170.16	2,960,865.40		
212700	197380	204.00	285.60	489.60	0.000014%			0.000000%			0.000000%		204.00	285.60	489.60		
212700	212700	344,359.77	482,102.73	826,462.50	0.024475%	12,056.51	16,879.07	0.027084%	8,868.34	8,868.37	0.014919%	3,547.30	365,284.62	511,397.47	876,682.09		
212700	212708	835,121.02	1,169,166.91	2,004,287.93	0.059355%	31,278.81	43,790.03	0.070265%	22,623.49	22,623.67	0.038059%	9,049.29	889,023.32	1,244,629.90	2,133,653.22		
212700	212810	148,061.04	207,285.25	355,346.29	0.010523%			0.000000%	8,822.39	8,822.37	0.014842%	3,528.95	156,883.43	219,636.57	376,520.00		
212700	612708	89,199.49	124,879.28	214,078.77	0.006340%	1,075.84	1,506.17	0.002417%			0.000000%		90,275.33	126,385.45	216,660.78		
212700	953808	211,314.81	294,215.56	505,530.37	0.014971%			0.000000%			0.000000%		211,314.81	294,215.56	505,530.37		
212900	197398	237.40	332.31	569.71	0.000017%			0.000000%			0.000000%		237.40	332.31	569.71		
212900	212908	1,424,005.80	1,993,444.93	3,417,450.73	0.101205%	45,638.98	63,894.66	0.102524%	52,721.07	52,721.23	0.088692%	21,251.03	1,522,365.85	2,131,311.85	3,653,677.70		
212900	212910	41,917.59	58,684.55	100,602.14	0.002979%			0.000000%			0.000000%		41,917.59	58,684.55	100,602.14		
212900	612908	98,571.70	138,001.15	236,572.85	0.007006%	5,808.40	8,131.83	0.013048%			0.000000%		104,380.10	146,132.98	250,513.08		
212900	953908	162,643.90	226,612.70	389,256.60	0.011527%			0.000000%			0.000000%	(162.62)	162,643.90	226,450.08	389,093.98		
213300	197400	187.64	262.78	450.42	0.000013%			0.000000%			0.000000%		187.64	262.78	450.42		
213300	213300	791,534.21	1,108,146.80	1,899,681.01	0.056257%	3,463.87	4,849.40	0.007781%	10,863.78	10,863.69	0.018276%	4,345.57	805,861.86	1,128,205.46	1,934,067.32		
213300	213308	221,334.59	309,868.20	531,202.79	0.015731%			0.000000%	7,815.08	7,815.08	0.013147%	3,125.99	229,149.67	320,809.27	549,958.94		
213300	613300	60,608.29	84,851.66	145,459.95	0.004308%			0.000000%	1,360.71	1,360.73	0.002289%	544.24	61,969.00	86,756.63	148,725.63		
213300	954000	73,263.79	102,005.53	175,269.32	0.005190%			0.000000%			0.000000%		73,263.79	102,005.53	175,269.32		
213500	213508	2,274,614.86	3,184,457.15	5,459,072.01	0.161665%	36,413.43	50,978.48	0.081799%	28,627.05	28,626.97	0.048159%	11,450.74	2,339,655.34	3,275,513.34	5,615,168.68		
213500	613508	86,974.25	121,763.72	208,737.97	0.006182%			0.000000%			0.000000%		86,974.25	121,763.72	208,737.97		
213500	954108	347,213.65	483,428.15	830,641.80	0.024599%			0.000000%			0.000000%		347,213.65	483,428.15	830,641.80		
213700	197428	239.64	335.55	575.19	0.000017%			0.000000%			0.000000%		239.64	335.55	575.19		
213700	213700	(14,881.04)	(19,689.86)	(34,570.90)	-0.001024%			0.000000%	(772.87)	(734.19)	-0.001235%	(1,196.18)	(15,653.91)	(21,620.23)	(37,274.14)		
213700	213708	1,570,075.50	2,198,102.71	3,768,178.21	0.111591%	51,107.94	71,551.23	0.114810%	55,652.10	55,651.91	0.093622%	22,260.65	1,676,835.54	2,347,566.50	4,024,402.04		
213700	613708	241,444.16	338,022.04	579,466.20	0.017160%	3,727.57	5,218.66	0.008374%	9,622.69	9,622.64	0.016188%	3,849.04	254,794.42	356,712.38	611,506.80		
213700	692350	16,104.82	20,936.31	37,041.13	0.001097%			0.000000%	772.87	734.19	0.001235%	1,958.18	16,877.69	23,628.68	40,506.37		
213700	854200	(1,342.06)	(1,728.44)	(3,070.50)	-0.000091%			0.000000%			0.000000%	(769.62)	(1,342.06)	(2,498.06)	(3,840.12)		
213700	854208				0.000000%			0.000000%			0.000000%						
213700	954208	350,893.96	488,551.12	839,445.08	0.024859%			0.000000%			0.000000%		350,893.96	488,551.12	839,445.08		
213900	197438	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00		
213900	213900	1,646.66	2,305.52	3,952.18	0.000117%			0.000000%			0.000000%		1,646.66	2,305.52	3,952.18		
213900	213908	7,897,540.54	11,056,548.27	18,954,088.81	0.561308%	262,631.88	367,684.06	0.589979%	207,950.78	207,950.48	0.349831%	83,180.06	8,368,123.20	11,715,362.87	20,083,486.07		
213900	954308	499,726.19	695,800.36	1,195,526.55	0.035404%			0.000000%			0.000000%		499,726.19	695,800.36	1,195,526.55		
214500	197448	243.88	341.62	585.50	0.000017%			0.000000%			0.000000%		243.88	341.62	585.50		
214500	214500	24,607.14	26,770.75	51,377.89	0.001522%			0.000000%			0.000000%	8,224.09	24,607.14	34,994.84	59,601.98		
214500	214508	1,602,717.95	2,243,780.35	3,846,498.30	0.113910%	25,838.43	36,173.69	0.058044%	6,850.12	6,850.12	0.011524%	2,765.11	1,635,406.50	2,289,569.27	3,924,975.77		
214500	214510	7,668.09	10,735.34	18,403.43	0.000545%			0.000000%			0.000000%		7,668.09	10,735.34	18,403.43		
214500	614508	47,013.65	65,819.22	112,832.87	0.003341%			0.000000%			0.000000%		47,013.65	65,819.22	112,832.87		
214500	854400	(70.83)	(97.29)	(168.12)	-0.000005%			0.000000%			0.000000%	(33.10)	(70.83)	(130.39)	(201.22)		
214500	954400	(29,592.60)	(36,337.37)	(65,929.97)	-0.001952%			0.000000%			0.000000%	(8,183.00)	(29,592.60)	(44,520.37)	(74,112.97)		
214500	954408	273,993.56	381,483.02	655,476.58	0.019411%			0.000000%			0.000000%		273,993.56	381,483.02	655,476.58		
214700	197450	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00		
214700	214708	4,256,321.82	5,958,851.98	10,215,173.80	0.302513%	95,426.92	133,597.82	0.214368%	137,836.52	137,836.64	0.231880%	55,134.60	4,489,585.26	6,285,421.04	10,775,006.30		

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
214700	614700		(0.01)	(0.01)	0.000000%							0.01			
214700	614708	278,589.22	390,025.43	668,614.65	0.019800%	19,241.92	26,938.71	0.043225%				2,732.32	304,661.86	426,527.18	731,189.04
214700	954508	882,261.13	1,228,396.58	2,110,657.71	0.062505%			0.000000%					882,261.13	1,228,396.58	2,110,657.71
214710	214710	3,024.55	4,234.38	7,258.93	0.000215%			0.000000%					3,024.55	4,234.38	7,258.93
214900	197468	140.00	196.00	336.00	0.000010%			0.000000%					140.00	196.00	336.00
214900	214900	400,106.52	560,146.66	960,253.18	0.028437%	12,068.75	16,896.22	0.027111%	11,915.65	11,915.63	0.020045%	4,766.27	424,090.92	593,724.78	1,017,815.70
214900	214908	1,244,578.53	1,742,408.17	2,986,986.70	0.088457%	53,401.33	74,761.91	0.119962%	40,862.68	40,862.39	0.068742%	16,345.15	1,338,842.54	1,874,377.62	3,213,220.16
214900	214930	19,595.84	27,434.20	47,030.04	0.001393%			0.000000%	91.35	91.36	0.000154%	36.52	19,687.19	27,562.08	47,249.27
214900	614908	85,330.55	119,462.69	204,793.24	0.006065%			0.000000%	5,803.01	5,802.95	0.009762%	2,321.14	91,133.56	127,586.78	218,720.34
214900	954608	249,079.76	346,794.91	595,874.67	0.017646%			0.000000%			0.000000%		249,079.76	346,794.91	595,874.67
215100	197478	300.05	420.03	720.08	0.000021%			0.000000%			0.000000%		300.05	420.03	720.08
215100	215100	53.15	74.41	127.56	0.000004%			0.000000%			0.000000%		53.15	74.41	127.56
215100	215108	7,884,341.95	11,038,068.35	18,922,410.30	0.560370%	215,988.57	302,383.40	0.485199%	242,795.20	242,795.08	0.408450%	97,117.79	8,343,125.72	11,680,364.62	20,023,490.34
215100	615108	556,436.56	779,011.22	1,335,447.78	0.039548%	6,738.11	9,433.31	0.015137%	23,607.52	23,607.54	0.039715%	9,443.00	586,782.19	821,495.07	1,408,277.26
215100	954708	588,249.07	819,023.98	1,407,273.05	0.041675%			0.000000%			0.000000%		588,249.07	819,023.98	1,407,273.05
215300	215308	2,103,977.06	2,945,562.19	5,049,539.25	0.149537%	40,507.89	56,711.05	0.090997%	99,436.75	99,437.00	0.167281%	39,774.22	2,243,921.70	3,141,484.46	5,385,406.16
215500	197488	299.25	418.85	718.10	0.000021%			0.000000%			0.000000%		299.25	418.85	718.10
215500	215500	74,858.84	104,802.21	179,661.05	0.005320%	2,427.97	3,399.16	0.005454%	6,460.84	6,460.91	0.010869%	2,584.32	83,747.65	117,246.60	200,994.25
215500	215508	13,232,936.55	18,526,094.43	31,759,030.98	0.940514%	425,824.50	596,152.98	0.956576%	417,121.63	417,121.93	0.701717%	166,848.20	14,075,882.68	19,706,217.54	33,782,100.22
215500	215510	18,371.68	25,720.40	44,092.08	0.001306%			0.000000%			0.000000%		18,371.68	25,720.40	44,092.08
215500	615508	546,737.90	765,433.29	1,312,171.19	0.038859%	36,582.05	51,214.84	0.082178%	33,390.06	33,390.09	0.056172%	13,356.05	616,710.01	863,394.27	1,480,104.28
215500	954808	2,235,569.63	3,112,598.07	5,348,167.70	0.158381%			0.000000%			0.000000%		2,235,569.63	3,112,598.07	5,348,167.70
216500	197498		-	-	0.000000%			0.000000%			0.000347%	82.32	205.92	288.36	494.28
216500	216500	606,656.24	853,990.01	1,460,646.25	0.043256%	30,592.50	42,829.46	0.068723%	15,243.93	15,243.95	0.025645%	235.06	652,492.67	912,298.48	1,564,791.15
216500	216508	568,928.98	796,500.45	1,365,429.43	0.040436%	18,735.72	26,229.89	0.042088%	14,407.94	14,407.96	0.024238%	5,763.17	602,072.64	842,901.47	1,444,974.11
216500	616508	76,765.20	107,471.28	184,236.48	0.005456%	8,264.66	11,570.50	0.018566%	11,953.73	11,953.72	0.020110%	4,781.51	96,983.59	135,777.01	232,760.60
216500	854900	10,432.32	11,883.87	22,316.19	0.000661%			0.000000%			0.000000%		10,432.32	11,883.87	22,316.19
216500	954900	253,422.53	352,680.79	606,103.32	0.017949%			0.000000%			0.000000%		253,422.53	352,680.79	606,103.32
216700	197500		-	-	0.000000%			0.000000%			0.000505%	419.86	300.04	419.90	719.94
216700	216708	6,064,125.87	8,489,814.60	14,553,940.47	0.431001%	138,971.47	194,560.20	0.312188%	162,659.00	162,658.92	0.273638%	65,018.51	6,365,756.34	8,912,052.23	15,277,808.57
216700	955008	1,556,856.68	2,167,629.41	3,724,486.09	0.110297%			0.000000%			0.000000%		1,556,856.68	2,167,629.41	3,724,486.09
217700	197510	252.00	352.80	604.80	0.000018%			0.000000%			0.000000%		252.00	352.80	604.80
217700	217708	2,058,723.29	2,882,210.33	4,940,933.62	0.146321%	60,319.13	84,446.75	0.135502%	53,890.16	53,890.14	0.090658%	21,556.02	2,172,932.58	3,042,103.24	5,215,035.82
217700	217710	11,181.25	15,653.71	26,834.96	0.000795%			0.000000%			0.000000%		11,181.25	15,653.71	26,834.96
217700	217730	4,441.35	6,217.86	10,659.21	0.000316%			0.000000%			0.000000%		4,441.35	6,217.86	10,659.21
217700	617708	101,646.42	142,304.83	243,951.25	0.007224%			0.000000%			0.000000%		101,646.42	142,304.83	243,951.25
217700	955108	252,189.27	351,124.57	603,313.84	0.017867%			0.000000%			0.000000%		252,189.27	351,124.57	603,313.84
217900	197528	300.05	420.03	720.08	0.000021%			0.000000%			0.000000%		300.05	420.03	720.08
217900	217908	4,326,308.82	6,056,819.74	10,383,128.56	0.307487%	171,742.34	240,439.05	0.385804%	127,453.51	127,452.80	0.214411%	50,981.08	4,625,504.67	6,475,692.67	11,101,197.34
217900	617908	370,777.00	519,087.98	889,864.98	0.026353%	46,415.93	64,982.25	0.104269%	10,513.77	10,513.77	0.017687%	4,205.56	427,706.70	598,789.56	1,026,496.26
217900	855208	87.36	120.42	207.78	0.000006%			0.000000%			0.000000%		87.36	120.42	207.78
217900	955208	586,685.31	816,848.74	1,403,534.05	0.041564%			0.000000%			0.000000%	(41.73)	586,685.31	816,807.01	1,403,492.32
218100	197538	165.96	232.44	398.40	0.000012%			0.000000%			0.000000%		165.96	232.44	398.40
218100	218100	11,799.36	13,390.66	25,190.02	0.000746%			0.000000%			0.000000%	3,128.41	11,799.36	16,519.07	28,318.43
218100	218108	797,274.10	1,116,181.72	1,913,455.82	0.056665%	3,845.76	5,384.08	0.008639%	13,246.60	13,246.56	0.022284%	5,298.62	814,366.46	1,140,110.98	1,954,477.44
218100	218110	1,456.73	2,039.43	3,496.16	0.000104%			0.000000%			0.000000%		1,456.73	2,039.43	3,496.16
218100	618108	61,861.69	86,606.49	148,468.18	0.004397%			0.000000%			0.000000%		61,861.69	86,606.49	148,468.18
218100	955300	(13,524.85)	(16,796.22)	(30,321.07)	-0.000898%			0.000000%			0.000000%	(3,128.39)	(13,524.85)	(19,924.61)	(33,449.46)
218100	955308	95,979.24	133,632.69	229,611.93	0.006800%			0.000000%			0.000000%		95,979.24	133,632.69	229,611.93
218300	197548	200.04	279.96	480.00	0.000014%			0.000000%			0.000000%		200.04	279.96	480.00
218300	218300	9,862.24	13,806.84	23,669.08	0.000701%			0.000000%			0.000000%		9,862.24	13,806.84	23,669.08
218300	218308	1,096,267.84	1,534,759.57	2,631,027.41	0.077915%	59,497.48	83,296.29	0.133656%	29,553.83	29,554.22	0.049719%	11,837.49	1,185,319.15	1,659,447.57	2,844,766.72
218300	218320	23,125.40	32,375.69	55,501.09	0.001644%			0.000000%			0.000000%		23,125.40	32,375.69	55,501.09
218300	618308	58,709.02	82,192.46	140,901.48	0.004173%	5,887.67	8,242.74	0.013226%			0.000000%		58,709.02	82,192.46	140,901.48
218300	955408	165,534.05	230,488.73	396,022.78	0.011728%			0.000000%			0.000000%	(16.10)	165,534.05	230,472.63	396,006.68
218500	197558	300.04	420.02	720.06	0.000021%			0.000000%			0.000000%		300.04	420.02	720.06
218500	218508	2,841,572.08	3,978,192.92	6,819,765.00	0.201961%	63,641.86	89,098.55	0.142966%	113,571.49	113,571.46	0.191059%	45,428.46	3,018,785.43	4,226,291.39	7,245,076.82
218500	218510	29,046.99	40,665.75	69,712.74	0.002064%			0.000000%			0.000000%		29,046.99	40,665.75	69,712.74
218500	618508	186,352.79	260,893.21	447											

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
219500	955608	189,327.23	263,730.69	453,057.92	0.013417%			0.000000%				(129.22)	189,327.23	263,601.47	452,928.70
220100	197578	300.00	420.00	720.00	0.000021%			0.000000%					300.00	420.00	720.00
220100	220108	17,750,002.59	24,849,738.51	42,599,741.10	1.261552%	618,286.22	865,600.93	1.388927%	772,869.31	772,869.73	1.300184%	309,518.62	19,141,158.12	26,797,727.79	45,938,885.91
220100	220110	23,633.27	33,086.49	56,719.76	0.001680%			0.000000%					23,633.27	33,086.49	56,719.76
220100	620108	1,402,320.04	1,963,249.31	3,365,569.35	0.099668%	101,737.55	142,432.55	0.228545%	68,954.56	68,954.54	0.116001%	27,581.81	1,573,012.15	2,202,218.21	3,775,230.36
220100	693698	178,913.47	250,478.97	429,392.44	0.012716%			0.000000%	23,776.48	23,776.48	0.039999%	9,510.60	202,689.95	283,766.05	486,456.00
220100	855708	(74.89)	(104.02)	(178.91)	-0.000005%			0.000000%				(34.95)	(74.89)	(138.97)	(213.86)
220100	880528	(522.22)	(725.30)	(1,247.52)	-0.000037%			0.000000%				(243.71)	(522.22)	(969.01)	(1,491.23)
220100	955708	2,217,229.34	3,086,143.54	5,303,372.88	0.157054%			0.000000%				925.20	2,217,229.34	3,087,068.74	5,304,298.08
220300	220308	3,340,092.10	4,676,119.19	8,016,211.29	0.237393%	201,231.37	281,723.29	0.452048%	263,227.25	263,226.63	0.442821%	105,291.00	3,804,550.72	5,326,360.11	9,130,910.83
220300	958938	135,635.25	188,846.22	324,481.47	0.009609%			0.000000%					135,635.25	188,846.22	324,481.47
221100	197580	120.00	168.00	288.00	0.000009%			0.000000%					120.00	168.00	288.00
221100	221100	341,729.64	478,421.82	820,151.46	0.024288%			0.000000%	2,650.85	2,651.00	0.004460%	1,060.21	344,380.49	482,133.03	826,513.52
221100	221108	195,959.24	274,342.83	470,302.07	0.013928%	6,679.07	9,350.68	0.015004%	3,293.38	3,293.39	0.005540%	1,317.33	205,931.69	288,304.23	494,235.92
221100	621100	21,302.21	29,823.10	51,125.31	0.001514%			0.000000%					21,302.21	29,823.10	51,125.31
221100	955800	65,947.27	91,818.80	157,766.07	0.004672%			0.000000%					65,947.27	91,818.80	157,766.07
221300	197598	189.68	265.56	455.24	0.000013%			0.000000%					189.68	265.56	455.24
221300	221308	1,039,533.91	1,455,347.68	2,494,881.59	0.073884%	24,327.55	34,058.64	0.054650%	24,392.71	24,392.74	0.041035%	9,757.04	1,088,254.17	1,523,556.10	2,611,810.27
221300	621308	59,490.57	83,286.92	142,777.49	0.004228%			0.000000%	3,359.20	3,359.20	0.005651%	1,343.68	62,849.77	87,989.80	150,839.57
221300	955908	181,295.79	252,419.45	433,715.24	0.012844%			0.000000%					181,295.79	252,419.45	433,715.24
221400	221408	679,773.82	951,679.91	1,631,453.73	0.048314%	18,923.44	26,492.75	0.042510%	13,152.14	13,152.12	0.022126%	5,260.82	711,849.40	996,585.60	1,708,435.00
221500	197608	289.95	405.86	695.81	0.000021%			0.000000%					289.95	405.86	695.81
221500	221508	2,676,051.90	3,746,468.58	6,422,520.48	0.190197%	53,777.14	75,288.05	0.120806%	65,324.68	65,324.53	0.109894%	26,129.86	2,795,153.72	3,913,211.02	6,708,364.74
221500	621508	279,044.36	390,659.70	669,704.06	0.019833%	3,863.86	5,409.24	0.008680%	21,158.00	21,157.91	0.035594%	8,463.22	304,066.22	425,690.07	729,756.29
221500	861508	43,910.88	61,475.26	105,386.14	0.003121%			0.000000%					43,910.88	61,475.26	105,386.14
221500	956008	526,196.17	732,629.51	1,258,825.68	0.037279%			0.000000%					526,196.17	732,629.51	1,258,825.68
221900	197610	120.00	168.00	288.00	0.000009%			0.000000%					120.00	168.00	288.00
221900	221900	127,173.89	178,043.45	305,217.34	0.009039%	3,421.60	4,790.24	0.007686%	4,497.40	4,497.30	0.007566%	1,798.94	135,092.89	189,129.93	324,222.82
221900	221908	353,167.47	494,434.43	847,601.90	0.025101%	2,999.98	4,199.96	0.006739%	962.18	962.18	0.001619%	384.87	357,129.63	499,981.44	857,111.07
221900	621908	100,628.35	140,879.66	241,508.01	0.007152%	9,038.84	12,654.36	0.020305%	2,544.23	2,544.15	0.004280%	1,017.61	112,211.42	157,095.78	269,307.20
221900	956100	80,946.89	112,702.72	193,649.61	0.005735%			0.000000%					80,946.89	112,702.72	193,649.61
222100	197628	37.82	52.93	90.75	0.000003%			0.000000%	162.22	162.22	0.000273%	64.82	200.04	279.97	480.01
222100	222108	1,873,821.19	2,623,392.56	4,497,213.75	0.133181%	68,445.72	95,823.71	0.153757%	61,503.38	61,503.57	0.103466%	24,552.42	2,003,770.29	2,805,272.26	4,809,042.55
222100	622108	77,867.95	109,014.95	186,882.90	0.005534%	7,233.10	10,126.32	0.016248%					77,867.95	109,014.95	186,882.90
222100	956208	322,337.21	448,792.21	771,129.42	0.022836%			0.000000%					322,337.21	448,792.21	771,129.42
222200	207120	2,211.37	3,095.91	5,307.28	0.000157%			0.000000%					2,211.37	3,095.91	5,307.28
222200	225520	2,698.79	3,778.31	6,477.10	0.000192%			0.000000%					2,698.79	3,778.31	6,477.10
222300	197638	152.00	212.80	364.80	0.000011%			0.000000%					152.00	212.80	364.80
222300	222308	503,371.94	704,719.46	1,208,091.40	0.035777%	10,942.88	15,320.03	0.024582%	8,674.67	8,674.65	0.014593%	3,469.90	522,989.49	732,184.04	1,255,173.53
222300	222310	5,657.31	7,920.23	13,577.54	0.000402%			0.000000%					5,657.31	7,920.23	13,577.54
222300	622308	29,400.04	41,159.91	70,559.95	0.002090%			0.000000%					29,400.04	41,159.91	70,559.95
222300	956308	162,875.09	226,772.43	389,647.52	0.011539%			0.000000%					162,875.09	226,772.43	389,647.52
222400	222408	826,705.12	1,157,387.12	1,984,092.24	0.058757%	49,472.36	69,261.29	0.111135%	60,735.89	60,736.01	0.102175%	24,294.27	936,913.37	1,311,678.69	2,248,592.06
222500	197648	192.00	268.80	460.80	0.000014%			0.000000%					192.00	268.80	460.80
222500	222508	1,320,008.10	1,848,006.85	3,168,014.95	0.093818%	33,590.81	47,027.19	0.075459%	19,115.27	19,115.21	0.032157%	7,646.14	1,372,714.18	1,921,795.39	3,294,509.57
222500	222510	2,684.53	3,758.36	6,442.89	0.000191%			0.000000%					2,684.53	3,758.36	6,442.89
222500	622508	59,117.90	82,764.98	141,882.88	0.004202%			0.000000%					59,117.90	82,764.98	141,882.88
222500	956408	81,017.26	112,800.92	193,818.18	0.005740%			0.000000%					81,017.26	112,800.92	193,818.18
222700	197658	231.36	324.00	555.36	0.000016%			0.000000%					231.36	324.00	555.36
222700	222708	1,365,972.60	1,912,360.43	3,278,333.03	0.097085%	60,264.10	84,369.80	0.135378%	22,549.10	22,548.97	0.037934%	9,019.52	1,448,785.80	2,028,298.72	3,477,084.52
222700	956508	231,107.88	321,773.29	552,881.17	0.016373%			0.000000%					231,107.88	321,773.29	552,881.17
222710	222710	3,453.88	4,835.40	8,289.28	0.000245%			0.000000%					3,453.88	4,835.40	8,289.28
222800	222808	538,628.20	753,704.49	1,292,332.69	0.038271%	26,054.85	36,476.80	0.058530%	24,448.74	24,448.68	0.041130%	10,152.36	589,131.79	824,782.33	1,413,914.12
222820	222820	724,927.95	1,014,897.58	1,739,825.53	0.051523%	41,343.84	57,881.28	0.092875%	40,288.58	40,288.52	0.067777%	16,115.33	806,560.37	1,129,182.71	1,935,743.08
222900	197660	173.67	243.09	416.76	0.000012%			0.000000%					173.67	243.09	416.76
222900	222900	188,070.96	263,299.62	451,370.58	0.013367%	14.78	20.70	0.000033%	350.00	350.00	0.000589%	140.00	188,435.74	263,810.32	452,246.06
222900	222908	767,128.13	1,073,978.65	1,841,106.78	0.054523%	13,263.57	18,569.02	0.029795%	3,790.16	3,790.16	0.006376%	1,516.08	784,181.86	1,097,853.91	1,882,035.77
222900	222910	5,269.92	7,377.89	12,647.81	0.000375%			0.000000%					5,269.92	7,377.89	12,647.81
222900	622900	30,696.60	42,975.24	73,671.84	0.002182%	3,328.00	4,659.20	0.007476%	1,445.60	1,445.60	0.002432%	578.24	35,470.20	49,658.28	85,128.48
222900	956608	119,037.60	165,737.32	284,774.92	0.008433%			0.000000%					119,037.60	165,737.32	284,774.92
223100	197678	300.00	420.00	720.00	0.000021%			0.000000%					300.00	420.00	720.00
223100	223100	582,046.46	814,863.19	1,396,909.65	0.041368%	11,436.59	16,011.24	0.025691%	9,662.49	9,662.47	0.016255%	3,865.00	603,145.54	844,401.90	1,447,547.44
223100	223108	3,731,922.26	5,224,690.40	8,956,612.66	0.265242%	99,569.62	139,397.65	0.223675%	97,857.97	97,858.07	0.164625%	39,143.02	3,929,349.85	5,501,089.14	9,430,438.99
223100	623108	173,975.46	243,565.94	417,541.40	0.012365%	720.16	1,008.22	0.001618%					174,695.62	244,574.16	419,269.78
223100	956700	449,671.34	626,079.50	1,075,750.84	0.0										

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
223110	223110	-	-	-	0.000000%	-	-	0.011940%	-	-	0.000000%	-	-	-	-	-	-
223120	223120	10,626.31	14,876.84	25,503.15	0.000755%	5,315.08	7,441.18	0.000000%	-	-	0.000000%	-	-	5,315.08	7,441.18	12,756.26	
224100	197680	211.91	296.58	508.49	0.000015%	-	-	0.000000%	-	-	0.000000%	-	-	211.91	296.58	508.49	
224100	224100	193,195.45	270,473.17	463,668.62	0.013731%	-	-	0.000000%	-	-	0.000000%	-	-	193,195.45	270,473.17	463,668.62	
224100	224108	758,086.45	1,061,320.92	1,819,407.37	0.053880%	38,414.27	53,779.93	0.086294%	4,351.72	4,351.71	0.007321%	1,740.66	197,547.17	276,565.54	474,112.71		
224100	224120	19,260.02	26,964.00	46,224.02	0.001369%	-	-	0.000000%	39,023.47	39,023.45	0.065648%	15,609.42	835,524.19	1,169,733.72	2,005,257.91		
224100	624108	57,760.17	80,864.07	138,624.24	0.004105%	4,992.00	6,988.80	0.011214%	7,700.16	7,700.16	0.012954%	3,080.08	70,452.33	98,633.11	169,085.44		
224100	956800	131,984.26	183,762.49	315,746.75	0.009351%	-	-	0.000000%	-	-	0.000000%	-	131,984.26	183,762.49	315,746.75		
224300	197698	188.04	263.17	451.21	0.000013%	-	-	0.000000%	-	-	0.000000%	-	188.04	263.17	451.21		
224300	224308	801,425.94	1,122,649.96	1,924,075.90	0.056980%	23,431.79	32,804.51	0.052637%	40,364.21	40,364.46	0.067904%	15,491.04	865,221.94	1,211,309.97	2,076,531.91		
224300	224310	30,163.92	42,229.46	72,393.38	0.002144%	-	-	0.000000%	-	-	0.000000%	-	30,163.92	42,229.46	72,393.38		
224300	224320	48,151.21	67,411.54	115,562.75	0.003422%	-	-	0.017978%	8,003.02	11,204.21	0.002487%	591.27	57,632.41	80,685.21	138,317.62		
224300	624308	253,906.52	355,468.88	609,375.40	0.018046%	9,907.49	13,870.47	0.022256%	14,971.70	14,971.64	0.025187%	5,988.61	278,785.71	390,299.60	669,085.31		
224300	956908	177,558.02	252,176.04	429,734.06	0.012726%	-	-	0.000000%	-	-	0.000000%	(2,029.33)	177,558.02	250,146.71	427,704.73		
224500	197708	300.07	420.01	720.08	0.000021%	-	-	0.000000%	-	-	0.000000%	-	300.07	420.01	720.08		
224500	224508	2,935,971.25	4,110,360.29	7,046,331.54	0.208671%	96,083.25	134,516.57	0.215843%	60,743.34	60,743.30	0.102187%	24,297.30	3,092,797.84	4,329,917.46	7,422,715.30		
224500	224520	117,602.50	164,643.53	282,246.03	0.008358%	-	-	0.000000%	-	-	0.000000%	-	117,602.50	164,643.53	282,246.03		
224500	624508	273,266.71	382,573.22	655,839.93	0.019422%	1,327.11	1,857.95	0.002981%	11,642.90	11,642.89	0.019587%	4,657.17	286,236.72	400,731.23	686,967.95		
224500	864508	725,931.00	1,016,303.75	1,742,234.75	0.051595%	21,657.70	30,320.67	0.048652%	8,163.24	8,163.20	0.013733%	3,265.34	755,751.94	1,058,052.96	1,813,804.90		
224500	957008	350,042.07	487,366.29	837,408.36	0.024799%	-	-	0.000000%	-	-	0.000000%	-	350,042.07	487,366.29	837,408.36		
224900	197710	276.12	386.38	662.50	0.000020%	-	-	0.000000%	-	-	0.000000%	-	276.12	386.38	662.50		
224900	224900	1,663,582.17	2,329,016.01	3,992,598.18	0.118237%	24,096.86	33,735.63	0.054132%	16,066.25	16,066.24	0.027028%	6,426.54	1,703,745.28	2,385,244.42	4,088,989.70		
224900	224908	58,855.44	82,397.60	141,253.04	0.004183%	11,351.56	15,892.18	0.025500%	7,926.40	7,926.40	0.013334%	3,170.54	78,133.40	109,386.72	187,520.12		
224900	224920	22,894.03	32,051.57	54,945.60	0.001627%	-	-	0.000000%	-	-	0.002091%	497.28	24,137.22	33,792.04	57,929.26		
224900	624908	138,960.97	194,545.27	333,506.24	0.009876%	3,949.71	5,529.61	0.008873%	348.80	348.80	0.000587%	139.51	143,259.48	200,563.19	343,822.67		
224900	693460	660,984.92	925,378.16	1,586,363.08	0.046979%	8,277.90	11,589.04	0.018596%	-	-	0.000000%	-	660,984.92	936,967.20	1,606,230.02		
224900	957100	221,063.34	307,788.07	528,851.41	0.015661%	-	-	0.000000%	-	-	0.000000%	-	221,063.34	307,788.07	528,851.41		
225100	197720	-	-	-	0.000000%	-	-	0.000000%	239.46	239.46	0.000403%	95.80	239.46	335.26	574.72		
225100	225100	1,022,094.73	1,430,932.25	2,453,026.98	0.072644%	38,380.01	53,731.92	0.086217%	36,183.14	36,183.39	0.060871%	14,472.99	1,096,657.88	1,535,320.55	2,631,978.43		
225100	225108	856,625.83	1,199,191.86	2,055,817.69	0.060881%	26,476.06	37,066.46	0.059476%	16,966.77	16,966.95	0.028543%	6,897.55	900,068.66	1,260,122.82	2,160,191.48		
225100	625108	120,443.99	168,621.23	289,065.22	0.008560%	-	-	0.000000%	-	-	0.000000%	-	120,443.99	168,621.23	289,065.22		
225100	957200	187,832.57	261,520.79	449,353.36	0.013307%	-	-	0.000000%	-	-	0.000000%	-	187,832.57	261,520.79	449,353.36		
225100	957208	110,111.80	153,309.54	263,421.34	0.007801%	-	-	0.000000%	-	-	0.000000%	-	110,111.80	153,309.54	263,421.34		
225500	197738	278.03	389.16	667.19	0.000020%	-	-	0.000000%	-	-	0.000000%	-	278.03	389.16	667.19		
225500	225508	2,334,619.13	3,268,611.67	5,603,230.80	0.165934%	31,569.34	44,197.04	0.070918%	13,184.66	13,184.68	0.022180%	5,130.28	2,379,373.13	3,331,123.67	5,710,496.80		
225500	225510	10,966.43	15,352.92	26,319.35	0.000779%	3,584.28	5,017.99	0.008052%	-	-	0.000000%	-	14,550.71	20,370.91	34,921.62		
225500	625508	41,912.31	58,677.15	100,589.46	0.002979%	6,416.98	8,983.84	0.014415%	-	-	0.000000%	-	48,329.29	67,660.99	115,990.28		
225500	957308	260,700.98	362,982.33	623,683.31	0.018470%	-	-	0.000000%	-	-	0.000000%	(15.06)	260,700.98	362,967.27	623,668.25		
226100	197748	231.96	324.84	556.80	0.000016%	-	-	0.000000%	-	-	0.000000%	-	231.96	324.84	556.80		
226100	226100	(58.42)	(81.78)	(140.20)	-0.000004%	-	-	0.000000%	-	-	0.000000%	-	(58.42)	(81.78)	(140.20)		
226100	226108	1,659,036.88	2,322,652.44	3,981,689.32	0.117914%	46,574.04	65,203.61	0.104624%	48,434.62	48,434.74	0.081481%	19,373.60	1,754,045.54	2,455,664.39	4,209,709.93		
226100	626108	105,540.68	147,757.94	253,298.62	0.007501%	-	-	0.000000%	-	-	0.000000%	-	105,540.68	147,757.94	253,298.62		
226100	957408	224,867.74	313,084.81	537,952.55	0.015931%	-	-	0.000000%	-	-	0.000000%	-	224,867.74	313,084.81	537,952.55		
226500	197758	-	-	-	0.000000%	-	-	0.000000%	218.04	218.04	0.000367%	87.12	218.04	305.16	523.20		
226500	226508	1,680,318.55	2,352,439.83	4,032,758.38	0.119426%	48,841.68	68,377.87	0.109718%	58,895.65	58,895.75	0.099079%	23,557.85	1,788,055.88	2,503,271.30	4,291,327.18		
226500	226520	4,221.94	5,910.71	10,132.65	0.000300%	-	-	0.000000%	-	-	0.000000%	-	4,221.94	5,910.71	10,132.65		
226500	957508	308,732.87	429,853.11	738,585.98	0.021873%	-	-	0.000000%	-	-	0.000000%	-	308,732.87	429,853.11	738,585.98		
227100	197760	-	-	-	0.000000%	-	-	0.000000%	288.50	288.50	0.000485%	115.25	288.50	403.75	692.25		
227100	227100	2,368,552.78	3,315,984.19	5,684,536.97	0.168342%	68,482.64	95,875.81	0.153840%	64,063.20	64,064.09	0.107774%	25,606.55	2,501,098.62	3,501,530.64	6,002,629.26		
227100	227108	5,974,746.29	8,364,651.39	14,339,397.68	0.424648%	187,521.40	262,530.15	0.421251%	200,362.15	200,362.38	0.337066%	80,143.23	6,362,629.84	8,907,687.15	15,270,316.99		
227100	227130	13,450.31	18,830.33	32,280.64	0.000956%	-	-	0.000000%	-	-	0.000000%	-	13,450.31	18,830.33	32,280.64		
227100	857600	(215,066.64)	(298,892.51)	(513,959.15)	-0.015220%	-	-	0.000000%	-	-	0.000000%	(37,609.12)	(215,066.64)	(336,501.63)	(551,568.27)		
227100	957600	1,012,549.36	1,409,196.09	2,421,745.45	0.071718%	-	-	0.000000%	-	-	0.000000%	37,626.81	1,012,549.36	1,446,822.90	2,459,372.26		
227100	957608	228,979.89	318,810.31	547,790.20	0.016222%	-	-	0.000000%	-	-	0.000000%	-	228,979.89	318,810.31	547,790.20		
227500	197778	300.00	420.00	720.00	0.000021%	-	-	0.000000%	-	-	0.000000%	-	300.00	420.00	720.00		
227500	227508	12,437,102.67	17,412,514.91	29,849,617.58	0.883969%	515,534.78	721,748.43	1.158104%	421,807.54	421,807.15	0.709598%	167,892.50	13,374,444.99	18,723,962.99	32,098,407.98		
227500	227520	-	-	-	0.000000%	-	-	0.000000%	13,199.96	13,199.96	0.022206%	5,280.06	13,199.96	18,480.02	31,679.98		
227500	627508	1,020,765.57	1,429,073.41	2,449,838.98	0.072550%	44,621.03	62,469.46	0.100237%	39,793.57	39,793.71	0.066944%	15,916.90	1,105,180.17	1,547,253.48	2,652,433.65		
227500	680508	622,055.38	870,876.65	1,492,932.03	0.044212%	5,903.05	8,264.29	0.013261%	12,772.70	12,772.62	0.021487%	5,109.11	640,731.13	897,022.67	1,537,753.80		
227500	685100	27,427.26	38,501.73	65,928.99	0.001952%	-	-	0.000000%	-	-	0.000000%	(177.18)	27,427.26	38,324.55	65,751.81		
227500	685108	376.53	423.05	799.58	0.000024%	-	-	0.000000%	-	-	0.000000%	177.18	376.53	600.23	976.76		
227500	857708	1,382.24	1,473.58	2,855.82	0.000085%	-	-	0.000000%	-	-	0.000000%						

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions	
228100	228108	5,899,247.24	8,258,936.44	14,158,183.68	0.419281%											
228100	228120	8,280.72	11,593.01	19,873.73	0.000589%	123,220.09	172,508.03	0.276803%	111,746.44	111,746.38	0.187989%	44,698.32	6,134,213.77	8,587,889.17	14,722,102.94	
228100	228130	4,461.54	6,246.13	10,707.67	0.000317%			0.000000%			0.000000%		8,280.72	11,593.01	19,873.73	
228100	228140	2,307.71	3,230.77	5,538.48	0.000164%			0.000000%			0.000000%		4,461.54	6,246.13	10,707.67	
228100	628108	168,209.17	235,492.79	403,701.96	0.011955%	11,907.81	16,670.95	0.026750%	2,307.71	2,307.69	0.003882%	923.08	4,615.42	6,461.54	11,076.96	
228100	957808	410,932.45	572,144.54	983,076.99	0.029113%			0.000000%	8,197.96	8,197.98	0.013791%	3,279.20	188,314.94	263,640.92	451,955.86	
228110	228110	2,892.53	4,049.55	6,942.08	0.000206%			0.000000%			0.000000%		410,932.45	572,144.54	983,076.99	
228500	197790	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		2,892.53	4,049.55	6,942.08	
228500	228500	230,777.22	323,088.08	553,865.30	0.016402%			0.000000%	7,493.00	7,493.02	0.012605%	2,997.19	300.00	420.00	720.00	
228500	228508	1,816,302.48	2,542,805.22	4,359,107.70	0.129091%	38,349.31	53,688.66	0.086148%	44,718.09	44,718.12	0.075228%	17,902.02	238,270.22	333,578.29	571,848.51	
228500	228510	14,418.83	20,186.34	34,605.17	0.001025%			0.000000%	3,908.09	3,908.08	0.006574%	1,563.29	1,899,369.88	2,659,114.02	4,558,483.90	
228500	628508	186,341.75	260,879.08	447,220.83	0.013244%	7,531.59	10,544.28	0.016919%	3,975.37	3,975.44	0.006688%	1,590.17	18,326.92	25,657.71	43,984.63	
228500	957900	248,907.73	346,556.55	595,464.28	0.017634%			0.000000%			0.000000%		197,848.71	276,988.97	474,837.68	
228900	197808	-	-	-	0.000000%	240.92	337.08	0.000541%			0.000000%		248,907.73	346,556.55	595,464.28	
228900	228908	2,011,154.42	2,815,613.19	4,826,767.61	0.142940%	85,643.99	119,901.24	0.192391%	78,890.25	78,890.14	0.132715%	31,556.20	240.92	337.08	578.00	
228900	228910	7,986.09	11,180.52	19,166.61	0.000568%			0.000000%			0.000000%		240.92	337.08	578.00	
228900	958008	397,190.56	553,010.91	950,201.47	0.028139%			0.000000%			0.000000%		7,986.09	11,180.52	19,166.61	
229300	197818	159.12	222.80	381.92	0.000011%			0.000000%			0.000000%		397,190.56	553,010.91	950,201.47	
229300	229300	1,761.28	2,465.55	4,226.83	0.000125%			0.000000%			0.000000%		159.12	222.80	381.92	
229300	229308	765,829.63	1,072,160.38	1,837,990.01	0.054430%	15,391.92	21,548.46	0.034576%	22,522.41	22,522.57	0.037889%	9,008.93	1,761.28	2,465.55	4,226.83	
229300	229310	10,316.75	14,443.44	24,760.19	0.000733%			0.000000%			0.000000%		1,761.28	2,465.55	4,226.83	
229300	557100	27,738.02	38,833.05	66,571.07	0.001971%			0.000000%	5,784.80	5,784.80	0.009732%	2,313.93	765,829.63	1,072,160.38	1,837,990.01	
229300	629300	30,077.98	42,108.68	72,186.66	0.002138%	4,497.09	6,295.92	0.010102%	3,581.00	3,581.00	0.006024%	1,432.40	10,316.75	14,443.44	24,760.19	
229300	958108	164,841.93	229,510.33	394,352.26	0.011678%			0.000000%			0.000000%		27,738.02	38,833.05	66,571.07	
229700	197820	120.10	167.96	288.06	0.000009%			0.000000%			0.000000%		30,077.98	42,108.68	72,186.66	
229700	229700	369,945.42	517,923.01	887,868.43	0.026293%	15,889.83	22,245.60	0.035695%	6,312.89	6,312.87	0.010620%	2,525.21	164,841.93	229,510.33	394,352.26	
229700	629700	132,884.79	186,038.03	318,922.82	0.009445%	8,973.93	12,563.80	0.020160%	2,019.84	2,019.81	0.003398%	807.92	120.10	167.96	288.06	
229700	958200	67,381.00	93,815.06	161,196.06	0.004774%			0.000000%			0.000000%		369,945.42	517,923.01	887,868.43	
230100	197830	300.05	419.92	719.97	0.000021%			0.000000%			0.000000%		132,884.79	186,038.03	318,922.82	
230100	230108	4,442,751.65	6,219,846.86	10,662,598.51	0.315763%	164,481.93	230,275.22	0.369495%	188,731.06	188,731.21	0.317499%	75,491.95	67,381.00	93,815.06	161,196.06	
230100	230110	17,596.09	24,634.48	42,230.57	0.001251%			0.000000%			0.000000%		300.05	419.92	719.97	
230100	630108	307,063.08	429,888.46	736,951.54	0.021824%	16,201.96	22,682.81	0.036396%	21,587.64	21,587.56	0.036316%	8,635.24	4,442,751.65	6,219,846.86	10,662,598.51	
230100	868308	616,241.35	862,739.55	1,478,980.90	0.043799%	10,073.99	14,103.59	0.022630%	30,244.33	30,244.34	0.050879%	12,097.80	17,596.09	24,634.48	42,230.57	
230100	958308	1,108,921.36	1,543,962.75	2,652,884.11	0.078563%			0.000000%			0.000000%		307,063.08	429,888.46	736,951.54	
231100	197848	40.34	56.46	96.80	0.000003%			0.000000%			0.000000%		616,241.35	862,739.55	1,478,980.90	
231100	231100	(58.42)	(81.78)	(140.20)	-0.000004%			0.000000%	201.69	201.69	0.000339%	80.61	1,108,921.36	1,543,962.75	2,652,884.11	
231100	231108	1,687,853.91	2,362,990.84	4,050,844.75	0.119962%	61,113.12	85,558.13	0.137285%	61,645.77	61,645.88	0.103706%	24,658.45	40.34	56.46	96.80	
231100	231110	17,090.82	23,927.13	41,017.95	0.001215%			0.000000%			0.000000%		(58.42)	(81.78)	(140.20)	
231100	958408	308,948.12	430,151.08	739,099.20	0.021888%			0.000000%			0.000000%		1,687,853.91	2,362,990.84	4,050,844.75	
231500	231508	2,535,193.14	3,549,265.43	6,084,458.57	0.180186%	79,809.59	111,733.49	0.179285%	138,985.29	138,985.23	0.233812%	55,594.09	17,090.82	23,927.13	41,017.95	
231500	958508	440,019.56	612,642.03	1,052,661.59	0.031174%			0.000000%			0.000000%		308,948.12	430,151.08	739,099.20	
231520	231520	8,825.67	12,533.90	21,359.57	0.000633%			0.000000%			0.000000%		2,535,193.14	3,549,265.43	6,084,458.57	
232100	197868	193.44	270.80	464.24	0.000014%			0.000000%			0.000000%	(178.00)	440,019.56	612,642.03	1,052,661.59	
232100	232100	-	-	-	0.000000%			0.000000%			0.000000%		8,825.67	12,533.90	21,359.57	
232100	232108	1,194,503.95	1,672,038.70	2,866,542.65	0.084890%	26,320.78	36,848.99	0.059127%	35,632.33	35,632.39	0.059944%	14,513.53	440,019.56	612,642.03	1,052,661.59	
232100	632108	88,809.08	124,418.56	213,227.64	0.006315%	(90.00)	(117.50)	-0.000189%	3,373.50	3,373.62	0.005675%	1,254.34	8,825.67	12,533.90	21,359.57	
232100	958608	144,940.03	201,801.16	346,741.19	0.010268%			0.000000%			0.000000%		193.44	270.80	464.24	
232500	197878	299.25	418.85	718.10	0.000021%			0.000000%			0.000000%		1,194,503.95	1,672,038.70	2,866,542.65	
232500	232500	73.87	103.43	177.30	0.000005%			0.000000%			0.000000%		88,809.08	124,418.56	213,227.64	
232500	232508	3,915,668.80	5,481,930.36	9,397,599.16	0.278301%	97,150.75	136,011.03	0.218241%	141,939.03	141,938.86	0.238781%	56,775.31	144,940.03	201,801.16	346,741.19	
232500	232510	106,780.13	149,491.99	256,272.12	0.007589%			0.000000%			0.000000%		299.25	418.85	718.10	
232500	232520	36,901.05	51,661.28	88,562.33	0.002623%			0.000000%			0.000000%		73.87	103.43	177.30	
232500	632508	245,870.64	344,218.83	590,089.47	0.017475%	21,724.23	30,413.89	0.048802%	24,626.88	24,626.86	0.041429%	9,850.77	36,901.05	51,661.28	88,562.33	
232500	958708	497,577.65	692,782.35	1,190,360.00	0.035251%			0.000000%			0.000000%		3,915,668.80	5,481,930.36	9,397,599.16	
232900	197888	164.04	229.56	393.60	0.000012%			0.000000%			0.000000%		106,780.13	149,491.99	256,272.12	
232900	232900	(67.38)	(94.34)	(161.72)	-0.000005%			0.000000%			0.000000%		36,901.05	51,661.28	88,562.33	
232900	232908	951,469.05	1,331,906.69	2,283,375.74	0.067620%	14,806.41	20,729.00	0.033261%	39,734.25	39,732.07	0.066841%	16,043.68	245,870.64	344,218.83	590,089.47	
232900	632908	55,100.45	77,140.52	132,240.97	0.003916%			0.000000%			0.000000%		497,577.65	692,782.35	1,190,360.00	
232900	958808	115,412.71	160,689.64	276,102.35	0.008177%			0.000000%			0.000000%		164.04	229.56	393.60	
240200	240200	(2,064.00)	(2,049.42)	(4,113.42)	-0.000122%			0.000000%			0.000000%	(1,240.82)	(67.38)	(94.34)	(161.72)	
240200	240208	39,376,982.94	55,127,920.13	94,504,903.07	2.798675%	1,365,435.32	1,911,606.52	3.067327%	1,117,472.16	1,117,470.97	1.879901%	446,649.93	951,469.05	1,331,906.69	2,283,375.74	
240200	951808	1,996,354.21	2,779,535.03	4,775,889.24	0.141434%			0.000000%			0.000000%		55,100.45	77,140.52	132,240.97	
243700	243008	-	-	-	0.000000%			0.000000%			0.000000%		115,412.71	160,689.64	276,102.35	
243700	243708	46,566,265.30	65,192,702.03	111,758,967.33	3.309638%	2,141,764.08	2,998,467.49	4.811283%	8,015,231.79	8,015,230.09</						

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
247100	959118	260,357.46	362,572.16	622,929.62	0.018447%							72.73	260,357.46	362,644.89	623,002.35
250000	197318	300.00	420.00	720.00	0.000021%								300.00	420.00	720.00
250000	250008	19,063,097.20	26,699,673.52	45,762,770.72	1.355222%	537,437.86	752,412.30	1.207306%	783,447.42	783,446.46	1.317978%	298,075.61	20,383,982.48	28,533,607.89	48,917,590.37
250000	250020	131,818.97	184,546.58	316,365.55	0.009369%								131,818.97	184,546.58	316,365.55
250000	609508	438,709.41	614,193.77	1,052,903.18	0.031181%	39,685.99	55,560.31	0.089151%	85,848.18	85,847.95	0.144420%	34,338.74	564,243.58	789,940.77	1,354,184.35
250000	853108	119,895.98	178,174.50	298,070.48	0.008827%							8,011.92	119,895.98	186,186.42	306,082.40
250000	953108	3,347,588.88	4,657,427.80	8,005,016.68	0.237061%							7,289.32	3,347,588.88	4,664,717.12	8,012,306.00
250010	250010	15,796.88	22,115.64	37,912.52	0.001123%								15,796.88	22,115.64	37,912.52
264900	264900	4,677.89	6,549.04	11,226.93	0.000332%								4,677.89	6,549.04	11,226.93
295200	295200	-	-	-	0.000000%				180.00	180.00	0.000000%	72.00	180.00	252.00	432.00
297300	297300	76,086.70	106,521.67	182,608.37	0.005408%	131.92	184.69	0.000296%					76,218.62	106,706.36	182,924.98
297300	297308	76,086.70	106,521.61	182,608.31	0.005408%	131.92	184.69	0.000296%					76,218.62	106,706.30	182,924.92
300100	300108	6,076,161.15	8,506,440.08	14,582,601.23	0.431850%	151,758.46	212,461.36	0.340911%	115,121.07	115,120.46	0.193665%	46,298.38	6,343,040.68	8,880,320.28	15,223,360.96
300300	300308	633,783.27	887,295.44	1,521,078.71	0.045045%	18,939.23	26,515.14	0.042546%	16,833.63	16,833.64	0.028319%	6,733.39	669,556.13	937,377.61	1,606,933.74
300400	300408	353,730.26	495,221.40	848,951.66	0.025141%	18,306.84	25,629.51	0.041125%	8,672.42	8,672.48	0.014590%	3,468.88	380,709.52	532,992.27	913,701.79
300500	300508	614,183.28	859,217.26	1,473,400.54	0.043633%	15,356.93	21,499.69	0.034498%	26,783.77	26,783.75	0.045058%	11,353.26	656,323.98	918,853.96	1,575,177.94
300600	300608	544,202.21	761,882.18	1,306,084.39	0.038678%	6,940.45	9,716.67	0.015591%	16,182.16	16,182.18	0.027223%	6,472.62	567,324.82	794,253.65	1,361,578.47
300700	300700	12,832.81	17,965.91	30,798.72	0.000912%								12,832.81	17,965.91	30,798.72
300700	300708	409,526.67	573,337.65	982,864.32	0.029107%	1,486.46	2,081.05	0.003339%	8,933.14	8,933.14	0.015028%	3,573.28	419,946.27	587,925.12	1,007,871.39
300700	640700	5,735.96	8,030.28	13,766.24	0.000408%								5,735.96	8,030.28	13,766.24
300700	640708	16,099.24	22,538.92	38,638.16	0.001144%								16,099.24	22,538.92	38,638.16
300800	300808	813,182.90	1,138,455.96	1,951,638.86	0.057796%	22,468.25	31,455.67	0.050473%	27,408.23	27,408.23	0.046108%	10,963.48	863,059.38	1,208,283.34	2,071,342.72
300900	300900	71,430.45	100,001.06	171,431.51	0.005077%	514.32	720.06	0.001155%	1,982.04	1,982.00	0.003334%	792.82	73,926.81	103,495.94	177,422.75
300900	300908	659,928.78	923,900.74	1,583,829.52	0.046904%	37,442.77	52,419.89	0.084112%	12,806.20	12,806.20	0.021544%	5,122.66	710,177.75	994,249.49	1,704,427.24
301000	301008	452,808.10	633,928.72	1,086,736.82	0.032183%	9,253.34	12,954.33	0.020786%	5,155.56	5,155.54	0.008673%	2,062.18	467,217.00	654,100.77	1,121,317.77
301100	301100	43,993.22	61,590.99	105,584.21	0.003127%	238.21	333.49	0.000535%	1,582.17	1,582.20	0.002662%	632.86	45,813.60	64,139.54	109,953.14
301100	301108	659,631.36	923,483.86	1,583,115.22	0.046882%	34,774.88	48,684.81	0.078119%	4,341.30	4,341.28	0.007303%	1,736.54	698,747.54	978,246.49	1,676,994.03
301200	301208	1,051,208.72	1,471,799.23	2,523,007.95	0.074717%	229.56	321.39	0.000516%	2,956.92	2,956.91	0.004974%	1,022.25	1,054,395.20	1,476,099.78	2,530,494.98
301300	301308	665,305.42	931,428.42	1,596,733.84	0.047286%	6,881.78	9,634.48	0.015459%	9,940.65	9,940.75	0.016723%	3,976.26	682,127.85	954,979.91	1,637,107.76
301400	301408	128,476.31	179,866.93	308,343.24	0.009131%								128,476.31	179,866.93	308,343.24
301500	301500	84,586.87	118,421.28	203,008.15	0.006012%	127.40	178.36	0.000286%					84,714.27	118,599.64	203,313.91
301600	301608	445,151.68	623,211.25	1,068,362.93	0.031639%	7,681.71	10,754.37	0.017256%	2,852.25	2,852.39	0.004799%	1,140.76	455,685.64	637,958.77	1,093,644.41
301700	301700	108,215.67	151,501.21	259,716.88	0.007691%	169.64	237.49	0.000381%	10,300.49	10,300.41	0.017328%	4,120.17	118,685.80	166,159.28	284,845.08
301700	301708	258,583.02	362,016.32	620,599.34	0.018378%	11,110.19	15,554.20	0.024958%					269,693.21	377,570.52	647,263.73
301800	301808	475,425.65	665,595.07	1,141,020.72	0.033790%	34,105.52	47,747.84	0.076615%	27,620.91	27,620.79	0.046466%	11,048.35	537,152.08	752,012.05	1,289,164.13
301900	301900	266,895.52	373,653.36	640,548.88	0.018969%	6,510.42	9,114.61	0.014625%	792.00	792.00	0.001332%	316.80	274,197.94	383,876.77	658,074.71
302000	302008	537,122.86	751,969.85	1,289,092.71	0.038175%	8,486.71	11,881.33	0.019065%	51.00	51.00	0.000086%	20.40	545,660.57	763,922.58	1,309,583.15
302100	302108	687,271.86	962,175.86	1,649,447.72	0.048847%	2,468.99	3,456.61	0.005546%	15,057.20	15,057.22	0.025330%	6,022.86	704,798.05	986,712.55	1,691,510.60
302200	302208	722,314.64	1,011,236.79	1,733,551.43	0.051338%	17,888.01	25,043.29	0.040184%	47,038.19	47,038.09	0.079131%	18,815.05	787,240.84	1,102,133.22	1,889,374.06
302300	302300	364,121.63	509,771.44	873,893.07	0.025880%	1,508.86	2,112.38	0.003389%	25,884.40	25,884.46	0.043545%	10,353.79	391,514.89	548,122.07	939,636.96
302300	302308	46,727.72	65,418.86	112,146.58	0.003321%	574.98	804.97	0.001292%					47,302.70	66,223.83	113,526.53
302400	302400	91,619.32	128,265.93	219,885.25	0.006512%	3,286.44	4,601.03	0.007383%	8,800.32	8,800.23	0.014804%	3,520.06	103,706.08	145,187.25	248,893.33
302400	302408	567,056.98	793,879.45	1,360,936.43	0.040303%	11,157.18	15,620.00	0.025064%	6,827.83	6,827.84	0.011486%	2,731.14	585,041.99	819,058.43	1,404,100.42
302500	302508	1,185,782.45	1,660,094.06	2,845,876.51	0.084278%	81,825.93	114,556.32	0.183815%	24,070.43	24,070.40	0.040493%	9,628.23	1,291,678.81	1,808,349.01	3,100,027.82
302600	302608	574,117.12	803,762.17	1,377,879.29	0.040805%	46,513.85	65,119.17	0.104489%	29,922.18	29,922.22	0.050338%	11,968.80	650,553.15	910,772.36	1,561,325.51
302700	302700	8,230.89	11,523.12	19,754.01	0.000585%	667.95	935.09	0.001500%					9,566.79	13,393.30	22,960.09
302700	302708	246,998.13	345,796.65	592,794.78	0.017555%	15,251.81	21,352.54	0.034262%	5,463.64	5,463.64	0.009191%	2,185.44	267,713.58	374,798.27	642,511.85
302800	302808	381,192.83	533,670.55	914,863.38	0.027093%	11,788.69	16,504.12	0.026482%	1,393.71	1,393.79	0.002345%	557.51	394,375.23	552,125.97	946,501.20
302900	302900	96,439.99	135,016.65	231,456.64	0.006854%				1,094.50	1,094.52	0.001841%	437.78	97,534.49	136,548.95	234,083.44
302900	302908	344,552.86	482,373.73	826,926.59	0.024489%	5,610.13	7,854.17	0.012603%				0.03	350,162.99	490,227.93	840,390.92
302900	888058	(12,432.14)	(13,960.06)	(26,392.20)	-0.000782%							(7,655.62)	(12,432.14)	(21,615.68)	(34,047.82)
302900	988058	26,209.26	33,142.32	59,351.58	0.001758%							7,655.68	26,209.26	40,798.00	67,007.26
303000	303008	546,029.57	764,443.34	1,310,472.91	0.038808%	16,535.81	23,150.21	0.037146%	29,574.19	29,574.24	0.049752%	11,829.68	592,139.57	828,997.47	1,421,137.04
303100	303100	479,321.46	671,047.74	1,150,369.20	0.034067%	5,335.00	7,468.97	0.011985%	20,048.55	20,048.50	0.033727%	8,019.42	504,705.01	706,584.63	1,211,289.64
303300	303300	-	-	-	0.000000%										
303300	303308	121,1													

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
304100	304100	341,910.03	478,674.27	820,584.30	0.024301%							2,298.49	356,428.58	499,000.22	855,428.80
304500	304508	1,140,284.59	1,596,403.74	2,736,688.33	0.081044%	8,772.55	12,281.55	0.019707%	5,746.00	5,745.91	0.009666%	5,842.36	1,171,813.68	1,640,544.86	2,812,358.54
304500	880718	185,682.06	280,070.31	465,752.37	0.013793%	16,923.11	23,692.65	0.038017%	14,605.98	14,606.11	0.024572%		185,682.06	280,070.31	465,752.37
304600	304608	365,639.83	511,895.72	877,535.55	0.025987%			0.000000%			0.000000%	2,796.66	378,012.91	529,217.98	907,230.89
304700	304700			-	0.000000%	5,381.34	7,533.86	0.012089%	6,991.74	6,991.74	0.011762%				
304700	304708	29,517,570.16	41,324,582.37	70,842,152.53	2.097924%			0.000000%			0.000000%	647,984.39	32,249,985.98	45,149,971.98	77,399,957.96
304700	644700			-	0.000000%	1,112,473.30	1,557,462.52	2.499074%	1,619,942.52	1,619,942.70	2.725200%				
304700	644708	2,662,940.30	3,728,114.50	6,391,054.80	0.189265%			0.000000%			0.000000%				
304900	304900	291,840.98	408,577.75	700,418.73	0.020742%	116,266.47	162,772.81	0.261182%	165,961.21	165,961.20	0.279193%	66,384.58	2,945,167.98	4,123,233.09	7,068,401.07
304900	304908	33,838.34	47,373.72	81,212.06	0.002405%	4,365.78	6,112.08	0.009807%	3,886.34	3,886.40	0.006538%	1,554.48	300,093.10	420,130.71	720,223.81
305100	305100	327,581.67	458,614.19	786,195.86	0.023282%			0.000000%			0.000000%		33,838.34	47,373.72	81,212.06
305100	305108	6,325.02	8,854.96	15,179.98	0.000450%	1,097.55	1,536.57	0.002466%	18,537.11	18,537.41	0.031185%	7,414.80	347,216.33	486,102.97	833,319.30
305200	305208	98,827.42	138,357.72	237,185.14	0.007024%			0.000000%			0.000000%		6,325.02	8,854.96	15,179.98
305300	305308	1,863,605.66	2,609,040.85	4,472,646.51	0.132453%	62,551.80	87,572.51	0.140517%	23,599.00	23,598.85	0.039700%	9,439.51	98,827.42	138,357.72	237,185.14
306100	306100		0.06	0.06	0.000000%			0.000000%			0.000000%	(0.06)	1,863,605.66	2,609,040.85	4,472,646.51
306100	306108	7,702,251.10	10,783,141.90	18,485,393.00	0.547428%			0.000000%			0.000000%		1,949,756.46	2,729,651.72	4,679,408.18
306100	981138	38,796.09	54,016.04	92,812.13	0.002749%	230,833.33	322,816.66	0.517985%	288,576.98	288,576.79	0.485467%	115,781.70	8,221,661.41	11,510,317.05	19,731,978.46
306300	306308	485,272.05	679,380.29	1,164,652.34	0.034490%			0.000000%			0.000000%		38,796.09	54,016.04	92,812.13
306400	306400	37,796.23	52,914.52	90,710.75	0.002686%	16,418.16	22,985.37	0.036882%	54,295.85	54,295.90	0.091341%	21,718.31	555,986.06	778,379.87	1,334,365.93
306400	306408	34,528.83	48,340.38	82,869.21	0.002454%			0.000000%			0.000000%		37,796.23	52,914.52	90,710.75
306500	306508	1,114,515.32	1,560,320.59	2,674,835.91	0.079213%	60,036.55	84,051.01	0.134867%	30,008.67	30,008.57	0.050483%	12,003.57	34,528.83	48,340.38	82,869.21
306700	306708	132,983.27	186,176.30	319,159.57	0.009452%	4,798.43	6,717.79	0.010779%			0.000000%		137,781.70	192,894.09	330,675.79
306900	306900	39,456.90	55,239.07	94,695.97	0.002804%			0.001300%			0.000000%		40,035.64	56,049.30	96,084.94
306900	306908	661,786.53	926,500.06	1,588,286.59	0.047036%	30,177.72	42,248.76	0.067792%			0.000000%		691,964.25	968,748.82	1,660,713.07
307000	307008	286,690.46	401,366.23	688,056.69	0.020376%	2,509.16	3,512.94	0.005637%			0.000000%		289,199.62	404,879.17	694,078.79
307100	307108	145,826.72	204,156.40	349,983.12	0.010364%			0.000000%	11,988.06	11,988.07	0.020167%	4,795.21	157,814.78	220,939.68	378,754.46
307200	307208	246,121.92	344,570.41	590,692.33	0.017493%			0.000000%	10.00	10.00	0.000017%	4.00	246,121.92	344,570.41	590,692.33
307300	307308	343,496.24	480,893.70	824,389.94	0.024414%	4,051.68	5,672.29	0.009102%	2,098.08	2,098.08	0.003530%	839.20	349,646.00	489,503.27	839,149.27
307400	307400	107,668.07	150,734.62	258,402.69	0.007652%			0.000000%			0.000000%		107,668.07	150,734.62	258,402.69
307500	307500			-	0.000000%			0.000000%			0.000000%				
307500	307508	1,798,252.22	2,517,550.66	4,315,802.88	0.127808%	40,392.94	56,549.97	0.090739%	18,337.60	18,337.71	0.030849%	7,335.00	1,856,982.76	2,599,773.34	4,456,756.10
307600	307608	347,028.08	485,838.86	832,866.94	0.024665%			0.000000%	200.04	200.05	0.000337%	79.92	347,028.08	485,838.86	832,866.94
307700	307708	1,030,669.51	1,442,937.62	2,473,607.13	0.073254%	30,969.48	43,357.18	0.069570%	6,536.72	6,536.85	0.010997%	2,614.73	1,068,175.71	1,495,446.38	2,563,622.09
307800	307808	347,587.38	486,622.51	834,209.89	0.024704%			0.000000%	1,857.75	1,857.74	0.003125%	743.06	349,445.13	489,223.31	838,668.44
307900	307908	935,149.27	1,309,208.66	2,244,357.93	0.066465%	23,053.90	32,275.46	0.051789%	24,037.80	24,037.85	0.040438%	9,615.03	982,240.97	1,375,137.00	2,357,377.97
308000	308008	385,479.42	539,669.31	925,148.73	0.027397%	581.89	814.63	0.001307%	16,486.36	16,486.40	0.027735%	6,594.90	402,547.67	563,565.24	966,112.91
308100	308108	998,169.62	1,397,438.03	2,395,607.65	0.070944%	37,618.80	52,666.36	0.084507%	53,775.69	53,775.48	0.090465%	21,510.65	1,089,564.11	1,525,390.52	2,614,954.63
308200	308200	169,639.63	237,493.35	407,132.98	0.012057%	1,891.07	2,647.47	0.004248%	5,792.21	5,792.13	0.009744%	2,316.88	177,322.91	248,249.83	425,572.74
308200	308208	1,116,983.01	1,563,751.37	2,680,734.38	0.079387%	86,233.25	120,726.51	0.193715%	53,620.47	53,620.57	0.090205%	21,471.51	1,256,836.73	1,759,569.96	3,016,406.69
308300	308308	240,797.02	337,115.19	577,912.21	0.017114%	7,118.49	9,965.89	0.015991%	4,730.33	4,730.36	0.007958%	1,892.23	252,645.84	353,703.67	606,349.51
308400	308408	345,210.65	483,291.84	828,502.49	0.024535%	6,684.25	9,357.95	0.015016%	4,684.60	4,684.57	0.007881%	1,873.86	356,579.50	499,208.22	855,787.72
308500	308500	37,664.02	52,728.91	90,392.93	0.002677%	508.68	712.09	0.001143%	1,020.68	1,020.67	0.001717%	408.32	39,193.38	54,869.99	94,063.37
308500	308508	564,254.07	789,954.81	1,354,208.88	0.040104%	3,576.24	5,006.73	0.008034%			0.000000%		567,830.31	794,961.54	1,362,791.85
308600	308600	23,398.92	32,758.68	56,157.60	0.001663%			0.000000%	576.00	576.00	0.000969%	230.40	23,398.92	32,758.68	56,157.60
308600	308608	293,653.30	411,114.59	704,767.89	0.020871%			0.000000%	33,170.97	33,171.06	0.055803%	13,268.27	326,824.27	457,553.92	784,378.19
308900	308900	37,039.79	38,274.54	75,314.33	0.002230%			0.000000%	(37,039.79)	(35,316.16)	-0.059412%	(2,958.38)			
308900	308908	701,627.19	981,321.98	1,682,949.17	0.049839%	39,691.47	55,567.96	0.089163%	21,446.32	21,446.20	0.036079%	9,532.10	762,764.98	1,067,868.24	1,830,633.22
308900	308910	2,354.74	3,296.66	5,651.40	0.000167%			0.000000%			0.000000%		2,354.74	3,296.66	5,651.40
309100	309108	322,488.03	451,483.25	773,971.28	0.022920%	3,363.10	4,708.35	0.007555%	4,439.63	4,439.63	0.007469%	1,775.87	330,290.76	462,407.10	792,697.86
309300	309300	34,282.75	47,995.48	82,278.23	0.002437%			0.000000%			0.000000%		34,282.75	47,995.48	82,278.23
309300	309308	167,323.64	234,253.10	401,576.74	0.011892%			0.000000%			0.000000%		167,323.64	234,253.10	401,576.74
309500	309500	93,508.05	130,910.71	224,418.76	0.006646%	111.80	156.52	0.000251%	5,005.73	5,005.68	0.008421%	2,002.32	98,625.58	138,075.23	236,700.81
309500	309508	471,945.05	660,722.73	1,132,667.78	0.033543%	13,305.45	18,627.63	0.029890%	7,827.04	7,827.04	0.013167%	3,130.80	493,077.54	690,308.20	1,183,385.74
309600	309608	169,129.77	236,781.91	405,911.68	0.012021%	11,929.65	16,701.40	0.026799%	837.13	837.18	0.001408%	334.87	181,896.55	254,655.36	436,551.91
309700	309708	246,662.86	345,329.03	591,991.89	0.017531%	3,026.23	4,236.82	0.006798%			0.000000%		249,689.09	349,565.85	

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
 SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
 FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan				Member-Directed Plan				Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions		
314200	314208	183,181.04	256,452.45	439,633.49	0.013019%			0.000000%			0.000000%		183,181.04	256,452.45	439,633.49		
314300	314300	214,626.25	300,475.19	515,101.44	0.015254%			0.000156%			0.011489%	2,731.72	221,524.61	310,133.15	531,657.76		
314400	314408	274,662.33	384,525.65	659,187.98	0.019521%			0.000161%			0.023638%	5,620.43	288,785.14	404,297.57	693,082.71		
314500	314500	162,559.44	227,582.75	390,142.19	0.011554%			0.022964%			0.010294%	2,447.56	178,900.74	250,460.63	429,361.37		
314600	314608	524,567.81	734,392.57	1,258,960.38	0.037283%			0.018566%			0.024522%	5,830.54	547,409.23	766,370.73	1,313,779.96		
314700	314700	14,576.09	24,985.70	39,561.79	0.001172%			0.000557%			0.005959%	(3,162.41)	18,366.11	25,712.86	44,078.97		
314700	314708	767,679.12	1,070,171.85	1,837,850.97	0.054426%			0.040706%			0.017030%	8,628.42	795,922.76	1,114,291.98	1,910,214.74		
314900	314900	159,928.76	223,900.70	383,829.46	0.011367%			0.000000%			0.013041%	3,100.85	167,680.88	234,753.67	402,434.55		
314900	314908	7,504.15	10,505.80	18,009.95	0.000533%			0.000000%			0.018900%	4,493.90	18,739.05	26,234.60	44,973.65		
315100	315108	260,250.87	364,350.69	624,601.56	0.018497%			0.013341%			0.005522%	1,312.95	269,472.01	377,260.33	646,732.34		
315100	915108	5,712.02	7,952.87	13,664.89	0.000405%			0.000000%			0.000000%		5,712.02	7,952.87	13,664.89		
315300	315300	146,732.93	205,426.31	352,159.24	0.010429%			0.001350%			0.008011%	1,904.77	152,095.85	212,934.46	365,030.31		
315300	315308	560,746.12	785,043.46	1,345,789.58	0.039854%			0.049546%			0.103907%	24,706.32	644,567.32	902,392.84	1,546,960.16		
315400	315408	457,630.07	640,682.42	1,098,312.49	0.032526%			0.013227%			0.019838%	4,716.82	475,310.27	665,434.73	1,140,745.00		
316100	316100	413,554.75	578,976.29	992,531.04	0.029393%			0.020032%			0.000707%	168.00	422,892.13	592,048.60	1,014,940.73		
317100	317100	844,279.80	1,181,989.04	2,026,268.84	0.060006%			0.049344%			0.062198%	14,788.87	903,217.91	1,264,502.22	2,167,720.13		
317300	317300	153,398.74	214,756.98	368,155.72	0.010903%			0.029642%			0.004285%	1,018.67	169,141.41	236,796.28	405,937.69		
317500	317500	-	-	-	0.000000%			0.000000%			0.000000%						
317500	317508	2,285,602.97	3,199,808.03	5,485,411.00	0.162445%			0.257838%			0.236096%	56,167.28	2,540,723.25	3,557,006.66	6,097,729.91		
317800	317800	3,085.54	4,320.20	7,405.74	0.000219%			0.000000%			0.000000%		3,085.54	4,320.20	7,405.74		
317800	317808	154,014.73	215,620.38	369,635.11	0.010946%			0.005135%			0.000742%	176.32	156,741.45	219,437.76	376,179.21		
318100	318108	1,549,727.03	2,169,613.40	3,719,340.43	0.110145%			0.086419%			0.086980%	20,681.34	1,639,900.66	2,295,856.33	3,935,756.99		
318300	318308	1,498,301.48	2,097,611.63	3,595,913.11	0.106490%			0.102682%			0.091357%	21,722.35	1,598,316.09	2,237,632.27	3,835,948.36		
318500	318508	1,414,182.29	1,979,855.55	3,394,037.84	0.100511%			0.089276%			0.108588%	25,819.50	1,518,472.14	2,125,861.44	3,644,333.58		
318600	318600	26,754.67	37,456.59	64,211.26	0.001902%			0.006517%			0.000000%		29,655.79	41,518.17	71,173.96		
318700	318700	58,666.50	82,092.62	140,759.12	0.004168%			0.000000%			0.000000%	40.19	58,666.50	82,132.81	140,799.31		
318700	318708	29,131.72	40,961.91	70,093.63	0.002076%			0.000000%			0.000000%	(177.47)	29,131.72	40,784.44	69,916.16		
318800	318808	630,511.91	882,717.43	1,513,229.34	0.044813%			0.066260%			0.012492%	2,970.27	667,433.55	934,407.91	1,601,841.46		
318900	318900	197,312.93	276,237.44	473,550.37	0.014024%			0.010353%			0.000000%		201,921.41	282,689.32	484,610.73		
319000	319000	205,018.07	287,024.59	492,042.66	0.014571%			0.012213%			0.018689%	4,443.73	221,564.28	310,189.14	531,753.42		
319100	319108	1,575,247.39	2,205,345.59	3,780,592.98	0.111959%			0.057548%			0.097878%	23,272.43	1,659,046.86	2,322,664.66	3,981,711.52		
319200	319208	165,564.14	231,789.84	397,353.98	0.011767%			0.030085%			0.020882%	4,965.01	191,369.19	267,916.80	459,285.99		
319300	319308	453,145.56	634,402.39	1,087,547.95	0.032207%			0.001110%			0.012214%	2,904.03	460,899.86	645,258.57	1,106,158.43		
319400	319408	159,832.97	223,766.16	383,599.13	0.011360%			0.046070%			0.029748%	7,072.64	198,023.64	277,233.09	475,256.73		
319800	319808	855,494.21	1,197,689.89	2,053,184.10	0.060803%			0.097788%			0.086002%	20,448.83	950,147.40	1,330,204.13	2,280,351.53		
319900	319908	369,651.83	517,510.25	887,162.08	0.026272%			0.003677%			0.012790%	3,041.01	378,891.59	530,445.66	909,337.25		
320000	320008	79,407.94	111,170.91	190,578.85	0.005644%			0.000000%			0.007215%	1,715.54	83,696.79	117,175.32	200,872.11		
320100	320100	6.63	9.28	15.91	0.000000%			0.000000%			0.000000%		6.63	9.28	15.91		
320100	320108	1,356,455.32	1,899,035.05	3,255,490.37	0.096408%			0.034544%			0.022305%	5,305.50	1,385,091.47	1,939,127.72	3,324,219.19		
320300	320308	212,767.55	297,873.39	510,640.94	0.015122%			0.032745%			0.007066%	1,679.99	231,544.04	324,160.57	555,704.61		
320500	320500	227,240.78	318,136.97	545,377.75	0.016151%			0.000000%			0.000000%		227,240.78	318,136.97	545,377.75		
320500	320508	344,291.59	482,008.69	826,300.28	0.024470%			0.016224%			0.019486%	4,633.22	363,097.20	508,336.12	871,433.32		
320500	660508	36,509.24	51,112.94	87,622.18	0.002595%			0.000000%			0.000000%		36,509.24	51,112.94	87,622.18		
320700	320700	751,106.94	1,051,548.92	1,802,655.86	0.053384%			0.043779%			0.033411%	7,943.98	790,455.87	1,106,637.45	1,897,093.32		
320700	320708	29,595.11	41,433.30	71,028.41	0.002103%			0.000000%			0.000737%	175.08	30,033.11	42,046.50	72,079.61		
320900	320900	70,699.55	98,979.16	169,678.71	0.005025%			0.000000%			0.004172%	991.92	73,179.59	102,451.12	175,630.71		
320900	320908	195,995.99	274,394.21	470,390.20	0.013930%			0.010371%			0.000000%		200,612.57	280,857.42	481,469.99		
321000	321008	104,596.26	146,433.75	251,030.01	0.007434%			0.001925%			0.012289%	2,921.84	112,758.04	157,860.10	270,618.14		
321100	321108	815,997.51	1,142,397.00	1,958,394.51	0.057996%			0.012691%			0.054560%	12,972.75	854,079.00	1,195,711.33	2,049,790.33		
321200	321200	45,828.45	64,159.00	109,987.45	0.003257%			0.000000%			0.001485%	353.01	46,710.94	65,394.47	112,105.41		
321200	321208	739,369.41	1,035,115.06	1,774,484.47	0.052550%			0.182006%			0.027281%	6,486.61	836,606.64	1,171,247.16	2,007,853.80		
321300	321308	504,347.99	706,086.59	1,210,434.58	0.035846%			0.002126%			0.000228%	54.12	505,430.05	707,601.46	1,213,031.51		
321400	321400	-	-	-	0.000000%			0.000000%			0.000000%						
321400	321408	902,354.23	1,263,292.99	2,165,647.22	0.064134%			0.046705%			0.023707%	5,636.71	937,237.49	1,312,129.19	2,249,366.68		
321500	321508	712,455.67	997,435.23	1,709,890.90	0.050637%			0.048700%			0.006808%	1,618.76	738,181.76	1,033,451.79	1,771,633.55		
321600	321600	(14,362.79)	(9,039.95)	(23,402.74)	-0.000693%			0.000000%			0.000000%	(11,068.02)	(14,362.79)	(20,107.97)	(34,470.76)		
321600	321608	1,447,135.45	2,014,915.87	3,462,051.32	0.102525%			0.047763%			0.099963%	34,836.35	1,527,818.73	2,138,940.28	3,666,759.01		
321700	321708	1,107,381.31	1,550,333.64	2,657,714.95	0.078706%			0.125769%			0.121535%	28,897.32	1,235,612.12	1,729,856.61	2,965,468.73		
321700	661708	31,128.13	43,579.40	74,707.53	0.002212%			0.000000%			0.008260%	1,964.08	36,038.27	50,453.62	86,491.89		
321800	321808	759,787.42	1,063,699.00	1,823,486.42	0.054001%			0.013386%			0.009551%	2,271.08	771,424.26	1,079,990.39	1,851,414.65		
321900	321900	97,190.01	136,065.70	233,255.71	0.006908%			0.000000%			0.000000%		97,190.01	136,065.70	233,255.71		
322000	322008	77,264.60	108,170.36	185,434.96	0.005491%			0.000938%			0.000705%	167.64	78,101.19	109,341.60	187,442.79		
322100	322108	469,685.35	657,559.31	1,127,244.66	0.033382%			0.086747%			0.035347%	8,404.45	529,312.63	741,037.11	1,270,349.74		
322200	322208	257,351.01	360,290.98	617,641.99	0.018291%			0.017501%			0.002540%	604.04	266,651.90	373,312.23	639,964.13		
322300	322308	441,373.39	617,922.97	1,059,296.36	0.031370%			0.010730%			0.012008%	2,855.09	453,287.85	634,603.19	1,087,891.04		

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions		
322800	322808	476,110.44	666,554.41	1,142,664.85	0.033839%												
323100	323100	78,623.80	110,073.36	188,697.16	0.005588%	30,348.71	42,488.15	0.068176%	4,702.63	4,702.59	0.007911%	1,881.13	511,161.78	715,626.28	1,226,788.06		
323100	323108	16,219.10	22,706.72	38,925.82	0.001153%			0.000000%			0.000000%		78,623.80	110,073.36	188,697.16		
323300	323308	957,378.44	1,340,330.70	2,297,709.14	0.068045%	25,447.22	35,626.06	0.057165%	59,498.80	59,499.02	0.100094%	23,799.60	16,219.10	22,706.72	38,925.82		
323400	323408	90,399.97	126,559.95	216,959.92	0.006425%			0.000000%	5,588.27	5,588.38	0.009401%	2,235.29	95,988.24	134,383.62	230,371.86		
323500	323500	12,693.46	17,770.95	30,464.41	0.000902%			0.000000%	426.57	426.57	0.000718%	170.66	13,120.03	18,368.18	31,488.21		
323500	323508	43,169.64	60,437.60	103,607.24	0.003068%			0.000000%			0.000000%		43,169.64	60,437.60	103,607.24		
323600	323608	195,541.35	273,757.46	469,298.81	0.013898%			0.000000%	8,833.51	8,833.51	0.014860%	3,533.43	204,374.86	286,124.40	490,499.26		
323700	323708	570,396.43	798,555.66	1,368,952.09	0.040540%	4,290.45	6,006.68	0.009638%	11,206.62	11,206.63	0.018853%	4,482.57	585,893.50	820,251.54	1,406,145.04		
323800	323808	324,350.02	454,089.18	778,439.20	0.023053%	22,401.89	31,362.60	0.050324%	18,351.26	18,351.27	0.030872%	7,340.43	365,103.17	511,143.48	876,246.65		
323900	323900	430,310.84	602,434.94	1,032,745.78	0.030584%	8,283.52	11,596.85	0.018608%	9,578.03	9,578.14	0.016113%	3,831.08	448,172.39	627,441.01	1,075,613.40		
323900	323908	115,923.30	162,292.81	278,216.11	0.008239%			0.000000%	2,676.97	2,677.00	0.004503%	1,070.76	118,600.27	166,040.57	284,640.84		
324000	324000	36,191.65	50,668.06	86,859.71	0.002572%	3,691.53	5,168.16	0.008293%			0.000000%		39,883.18	55,836.22	95,719.40		
324000	324008	39,656.64	55,519.00	95,175.64	0.002819%			0.000000%			0.000000%		39,656.64	55,519.00	95,175.64		
324100	324100	68,503.10	95,901.92	164,405.02	0.004869%	4,735.68	6,629.97	0.010638%	634.01	634.04	0.001067%	253.58	73,872.79	103,419.51	177,292.30		
324100	324108	392,822.02	549,949.50	942,771.52	0.027919%	16,249.44	22,749.20	0.036503%	13,697.61	13,697.58	0.023043%	5,479.04	422,769.07	591,875.32	1,014,644.39		
324200	324208	875,567.68	1,225,794.67	2,101,362.35	0.062230%	41,753.22	58,454.46	0.093795%	32,995.92	32,996.06	0.055509%	13,198.11	950,316.82	1,330,443.30	2,280,760.12		
324300	324308	307,539.99	430,555.32	738,095.31	0.021858%			0.000000%	13,227.29	13,227.06	0.022252%	5,291.04	320,767.28	449,073.42	769,840.70		
324400	324408	796,640.57	1,115,152.34	1,911,792.91	0.056616%	22,662.89	31,727.95	0.050910%	33,995.17	33,995.05	0.057189%	13,791.24	853,298.63	1,194,666.58	2,047,965.21		
324500	324500	16.42	22.99	39.41	0.000001%			0.000000%			0.000000%		16.42	22.99	39.41		
324500	324508	611,961.69	856,745.02	1,468,706.71	0.043494%	35,869.74	50,217.50	0.080578%	8,944.69	8,944.65	0.015047%	3,577.73	656,776.12	919,484.90	1,576,261.02		
324600	324608	127,357.18	178,299.30	305,656.48	0.009052%			0.000000%	22,043.43	22,043.41	0.037083%	8,817.28	149,400.61	209,159.99	358,560.60		
325100	325100	15,463.18	21,648.47	37,111.65	0.001099%			0.000000%			0.000000%		15,463.18	21,648.47	37,111.65		
325100	325108	388,140.21	543,396.04	931,536.25	0.027587%	18,472.90	25,862.21	0.041498%	2,756.20	2,756.16	0.004637%	1,102.43	409,369.31	573,116.84	982,486.15		
325300	325308	584,714.80	818,598.68	1,403,313.48	0.041558%	24,876.78	34,827.67	0.055884%	22,908.57	22,908.63	0.038539%	9,163.28	632,500.15	885,498.26	1,517,998.41		
325400	325408	149,516.09	209,322.31	358,838.40	0.010627%			0.000000%			0.000000%		149,516.09	209,322.31	358,838.40		
325500	325500	27,933.54	39,106.64	67,040.18	0.001985%			0.000000%	375.00	375.12	0.000631%	149.88	28,308.54	39,631.64	67,940.18		
325500	325508	652,663.02	913,726.80	1,566,389.82	0.046387%	37,630.32	52,682.35	0.084533%	50,227.98	50,228.03	0.084498%	20,090.87	740,521.32	1,036,728.05	1,777,249.37		
325700	325700	46,305.15	64,826.67	111,131.82	0.003291%			0.000000%			0.000000%		46,305.15	64,826.67	111,131.82		
325700	325708	872,705.85	1,221,788.02	2,094,493.87	0.062026%	10,470.45	14,658.56	0.023521%	47,488.80	47,488.78	0.079889%	18,995.69	930,665.10	1,302,931.05	2,233,596.15		
325800	325800	43,423.07	60,791.90	104,214.97	0.003086%			0.000000%	1,063.00	1,063.00	0.001788%	425.20	44,486.07	62,280.10	106,766.17		
325800	325808	471,219.69	659,706.74	1,130,926.43	0.033491%	15,405.42	21,567.57	0.034607%	22,010.87	22,010.89	0.037029%	8,804.35	508,635.98	712,089.55	1,220,725.53		
326000	326008	190,125.80	266,176.07	456,301.87	0.013513%			0.000000%	819.96	819.96	0.001379%	328.08	190,945.76	267,324.11	458,269.87		
326100	326100	56,113.54	78,558.61	134,672.15	0.003988%	3,357.62	4,700.63	0.007543%			0.000000%		59,471.16	83,259.24	142,730.40		
326100	326108	963,950.39	1,349,524.88	2,313,475.27	0.068511%	31,052.72	43,473.66	0.069757%	25,008.29	25,008.56	0.042071%	10,002.90	1,020,011.40	1,428,010.00	2,448,021.40		
326100	980818	7,903.60	11,004.29	18,907.89	0.000560%			0.000000%			0.000000%		7,903.60	11,004.29	18,907.89		
326200	326208	693,542.67	970,958.50	1,664,501.17	0.049293%	37,816.08	52,942.59	0.084951%	28,839.96	28,840.09	0.048517%	11,535.88	760,198.71	1,064,277.06	1,824,475.77		
326300	326308	1,909,236.66	2,672,923.98	4,582,160.64	0.135696%	30,027.07	42,037.32	0.067452%	31,313.83	31,313.33	0.052678%	12,525.46	1,970,577.56	2,758,800.09	4,729,377.65		
326400	326400	53,489.00	74,885.02	128,374.02	0.003802%			0.000000%	4,509.52	4,509.48	0.007586%	1,803.79	57,998.52	81,198.29	139,196.81		
326400	326408	236,744.16	331,441.89	568,186.05	0.016826%	3,797.53	5,316.55	0.008531%			0.000000%		240,541.69	336,758.44	577,300.13		
326500	326500	847,592.70	1,186,628.86	2,034,221.56	0.060242%	12,089.55	16,925.56	0.027158%	27,695.81	27,696.02	0.046593%	11,078.30	887,378.06	1,242,328.74	2,129,706.80		
326600	326600	18,349.62	25,689.57	44,039.19	0.001304%	403.71	565.19	0.000907%			0.000000%		18,753.33	26,254.76	45,008.09		
326600	326608	209,907.85	293,870.14	503,777.99	0.014919%	5,088.70	7,124.16	0.011431%	7,088.90	7,088.92	0.011926%	2,835.66	222,085.45	310,918.88	533,004.33		
326700	326700	19,852.27	27,793.10	47,645.37	0.001411%			0.000000%			0.000000%		19,852.27	27,793.10	47,645.37		
326700	326708	621,565.70	870,190.21	1,491,755.91	0.044177%	2,602.22	3,643.07	0.005846%	7,443.87	7,443.85	0.012523%	2,977.49	631,611.79	884,254.62	1,515,866.41		
326700	666708	131,802.26	184,522.04	316,324.30	0.009368%	5,672.08	7,940.93	0.012742%			0.000000%		137,474.34	192,462.97	329,937.31		
327100	327108	408,667.51	572,131.32	980,798.83	0.029045%	3,083.43	4,316.82	0.006927%	21,464.50	21,464.66	0.036110%	8,585.41	433,215.44	606,498.21	1,039,713.65		
327300	327308	167,566.80	234,593.47	402,160.27	0.011910%	5,138.40	7,193.75	0.011543%	17,883.25	17,883.26	0.030085%	7,153.24	190,588.45	266,823.72	457,412.17		
327400	327408	484,797.57	678,716.31	1,163,513.88	0.034456%	8,337.43	11,672.38	0.018729%	27,259.68	27,259.64	0.045858%	10,903.98	520,394.68	728,552.31	1,248,946.99		
327500	327508	956,002.09	1,338,399.46	2,294,401.55	0.067947%	21,651.01	30,311.34	0.048637%	12,056.96	12,056.62	0.020283%	4,822.68	989,710.06	1,385,590.10	2,375,300.16		
327600	327608	167,631.81	234,683.93	402,315.74	0.011914%	1,681.53	2,354.06	0.003777%	2,664.69	2,664.69	0.004483%	1,065.84	171,978.03	240,768.52	412,746.55		
327700	327700	47,814.83	66,939.74	114,754.57	0.003398%	459.75	643.65	0.001033%	1,419.33	1,419.39	0.002388%	567.68	49,693.91	69,570.46	119,264.37		
327700	327708	129,325.26	181,055.06	310,380.32	0.009192%	4,128.37	5,779.80	0.009274%			0.000000%		133,453.63	186,834.86	320,288.49		
327800	327808	96,862.47	135,607.12	232,469.59	0.006884%			0.000000%			0.000000%		96,862.47	135,607.12	232,469.59		
328100	328100	40,101.28	56,140.94	96,242.22	0.002850%	1,748.08	2,447.26	0.003927%			0.000000%		41,849.36	58,588.20	100,437.56		
328100	328108	147,192.74	206,070.02	353,262.76	0.010462%			0.000000%	7,170.28	7,170.26	0.012062%	2,868.08	154,363.02	216,108.36	370,471.38		
328200	328208	519,311.50	727,034.93	1,246,346.43	0.036909%	5,559.10	7,782.71	0.012488%	29,831.42	29,831.37	0.050185%	11,932.52	554,702.02	776,581.53	1,331,283.55		
328300	328308	360,000.48	503,996.54	863,997.02	0.025586%	10,072.34	14,101.34	0.022627%	6,171.98	6,171.79	0.010383%	2,468.68	376,244.80	526,738.35	902,983.15		
328400	328400	-	-	-	0.000000%			0.000									

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
328800	328808	281,387.93	393,941.42	675,329.35	0.019999%	6,227.88	8,718.89	0.013990%	21,618.37	21,618.24	0.036368%	8,647.30	309,234.18	432,925.85	742,160.03
328900	328908	276,253.39	386,755.35	663,008.74	0.019634%	15,722.16	22,011.34	0.035319%	11,130.04	11,130.04	0.018724%	4,452.27	303,105.59	424,349.00	727,454.59
329000	329008	152,825.42	213,955.40	366,780.82	0.010862%	2,182.56	3,055.58	0.004903%	1,283.66	1,283.66	0.002159%	513.45	156,291.64	218,808.09	375,099.73
329100	329108	1,279,664.43	1,791,525.49	3,071,189.92	0.090950%	20,992.59	29,389.62	0.047158%	42,163.64	42,163.35	0.070931%	16,865.54	1,342,820.66	1,879,944.00	3,222,764.66
329300	329308	734,091.91	1,027,728.03	1,761,819.94	0.052175%	21,375.27	29,925.40	0.048018%	32,489.04	32,489.02	0.054656%	12,995.51	787,956.22	1,103,137.96	1,891,094.18
329400	329408	339,641.10	475,496.70	815,137.80	0.024140%	9,316.60	13,043.22	0.020929%	3,378.33	3,378.25	0.005683%	1,351.38	352,336.03	493,269.55	845,605.58
329500	329508	1,703,406.64	2,384,767.17	4,088,173.81	0.121067%	51,099.96	71,539.83	0.114791%	27,123.27	27,123.32	0.045629%	10,849.23	1,781,629.87	2,494,279.55	4,275,909.42
329700	329708	540,902.82	757,263.08	1,298,165.90	0.038444%	9,464.27	13,250.08	0.021261%	14,355.54	14,355.58	0.024150%	5,742.23	564,722.63	790,610.97	1,355,333.60
329800	329808	57,992.88	81,189.99	139,182.87	0.004122%			0.000000%			0.000000%		57,992.88	81,189.99	139,182.87
329900	329900	236,977.35	331,769.42	568,746.77	0.016843%			0.000000%			0.000000%		236,977.35	331,769.42	568,746.77
330000	330008	466,143.01	652,600.99	1,118,744.00	0.033131%	833.28	1,166.64	0.001872%	9,624.91	9,624.84	0.016192%	3,849.94	476,601.20	667,242.41	1,143,843.61
330100	330108	313,652.39	439,113.45	752,765.84	0.022292%	14,073.59	19,703.07	0.031615%	7,429.51	7,429.54	0.012499%	2,971.88	335,155.49	469,217.94	804,373.43
330200	330208	1,269,331.75	1,777,058.13	3,046,389.88	0.090216%	33,455.71	46,838.12	0.075156%	53,064.54	53,064.19	0.089269%	21,225.74	1,355,852.00	1,898,186.18	3,254,038.18
330300	330308	994,001.20	1,391,595.02	2,385,596.22	0.070647%	18,194.02	25,471.66	0.040871%	10,778.78	10,778.90	0.018133%	4,316.20	1,022,974.00	1,432,161.78	2,455,135.78
330400	330408	1,337,589.20	1,872,619.79	3,210,208.99	0.095067%	30,500.21	42,700.33	0.068516%	17,468.39	17,468.04	0.029386%	6,987.40	1,385,557.80	1,939,775.56	3,325,333.36
330500	330500	121,658.28	170,321.18	291,979.46	0.008647%	3,095.94	4,334.30	0.006955%	9,012.06	9,012.13	0.015161%	3,604.81	133,766.28	187,272.42	321,038.70
330600	330608	904,416.32	1,266,182.84	2,170,599.16	0.064280%	29,970.29	41,958.48	0.067326%	11,649.99	11,650.01	0.019599%	4,660.07	946,036.60	1,324,451.40	2,270,488.00
330700	330708	678,392.20	949,747.58	1,628,139.78	0.048216%	33,813.35	47,338.88	0.075959%	29,848.30	29,848.22	0.050213%	11,939.24	742,053.85	1,038,873.92	1,780,927.77
330800	330808	555,893.57	778,250.09	1,334,143.66	0.039509%	26,065.98	36,492.25	0.058555%	24,495.41	24,495.41	0.041208%	9,798.14	606,454.96	849,035.89	1,455,490.85
330900	330908	438,003.34	613,203.51	1,051,206.85	0.031131%			0.000000%			0.000000%		438,003.34	613,203.51	1,051,206.85
331000	331008	2,095,495.80	2,933,690.30	5,029,186.10	0.148935%	71,721.10	100,409.55	0.161115%	72,125.26	72,125.19	0.121335%	28,850.04	2,239,342.16	3,135,075.08	5,374,417.24
331100	331100	26,493.21	37,090.12	63,583.33	0.001883%			0.000000%			0.000000%		26,493.21	37,090.12	63,583.33
331100	331108	12,867.86	18,014.98	30,882.84	0.000915%	5,302.66	7,423.71	0.011912%			0.000000%		18,170.52	25,438.69	43,609.21
331200	331208	289,801.94	405,723.34	695,525.28	0.020597%	14,508.82	20,312.30	0.032593%	3,400.22	3,400.11	0.005720%	1,360.34	307,710.98	430,796.09	738,507.07
331300	331308	880,339.75	1,232,474.05	2,112,813.80	0.062569%	5,916.65	8,283.32	0.013291%	50,949.41	50,949.49	0.085711%	20,379.65	937,205.81	1,312,086.51	2,249,292.32
331400	331408	229,102.87	320,743.68	549,846.55	0.016283%	4,856.62	6,799.26	0.010910%	2,033.62	2,033.61	0.003421%	813.48	235,993.11	330,390.03	566,383.14
331500	331500	287,794.73	402,912.29	690,707.02	0.020455%	7,559.94	10,583.96	0.016983%	10,208.33	10,208.30	0.017173%	4,083.31	305,563.00	427,787.86	733,350.86
331600	331608	364,362.05	510,105.98	874,468.03	0.025897%	13,524.31	18,933.97	0.030381%	4,491.77	4,491.73	0.007556%	1,796.69	382,378.13	535,328.37	917,706.50
331700	331708	209,277.12	292,989.17	502,266.29	0.014874%			0.000000%			0.001668%	396.64	210,268.68	294,377.37	504,646.05
331800	331800	42,971.05	60,159.40	103,130.45	0.003054%			0.000000%			0.004359%	1,036.34	45,561.94	63,786.57	109,348.51
331900	331900	27,318.45	38,244.62	65,563.07	0.001942%			0.004793%	2,133.52	2,986.93	0.004483%	114.96	29,739.25	41,633.67	71,372.92
331900	331908	220,154.65	308,214.30	528,368.95	0.015647%			0.000000%			0.000000%		220,154.65	308,214.30	528,368.95
332100	332108	270,149.77	378,208.74	648,358.51	0.019201%	19,912.44	27,877.12	0.044731%	8,771.24	8,771.11	0.014755%	3,508.38	298,833.45	418,365.35	717,198.80
332200	332200	136,528.47	191,135.54	327,664.01	0.009703%			0.001071%	3,282.96	3,282.91	0.005523%	1,313.18	140,288.41	196,399.39	336,687.80
332200	332208	563,939.11	789,515.26	1,353,454.37	0.040081%	15,881.44	22,234.03	0.035676%	5,751.20	5,751.20	0.009675%	2,300.48	585,571.75	819,800.97	1,405,372.72
332300	332300	42,481.64	59,475.50	101,957.14	0.003019%			0.000000%			0.001289%	306.52	43,247.89	60,548.28	103,796.17
332300	332308	508,874.47	712,427.73	1,221,302.20	0.036168%	48,631.48	68,084.27	0.109247%	39,992.10	39,992.33	0.067278%	15,996.90	597,498.05	836,501.23	1,433,999.28
332400	332408	4,707,674.42	6,590,729.57	11,298,403.99	0.334592%	246,636.49	345,290.44	0.554046%	287,089.80	287,089.55	0.482965%	114,835.74	5,241,400.71	7,337,945.30	12,579,346.01
332400	332410	7,170.50	10,038.71	17,209.21	0.000510%			0.000000%			0.000000%		7,170.50	10,038.71	17,209.21
332500	332508	307,627.58	430,678.20	738,305.78	0.021864%	4,253.68	5,955.13	0.009555%	606.66	606.71	0.001021%	242.68	312,487.92	437,482.72	749,970.64
333100	333108	1,043,932.87	1,461,502.69	2,505,435.56	0.074196%	44,804.88	62,726.87	0.100650%	22,541.90	22,541.92	0.037922%	9,016.70	1,111,279.65	1,555,788.18	2,667,067.83
333300	333300	297,273.51	416,182.20	713,455.71	0.021128%	17,853.25	24,994.59	0.040106%	88.21	88.20	0.000148%	35.31	315,214.97	441,300.30	756,515.27
333500	333508	1,237,329.27	1,732,261.00	2,969,590.27	0.087942%	30,095.31	42,133.45	0.067607%	12,747.17	12,747.24	0.021444%	5,098.75	1,280,171.75	1,792,240.44	3,072,412.19
333600	333600	63,383.43	88,736.33	152,119.76	0.004505%			0.006509%	312.50	312.51	0.000526%	124.99	66,593.32	93,230.14	159,823.46
333600	333608	247,633.18	346,686.06	594,319.24	0.017600%			0.000000%	9,349.19	9,349.10	0.015728%	3,739.68	256,982.37	359,774.84	616,757.21
333700	333708	390,733.32	547,026.83	937,760.15	0.027771%			0.001888%	8,085.53	8,085.56	0.013602%	3,234.25	399,659.33	559,523.36	959,182.69
333800	333800	121,517.56	170,123.81	291,641.37	0.008637%			0.000792%	4,068.76	4,068.80	0.006845%	1,627.47	125,938.91	176,313.65	302,252.56
333900	333900	29,648.80	41,508.72	71,157.52	0.002107%			0.013392%			0.000000%		35,610.55	49,854.86	85,465.41
333900	333908	123,843.72	173,380.70	297,224.42	0.008802%			0.000000%	4,452.47	4,452.46	0.007490%	1,780.97	128,296.19	179,614.13	307,910.32
334000	334008	259,747.85	363,645.96	623,393.81	0.018461%	5,409.91	7,573.89	0.012153%	80.00	79.97	0.000135%	32.01	265,237.76	371,331.83	636,569.59
334100	334100	35,835.49	50,169.27	86,004.76	0.002547%			0.000000%			0.000000%		50,169.27	86,004.76	136,174.03
334200	334208	273,001.98	382,200.59	655,202.57	0.019403%	33,919.02	47,486.61	0.076196%	4,995.65	4,995.61	0.008404%	1,998.24	311,916.65	436,681.05	748,597.70
334300	334300	588,091.44	823,326.20	1,411,417.64	0.041798%	16,932.50	23,705.44	0.038037%	11,339.21	11,339.23	0.019076%	4,535.69	616,363.15	862,906.56	1,479,269.71
334400	334400	107,599.06	150,637.26	258,236.32	0.007647%			0.001984%	890.30	890.30	0.001498%	356.13	109,372.69	153,120.14	262,492.83
334400	334408	784,538.82	1,098,354.43	1,882,893.25	0.055760%	16,034.12	22,447.79	0.036019%	27,830.03	27,829.99	0.046818%	11,132.03	828,402.97	1,159,764.24	1,988,167.21
334600	334608	1,121,165.08	1,569,625.21	2,690,790.29	0.079685%	27,917.58	39,084.61	0.062714%	18,765.99	18,765.72	0.031569%	7,506.38	1,167,848.65	1,634,981.92	2,802,830.57
334700	334700	54,137.17	75,790.58	129,927.7											

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
335300	335308	209,805.24	293,726.60	503,531.84	0.014912%	9,962.60	13,947.63	0.022380%	7,193.12	7,193.12	0.012101%	2,877.15	226,960.96	317,744.50	544,705.46
336100	336108	2,256,809.47	3,159,527.53	5,416,337.00	0.160400%	33,553.20	46,974.41	0.075374%	31,322.83	31,322.96	0.052694%	12,529.03	2,321,685.50	3,250,353.93	5,572,039.43
337100	337100	911,954.66	1,276,736.08	2,188,690.74	0.064816%	5,706.29	7,988.80	0.012819%	38,151.10	38,151.13	0.064181%	15,260.49	955,812.05	1,338,136.50	2,293,948.55
340000	340008	27,920,329.70	39,085,413.21	67,005,742.91	1.984313%	830,692.60	1,162,955.98	1.866057%	832,328.40	832,327.65	1.400209%	335,935.61	29,583,350.70	41,416,632.45	70,999,983.15
350000	350000	-	-	-	0.000000%	-	-	0.000000%	-	-	0.000000%	-	-	-	-
350000	350008	12,170,954.72	17,039,268.83	29,210,223.55	0.865034%	216,012.44	302,417.33	0.485253%	263,260.14	263,260.33	0.442878%	105,356.00	12,650,227.30	17,710,302.49	30,360,529.79
350000	959208	1,076,138.72	1,498,315.24	2,574,453.96	0.076240%	-	-	0.000000%	-	-	0.000000%	-	1,076,138.72	1,498,315.24	2,574,453.96
360000	360000	-	-	-	0.000000%	-	-	0.000000%	-	-	0.000000%	-	-	-	-
360000	360008	7,717,775.48	10,804,083.76	18,521,859.24	0.548508%	238,448.09	333,827.38	0.535653%	304,972.85	304,975.46	0.513055%	122,787.13	8,261,196.42	11,565,673.73	19,826,870.15
370100	370100	448,028.88	627,228.70	1,075,257.58	0.031843%	16,360.55	22,904.75	0.036753%	33,562.12	33,561.99	0.056461%	13,424.95	497,951.55	697,120.39	1,195,071.94
370100	370108	903,681.18	1,265,150.11	2,168,831.29	0.064228%	43,214.09	60,499.51	0.097076%	49,548.38	49,548.20	0.083354%	19,819.38	996,443.65	1,395,017.20	2,391,460.85
370200	370208	26,813.67	37,539.09	64,352.76	0.001906%	-	-	0.000000%	-	-	0.000000%	-	26,813.67	37,539.09	64,352.76
370300	370300	138,836.86	194,371.90	333,208.76	0.009868%	-	-	0.000000%	-	-	0.000000%	-	138,836.86	194,371.90	333,208.76
370400	370408	57,569.24	80,598.27	138,167.51	0.004092%	430.36	602.50	0.000967%	6,891.17	6,891.18	0.011593%	2,756.52	64,890.77	90,848.47	155,739.24
370500	370508	490,673.97	686,942.61	1,177,616.58	0.034874%	24,298.99	34,018.64	0.054586%	30,414.41	30,414.36	0.051166%	12,165.71	545,387.37	763,541.32	1,308,928.69
370600	370608	4,127.18	5,778.11	9,905.29	0.000293%	2,630.00	3,682.12	0.005908%	-	-	0.000000%	-	4,127.18	5,778.11	9,905.29
370700	370708	962,098.01	1,346,935.90	2,309,033.91	0.068380%	92,185.06	129,058.71	0.207085%	42,827.70	42,827.38	0.072048%	17,131.30	1,097,110.77	1,535,953.29	2,633,064.06
370800	370800	68,947.08	96,525.90	165,472.98	0.004900%	7,539.48	10,555.27	0.016937%	7,411.18	7,411.04	0.012467%	2,964.46	83,897.74	117,456.67	201,354.41
370900	370908	3,472,562.17	4,861,574.36	8,334,136.53	0.246808%	119,386.12	167,140.08	0.268190%	104,796.57	104,796.59	0.176297%	41,918.52	3,696,744.86	5,175,429.55	8,872,174.41
371000	371000	101,019.97	141,427.79	242,447.76	0.007180%	8,460.59	11,844.83	0.019006%	4,280.22	4,280.17	0.007200%	1,712.13	113,760.78	159,264.92	273,025.70
371100	371108	695,633.02	973,884.06	1,669,517.08	0.049441%	244.92	342.89	0.000550%	64,142.00	64,142.12	0.107905%	25,656.35	760,019.94	1,064,025.42	1,824,045.36
371200	371208	8,461.37	11,845.92	20,307.29	0.000601%	-	-	0.000000%	-	-	0.000000%	-	8,461.37	11,845.92	20,307.29
371300	371308	686,623.83	961,273.05	1,647,896.88	0.048801%	14,580.84	20,413.15	0.032755%	22,357.24	22,357.19	0.037611%	8,942.87	723,561.91	1,012,986.26	1,736,548.17
371400	371400	21,098.51	29,537.75	50,636.26	0.001500%	6,529.11	9,140.60	0.014667%	-	-	0.000000%	-	21,098.51	29,537.75	50,636.26
371600	371608	19,700.14	27,580.30	47,280.44	0.001400%	-	-	0.000000%	-	-	0.000000%	-	19,700.14	27,580.30	47,280.44
371700	371700	205,418.46	287,585.19	493,003.65	0.014600%	7,120.87	9,969.20	0.015996%	8,168.14	8,168.14	0.013741%	3,267.23	220,707.47	308,989.76	529,697.23
371800	371808	19,107.40	26,750.12	45,857.52	0.001358%	-	-	0.000000%	-	-	0.000000%	-	19,107.40	26,750.12	45,857.52
371900	371908	438,279.38	613,589.30	1,051,868.68	0.031150%	26,124.11	36,574.00	0.058686%	10,297.60	10,297.70	0.017324%	4,118.93	474,701.09	664,579.93	1,139,281.02
372000	372000	90,062.22	126,087.02	216,149.24	0.006401%	-	-	0.000000%	-	-	0.000000%	-	90,062.22	126,087.02	216,149.24
372100	372108	72,872.20	102,021.32	174,893.52	0.005179%	-	-	0.000000%	-	-	0.002060%	489.90	74,096.93	103,735.96	177,832.89
372200	372208	103,520.91	144,929.18	248,450.09	0.007358%	3,172.07	4,440.92	0.007126%	14,857.42	14,857.45	0.024994%	5,942.95	121,550.40	170,170.50	291,720.90
372300	372300	199,641.85	279,496.99	479,138.84	0.014189%	-	-	0.000000%	-	-	0.020852%	4,958.04	212,037.07	296,850.15	508,887.22
372400	372400	105,577.23	147,806.11	253,383.34	0.007504%	-	-	0.000000%	-	-	0.006627%	1,575.65	109,516.46	153,320.91	262,837.37
372500	372508	612,482.69	857,474.94	1,469,957.63	0.043531%	34,332.61	48,065.65	0.077125%	46,420.55	46,420.48	0.078092%	18,568.14	693,235.85	970,529.21	1,663,765.06
372600	372600	153,855.44	215,397.40	369,252.84	0.010935%	6,650.63	9,310.83	0.014940%	-	-	0.000000%	-	153,855.44	215,397.40	369,252.84
372600	372608	-	-	-	0.000000%	-	-	0.000000%	-	-	0.000000%	-	-	-	-
372700	372708	293,231.35	410,524.30	703,755.65	0.020841%	5,072.53	7,101.57	0.011395%	4,774.07	4,774.07	0.008031%	1,909.62	303,077.95	424,309.56	727,387.51
372800	372800	13,100.32	18,340.42	31,440.74	0.000931%	-	-	0.000000%	-	-	0.000000%	-	13,100.32	18,340.42	31,440.74
372900	372908	288,669.54	404,136.91	692,806.45	0.020517%	3,739.69	5,235.55	0.008401%	5,462.73	5,462.74	0.009190%	2,185.10	297,871.96	417,020.30	714,892.26
373000	373000	31,431.58	44,004.24	75,435.82	0.002234%	-	-	0.000000%	-	-	0.000000%	-	31,431.58	44,004.24	75,435.82
373100	373108	141,633.88	198,287.28	339,921.16	0.010066%	14,611.77	20,456.51	0.032824%	3,428.32	3,428.32	0.005767%	1,371.33	159,673.97	223,543.44	383,217.41
373200	373200	49,423.24	69,192.39	118,615.63	0.003513%	-	-	0.000000%	-	-	0.000000%	-	49,423.24	69,192.39	118,615.63
373300	373308	130,091.34	182,127.80	312,219.14	0.009246%	1,420.82	1,989.18	0.003192%	-	-	0.000000%	-	131,512.16	184,116.98	315,629.14
373400	373400	17,185.41	24,059.59	41,245.00	0.001221%	-	-	0.000000%	-	-	0.004013%	954.25	19,571.08	27,399.53	46,970.61
373500	373500	65,278.96	91,390.08	156,669.04	0.004640%	2,829.32	3,960.98	0.006356%	-	-	0.000000%	-	65,278.96	91,390.08	156,669.04
373700	373700	82,472.00	115,460.45	197,932.45	0.005862%	-	-	0.000000%	-	-	0.025690%	6,108.06	97,742.61	136,839.29	234,581.90
373900	373908	83,891.44	117,448.05	201,339.49	0.005962%	6,145.09	8,603.12	0.013804%	-	-	0.000000%	-	83,891.44	117,448.05	201,339.49
374000	374008	60,823.56	85,153.24	145,976.80	0.004323%	-	-	0.000000%	-	-	0.000000%	-	60,823.56	85,153.24	145,976.80
374100	374108	30,213.78	42,476.70	72,690.48	0.002153%	-	-	0.000000%	-	-	0.000000%	(177.34)	30,213.78	42,299.36	72,513.14
374200	374208	70,069.14	98,096.76	168,165.90	0.004980%	-	-	0.000000%	-	-	0.010991%	2,613.32	76,602.42	107,243.36	183,845.78
374500	374500	135,023.00	189,032.05	324,055.05	0.009597%	-	-	0.000000%	-	-	0.026609%	6,326.75	150,840.00	211,175.77	362,015.77
374500	374508	4,055.09	5,677.08	9,732.17	0.000288%	-	-	0.000000%	-	-	0.000000%	-	4,055.09	5,677.08	9,732.17
374600	374600	51,578.63	72,209.98	123,788.61	0.003666%	-	-	0.000000%	-	-	0.000000%	-	51,578.63	72,209.98	123,788.61
374700	374708	18,783.12	26,296.29	45,079.41	0.001335%	3,434.83	4,808.76	0.007716%	-	-	0.000000%	-	18,783.12	26,296.29	45,079.41
374900	374900	3,593.76	5,031.24	8,625.00	0.000255%	-	-	0.000000%	-	-	0.005179%	1,231.36	6,672.13	9,340.97	16,013.10
375000	375008	79,207.10	110,890.03	190,097.13	0.005630%	6,876.04	9,626.44	0.015446%	-	-	0.000000%	-	79,207.10	110,890.03	190,097.13
375100	375100	33,122.75	46,372.01	79,494.76	0.002354%	-	-	0.000000%	-	-	0.000000%	-	33,122.75	46,372.01	79,494.76
375200	375200	33,338.05	46,672.90	80,010.95	0.002369%	-	-	0.000000%	-	-	0.000000%	-	33,338.05	46,672.90	80,010.95
375300	375308	97,721.95	136,810.63	234,532.58	0.006945%	1,210.39	1,694.53	0.002719%	5,551.82	5,551.82	0.009340%	2,220.66	104,484.16	146,277.64	250,761.80
375400	375400	52,157.49	73,020.52	125,178.01	0.003707%	-	-	0.000000%	-	-	0.000000%	-	52,157.49	73,020.52	125,178.01
375600	375600	31,307.34	43,830.28	75,137.62	0.002225%	-</									

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
376000	376008	7,158.43	10,021.82	17,180.25	0.000509%												
376100	376108	11,644.33	16,302.03	27,946.36	0.000828%												
376200	376208	13,653.02	19,114.36	32,767.38	0.000970%												
376300	376308	17,256.41	24,158.78	41,415.19	0.001226%												
376500	376508	22,253.77	31,154.76	53,408.53	0.001582%												
377000	377008	19,507.54	27,310.32	46,817.86	0.001386%	5,918.55	8,285.99	0.013296%					0.42				
377100	377100	4,611.20	6,455.68	11,066.88	0.000328%												
377200	377200	5,960.60	8,344.84	14,305.44	0.000424%												
377300	377308	20,355.84	28,497.96	48,853.80	0.001447%												
377400	377408	3,402.03	4,762.96	8,164.99	0.000242%												
377500	377508	66,594.69	93,232.50	159,827.19	0.004733%	4,069.60	5,697.43	0.009142%	3,751.60	3,751.60	0.006311%	1,500.64					
400000	400000	1,399.92	1,960.08	3,360.00	0.000100%												
400100	400100	13,454.76	18,836.67	32,291.43	0.000956%												
400200	400200	73,920.49	103,489.05	177,409.54	0.005254%												
400400	400400	-	-	-	0.000000%												
400400	400408	40,493.24	56,690.39	97,183.63	0.002878%												
400500	400500	1,998.30	2,797.60	4,795.90	0.000142%												
400600	400600	4,712.63	6,597.75	11,310.38	0.000335%	720.00	1,008.00	0.001617%									
400700	400700	17,250.79	24,151.02	41,401.81	0.001226%												
400800	400800	5,297.96	7,417.24	12,715.20	0.000377%	120.00	168.00	0.000270%	120.00	120.00	0.000202%	48.00					
400900	400900	14,263.98	19,929.38	34,193.36	0.001013%	692.50	965.00	0.001548%	1,680.00	1,680.00	0.002826%	672.00					
401100	401108	133,185.22	186,459.10	319,644.32	0.009466%												
401200	401200	10,358.62	14,501.69	24,860.31	0.000736%												
401300	401308	20,931.35	29,303.40	50,234.75	0.001488%												
401400	401400	2,982.74	4,175.81	7,158.55	0.000212%												
401600	401600	3,784.25	5,297.95	9,082.20	0.000269%												
401700	401700	20,023.45	28,032.73	48,056.18	0.001423%	5,640.10	7,896.00	0.012670%	180.00	180.00	0.000303%	72.00					
401800	401800	31,562.84	44,187.93	75,750.77	0.002243%												
401900	401900	10,229.26	14,320.91	24,550.17	0.000727%	6,197.01	8,675.85	0.013921%	8,884.59	8,884.57	0.014946%	3,553.81					
402000	402000	120.00	168.00	288.00	0.000009%												
402100	402100	29,968.53	41,955.42	71,923.95	0.002130%												
402200	402200	17,369.29	24,316.94	41,686.23	0.001234%												
402300	402300	11,531.71	16,144.33	27,676.04	0.000820%												
402400	402400	79,854.32	111,795.40	191,649.72	0.005676%												
402500	402508	237,457.15	332,439.53	569,896.68	0.016877%	11,147.90	15,607.12	0.025043%	10,086.23	10,086.35	0.016968%	4,034.35					
402600	402600	19,603.25	27,443.97	47,047.22	0.001393%												
402700	402700	16,333.56	22,867.00	39,200.56	0.001161%												
402800	402800	11,459.17	16,042.72	27,501.89	0.000814%	3,167.40	4,434.32	0.007115%									
402900	402908	819.96	1,147.97	1,967.93	0.000058%												
403100	403100	56,491.55	79,088.14	135,579.69	0.004015%												
403200	403200	4,844.20	6,781.88	11,626.08	0.000344%												
403300	403300	17,946.11	25,124.01	43,070.12	0.001275%												
403800	403800	9,713.96	13,599.62	23,313.58	0.000690%												
403900	403900	420.00	588.00	1,008.00	0.000030%												
404000	404000	20,236.50	28,330.80	48,567.30	0.001438%	369.85	517.79	0.000831%	495.60	495.56	0.000834%	198.23					
404100	404108	68,695.34	96,172.97	164,868.31	0.004882%												
404200	404200	446.70	625.38	1,072.08	0.000032%												
404300	404300	138,235.14	193,528.11	331,763.25	0.009825%	722.26	1,011.17	0.001623%	67.13	67.13	0.000113%	26.85					
404500	404500	14,513.48	20,318.85	34,832.33	0.001032%												
404600	404600	33,847.23	47,386.14	81,233.37	0.002406%												
404700	404700	814.00	1,139.60	1,953.60	0.000058%												
404900	404900	45,259.44	63,363.19	108,622.63	0.003217%	500.04	699.99	0.001123%	1,201.21	1,201.22	0.002021%	480.47					
405100	405100	1,584.24	2,217.84	3,802.08	0.000113%												
405200	405200	5,697.10	7,976.00	13,673.10	0.000405%												
405300	405300	16,687.79	23,362.90	40,050.69	0.001186%												
405400	405408	85,478.46	119,670.12	205,148.58	0.006075%												
405500	405500	13,054.35	18,275.99	31,330.34	0.000928%												
405500	405508	1,544.04	2,161.56	3,705.60	0.000110%												
405600	405600	458.76	642.26	1,101.02	0.000033%												
406100	406108	42,595.43	59,633.29	102,228.72	0.003027%	1,718.86	2,406.37	0.003861%	150.00	150.12	0.000253%	59.88					
406200	406200	16,669.80	23,337.59	40,007.39	0.001185%	422.95	592.11	0.000950%	1,276.99	1,277.00	0.002148%	510.79					
406300	406300	908.30	1,271.62	2,179.92	0.000065%												
406400	406400	5,721.37	8,009.93	13,731.30	0.000407%												
406600	406600	33,866.43	47,412.89	81,279.32	0.002407%												
406700	406700	2,153.25	3,014.55	5,167.80	0.000153%												

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
406800	406800	889.90	1,228.38	2,118.28	0.000063%			0.000000%			0.000000%	17.46	889.90	1,245.84	2,135.74
406900	406900	3,296.15	4,614.61	7,910.76	0.000234%			0.000000%			0.000000%		3,296.15	4,614.61	7,910.76
407100	407100	8,604.90	12,046.92	20,651.82	0.000612%			0.000000%			0.000000%		8,604.90	12,046.92	20,651.82
407200	407200	48,974.51	68,563.81	117,538.32	0.003481%	1,835.08	2,569.08	0.004122%			0.000000%		50,809.59	71,132.89	121,942.48
407200	407208	8,490.48	11,886.48	20,376.96	0.000603%			0.000000%			0.000000%		8,490.48	11,886.48	20,376.96
407300	407300	42,333.73	59,266.95	101,600.68	0.003009%	51.50	72.10	0.000116%			0.000000%	144.00	42,745.23	59,843.05	102,588.28
407400	407400	14,537.21	20,352.13	34,889.34	0.001033%			0.000000%			0.000101%	24.00	14,597.21	20,436.13	35,033.34
407500	407500	22,504.55	31,506.24	54,010.79	0.001599%			0.000000%			0.000000%		22,504.55	31,506.24	54,010.79
407600	407600	1,380.00	1,932.00	3,312.00	0.000098%			0.000000%			0.000000%		1,380.00	1,932.00	3,312.00
407700	407700	122,349.19	171,289.00	293,638.19	0.008696%	2,475.24	3,465.32	0.005560%	1,076.04	1,076.04	0.001810%	430.32	125,900.47	176,260.68	302,161.15
407800	407800	8,211.99	11,496.69	19,708.68	0.000584%	69.00	96.60	0.000155%			0.000116%	27.60	8,349.99	11,689.89	20,039.88
407900	407900	400.03	560.13	960.16	0.000028%			0.000000%			0.000212%	50.16	525.65	736.02	1,261.67
408000	408000	570.00	798.00	1,368.00	0.000041%			0.000000%			0.000673%	160.08	969.96	1,358.04	2,328.00
408200	408200	7,873.46	11,022.73	18,896.19	0.000560%			0.000000%			0.000000%		7,873.46	11,022.73	18,896.19
408300	408300	16,399.75	22,959.52	39,359.27	0.001166%			0.000000%			0.000000%		16,399.75	22,959.52	39,359.27
408400	408400	76,143.90	106,601.53	182,745.43	0.005412%	413.76	579.24	0.000929%			0.000000%		76,557.66	107,180.77	183,738.43
408500	408508	11,145.77	15,604.04	26,749.81	0.000792%	2,800.00	3,920.00	0.006290%	151.53	151.53	0.000255%	60.62	14,097.30	19,736.19	33,833.49
408600	408608	63,035.06	88,249.24	151,284.30	0.004480%	67.20	94.08	0.000151%			0.000000%		63,102.26	88,343.32	151,445.58
408700	408700	29,264.20	40,969.70	70,233.90	0.002080%	4,365.18	6,111.27	0.009806%			0.000000%		33,629.38	47,080.97	80,710.35
408800	408808	8,184.38	11,458.16	19,642.54	0.000582%			0.000000%			0.000000%		8,184.38	11,458.16	19,642.54
408900	408900	3,167.27	4,434.17	7,601.44	0.000225%			0.000000%			0.000000%		3,167.27	4,434.17	7,601.44
409000	409000	1,771.71	2,479.83	4,251.54	0.000126%			0.000000%			0.000000%		1,771.71	2,479.83	4,251.54
409000	409008	25,935.46	36,309.58	62,245.04	0.001843%			0.000000%			0.000000%		25,935.46	36,309.58	62,245.04
409200	409200	29,633.50	41,486.56	71,120.06	0.002106%			0.000000%			0.000000%		29,633.50	41,486.56	71,120.06
409300	409300	-	-	-	0.000000%			0.000000%			0.000000%				
409400	409400	-	-	-	0.000000%			0.000000%			0.000000%				
409400	409408	84,071.36	117,699.46	201,770.82	0.005975%			0.000000%			0.000000%		84,071.36	117,699.46	201,770.82
409600	409600	34,368.65	48,116.03	82,484.68	0.002443%			0.000000%			0.000000%		34,368.65	48,116.03	82,484.68
409700	409708	106,688.92	149,364.90	256,053.82	0.007583%			0.000000%			0.000000%		106,688.92	149,364.90	256,053.82
409800	409800	45,494.40	63,692.28	109,186.68	0.003233%	162.93	228.10	0.000366%			0.000000%		45,657.33	63,920.38	109,577.71
410000	410000	8,227.11	11,517.87	19,744.98	0.000585%			0.000000%			0.000000%		8,227.11	11,517.87	19,744.98
410300	410300	155,837.41	218,171.99	374,009.40	0.011076%	1,043.03	1,460.18	0.002343%			0.000000%		156,880.44	219,632.17	376,512.61
410500	410500	5,011.23	7,015.91	12,027.14	0.000356%			0.000000%			0.000000%		5,011.23	7,015.91	12,027.14
410700	410700	124,738.39	174,633.87	299,372.26	0.008866%			0.000000%	910.67	910.66	0.001532%	364.26	125,649.06	175,908.79	301,557.85
411200	411200	5,867.60	8,214.64	14,082.24	0.000417%			0.000000%			0.000000%		5,867.60	8,214.64	14,082.24
411300	411300	1,490.50	2,086.70	3,577.20	0.000106%			0.000000%			0.000000%		1,490.50	2,086.70	3,577.20
411400	411400	458.78	642.29	1,101.07	0.000033%			0.000000%	1,320.00	1,320.00	0.002221%	528.00	1,778.78	2,490.29	4,269.07
411500	411500	20,826.09	29,156.51	49,982.60	0.001480%	4,073.50	5,702.90	0.009151%			0.000000%		24,899.59	34,859.41	59,759.00
411600	411600	249.96	350.04	600.00	0.000018%			0.000000%	357.50	357.51	0.000601%	142.99	607.46	850.54	1,458.00
411800	411800	220.00	308.00	528.00	0.000016%			0.000000%			0.000000%		220.00	308.00	528.00
411900	411900	29,514.93	41,320.83	70,835.76	0.002098%			0.000000%	2,683.86	2,683.88	0.004515%	1,073.52	32,198.79	45,078.23	77,277.02
412100	412100	16,467.82	23,054.49	39,522.31	0.001170%	199.13	278.78	0.000447%	136.50	136.57	0.000230%	54.53	16,803.45	23,524.37	40,327.82
412200	412208	67,221.34	94,109.70	161,331.04	0.004778%			0.000000%			0.000000%		67,221.34	94,109.70	161,331.04
412400	412408	82,253.56	115,154.38	197,407.94	0.005846%	2,974.14	4,163.76	0.006681%			0.000000%		85,227.70	119,318.14	204,545.84
412500	412500	71,606.92	100,249.66	171,856.58	0.005089%	4,714.58	6,600.41	0.010591%			0.000000%		76,321.50	106,850.07	183,171.57
412600	412600	1,420.00	1,988.00	3,408.00	0.000101%			0.000000%			0.000000%		1,420.00	1,988.00	3,408.00
412700	412700	25,393.24	35,550.34	60,943.58	0.001805%			0.000000%	994.92	994.96	0.001674%	397.93	26,388.16	36,943.23	63,331.39
412800	412800	91,843.39	128,580.42	220,423.81	0.006528%	14,450.48	20,230.62	0.032462%	1,294.16	1,294.16	0.002177%	517.62	107,588.03	150,622.82	258,210.85
412900	412900	1,067.10	1,067.10	2,134.20	0.000063%			0.000000%			0.000000%		1,067.10	1,493.94	2,561.04
412900	412908	181,316.18	254,269.61	435,585.79	0.012899%	17,475.14	24,465.22	0.039256%	8,737.28	8,737.30	0.014699%	3,068.07	207,528.60	290,540.20	498,068.80
413000	413000	168,099.15	235,338.65	403,437.80	0.011947%	6,166.85	8,633.57	0.013853%	7,046.71	7,046.62	0.011854%	2,818.72	181,312.71	253,837.56	435,150.27
413100	413100	1,882.50	2,635.50	4,518.00	0.000134%			0.000000%			0.000000%		1,882.50	2,635.50	4,518.00
413400	413408	47,413.28	66,378.41	113,791.69	0.003370%	5,746.76	8,045.46	0.012910%			0.000000%		53,160.04	74,423.87	127,583.91
413400	981308	984.47	1,370.71	2,355.18	0.000070%			0.000000%			0.000000%		984.47	1,370.71	2,355.18
413600	413600	20,479.20	28,671.55	49,150.75	0.001456%	1,490.73	2,087.01	0.003349%			0.000000%		21,969.93	30,758.56	52,728.49
413600	413608	102,280.09	143,191.85	245,471.94	0.007269%	7,364.14	10,309.79	0.016543%			0.000000%		109,644.23	153,501.64	263,145.87
413700	413708	70,040.59	98,056.76	168,097.35	0.004978%			0.000000%	4,524.01	4,524.00	0.007611%	1,809.64	74,564.60	104,390.40	178,955.00
413800	413800	14,789.61	20,705.26	35,494.87	0.001051%			0.000000%	420.75	420.72	0.000708%	168.30	15,210.36	21,294.28	36,504.64
414000	414000	63,440.81	88,816.75	152,257.56	0.004509%			0.000000%			0.000000%		63,440.81	88,816.75	152,257.56
414000	414008	4,846.27	6,784.65	11,630.92	0.000344%			0.000000%			0.000000%		4,846.27	6,784.65	11,630.92
414100	414100	13,870.84	19,418.87	33,289.71	0.000986%			0.000000%			0.000000%		13,870.84	19,418.87	33,289.71
414200	414200	3,518.84	4,926.36	8,445.20	0.000250%			0.000000%			0.000000%		3,518.84	4,926.36	8,445.20
414400	414400	2,899.02	4,058.63	6,957.65	0.000206%	684.00	957.60	0.001537%			0.000000%		3,583.02	5,016.23	8,599.25
414500	414500	840.00	1,176.00	2,016.00	0.000060%			0.000000%			0.000000%		840.00	1,176.00	2,016.00
414700	414700	18,450.80	25,831.07	44,281.87	0.001311%			0.000000%	4,158.33	4,158.18	0.006995%	1,663.34	22,609.13	31,652.59	54,261.72

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions	
414900	414900	27,578.51	38,609.86	66,188.37	0.001960%			0.000000%								
415200	415200	885.00	1,239.01	2,124.01	0.000063%	650.00	910.00	0.001460%								
415300	415308	209,410.26	293,173.96	502,584.22	0.014884%	72.00	100.80	0.000162%				2,593.40	215,965.75	302,351.63	518,317.38	
415500	415508	353,296.11	494,614.61	847,910.72	0.025110%	25,800.80	36,121.13	0.057959%	6,483.49	6,483.47	0.010907%	1,767.38	383,515.39	536,921.60	920,436.99	
415800	415800	2,076.33	2,906.84	4,983.17	0.000148%			0.000000%					2,076.33	2,906.84	4,983.17	
415900	415900	9,464.58	13,250.40	22,714.98	0.000673%			0.000000%					9,464.58	13,250.40	22,714.98	
416200	416200	13,435.45	18,809.64	32,245.09	0.000955%			0.000000%					13,435.45	18,809.64	32,245.09	
416300	416300	7,844.80	10,982.67	18,827.47	0.000558%			0.000000%					7,844.80	10,982.67	18,827.47	
416500	416500	2,605.55	3,647.77	6,253.32	0.000185%	3,621.15	5,069.61	0.008135%					6,226.70	8,717.38	14,944.08	
416600	416600	4,435.15	6,209.21	10,644.36	0.000315%			0.000000%					4,435.15	6,209.21	10,644.36	
416700	416700	1,654.94	2,316.90	3,971.84	0.000118%			0.000000%	2,220.00	2,220.00	0.003735%	888.00	3,874.94	5,424.90	9,299.84	
416900	416900	13,335.55	18,669.77	32,005.32	0.000948%			0.000000%					13,335.55	18,669.77	32,005.32	
417000	417008	8,133.63	11,387.04	19,520.67	0.000578%			0.000000%					8,133.63	11,387.04	19,520.67	
417100	417100	4,270.30	5,978.42	10,248.72	0.000304%	900.00	1,260.00	0.002022%					5,170.30	7,238.42	12,408.72	
417200	417208	157,716.22	220,802.67	378,518.89	0.011209%	13,782.57	19,295.62	0.030961%	7,980.63	7,980.69	0.013426%	3,192.31	179,479.42	251,271.29	430,750.71	
417200	983608	36,572.50	50,920.24	87,492.74	0.002591%			0.000000%					36,572.50	50,920.24	87,492.74	
417300	417300	57,357.18	80,299.90	137,657.08	0.004077%			0.000000%					57,357.18	80,299.90	137,657.08	
417700	417700	7,356.55	10,299.26	17,655.81	0.000523%			0.000000%	168.00	168.00	0.000283%	67.20	7,524.55	10,534.46	18,059.01	
417900	417900	1,042.00	1,458.81	2,500.81	0.000074%			0.000000%					1,042.00	1,458.81	2,500.81	
418000	418008	4,627.75	6,478.78	11,106.53	0.000329%			0.000000%					4,627.75	6,478.78	11,106.53	
418300	418308	48,808.22	68,331.27	117,139.49	0.003469%			0.000000%	5,688.56	5,688.56	0.009570%	2,275.43	54,496.78	76,295.26	130,792.04	
418500	418500	5,848.72	8,188.20	14,036.92	0.000416%			0.000000%					5,848.72	8,188.20	14,036.92	
418800	418808	81,080.72	113,513.03	194,593.75	0.005763%	195.80	274.11	0.000440%	4,083.57	4,083.64	0.006870%	1,633.41	85,360.09	119,504.19	204,864.28	
418900	418900	4,812.54	6,737.46	11,550.00	0.000342%			0.000000%					4,812.54	6,737.46	11,550.00	
419100	419100	245,407.68	343,568.18	588,975.86	0.017442%	1,918.09	2,685.32	0.004309%	10,469.09	10,469.08	0.017612%	4,187.65	257,794.86	360,910.23	618,705.09	
419400	419400	26,508.01	37,111.15	63,619.16	0.001884%	4,799.04	6,718.65	0.010781%	180.00	180.00	0.000303%	72.00	31,487.05	44,081.80	75,568.85	
419700	419700	41,414.33	57,979.79	99,394.12	0.002943%			0.000000%					41,414.33	57,979.79	99,394.12	
419800	419800	9.90	13.86	23.76	0.000001%			0.000000%					9.90	13.86	23.76	
419900	419900	19,021.37	26,629.97	45,651.34	0.001352%			0.000000%					19,021.37	26,629.97	45,651.34	
420000	420000	12,920.51	18,089.11	31,009.62	0.000918%			0.000000%	242.00	242.00	0.000407%	96.80	13,162.51	18,427.91	31,590.42	
420200	420208	23,471.80	32,860.38	56,332.18	0.001668%			0.000000%					23,471.80	32,860.38	56,332.18	
420300	420300	4,659.30	6,522.27	11,182.27	0.000331%			0.000000%					4,659.30	6,522.27	11,182.27	
420500	420500	10,080.24	14,112.34	24,192.58	0.000716%	1,752.00	2,452.80	0.003936%	397.88	397.88	0.000669%	159.15	12,230.12	17,122.17	29,352.29	
420700	420700	14,952.78	20,933.83	35,886.61	0.001063%	1,439.90	2,016.04	0.003235%	880.00	880.00	0.001480%	352.00	17,272.68	24,181.87	41,454.55	
420700	420708	73,082.30	102,315.25	175,397.55	0.005194%			0.000000%					73,082.30	102,315.25	175,397.55	
420800	420800	1,080.00	1,512.00	2,592.00	0.000077%			0.000000%					1,080.00	1,512.00	2,592.00	
420900	420900	47,862.67	67,007.67	114,870.34	0.003402%	3,131.55	4,384.16	0.007035%					50,994.22	71,391.83	122,386.05	
421200	421200	35,458.56	49,641.91	85,100.47	0.002520%			0.000000%					35,458.56	49,641.91	85,100.47	
421300	421300	3,690.00	5,166.00	8,856.00	0.000262%			0.000000%					3,690.00	5,166.00	8,856.00	
421400	421400	28,665.79	40,131.77	68,797.56	0.002037%	220.08	307.98	0.000494%	500.04	500.05	0.000841%	199.92	29,385.91	41,139.72	70,525.63	
421500	421500	70,817.31	99,143.47	169,960.78	0.005033%	236.62	331.27	0.000532%					71,053.93	99,474.74	170,528.67	
421600	421600	3,156.00	4,418.40	7,574.40	0.000224%			0.000000%					3,156.00	4,418.40	7,574.40	
421700	421700	2,017.60	2,824.64	4,842.24	0.000143%			0.000000%					2,017.60	2,824.64	4,842.24	
421800	421800	3,016.05	4,222.54	7,238.59	0.000214%			0.000000%	150.00	150.12	0.000253%	59.88	3,166.05	4,432.54	7,598.59	
421900	421908	201,019.76	281,428.51	482,448.27	0.014287%			0.000000%					201,019.76	281,428.51	482,448.27	
422000	422000	8,734.55	12,228.47	20,963.02	0.000621%			0.000000%					8,734.55	12,228.47	20,963.02	
422300	422300	30,908.02	43,271.10	74,179.12	0.002197%			0.000000%	277.39	277.37	0.000467%	110.98	31,185.41	43,659.45	74,844.86	
422700	422700	15,994.89	22,393.00	38,387.89	0.001137%			0.000000%					15,994.89	22,393.00	38,387.89	
422900	422900	1,205.00	1,687.00	2,892.00	0.000086%			0.000000%					1,205.00	1,687.00	2,892.00	
423300	423300	1,853.58	2,595.06	4,448.64	0.000132%			0.000000%					1,853.58	2,595.06	4,448.64	
423400	423400	20,072.65	28,101.61	48,174.26	0.001427%			0.000000%					20,072.65	28,101.61	48,174.26	
423500	423500	1,717.50	2,404.50	4,122.00	0.000122%			0.000000%					1,717.50	2,404.50	4,122.00	
423600	423600	68,620.40	96,068.64	164,689.04	0.004877%	152.00	212.80	0.000341%	5,922.22	5,922.23	0.009963%	2,368.87	74,694.62	104,572.54	179,267.16	
423700	423700	18,855.65	26,397.57	45,253.22	0.001340%	2,577.90	3,609.06	0.005791%					21,433.55	30,006.63	51,440.18	
423800	423800	81,050.42	113,471.29	194,521.71	0.005761%			0.000000%					81,050.42	113,471.29	194,521.71	
424100	424100	15,460.03	21,643.85	37,103.88	0.001099%	552.50	773.50	0.001241%					16,012.53	22,417.35	38,429.88	
424200	424200	1,312.00	1,836.80	3,148.80	0.000093%			0.000000%					1,312.00	1,836.80	3,148.80	
424400	424400	59,153.05	82,814.92	141,967.97	0.004204%			0.000000%					59,153.05	82,814.92	141,967.97	
424500	424500	33,149.01	46,408.25	79,557.26	0.002356%			0.000000%					33,149.01	46,408.25	79,557.26	
424600	424608	2,551,547.64	3,572,160.73	6,123,708.37	0.181348%	69,123.25	96,772.46	0.155279%	133,648.73	133,648.96	0.224835%	53,458.74	2,754,319.62	3,856,040.89	6,610,360.51	
424700	424700	7,436.68	10,411.21	17,847.89	0.000529%			0.000000%					7,436.68	10,411.21	17,847.89	
424900	424900	1,406.08	1,968.53	3,374.61	0.000100%			0.000000%					1,406.08	1,968.53	3,374.61	
425300	425300	26,616.37	37,262.80	63,879.17	0.001892%			0.000000%					26,616.37	37,262.80	63,879.17	
425500	425500	11,783.34	16,496.87	28,280.21	0.000837%			0.000000%	54.00	54.12	0.000091%	21.48	11,837.34	16,572.47	28,409.81	
425700	425708	59,696.73	83,575.76	143,272.49	0.004243%	510.00	714.00	0.001146%					60,206.73	84,289.76	144,496.49	

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)					
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions			
425800	425800	5,108.26	7,151.71	12,259.97	0.000363%			0.000000%										
425900	425908	21,639.36	30,295.03	51,934.39	0.001538%			0.000000%										
426100	426100	9,050.08	12,670.05	21,720.13	0.000643%			0.000000%										
426300	426308	35,699.18	49,978.23	85,677.41	0.002537%	5,812.34	8,137.29	0.013057%	326.72	326.56	0.000549%	130.72	41,838.24	58,572.80	100,411.04			
426500	426500	43,749.57	61,248.84	104,998.41	0.003109%	735.00	1,029.00	0.001651%	720.00	720.00	0.001211%	288.00	45,204.57	63,285.84	108,490.41			
426700	426700	15,342.53	21,479.39	36,821.92	0.001090%			0.000000%	540.00	540.00	0.000908%	216.00	15,882.53	22,235.39	38,117.92			
426900	426900	2,437.63	3,412.68	5,850.31	0.000173%			0.000000%	350.00	350.00	0.000589%	140.00	2,787.63	3,902.68	6,690.31			
427000	427008	225,938.08	316,311.89	542,249.97	0.016058%	7,177.37	10,048.28	0.016123%	10,336.15	10,336.15	0.017388%	4,134.54	243,451.60	340,830.86	584,282.46			
427200	427200	32,884.70	46,038.55	78,923.25	0.002337%	4,015.43	5,621.56	0.009020%	617.40	617.42	0.001039%	246.94	37,517.53	52,524.47	90,042.00			
427200	427208	4,380.00	6,132.48	10,512.48	0.000311%			0.000000%			0.000000%		4,380.00	6,132.48	10,512.48			
427300	427300	59,988.58	83,984.26	143,972.84	0.004264%	4,610.04	6,454.07	0.010356%			0.000000%		64,598.62	90,438.33	155,036.95			
427500	427508	67,936.90	95,111.54	163,048.44	0.004829%			0.000000%	1,440.00	1,440.00	0.002422%	576.00	69,376.90	97,127.54	166,504.44			
427800	427800	15,040.82	21,056.80	36,097.62	0.001069%	6,787.63	9,502.69	0.015248%			0.000000%		21,828.45	30,559.49	52,387.94			
428000	428008	28,480.69	39,872.37	68,353.06	0.002024%			0.000000%			0.000000%		28,480.69	39,872.37	68,353.06			
428100	428100	12,173.58	17,042.90	29,216.48	0.000865%			0.000000%			0.000000%		12,173.58	17,042.90	29,216.48			
428200	428200	19,177.28	26,848.27	46,025.55	0.001363%			0.000000%			0.000000%		19,177.28	26,848.27	46,025.55			
428500	428500	3,200.88	4,481.28	7,682.16	0.000228%			0.000000%	720.00	720.00	0.001211%	288.00	3,920.88	5,489.28	9,410.16			
428700	428700	1,655.94	2,318.43	3,974.37	0.000118%			0.000000%	715.54	715.53	0.001204%	286.24	2,371.48	3,320.20	5,691.68			
428800	428800	17,750.08	24,850.02	42,600.10	0.001262%			0.000000%			0.000000%		17,750.08	24,850.02	42,600.10			
429100	429100	27,002.83	37,804.05	64,806.88	0.001919%			0.000000%	108.00	108.00	0.000182%	43.20	27,110.83	37,955.25	65,066.08			
429200	429200	3,969.15	5,556.82	9,525.97	0.000282%			0.000000%	2,552.75	2,552.76	0.004294%	1,021.09	6,521.90	9,130.67	15,652.57			
429300	429300	17,944.69	25,122.53	43,067.22	0.001275%	5,574.86	7,804.80	0.012523%	5,862.44	5,862.27	0.009862%	2,344.97	29,381.99	41,134.57	70,516.56			
429400	429400	45,205.77	63,287.88	108,493.65	0.003213%			0.000000%	187.67	187.66	0.000316%	75.08	45,393.44	63,550.62	108,944.06			
429500	429500	11,121.34	15,569.84	26,691.18	0.000790%			0.000000%	600.00	600.00	0.001009%	240.00	11,721.34	16,409.84	28,131.18			
429700	429700	22,666.94	31,733.87	54,400.81	0.001611%			0.000000%			0.000000%		22,666.94	31,733.87	54,400.81			
429800	429800	3,783.21	5,296.49	9,079.70	0.000269%			0.000000%			0.000000%		3,783.21	5,296.49	9,079.70			
429900	429900	43,322.78	60,651.70	103,974.48	0.003079%			0.000000%	300.00	300.00	0.000505%	120.00	43,622.78	61,071.70	104,694.48			
430100	430100	7,614.69	10,660.56	18,275.25	0.000541%			0.000000%			0.000000%		7,614.69	10,660.56	18,275.25			
430400	430400	199.48	279.27	478.75	0.000014%			0.000000%			0.000000%		199.48	279.27	478.75			
430900	430900	31,850.03	44,590.09	76,440.12	0.002264%			0.000000%			0.000000%		31,850.03	44,590.09	76,440.12			
431100	431100	33,066.02	46,292.41	79,358.43	0.002350%			0.000000%			0.000000%		33,066.02	46,292.41	79,358.43			
431300	431300	66,220.06	92,707.98	158,928.04	0.004707%	180.00	252.00	0.000404%			0.000000%		66,400.06	92,959.98	159,360.04			
431400	431408	94,814.20	132,740.17	227,554.37	0.006739%			0.000000%			0.000000%		94,814.20	132,740.17	227,554.37			
431600	431600	44,698.73	62,581.07	107,279.80	0.003177%	3,368.80	4,716.46	0.007568%	1,369.98	1,370.01	0.002305%	547.98	49,437.51	69,215.52	118,653.03			
431700	431700	17,089.35	23,925.07	41,014.42	0.001215%			0.000000%	1,080.00	1,080.00	0.001817%	432.00	18,169.35	25,437.07	43,606.42			
431700	431708	57,005.69	79,807.79	136,813.48	0.004052%			0.000000%			0.000000%		57,005.69	79,807.79	136,813.48			
431800	431800	100,774.34	141,084.21	241,858.55	0.007162%			0.000000%	10,443.80	10,443.80	0.017569%	4,177.56	111,218.14	155,705.57	266,923.71			
432200	432200	9,687.86	13,562.97	23,250.83	0.000689%			0.000000%			0.000000%		9,687.86	13,562.97	23,250.83			
432200	432208	86,642.79	121,299.95	207,942.74	0.006158%			0.000000%	18,783.87	18,783.91	0.031600%	7,513.51	105,426.66	147,597.37	253,024.03			
432300	432300	6,968.28	9,755.60	16,723.88	0.000495%			0.000000%			0.000000%		6,968.28	9,755.60	16,723.88			
432400	432400	7,033.16	9,846.43	16,879.59	0.000500%	196.56	275.19	0.000442%	540.00	540.00	0.000908%	216.00	7,769.72	10,877.62	18,647.34			
432400	432408	34,593.28	48,430.72	83,024.00	0.002459%			0.000000%	3,352.61	3,352.62	0.005640%	1,341.03	37,945.89	53,124.37	91,070.26			
432500	432500	381.29	533.91	915.20	0.000027%			0.000000%			0.000000%		381.29	533.91	915.20			
432600	432600	14,427.14	20,197.99	34,625.13	0.001025%	7,082.02	9,914.79	0.015909%	415.68	415.68	0.000699%	166.32	21,924.84	30,694.78	52,619.62			
432800	432800	17,147.05	24,005.91	41,152.96	0.001219%			0.000000%			0.000000%		17,147.05	24,005.91	41,152.96			
432800	432808	70,871.24	99,219.70	170,090.94	0.005037%	2,772.00	3,880.80	0.006227%			0.000000%		73,643.24	103,100.50	176,743.74			
432900	432900	1,200.00	1,680.00	2,880.00	0.000085%			0.000000%			0.000000%		1,200.00	1,680.00	2,880.00			
433100	433100	1,166.70	1,633.38	2,800.08	0.000083%			0.000000%			0.000000%		1,166.70	1,633.38	2,800.08			
433200	433208	108,816.54	152,331.29	261,147.83	0.007734%	(1,952.22)	(2,721.30)	-0.004367%	1,853.04	1,853.15	0.003118%	741.09	108,717.36	152,204.23	260,921.59			
433300	433300	3,560.85	4,985.19	8,546.04	0.000253%	90.00	126.00	0.000202%			0.000000%		3,650.85	5,111.19	8,762.04			
433400	433400	34,984.55	48,978.30	83,962.85	0.002486%			0.000000%			0.000000%		34,984.55	48,978.30	83,962.85			
433500	433500				0.000000%			0.000000%			0.000000%							
433500	433508	23,303.39	32,624.62	55,928.01	0.001656%			0.000000%	272.00	272.00	0.000458%	108.80	23,575.39	33,005.42	56,580.81			
433600	433600	219.17	306.83	526.00	0.000016%			0.000000%	183.37	183.37	0.000308%	73.27	402.54	563.47	966.01			
433700	433700	84,187.85	117,862.49	202,050.34	0.005984%			0.000000%			0.000000%		84,187.85	117,862.49	202,050.34			
433800	433800	17,327.38	24,257.80	41,585.18	0.001232%			0.000000%			0.000000%		17,327.38	24,257.80	41,585.18			
434000	434000	110.50	154.70	265.20	0.000008%			0.000000%			0.000000%		110.50	154.70	265.20			
434200	434200	21,012.66	29,417.74	50,430.40	0.001493%			0.000000%	1,011.24	1,011.25	0.001701%	404.48	22,023.90	30,833.47	52,857.37			
434200	434208	125,935.65	176,309.73	302,245.38	0.008951%	10,419.86	14,587.78	0.023407%	4,115.69	4,115.70	0.006924%	1,646.28	140,471.20	196,659.49	337,130.69			
434300	434300	30,598.12	42,837.35	73,435.47	0.002175%			0.000000%	1,286.12	1,286.15	0.002164%	514.42	31,884.24	44,637.92	76,522.16			
434400	434400	92.80	129.92	222.72	0.000007%			0.000000%			0.000000%		92.80	129.92	222.72			
434500	434500	1,416.00	1,982.40	3,398.40	0.000101%			0.000000%			0.000000%		1,416.00	1,982.40	3,398.40			
434700	434700	16,549.34	23,168.91	39,718.25	0.001176%	4,808.36	6,731.62	0.010801%			0.000000%		21,357.70	29,900.53	51,258.23			
434800	434800	33,354.32	46,695.98	80,050.30	0.002371%			0.000000%			0.000000%							

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
435100	435100	1,840.00	2,576.00	4,416.00	0.000131%								1,840.00	2,576.00	4,416.00
435200	435200	13,393.07	18,750.14	32,143.21	0.000952%	144.00	201.60	0.000323%				80.34	13,737.97	19,232.97	32,970.94
435400	435400	10,558.15	14,781.29	25,339.44	0.000750%			0.000000%					10,558.15	14,781.29	25,339.44
435500	435500	17,210.47	24,094.79	41,305.26	0.001223%			0.000000%					17,210.47	24,094.79	41,305.26
435600	435600	12,391.62	17,348.22	29,739.84	0.000881%			0.000000%					12,391.62	17,348.22	29,739.84
436000	436000	5,788.45	8,103.79	13,892.24	0.000411%			0.000000%					5,788.45	8,103.79	13,892.24
436100	436100	2,400.00	3,360.00	5,760.00	0.000171%			0.000000%					2,400.00	3,360.00	5,760.00
436400	436400	2,515.63	3,521.60	6,037.23	0.000179%			0.000000%					2,515.63	3,521.60	6,037.23
436700	436700	2,895.00	4,053.00	6,948.00	0.000206%			0.000000%					2,895.00	4,053.00	6,948.00
436900	436900	51,701.46	72,382.02	124,083.48	0.003675%	4,387.95	6,143.21	0.009857%					56,089.41	78,525.23	134,614.64
437000	437008	195,302.49	273,423.52	468,726.01	0.013881%	18,627.31	26,078.22	0.041845%				9,188.67	236,901.38	331,661.96	568,563.34
437100	437100	812.50	1,137.50	1,950.00	0.000058%			0.000000%					812.50	1,137.50	1,950.00
437200	437200	4,022.17	5,630.86	9,653.03	0.000286%			0.000000%				525.03	5,334.82	7,468.51	12,803.33
437300	437300	2,380.00	3,332.00	5,712.00	0.000169%			0.000000%				160.00	2,780.00	3,892.00	6,672.00
437400	437400	12,648.42	17,707.23	30,355.65	0.000899%			0.000000%					12,648.42	17,707.23	30,355.65
437500	437500	30,417.73	42,584.71	73,002.44	0.002162%	459.28	642.99	0.001032%				891.00	33,104.51	46,346.20	79,450.71
437600	437600	1,140.00	1,596.00	2,736.00	0.000081%	60.00	84.00	0.000135%					1,200.00	1,680.00	2,880.00
437700	437700	4,739.89	6,635.76	11,375.65	0.000337%	1,080.00	1,512.00	0.002426%					5,819.89	8,147.76	13,967.65
437800	437800	86,049.23	120,468.88	206,518.11	0.006116%	6,032.74	8,445.81	0.013552%					92,081.97	128,914.69	220,996.66
437900	437900	1,260.00	1,764.00	3,024.00	0.000090%			0.000000%					1,260.00	1,764.00	3,024.00
438100	438100	560.00	784.00	1,344.00	0.000040%			0.000000%					560.00	784.00	1,344.00
438200	438200	90,536.86	126,751.22	217,288.08	0.006435%			0.000000%				245.29	91,149.86	127,609.38	218,759.24
438300	438300	10,711.10	14,995.54	25,706.64	0.000761%			0.000000%					10,711.10	14,995.54	25,706.64
438400	438400	1,770.00	2,478.00	4,248.00	0.000126%			0.000000%					1,770.00	2,478.00	4,248.00
438500	438508	107,521.90	150,529.94	258,051.84	0.007642%			0.000000%				3,351.00	115,899.36	162,258.40	278,157.76
439100	439100	19,867.79	27,815.45	47,683.24	0.001412%			0.000000%					19,867.79	27,815.45	47,683.24
439300	439300	39,085.00	54,718.93	93,803.93	0.002778%	37.20	52.09	0.000084%				140.02	39,472.18	55,260.98	94,733.16
439400	439400	18,126.45	25,377.03	43,503.48	0.001288%			0.000000%				68.00	18,296.45	25,615.03	43,911.48
439500	439508	41,378.20	57,928.88	99,307.08	0.002941%			0.000000%				177.36	41,821.60	58,549.64	100,371.24
439600	439600	8,926.27	12,496.74	21,423.01	0.000634%	407.64	570.61	0.000916%					9,333.91	13,067.35	22,401.26
439700	439700	963.50	1,348.94	2,312.44	0.000068%			0.000000%					963.50	1,348.94	2,312.44
439800	439800	4,883.21	6,836.46	11,719.67	0.000347%			0.000000%					4,883.21	6,836.46	11,719.67
439900	439900	1,937.00	2,711.80	4,648.80	0.000138%			0.000000%					1,937.00	2,711.80	4,648.80
440100	440100	19,977.01	27,967.79	47,944.80	0.001420%			0.000000%					19,977.01	27,967.79	47,944.80
440300	440300	455.00	637.00	1,092.00	0.000032%			0.000000%					455.00	637.00	1,092.00
440900	440908	1,081,416.30	1,513,983.13	2,595,399.43	0.076860%	52,262.59	73,167.51	0.117403%				19,016.66	1,181,220.44	1,653,708.86	2,834,929.30
440900	887500				0.000000%			0.000000%							
441000	441008	68,378.09	95,729.07	164,107.16	0.004860%			0.000000%					68,378.09	95,729.07	164,107.16
441100	441100	2,555.73	3,577.99	6,133.72	0.000182%			0.000000%					2,555.73	3,577.99	6,133.72
441300	441300	1,493.53	2,090.94	3,584.47	0.000106%			0.000000%				59.88	1,643.53	2,300.94	3,944.47
442100	442108	82,195.87	115,074.01	197,269.88	0.005842%			0.000000%					82,195.87	115,074.01	197,269.88
442200	442200	5,518.18	7,725.34	13,243.52	0.000392%			0.000000%					5,518.18	7,725.34	13,243.52
442300	442300	54,173.15	75,842.57	130,015.72	0.003850%			0.000000%					54,173.15	75,842.57	130,015.72
442400	442400	(5,422.47)	(7,591.38)	(13,013.85)	0.000385%			0.000000%					(5,422.47)	(7,591.38)	(13,013.85)
442400	442408	89,538.90	125,354.24	214,893.14	0.006364%			0.000000%					89,538.90	125,354.24	214,893.14
442500	442508	24,646.74	34,505.01	59,151.75	0.001752%	187.69	262.72	0.000422%					24,834.43	34,767.73	59,602.16
443100	443100	2,049.38	2,869.23	4,918.61	0.000146%	541.71	758.30	0.001217%					2,591.09	3,627.53	6,218.62
443200	443200	3,354.35	4,696.09	8,050.44	0.000238%			0.000000%					3,354.35	4,696.09	8,050.44
443300	443300	800.04	1,119.96	1,920.00	0.000057%			0.000000%					800.04	1,119.96	1,920.00
443400	443400	433.00	606.20	1,039.20	0.000031%			0.000000%					433.00	606.20	1,039.20
443500	443500	15,749.29	22,048.89	37,798.18	0.001119%			0.000000%					15,749.29	22,048.89	37,798.18
444100	444100	83,976.31	117,566.60	201,542.91	0.005969%	360.00	504.00	0.000809%					84,336.31	118,070.60	202,406.91
444100	444108				0.000000%	8,665.72	12,132.04	0.019467%					8,665.72	12,132.04	20,797.76
444200	444200	9,286.57	13,001.19	22,287.76	0.000660%			0.000000%					9,286.57	13,001.19	22,287.76
444400	444400	25,241.97	35,338.63	60,580.60	0.001794%	336.00	470.40	0.000755%				134.40	25,913.97	36,279.43	62,193.40
444500	444500	44,155.18	61,817.14	105,972.32	0.003138%			0.000000%				3,369.76	52,579.65	73,611.37	126,191.02
444500	444508	6,499.96	9,100.07	15,600.03	0.000462%			0.000000%					6,499.96	9,100.07	15,600.03
444600	444600	180.00	252.00	432.00	0.000013%			0.000000%					180.00	252.00	432.00
444700	444700	11,586.88	16,221.71	27,808.59	0.000824%	6,374.45	8,924.23	0.014320%					17,961.33	25,145.94	43,107.27
444900	444900	6,918.49	9,685.90	16,604.39	0.000492%			0.000000%					6,918.49	9,685.90	16,604.39
445000	445000	563.00	788.20	1,351.20	0.000040%			0.000000%					563.00	788.20	1,351.20
445100	445100	4,205.02	5,887.06	10,092.08	0.000299%			0.000000%					4,205.02	5,887.06	10,092.08
445300	445308	26,461.06	37,045.32	63,506.38	0.001881%	9,604.64	13,446.47	0.021576%					36,065.70	50,491.79	86,557.49
445400	445400	138,774.68	194,284.38	333,059.06	0.009863%			0.000000%				160.44	139,175.77	194,845.90	334,021.67
445600	445600	6,218.95	8,706.63	14,925.58	0.000442%			0.000000%					6,218.95	8,706.63	14,925.58

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
445700	445708	54,960.30	76,944.37	131,904.67	0.003906%				4,656.61	4,656.64	0.007834%	1,862.63	59,616.91	83,463.64	143,080.55
445800	445800	917.54	1,284.48	2,202.02	0.000065%						0.000000%		917.54	1,284.48	2,202.02
445900	445900	43,228.99	60,520.45	103,749.44	0.003072%				3,827.34	3,827.32	0.006439%	1,530.92	47,056.33	65,878.69	112,935.02
446000	446008	31,324.51	43,853.93	75,178.44	0.002226%				120.00	120.00	0.000202%	48.00	31,444.51	44,021.93	75,466.44
446100	446108	1,050.69	1,470.81	2,521.50	0.000075%				806.40	806.40	0.001357%	322.56	1,857.09	2,599.77	4,456.86
446200	446200	2,934.00	4,107.60	7,041.60	0.000209%				1,248.00	1,247.98	0.002099%	499.10	4,182.00	5,854.68	10,036.68
446300	446300	7,080.84	9,913.06	16,993.90	0.000503%						0.000000%		7,080.84	9,913.06	16,993.90
446400	446400	7,495.50	10,493.70	17,989.20	0.000533%						0.000000%		7,495.50	10,493.70	17,989.20
446800	446800	23,617.37	33,064.11	56,681.48	0.001679%						0.000000%		23,617.37	33,064.11	56,681.48
446900	446900	836.80	1,171.52	2,008.32	0.000059%						0.000000%		836.80	1,171.52	2,008.32
447100	447100	63,827.81	89,358.48	153,186.29	0.004536%						0.000000%		63,827.81	89,358.48	153,186.29
447400	447400	63,864.03	89,409.59	153,273.62	0.004539%						0.000000%		63,864.03	89,409.59	153,273.62
447500	447500	42,125.25	58,975.27	101,100.52	0.002994%	4,548.85	6,368.37	0.010219%	705.00	705.00	0.001186%	282.00	47,379.10	66,330.64	113,709.74
447800	447800	67,584.72	94,618.20	162,203.42	0.004804%						0.000000%		67,584.72	94,618.20	162,203.42
448000	448008	102,749.40	143,848.67	246,598.07	0.007303%				1,443.19	1,443.20	0.002428%	577.26	104,192.59	145,869.13	250,061.72
448100	448108	28,166.77	39,433.70	67,600.47	0.002002%	681.21	953.79	0.001530%			0.000000%		28,847.98	40,387.49	69,235.47
448400	448400	6,221.64	8,710.26	14,931.90	0.000442%						0.000000%		6,221.64	8,710.26	14,931.90
448500	448500	23,454.22	32,835.86	56,290.08	0.001667%				3,982.08	3,982.10	0.006699%	1,592.81	27,436.30	38,410.77	65,847.07
448600	448608	60,514.15	84,719.53	145,233.68	0.004301%	7,746.59	10,845.15	0.017402%	84.00	84.00	0.000141%	33.60	68,344.74	95,682.28	164,027.02
448700	448700	20,787.24	29,102.10	49,889.34	0.001477%				3,205.80	3,205.82	0.005393%	1,282.30	23,993.04	33,590.22	57,583.26
448800	448800	4,766.80	6,673.52	11,440.32	0.000339%						0.000000%		4,766.80	6,673.52	11,440.32
449000	449000	343.10	480.34	823.44	0.000024%						0.000000%		343.10	480.34	823.44
449100	449100	99,857.23	139,799.78	239,657.01	0.007097%				1,269.08	1,269.08	0.002135%	507.64	101,126.31	141,576.50	242,702.81
449200	449200	3,902.91	5,464.07	9,366.98	0.000277%						0.000000%		3,902.91	5,464.07	9,366.98
449400	449400	67,236.24	94,129.93	161,366.17	0.004779%						0.000000%		67,236.24	94,129.93	161,366.17
449700	449700	12,140.79	16,997.41	29,138.20	0.000863%						0.000000%		12,140.79	16,997.41	29,138.20
449800	449800	31,397.47	43,956.12	75,353.59	0.002232%	420.00	588.00	0.000943%	4,824.91	4,824.92	0.008117%	1,929.96	36,642.38	51,299.00	87,941.38
449900	449900	249.97	350.04	600.01	0.000018%						0.000000%		249.97	350.04	600.01
450000	450000	16,580.17	23,212.37	39,792.54	0.001178%						0.000000%		16,580.17	23,212.37	39,792.54
450100	450100	14,772.72	20,681.57	35,454.29	0.001050%				3,089.69	3,089.74	0.005198%	1,235.83	17,862.41	25,007.14	42,869.55
450300	450300	25,904.71	36,266.53	62,171.24	0.001841%						0.000000%		25,904.71	36,266.53	62,171.24
450500	450500	11,284.75	15,798.62	27,083.37	0.000802%						0.000000%		11,284.75	15,798.62	27,083.37
450500	450508	1,651.10	2,311.54	3,962.64	0.000117%						0.000000%		1,651.10	2,311.54	3,962.64
450900	450900	34,255.44	47,957.53	82,212.97	0.002435%	366.19	512.67	0.000823%			0.000000%		34,621.63	48,470.20	83,091.83
451100	451100	3,517.32	4,924.32	8,441.64	0.000250%	1,500.00	2,100.00	0.003370%			0.000000%		5,017.32	7,024.32	12,041.64
451200	451200	21,677.71	30,348.66	52,026.37	0.001541%	2,373.03	3,322.24	0.005331%			0.000000%		24,050.74	33,670.90	57,721.64
451300	451300	39,789.70	55,705.67	95,495.37	0.002828%	2,009.19	2,812.86	0.004513%			0.000000%		41,798.89	58,518.53	100,317.42
451400	451408	52,265.72	73,172.09	125,437.81	0.003715%						0.000000%		52,265.72	73,172.09	125,437.81
451600	451600	11,155.40	15,617.56	26,772.96	0.000793%				572.68	572.70	0.000963%	229.05	11,728.08	16,419.31	28,147.39
451700	451700	1,060.34	1,484.48	2,544.82	0.000075%						0.000000%		1,060.34	1,484.48	2,544.82
452000	452008	66,058.56	92,480.30	158,538.86	0.004695%				540.00	540.00	0.000908%	217.55	66,598.56	93,237.85	159,836.41
452200	452200	18,019.34	25,227.38	43,246.72	0.001281%						0.000000%		18,019.34	25,227.38	43,246.72
452300	452300	187.92	263.17	451.09	0.000013%						0.000000%		187.92	263.17	451.09
452300	452308	15,987.17	22,381.70	38,368.87	0.001136%				3,685.77	3,685.80	0.006201%	1,474.28	19,672.94	27,541.78	47,214.72
452400	452400	7,139.12	9,994.12	17,133.24	0.000507%	699.96	980.03	0.001573%			0.000000%		7,839.08	10,974.15	18,813.23
452500	452500	15,275.33	21,385.44	36,660.77	0.001086%				2,293.72	2,293.81	0.003859%	917.40	17,569.05	24,596.65	42,165.70
452700	452700	14,935.35	20,909.55	35,844.90	0.001062%				2,366.00	2,366.00	0.003980%	946.40	17,301.35	24,221.95	41,523.30
452900	452900	32,525.27	45,535.14	78,060.41	0.002312%						0.000000%		32,525.27	45,535.14	78,060.41
453000	453008	47,596.69	66,635.18	114,231.87	0.003383%						0.000000%		47,596.69	66,635.18	114,231.87
453300	453300	4,882.20	6,835.08	11,717.28	0.000347%						0.000000%		4,882.20	6,835.08	11,717.28
453400	453400	19,525.51	27,335.53	46,861.04	0.001388%				2,028.91	2,028.94	0.003413%	811.51	21,554.42	30,175.98	51,730.40
453400	453408	56,517.41	79,124.41	135,641.82	0.004017%						0.000000%		56,517.41	79,124.41	135,641.82
453500	453500	42,269.82	59,177.73	101,447.55	0.003004%				240.00	240.00	0.000404%	96.00	42,509.82	59,513.73	102,023.55
453600	453600	4,774.55	6,684.37	11,458.92	0.000339%						0.000000%		4,774.55	6,684.37	11,458.92
453800	453800	21,075.00	29,504.87	50,579.87	0.001498%						0.000000%		21,075.00	29,504.87	50,579.87
453900	453900	1,726.00	2,416.40	4,142.40	0.000123%						0.000000%		1,726.00	2,416.40	4,142.40
454300	454300	561.30	785.82	1,347.12	0.000040%						0.000000%		561.30	785.82	1,347.12
454400	454408	637,223.31	892,112.91	1,529,336.22	0.045290%	58,478.71	81,870.30	0.131367%	37,345.31	37,345.42	0.062826%	14,938.08	733,047.33	1,026,266.71	1,759,314.04
454800	454808	370,328.24	518,459.04	888,787.28	0.026321%	9,501.21	13,301.68	0.021344%	1,698.56	1,698.58	0.002857%	679.50	381,528.01	534,138.80	915,666.81
455000	455008	53,556.43	74,978.94	128,535.37	0.003806%	39.88	55.83	0.000090%	3,598.36	3,598.37	0.006053%	1,439.35	57,194.67	80,072.49	137,267.16
455100	455100	600.00	840.00	1,440.00	0.000043%						0.000000%		600.00	840.00	1,440.00
455200	455200	17,685.48	24,759.52	42,445.00	0.001257%						0.000000%		17,685.48	24,759.52	42,445.00
455700	455700	(216.98)	(250.47)	(467.45)	-0.000014%						0.000000%	(105.58)	(216.98)	(356.05)	(573.03)
455700	455708	8,123.31	11,372.64	19,495.95	0.000577%				1,934.50	1,934.55	0.003254%	773.75	10,057.81	14,080.94	24,138.75
455800	455800	1,540.00	2,156.00	3,696.00	0.000109%						0.000000%		1,540.00	2,156.00	3,696.00

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
456000	456008	63,971.55	89,560.21	153,531.76	0.004547%							913.34	66,254.86	92,756.85	159,011.71
456100	456100	17,016.70	23,823.43	40,840.13	0.001209%								17,016.70	23,823.43	40,840.13
456300	456300	73,724.57	103,214.00	176,938.57	0.005240%								73,724.57	103,214.00	176,938.57
456300	456308	6,300.06	8,819.98	15,120.04	0.000448%								6,300.06	8,819.98	15,120.04
456400	456400	732.00	1,024.80	1,756.80	0.000052%								732.00	1,024.80	1,756.80
456500	456500	13,495.80	18,893.88	32,389.68	0.000959%								13,495.80	18,893.88	32,389.68
456600	456600	480.00	672.00	1,152.00	0.000034%								480.00	672.00	1,152.00
456700	456700	2,651.41	3,711.99	6,363.40	0.000188%	890.04	1,245.98	0.001999%					3,541.45	4,957.97	8,499.42
456800	456800	52,375.52	73,325.72	125,701.24	0.003723%							2,426.17	58,440.96	81,817.33	140,258.29
456900	456908	187,185.71	262,060.23	449,245.94	0.013304%								187,185.71	262,060.23	449,245.94
457000	457000	5,904.78	8,266.75	14,171.53	0.000420%							96.00	6,144.78	8,602.75	14,747.53
457100	457100	10,654.73	14,916.67	25,571.40	0.000757%							741.82	12,509.43	17,513.25	30,022.68
457300	457300	707.75	990.85	1,698.60	0.000050%								707.75	990.85	1,698.60
457700	457708	78,688.08	110,163.12	188,851.20	0.005593%	6,733.21	9,426.55	0.015126%					85,421.29	119,589.67	205,010.96
457800	457808	41,032.05	57,444.53	98,476.58	0.002916%								41,032.05	57,444.53	98,476.58
457900	457900	1,618.31	2,265.63	3,883.94	0.000115%								1,618.31	2,265.63	3,883.94
458100	458100	48.00	67.20	115.20	0.000003%								48.00	67.20	115.20
458200	458200	2,373.27	3,322.57	5,695.84	0.000169%								2,373.27	3,322.57	5,695.84
458300	458300	69,760.20	97,664.39	167,424.59	0.004958%	3,231.66	4,524.37	0.007260%					72,991.86	102,188.76	175,180.62
458300	458308	31,315.02	43,840.75	75,155.77	0.002226%	1,385.06	1,939.06	0.003111%					32,700.08	45,779.81	78,479.89
458400	458408	36,471.70	51,060.24	87,531.94	0.002592%	1,429.24	2,000.90	0.003211%				233.79	38,485.51	53,879.53	92,365.04
458500	458500	23,722.50	33,210.39	56,932.89	0.001686%								23,722.50	33,210.39	56,932.89
458500	458508	108,916.22	152,482.96	261,399.18	0.007741%								108,916.22	152,482.96	261,399.18
458600	458600	48,299.54	67,619.00	115,918.54	0.003433%							1,008.94	50,821.90	71,150.29	121,972.19
458700	458708	320,868.29	449,215.19	770,083.48	0.022805%	4,269.29	5,976.97	0.009591%				2,796.73	332,129.42	464,980.73	797,110.15
459100	459100	418.50	585.90	1,004.40	0.000030%								418.50	585.90	1,004.40
459200	459200	61,940.83	86,717.04	148,657.87	0.004402%								61,940.83	86,717.04	148,657.87
459500	459508	148,972.13	208,561.33	357,533.46	0.010588%	5,452.99	7,634.17	0.012250%				2,137.53	159,768.88	223,676.80	383,445.68
459700	459700	135,395.28	189,553.32	324,948.60	0.009623%	600.00	840.00	0.001348%				2,378.92	141,942.53	198,719.49	340,662.02
459800	459800	1,207.20	1,690.08	2,897.28	0.000086%								1,207.20	1,690.08	2,897.28
460100	460100	3,936.99	5,511.85	9,448.84	0.000280%								3,936.99	5,511.85	9,448.84
460200	460200	27,225.31	38,115.14	65,340.45	0.001935%								27,225.31	38,115.14	65,340.45
460300	460300	14,296.22	20,014.73	34,310.95	0.001016%								14,296.22	20,014.73	34,310.95
460400	460400	10,425.65	14,595.88	25,021.53	0.000741%								10,425.65	14,595.88	25,021.53
460500	460500	560.00	784.00	1,344.00	0.000040%								560.00	784.00	1,344.00
460600	460600	10,633.53	14,886.82	25,520.35	0.000756%								10,633.53	14,886.82	25,520.35
460800	460800	72,773.00	101,882.07	174,655.07	0.005172%								72,773.00	101,882.07	174,655.07
461000	461008	81,571.89	114,200.36	195,772.25	0.005798%							2,864.60	88,733.51	124,226.65	212,960.16
461100	461100	9,784.86	13,698.76	23,483.62	0.000695%	966.66	1,353.34	0.002172%					10,751.52	15,052.10	25,803.62
461300	461300	-	-	-	0.000000%										
461300	461308	25,517.01	35,723.89	61,240.90	0.001814%								25,517.01	35,723.89	61,240.90
461400	461400	5,696.87	7,975.63	13,672.50	0.000405%							669.13	7,369.70	10,317.59	17,687.29
461600	461600	2,087.87	2,923.01	5,010.88	0.000148%								2,087.87	2,923.01	5,010.88
461700	461708	92,184.59	129,059.07	221,243.66	0.006552%								92,184.59	129,059.07	221,243.66
461800	461800	4,372.36	6,121.30	10,493.66	0.000311%								4,372.36	6,121.30	10,493.66
462300	462300	1,979.72	2,771.52	4,751.24	0.000141%								1,979.72	2,771.52	4,751.24
462500	462500	57,264.35	80,169.83	137,434.18	0.004070%								57,264.35	80,169.83	137,434.18
462900	462900	2,176.10	3,046.55	5,222.65	0.000155%								2,176.10	3,046.55	5,222.65
463200	463208	411,719.76	576,406.88	988,126.64	0.029262%	48,662.99	68,127.96	0.109317%				9,792.67	484,864.84	678,809.41	1,163,674.25
463300	463300	621.50	870.13	1,491.63	0.000044%								621.50	870.13	1,491.63
463400	463400	9,756.17	13,658.54	23,414.71	0.000693%								9,756.17	13,658.54	23,414.71
463500	463500	819.96	1,148.04	1,968.00	0.000058%							292.19	1,550.46	2,170.74	3,721.20
463600	463600	110,814.39	155,139.61	265,954.00	0.007876%	3,931.79	5,504.50	0.008832%				1,655.39	118,884.57	166,437.88	285,322.45
463600	463608	17,365.21	24,311.32	41,676.53	0.001234%	982.93	1,376.11	0.002208%				413.77	19,382.62	27,135.71	46,518.33
463600	822400	-	-	-	0.000000%										
463600	983508	45,915.84	63,928.93	109,844.77	0.003253%								45,915.84	63,928.93	109,844.77
463700	463700	129,232.51	180,925.23	310,157.74	0.009185%							2,840.61	136,334.02	190,867.37	327,201.39
463800	463800	74,400.88	104,160.76	178,561.64	0.005288%	2,262.60	3,167.64	0.005083%				288.00	77,383.48	108,336.40	185,719.88
464000	464008	64,418.41	90,185.84	154,604.25	0.004578%	6,631.55	9,284.20	0.014897%					71,049.96	99,470.04	170,520.00
464100	464108	25,264.37	35,370.02	60,634.39	0.001796%							1,213.80	28,298.90	39,618.34	67,917.24
464200	464200	33,541.29	46,957.18	80,498.47	0.002384%	65.04	90.96	0.000146%					33,606.33	47,048.14	80,654.47
464400	464400	480.00	672.00	1,152.00	0.000034%								480.00	672.00	1,152.00
464500	464500	69,335.28	97,069.53	166,404.81	0.004928%							2,298.52	75,081.61	105,114.44	180,196.05
464600	464608	90,417.34	126,583.22	217,000.56	0.006426%							728.49	92,238.63	129,132.99	221,371.62
464700	464700	47,644.19	66,690.88	114,335.07	0.003386%	3,451.30	4,831.78	0.007753%				1,146.21	53,938.63	75,511.94	129,450.57

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions		
464700	464708	33,274.57	46,585.92	79,860.49	0.002365%												
464800	464800	11,606.41	16,272.88	27,879.29	0.000826%												
464900	464900	20,127.11	28,177.90	48,305.01	0.001431%												
465000	465000	38,024.50	53,234.14	91,258.64	0.002703%												
465100	465100	18,031.31	25,243.70	43,275.01	0.001282%												
465200	465200	15,897.13	22,255.86	38,152.99	0.001130%												
465300	465308	43,673.61	61,143.14	104,816.75	0.003104%												
465400	465400	1,600.00	2,240.00	3,840.00	0.000114%												
465500	465500	10,136.72	14,191.40	24,328.12	0.000720%												
465600	465600	213.96	299.63	513.59	0.000015%												
465700	465700	2,017.50	2,824.50	4,842.00	0.000143%												
465800	465800	32,740.54	45,836.75	78,577.29	0.002327%												
465900	465900	12,067.96	16,894.85	28,962.81	0.000858%												
466100	466100	15,369.03	21,516.64	36,885.67	0.001092%												
466300	466308	44,708.45	62,591.76	107,300.21	0.003178%												
466400	466400	120.00	168.00	288.00	0.000009%												
466500	466500	4,609.74	6,453.63	11,063.37	0.000328%												
466700	466700	76,477.58	107,068.81	183,546.39	0.005436%												
467300	467300	5,134.74	7,188.63	12,323.37	0.000365%												
467400	467400	39,458.28	55,240.93	94,699.21	0.002804%												
467400	467408	68,549.91	95,969.82	164,519.73	0.004872%												
467500	467500	15,759.61	22,063.50	37,823.11	0.001120%												
467800	467800	84,658.87	118,521.65	203,180.52	0.006017%												
467900	467900	10,768.31	15,075.27	25,843.58	0.000765%												
468000	468008	41,329.06	57,860.64	99,189.70	0.002937%												
468100	468100	24,142.60	33,799.94	57,942.54	0.001716%												
468300	468300	30,296.24	42,414.42	72,710.66	0.002153%												
468400	468400	14,172.24	19,841.24	34,013.48	0.001007%												
468400	468408	96,211.23	134,695.29	230,906.52	0.006838%												
468600	468600	1,509.16	2,112.82	3,621.98	0.000107%												
468900	468900	42.00	58.80	100.80	0.000003%												
469100	469108	121,550.33	170,170.54	291,720.87	0.008639%												
469200	469200	21,767.27	30,473.98	52,241.25	0.001547%												
469200	469208	93,544.88	130,962.94	224,507.82	0.006649%												
469300	469308	263,156.09	368,418.40	631,574.49	0.018703%												
469400	469400	27,477.55	38,468.37	65,945.92	0.001953%												
469500	469500	11,456.61	16,039.19	27,495.80	0.000814%												
469600	469608	163,884.83	229,452.15	393,336.98	0.011648%												
469700	469700	4,563.04	6,388.26	10,951.30	0.000324%												
469800	469800	17,356.50	24,299.22	41,655.72	0.001234%												
469900	469900	300.00	420.00	720.00	0.000021%												
470100	470108	130,314.89	182,441.11	312,756.00	0.009262%												
470200	470200	565.00	791.00	1,356.00	0.000040%												
470300	470300	157,080.70	219,913.06	376,993.76	0.011164%												
470500	470500	40,060.35	56,084.42	96,144.77	0.002847%												
470700	470700	1,080.00	1,512.00	2,592.00	0.000077%												
470800	470800	3,736.84	5,231.52	8,968.36	0.000266%												
470900	470900	110,369.45	154,517.58	264,887.03	0.007844%												
471000	471008	91,193.72	127,671.01	218,864.73	0.006481%												
471100	471100	25,737.38	36,031.83	61,769.21	0.001829%												
471300	471300	8,080.14	11,312.10	19,392.24	0.000574%												
471600	471600	753.60	1,055.03	1,808.63	0.000054%												
471700	471700	18,408.25	25,771.55	44,179.80	0.001308%												
472000	472000	498.00	697.20	1,195.20	0.000035%												
472100	472108	166,259.15	232,762.84	399,021.99	0.011817%												
472200	472200	349.94	490.08	840.02	0.000025%												
472300	472300	60,656.00	84,918.17	145,574.17	0.004311%												
472500	472500	12,436.54	17,410.99	29,847.53	0.000884%												
472600	472608	30,493.47	42,690.82	73,184.29	0.002167%												
472700	472700	42,447.62	59,424.08	101,871.70	0.003017%												
472700	472708	9,274.70	12,987.21	22,261.91	0.000659%												
472800	472800	26,422.08	36,990.84	63,412.92	0.001878%												
472800	472808	120.91	169.28	290.19	0.000009%												
473000	473000	22,044.24	30,861.89	52,906.13	0.001567%												
473300	473300	10,854.73	15,196.72	26,051.45	0.000771%												

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
473400	473408	10,231.69	14,324.47	24,556.16	0.000727%			0.000000%					10,231.69	14,324.47	24,556.16
473500	473508	354,143.37	495,800.27	849,943.64	0.025170%			0.024439%				6,989.93	382,497.58	535,495.98	917,993.56
473600	473600	44,386.53	62,140.33	106,526.86	0.003155%			0.006986%			1,185.92	50,461.23	70,644.91	121,106.14	
473700	473700	47,681.16	66,753.48	114,434.64	0.003389%			0.000000%				47,681.16	66,753.48	114,434.64	
473800	473800	1,180.00	1,652.00	2,832.00	0.000084%			0.000000%				1,180.00	1,652.00	2,832.00	
473900	473900	87,146.04	122,004.10	209,150.14	0.006194%	480.00	672.00	0.001078%				87,146.04	122,004.10	210,302.14	
474000	474000	660.00	924.00	1,584.00	0.000047%			0.000000%				660.00	924.00	1,584.00	
474100	474100	5,947.92	8,327.12	14,275.04	0.000423%			0.000000%				5,947.92	8,327.12	14,275.04	
474300	474300	16,123.23	22,572.48	38,695.71	0.001146%			0.000000%				16,123.23	22,572.48	38,695.71	
474500	474500	13,064.74	18,290.49	31,355.23	0.000929%			0.000000%			0.02	13,064.74	18,290.51	31,355.25	
474600	474600	56,941.46	79,718.20	136,659.66	0.004047%			0.000000%				56,941.46	79,718.20	136,659.66	
474700	474700	22,082.31	30,915.08	52,997.39	0.001569%			0.000000%			1,480.35	25,783.21	36,096.34	61,879.55	
474800	474800	1,123.45	1,572.82	2,696.27	0.000080%			0.000000%				1,123.45	1,572.82	2,696.27	
474900	474900	43,019.55	60,352.68	103,372.23	0.003061%			0.000000%			(125.44)	43,019.55	60,227.24	103,246.79	
474900	474908	5,576.92	7,807.71	13,384.63	0.000396%			0.000000%				5,576.92	7,807.71	13,384.63	
475100	475100	3,537.52	4,952.43	8,489.95	0.000251%			0.000000%				3,537.52	4,952.43	8,489.95	
475200	475200	1,238.63	1,734.08	2,972.71	0.000088%			0.000000%				1,238.63	1,734.08	2,972.71	
475300	475300	4,058.18	5,681.45	9,739.63	0.000288%			0.000000%				4,058.18	5,681.45	9,739.63	
475400	475400	1,305.97	1,828.44	3,134.41	0.000093%			0.000000%				1,305.97	1,828.44	3,134.41	
475500	475500	39,041.56	54,657.79	93,699.35	0.002775%			0.000000%			1,073.53	41,725.38	58,415.11	100,140.49	
475600	475600	22,082.19	30,915.05	52,997.24	0.001569%			0.000000%				22,082.19	30,915.05	52,997.24	
475700	475700	28,149.72	39,409.50	67,559.22	0.002001%			0.000000%				28,149.72	39,409.50	67,559.22	
475800	475800	70,576.12	98,806.35	169,382.47	0.005016%	12,104.25	16,945.65	0.027191%	1,112.79	1,112.78	445.11	83,793.16	117,309.89	201,103.05	
475900	475908	182,548.08	255,567.03	438,115.11	0.012974%			0.000000%	23,045.68	23,045.69	9,218.26	205,593.76	287,830.98	493,424.74	
476100	476100	7,975.89	11,166.15	19,142.04	0.000567%			0.000000%				7,975.89	11,166.15	19,142.04	
476200	476200	14,404.40	20,166.18	34,570.58	0.001024%			0.000000%				14,404.40	20,166.18	34,570.58	
476300	476300	5,116.55	7,163.04	12,279.59	0.000364%			0.000000%				5,116.55	7,163.04	12,279.59	
476400	476400	16,846.08	23,584.55	40,430.63	0.001197%			0.000000%				16,846.08	23,584.55	40,430.63	
476600	476600	5,507.44	7,710.51	13,217.95	0.000391%			0.000000%				5,507.44	7,710.51	13,217.95	
476800	476800	8,747.06	12,245.64	20,992.70	0.000622%			0.000000%	1,590.24	1,590.36	636.00	10,337.30	14,472.00	24,809.30	
477000	477000	4,834.79	6,768.64	11,603.43	0.000344%			0.000000%				4,834.79	6,768.64	11,603.43	
477300	477308	295,408.83	413,572.04	708,980.87	0.020996%			0.000000%	3,121.02	3,121.00	1,248.50	298,529.85	417,941.54	716,471.39	
477400	477408	33,956.84	47,539.27	81,496.11	0.002413%			0.000000%	826.98	826.97	330.80	34,783.82	48,697.04	83,480.86	
477500	477508	76,346.93	106,885.56	183,232.49	0.005426%	756.00	1,058.40	0.001698%	444.16	444.16	177.67	77,547.09	108,565.79	186,112.88	
477600	477600	66,376.92	92,927.20	159,304.12	0.004718%	8,126.14	11,376.55	0.018255%				74,503.06	104,303.75	178,806.81	
477700	477700	5,141.29	7,197.90	12,339.19	0.000365%	968.65	1,356.11	0.002176%				6,109.94	8,554.01	14,663.95	
477800	477800	1,300.08	1,819.92	3,120.00	0.000092%			0.000000%				1,300.08	1,819.92	3,120.00	
477900	477900	630.03	881.97	1,512.00	0.000045%			0.000000%				630.03	881.97	1,512.00	
478000	478008	121,030.16	169,442.59	290,472.75	0.008602%	4,791.87	6,708.64	0.010765%	1,236.96	1,236.96	494.88	127,058.99	177,883.07	304,942.06	
478100	478100	571.92	800.88	1,372.80	0.000041%			0.000000%				571.92	800.88	1,372.80	
478200	478200	11,214.62	15,700.14	26,914.76	0.000797%			0.000000%				11,214.62	15,700.14	26,914.76	
478300	478308	14,858.99	20,802.50	35,661.49	0.001056%			0.000000%	9,134.90	9,134.92	3,653.95	23,993.89	33,591.37	57,585.26	
478400	478400	720.00	1,008.00	1,728.00	0.000051%	280.00	392.00	0.000629%				1,000.00	1,400.00	2,400.00	
478700	478700	17,033.10	23,846.12	40,879.22	0.001211%			0.000000%				17,033.10	23,846.12	40,879.22	
478800	478800	37,421.96	52,390.57	89,812.53	0.002660%	3,028.28	4,239.59	0.006803%				40,450.24	56,630.16	97,080.40	
478900	478900	573.96	803.64	1,377.60	0.000041%			0.000000%				573.96	803.64	1,377.60	
479000	479000	2,024.80	2,834.72	4,859.52	0.000144%			0.000000%				2,024.80	2,834.72	4,859.52	
479100	479100	5,611.97	7,856.84	13,468.81	0.000399%	3,956.00	5,538.40	0.008887%				9,567.97	13,395.24	22,963.21	
479200	479200	4,133.76	5,787.15	9,920.91	0.000294%			0.000000%	90.00	90.00	36.00	4,223.76	5,913.15	10,136.91	
479300	479300	22,828.35	31,959.63	54,787.98	0.001622%			0.000202%				22,918.35	32,085.63	55,003.98	
479400	479400	6,762.82	9,468.03	16,230.85	0.000481%			0.000000%				6,762.82	9,468.03	16,230.85	
479500	479500	1,629.39	2,281.14	3,910.53	0.000116%			0.000000%				1,629.39	2,281.14	3,910.53	
479600	479600	24,774.16	34,683.75	59,457.91	0.001761%			0.000000%				24,774.16	34,683.75	59,457.91	
479800	479808	143,182.95	200,456.38	343,639.33	0.010177%			0.000000%	480.00	480.00	192.00	143,662.95	201,128.38	344,791.33	
479900	479908	58,783.66	82,296.88	141,080.54	0.004178%	2,345.14	3,283.18	0.005268%	1,864.44	1,864.56	745.44	62,993.24	88,190.06	151,183.30	
480000	480000	17,456.08	24,438.60	41,894.68	0.001241%			0.000000%	13,537.26	13,537.23	5,414.85	30,993.34	43,390.68	74,384.02	
480100	480100	7,076.70	9,907.33	16,984.03	0.000503%			0.000000%				7,076.70	9,907.33	16,984.03	
480500	480500	13,253.38	18,554.52	31,807.90	0.000942%			0.000000%				13,253.38	18,554.52	31,807.90	
480600	480600	700.25	980.35	1,680.60	0.000050%			0.000000%				700.25	980.35	1,680.60	
480800	480800	25,233.79	35,327.11	60,560.90	0.001793%			0.000000%				25,233.79	35,327.11	60,560.90	
480900	480900	14,764.95	20,749.19	35,514.14	0.001052%			0.000000%				14,764.95	20,670.96	35,435.91	
480900	480908	8,157.46	11,420.69	19,578.15	0.000580%			0.000000%			(78.23)	8,157.46	11,420.41	19,577.87	
481000	481000	2,234.86	3,128.90	5,363.76	0.000159%			0.000000%			(0.28)	2,234.86	3,128.90	5,363.76	
481100	481100	18,880.10	26,432.22	45,312.32	0.001342%			0.000000%	1,230.58	1,230.58	492.21	20,110.68	28,155.01	48,265.69	
481200	481200	2,032.34	2,845.26	4,877.60	0.000144%			0.000000%				2,032.34	2,845.26	4,877.60	

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
481300	481300	15,946.12	22,324.69	38,270.81	0.001133%			0.000000%			0.000000%		15,946.12	22,324.69	38,270.81
481400	481400	18,299.87	25,619.50	43,919.37	0.001301%			0.000000%			0.000000%		18,299.87	25,619.50	43,919.37
481400	481408	91,705.12	128,386.72	220,091.84	0.006518%			0.000000%			0.000000%		91,705.12	128,386.72	220,091.84
481500	481500	6,975.33	9,765.40	16,740.73	0.000496%			0.000000%			0.000000%		6,975.33	9,765.40	16,740.73
481700	481708	4,565.86	6,392.30	10,958.16	0.000325%	3.00	4.20	0.000007%			0.000269%	63.94	4,565.86	6,392.30	10,958.16
481800	481808	108,884.64	152,438.42	261,323.06	0.007739%	600.00	840.00	0.001348%			0.000000%		108,884.64	152,438.42	261,323.06
482200	482200	7,608.98	10,652.57	18,261.55	0.000541%			0.000000%			0.000000%		7,608.98	10,652.57	18,261.55
482300	482308	129,617.03	181,464.14	311,081.17	0.009212%	14,019.50	19,627.30	0.031494%		8,490.49	8,490.36	3,396.18	129,617.03	181,464.14	311,081.17
482500	482500	1,547.90	2,167.06	3,714.96	0.000110%			0.000000%		30.00	30.12	11.88	1,547.90	2,167.06	3,714.96
482600	482600	19,339.51	27,075.14	46,414.65	0.001375%			0.000000%					19,339.51	27,075.14	46,414.65
482700	482708	13,175.93	18,446.18	31,622.11	0.000936%			0.000000%					13,175.93	18,446.18	31,622.11
482800	482800	18,122.28	25,371.12	43,493.40	0.001288%	20.00	28.00	0.000045%		1,627.42	1,627.42	650.97	18,122.28	25,371.12	43,493.40
482900	482908	72,733.08	101,826.27	174,559.27	0.005169%	300.00	420.00	0.000674%		8,063.06	8,062.97	3,225.26	72,733.08	101,826.27	174,559.27
483200	483200	6,902.40	9,663.36	16,565.76	0.000491%			0.000000%					6,902.40	9,663.36	16,565.76
483300	483300	15,557.04	21,779.83	37,336.87	0.001106%	3,651.82	5,112.55	0.008203%					15,557.04	21,779.83	37,336.87
483500	483500	26,256.01	36,758.49	63,014.50	0.001866%			0.000000%					26,256.01	36,758.49	63,014.50
483700	483700	27,755.89	38,857.75	66,613.64	0.001973%	372.00	520.80	0.000836%		331.80	331.92	132.60	27,755.89	38,857.75	66,613.64
483800	483800	38,253.94	53,555.40	91,809.34	0.002719%			0.000000%					38,253.94	53,555.40	91,809.34
483900	483900	25,789.84	36,105.09	61,894.93	0.001833%	583.64	817.08	0.001311%					25,789.84	36,105.09	61,894.93
484100	484108	7,987.28	11,182.11	19,169.39	0.000568%			0.000000%		5,061.48	5,061.50	2,024.58	7,987.28	11,182.11	19,169.39
484200	484200	11,565.75	16,191.93	27,757.68	0.000822%			0.000000%					11,565.75	16,191.93	27,757.68
484300	484300	64,421.31	90,189.76	154,611.07	0.004579%			0.000000%					64,421.31	90,189.76	154,611.07
484400	484400	80,691.76	112,968.02	193,659.78	0.005735%			0.000000%		240.00	240.00	96.00	80,691.76	112,968.02	193,659.78
484500	484508	52,057.26	72,880.09	124,937.35	0.003700%			0.000000%					52,057.26	72,880.09	124,937.35
484600	484600	1,916.15	2,682.61	4,598.76	0.000136%			0.000000%					1,916.15	2,682.61	4,598.76
484700	484700	3,403.35	4,764.68	8,168.03	0.000242%			0.000000%					3,403.35	4,764.68	8,168.03
484800	484800	2,359.75	3,303.69	5,663.44	0.000168%			0.000000%					2,359.75	3,303.69	5,663.44
484900	484900	31,868.40	44,614.55	76,482.95	0.002265%			0.000000%					31,868.40	44,614.55	76,482.95
485000	485000	2,141.68	2,998.40	5,140.08	0.000152%			0.000000%					2,141.68	2,998.40	5,140.08
485100	485100	24,757.95	34,661.30	59,419.25	0.001760%	240.00	336.00	0.000539%					24,757.95	34,661.30	59,419.25
485200	485200	35,327.51	49,458.51	84,786.02	0.002511%			0.000000%					35,327.51	49,458.51	84,786.02
485300	485300	61,336.84	85,870.74	147,207.58	0.004359%			0.000000%		560.31	560.32	224.11	61,336.84	85,870.74	147,207.58
485300	485308	352,980.02	494,171.99	847,152.01	0.025088%	15,467.63	21,654.54	0.034746%		18,098.79	18,098.91	7,239.43	352,980.02	494,171.99	847,152.01
485500	485508	6,502.27	9,103.09	15,605.36	0.000462%			0.000000%					6,502.27	9,103.09	15,605.36
485700	485700	9,670.29	13,538.34	23,208.63	0.000687%			0.000000%					9,670.29	13,538.34	23,208.63
485800	485800	1,036.75	1,451.45	2,488.20	0.000074%			0.000000%					1,036.75	1,451.45	2,488.20
485900	485908	51,798.84	72,518.46	124,317.30	0.003682%	687.54	962.48	0.001544%					51,798.84	72,518.46	124,317.30
486000	486000	46,088.01	64,523.46	110,611.47	0.003276%			0.000000%					46,088.01	64,523.46	110,611.47
486200	486200	29,674.15	41,544.31	71,218.46	0.002109%	537.00	751.80	0.001206%					29,674.15	41,544.31	71,218.46
486300	486300	56,168.93	78,636.33	134,805.26	0.003992%	2,755.33	3,857.47	0.006190%		5,347.94	5,347.96	2,139.11	56,168.93	78,636.33	134,805.26
486400	486400	16,101.16	22,541.59	38,642.75	0.001144%			0.000000%					16,101.16	22,541.59	38,642.75
486500	486500	873.65	1,223.11	2,096.76	0.000062%			0.000000%		151.50	151.50	60.60	873.65	1,223.11	2,096.76
486600	486600	82,992.20	116,189.10	199,181.30	0.005899%			0.000000%					82,992.20	116,189.10	199,181.30
486700	486708	58,713.93	82,199.79	140,913.72	0.004173%	11,731.21	16,423.72	0.026353%		4,968.48	4,968.49	1,987.36	58,713.93	82,199.79	140,913.72
486800	486800	24,609.68	34,453.25	59,062.93	0.001749%			0.000000%					24,609.68	34,453.25	59,062.93
486900	486900	1,496.00	2,094.40	3,590.40	0.000106%			0.000000%					1,496.00	2,094.40	3,590.40
487000	487000	10,871.59	15,220.24	26,091.83	0.000773%			0.000000%					10,871.59	15,220.24	26,091.83
487100	487100	1,882.04	2,634.86	4,516.90	0.000134%			0.000000%					1,882.04	2,634.86	4,516.90
487200	487200	7,998.89	11,198.73	19,197.62	0.000569%			0.000000%					7,998.89	11,198.73	19,197.62
487300	487300	12,755.43	17,857.61	30,613.04	0.000907%			0.000000%					12,755.43	17,857.61	30,613.04
487400	487400	28,519.94	39,927.84	68,447.78	0.002027%			0.000000%		22.98	22.97	9.23	28,519.94	39,927.84	68,447.78
487500	487500	32,582.57	45,615.78	78,198.35	0.002316%			0.000000%		2,964.32	2,964.32	1,185.72	32,582.57	45,615.78	78,198.35
487700	487700	4,042.70	5,659.76	9,702.46	0.000287%			0.000000%					4,042.70	5,659.76	9,702.46
487800	487800	20,030.68	28,043.11	48,073.79	0.001424%			0.000000%					20,030.68	28,043.11	48,073.79
488000	488000	267.00	373.80	640.80	0.000019%			0.000000%					267.00	373.80	640.80
488200	488200	4,419.80	6,187.72	10,607.52	0.000314%			0.000000%					4,419.80	6,187.72	10,607.52
488400	488400	18,827.36	26,358.13	45,185.49	0.001338%			0.000000%					18,827.36	26,358.13	45,185.49
488500	488500	4,166.00	5,832.40	9,998.40	0.000296%			0.000000%					4,166.00	5,832.40	9,998.40
488600	488600	5,303.34	7,424.68	12,728.02	0.000377%			0.000000%					5,303.34	7,424.68	12,728.02
488700	488708	135,069.69	189,097.21	324,166.90	0.009600%			0.000000%					135,069.69	189,097.21	324,166.90
488800	488800	19,202.95	26,885.12	46,088.07	0.001365%			0.000000%					19,202.95	26,885.12	46,088.07
489400	489400	48,086.45	67,321.02	115,407.47	0.003418%			0.000000%		232.14	232.14	92.86	48,086.45	67,321.02	115,407.47
489500	489508	218,452.50	305,831.65	524,284.15	0.015526%	3,764.80	5,270.72	0.008457%		7,764.98	7,764.82	3,105.98	218,452.50	305,831.65	524,284.15
489600	489600	1,360.08	1,903.92	3,264.00	0.000097%			0.000000%					1,360.08	1,903.92	3,264.00
489800	489800	4,074.90	5,704.86	9,779.76	0.000290%			0.000000%					4,074.90	5,704.86	9,779.76

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
489900	489900			-	0.000000%												
490000	490000	9,268.86	12,976.48	22,245.34	0.000659%	390.00	546.00	0.000876%									
490200	490208	4,936.89	6,911.67	11,848.56	0.000351%												
490300	490308	140,408.80	196,571.81	336,980.61	0.009979%	4,524.40	6,334.19	0.010164%									
490400	490400	18,165.63	25,431.86	43,597.49	0.001291%												
490500	490500	3,138.00	4,393.20	7,531.20	0.000223%	1,420.00	1,988.00	0.000319%									
490600	490600	19,861.52	27,806.11	47,667.63	0.001412%												
490700	490700	19,299.84	27,019.83	46,319.67	0.001372%	131.91	184.66	0.000296%									
490800	490800	1,633.54	2,286.93	3,920.47	0.000116%												
490800	490808	23,633.70	33,087.14	56,720.84	0.001680%												
490900	490900	28,890.61	40,433.48	69,324.09	0.002053%												
491000	491000	1,529.40	2,141.16	3,670.56	0.000109%												
491200	491200	18,618.63	26,065.98	44,684.61	0.001323%												
491300	491308	78,909.01	110,472.62	189,381.63	0.005608%	9,290.82	13,007.17	0.020871%									
491400	491408	202,667.84	283,734.21	486,402.05	0.014404%												
491600	491600	12,560.52	17,584.69	30,145.21	0.000893%	150.00	210.00	0.000337%									
491700	491700	7,988.44	11,183.38	19,171.82	0.000568%												
491800	491800	13,895.22	19,453.36	33,348.58	0.000988%	4,378.17	6,129.42	0.009835%									
491900	491908	40,855.16	57,196.96	98,052.12	0.002904%												
492000	492008	209,494.49	293,292.07	502,786.56	0.014890%	8,220.38	11,508.51	0.018466%									
492100	492108	38,998.69	54,597.81	93,596.50	0.002772%												
492200	492200	736.50	1,031.10	1,767.60	0.000052%												
492400	492408	150,866.85	211,213.28	362,080.13	0.010723%	4,111.10	5,755.55	0.009235%									
492500	492500	603.50	844.90	1,448.40	0.000043%												
492600	492600	946.98	1,325.82	2,272.80	0.000067%	1,149.96	1,610.02	0.002583%									
493000	493000	28,344.15	39,681.83	68,025.98	0.002015%	19.08	26.70	0.000043%									
493100	493100	6,621.59	9,269.98	15,891.57	0.000471%	548.44	767.78	0.001232%									
493200	493200	31,044.75	43,462.34	74,507.09	0.002206%	5,766.21	8,072.56	0.012953%									
493300	493308	135,287.92	189,402.54	324,690.46	0.009615%	349.26	488.94	0.000785%									
493400	493400	850.08	1,189.92	2,040.00	0.000060%												
493500	493508	8,020.06	11,227.94	19,248.00	0.000570%												
493600	493608	67,170.03	94,038.42	161,208.45	0.004774%												
493700	493700	17,642.67	24,699.40	42,342.07	0.001254%												
493800	493800	588.63	824.07	1,412.70	0.000042%												
493900	493900	1,207.95	1,691.13	2,899.08	0.000086%												
494100	494100	393.59	551.03	944.62	0.000028%												
494200	494200	40,500.42	56,700.35	97,200.77	0.002879%												
494300	494300	13,804.86	19,324.17	33,129.03	0.000981%												
494300	494308	74,833.51	104,769.99	179,603.50	0.005319%												
494400	494400	25,645.25	35,903.03	61,548.28	0.001823%	8,220.88	11,509.22	0.018467%									
494800	494800	13,493.32	18,890.83	32,384.15	0.000959%	699.97	980.03	0.001573%									
494900	494900	15,161.65	21,225.93	36,387.58	0.001078%	551.03	771.45	0.001238%									
494900	494908	72,388.13	101,343.23	173,731.36	0.005145%												
495000	495000	2,881.75	4,034.49	6,916.24	0.000205%												
495100	495100	73,644.02	103,101.41	176,745.43	0.005234%												
495100	495108	5,180.00	7,252.00	12,432.00	0.000368%												
495200	495200	360.00	504.00	864.00	0.000026%												
495400	495400	38,519.91	53,928.16	92,448.07	0.002738%												
495500	495500	6,650.95	9,311.34	15,962.29	0.000473%	300.00	420.00	0.000674%									
495800	495800	5,130.33	7,182.61	12,312.94	0.000365%												
495900	495900	3,928.78	5,500.07	9,428.85	0.000279%												
496000	496000	12,408.49	17,371.52	29,780.01	0.000882%												
496100	496100	32,705.57	45,787.80	78,493.37	0.002325%	270.00	378.00	0.000607%									
496200	496200	93,386.30	130,740.44	224,126.74	0.006637%												
496300	496300	4,112.10	5,757.06	9,869.16	0.000292%												
496400	496400	53,414.84	74,780.56	128,195.40	0.003796%												
496600	496600	1,125.93	1,576.29	2,702.22	0.000080%												
496800	496808	183,388.69	256,744.22	440,132.91	0.013034%												
496900	496900	660.36	924.60	1,584.96	0.000047%												
497000	497000	24,186.22	33,860.24	58,046.46	0.001719%												
497100	497100	3,853.50	5,394.90	9,248.40	0.000274%												
497200	497200	600.00	840.00	1,440.00	0.000043%												
497300	497300				0.000000%												
497500	497508	101,541.37	142,157.61	243,698.98	0.007217%												
497600	497600	85,572.58	119,801.35	205,373.93	0.006082%												

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
497700	497700	1,963.38	2,748.77	4,712.15	0.000140%								1,963.38	2,748.77	4,712.15
500100	500100	15,678.37	21,949.41	37,627.78	0.001114%								15,678.37	21,949.41	37,627.78
500300	500300	46,939.51	65,713.52	112,653.03	0.003336%								46,939.51	65,713.52	112,653.03
500300	500308	1,189,499.65	1,665,276.64	2,854,776.29	0.084542%	865.99	1,212.39	0.001945%	3,761.06	3,761.06	0.006327%	1,504.31	51,566.56	72,191.28	123,757.84
500700	500700	13,324.51	18,654.31	31,978.82	0.000947%								13,324.51	18,654.31	31,978.82
500800	500800	5,434.53	7,608.21	13,042.74	0.000386%								5,434.53	7,608.21	13,042.74
500900	500908	102,093.69	142,931.05	245,024.74	0.007256%								102,093.69	142,931.05	245,024.74
501100	501108	54,303.77	76,024.68	130,328.45	0.003860%								54,303.77	76,024.68	130,328.45
501300	501300	18,688.93	26,165.14	44,854.07	0.001328%								18,688.93	26,165.14	44,854.07
501500	501500	12,559.09	17,582.24	30,141.33	0.000893%								12,559.09	17,582.24	30,141.33
501700	501700	18,928.14	26,499.45	45,427.59	0.001345%								18,928.14	26,499.45	45,427.59
501900	501908	60,036.10	84,050.55	144,086.65	0.004267%	2,209.21	3,092.85	0.004963%	7,778.46	7,778.46	0.013086%	3,111.25	139,545.65	195,363.11	334,908.76
502100	502100	13,059.53	18,283.23	31,342.76	0.000928%	524.11	733.74	0.001177%	4,090.38	4,090.38	0.006881%	1,636.13	78,883.23	110,436.50	189,319.73
502300	502308	89,507.81	125,310.42	214,818.23	0.006362%	1,060.30	1,484.39	0.002382%	8,132.88	8,132.88	0.013682%	3,253.13	98,700.99	138,180.82	236,881.81
502500	502500	29,585.21	41,419.22	71,004.43	0.002103%								29,585.21	41,419.22	71,004.43
502900	502900	11,504.55	16,105.96	27,610.51	0.000818%								11,504.55	16,105.96	27,610.51
503100	503108	120,603.02	168,843.62	289,446.64	0.008572%	11,164.17	15,629.72	0.025079%	7,778.46	7,778.52	0.013086%	3,111.25	139,545.65	195,363.11	334,908.76
504300	504308	74,792.85	104,709.97	179,502.82	0.005316%								74,792.85	104,709.97	179,502.82
504500	504508	27,132.59	37,985.58	65,118.17	0.001928%								27,132.59	37,985.58	65,118.17
504700	504700	384,190.83	537,783.52	921,974.35	0.027303%	12,009.85	16,813.86	0.026799%	13,921.46	13,921.45	0.023420%	5,652.52	410,122.14	574,171.35	984,293.49
505100	505100	20,805.96	29,128.39	49,934.35	0.001479%								20,805.96	29,128.39	49,934.35
505700	505700	3,606.94	5,049.66	8,656.60	0.000256%								3,606.94	5,049.66	8,656.60
505900	505900	61,242.81	85,739.76	146,982.57	0.004353%	465.17	651.23	0.001045%	802.07	802.06	0.001349%	320.85	62,510.05	87,513.90	150,023.95
506100	506100	39,960.99	55,945.46	95,906.45	0.002840%								39,960.99	55,945.46	95,906.45
506300	506308	29,707.61	41,590.51	71,298.12	0.002111%	1,263.13	1,768.32	0.002837%	6,395.28	6,395.30	0.010759%	2,558.09	37,366.02	52,312.22	89,678.24
506500	506500	5,744.20	8,041.84	13,786.04	0.000408%								5,744.20	8,041.84	13,786.04
506700	506708	136,262.53	190,767.14	327,029.67	0.009685%								136,262.53	190,767.14	327,029.67
506900	506900	30,272.99	42,382.12	72,655.11	0.002152%								30,272.99	42,382.12	72,655.11
507100	507100	4,681.67	6,554.29	11,235.96	0.000333%	1,735.57	2,429.76	0.003899%	9,452.47	9,452.39	0.015902%	3,780.91	145,715.00	204,000.44	349,715.44
507300	507308	16,539.25	23,154.87	39,694.12	0.001176%								16,539.25	23,154.87	39,694.12
507500	507508	9,348.79	13,088.07	22,436.86	0.000664%								9,348.79	13,088.07	22,436.86
507700	507700	115,596.98	161,833.20	277,430.18	0.008216%								115,596.98	161,833.20	277,430.18
507900	507900	9,085.98	12,720.13	21,806.11	0.000646%								9,085.98	12,720.13	21,806.11
508000	508000	112,071.42	156,899.29	268,970.71	0.007965%								112,071.42	156,899.29	268,970.71
508100	508108	11,744.59	16,442.34	28,186.93	0.000835%	2,938.47	4,113.86	0.006601%	1,584.62	1,584.61	0.002666%	633.84	16,267.68	22,774.65	39,042.33
508500	508508	113,496.85	158,895.01	272,391.86	0.008067%								113,496.85	158,895.01	272,391.86
508700	508708	30,098.47	42,187.66	72,286.13	0.002141%							(50.00)	30,098.47	42,187.66	72,286.13
508900	508908	46,643.20	65,300.45	111,943.65	0.003315%								46,643.20	65,300.45	111,943.65
509100	509108	40,077.55	56,108.07	96,185.62	0.002848%								40,077.55	56,108.07	96,185.62
509300	509300	21,535.79	30,150.04	51,685.83	0.001531%								21,535.79	30,150.04	51,685.83
509500	509500	68,036.21	95,250.77	163,286.98	0.004836%								68,036.21	95,250.77	163,286.98
509900	509900	25,323.07	35,450.50	60,773.57	0.001800%								25,323.07	35,450.50	60,773.57
509900	509908	568,321.93	795,649.98	1,363,971.91	0.040393%	35,556.31	49,778.80	0.079874%	22,400.60	22,400.60	0.037684%	8,960.27	626,278.84	876,789.65	1,503,068.49
510000	510000	50,070.07	70,097.91	120,167.98	0.003559%	688.95	964.53	0.001548%					50,070.07	70,097.91	120,167.98
510100	510100	7,932.24	11,105.03	19,037.27	0.000564%								7,932.24	11,105.03	19,037.27
510300	510300	22,867.59	32,014.81	54,882.40	0.001625%								22,867.59	32,014.81	54,882.40
510500	510500	31,406.51	43,968.92	75,375.43	0.002232%	1,277.80	1,788.94	0.002870%	1,637.34	1,637.39	0.002755%	654.87	34,321.65	48,050.12	82,371.77
510900	510900	58,395.89	81,753.89	140,149.78	0.004150%								58,395.89	81,753.89	140,149.78
511100	511108	14,017.04	19,623.83	33,640.87	0.000996%								14,017.04	19,623.83	33,640.87
511300	511308	262,880.35	368,031.60	630,911.95	0.018684%	26,287.85	36,802.96	0.059053%	12,297.98	12,298.09	0.020689%	4,919.25	301,466.18	422,051.90	723,518.08
511500	511508	355,966.93	498,352.79	854,319.72	0.025300%	7,575.70	10,605.95	0.017018%	25,294.04	25,294.19	0.042529%	10,117.46	388,836.67	544,370.39	933,207.06
511900	511900	13,916.06	19,482.67	33,398.73	0.000989%								13,916.06	19,482.67	33,398.73
512100	512108	159,116.53	222,763.11	381,879.64	0.011309%								159,116.53	222,763.11	381,879.64
512300	512308	2,661,632.89	3,726,285.37	6,387,918.26	0.189172%	93,196.47	130,475.23	0.209358%	161,775.00	161,775.03	0.272151%	64,709.90	2,916,604.36	4,083,245.53	6,999,849.89
512500	512508	90,861.20	127,205.71	218,066.91	0.006458%								90,861.20	127,205.71	218,066.91
512600	512608	2,777,887.06	3,889,023.24	6,666,910.30	0.197434%	46,927.02	65,697.48	0.105417%	123,190.71	123,190.26	0.207241%	49,275.93	2,948,004.79	4,127,186.91	7,075,191.70
512700	512708	2,885,916.27	4,040,282.21	6,926,198.48	0.205113%	76,799.02	107,518.51	0.172522%	72,502.06	72,502.42	0.121969%	29,000.98	3,035,217.35	4,249,304.12	7,284,521.47
512900	512908	404,723.81	566,613.88	971,337.69	0.028765%	25,439.98	35,615.78	0.057148%	26,078.28	26,078.31	0.043871%	10,431.24	456,242.07	638,739.21	1,094,981.28
513100	513100	28,188.34	39,463.44	67,651.78	0.002003%	4,377.22	6,127.94	0.009833%					28,188.34	39,463.44	67,651.78
513300	513300	15,804.38	22,126.00	37,930.38	0.001123%								15,804.38	22,126.00	37,930.38
513500	513508	38,490.03	53,886.13	92,376.16	0.002736%	1,128.54	1,579.89	0.002535%	1,792.65	1,792.72	0.003016%	717.08	41,411.22	57,975.82	99,387.04
513700	513708	2,969,942.45	4,157,916.28	7,127,858.73	0.211085%	160,161.27	224,225.79	0.359788%	167,296.30	167,296.27	0.281439%	66,918.68	3,297,400.02	4,616,357.02	7,913,757.04
513900	513900	45,050.03	63,069.54	108,119.57	0.003202%								45,050.03	63,069.54	108,119.57
514100	514108	76,553.46	107,173.92	183,727.38	0.005441%								76,553.46	107,173.92	183,727.38
514300	514300	15,564.58	21,790.22	37,354.80	0.001106%	7.27	10.17	0.000016%	1,502.64	1,502.64	0.002528%	601.00	78,056.10	109,277.56	187,333.66
													15,571.85	21,800.39	37,372.24

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
514500	514500	25,837.09	36,172.08	62,009.17	0.001836%			0.000000%			0.000000%		25,837.09	36,172.08	62,009.17
514700	514708	109,733.44	153,626.50	263,359.94	0.007799%			0.010629%			0.005531%	1,315.23	117,752.88	164,853.76	282,606.64
515100	515108	1,436,049.73	2,010,469.73	3,446,519.46	0.102065%			0.102884%			0.153495%	36,496.56	1,573,090.61	2,202,327.07	3,775,417.68
515300	515300	83,504.84	116,906.34	200,411.18	0.005935%			0.003617%			0.000000%		85,114.89	119,160.40	204,275.29
515500	515508	260,415.09	364,579.80	624,994.89	0.018509%			0.002294%			0.008424%	2,002.96	266,443.96	373,020.23	639,464.19
515700	515700	23,366.06	32,712.30	56,078.36	0.001661%			0.000000%			0.000000%		23,366.06	32,712.30	56,078.36
515900	515900	7,516.72	10,523.11	18,039.83	0.000534%			0.000000%			0.004096%	973.81	9,951.43	13,931.57	23,883.00
515900	515908	7,516.74	10,523.51	18,040.25	0.000534%			0.000000%			0.004096%	973.91	9,951.54	13,932.29	23,883.83
516200	516200	13,246.90	18,545.38	31,792.28	0.000941%			0.000000%			0.000000%		13,246.90	18,545.38	31,792.28
516300	516300	11,536.82	16,151.25	27,688.07	0.000820%			0.000000%			0.005004%	1,189.86	14,511.52	20,315.85	34,827.37
516500	516500	42,369.74	59,317.77	101,687.51	0.003011%			0.000000%			0.006047%	1,437.84	45,964.34	64,350.33	110,314.67
516700	516708	227,566.20	318,592.27	546,158.47	0.016174%	12,086.07	16,920.45	0.027150%			0.038687%	9,198.78	262,649.21	367,708.41	630,357.62
516800	516800	4,533.50	6,346.90	10,880.40	0.000322%			0.000000%			0.000000%		4,533.50	6,346.90	10,880.40
517100	517100	111,899.25	156,658.78	268,558.03	0.007953%			0.000000%			0.001256%	298.75	112,646.11	157,704.38	270,350.49
517200	517208	27,150.55	38,010.60	65,161.15	0.001930%			0.000000%			0.000000%		27,150.55	38,010.60	65,161.15
517300	517300	19,345.68	27,083.90	46,429.58	0.001375%			0.000000%			0.000000%		19,345.68	27,083.90	46,429.58
517600	517600	25,924.80	36,294.63	62,219.43	0.001843%			0.000000%			0.008213%	1,952.93	30,807.00	43,129.73	73,936.73
517900	517908	178,935.26	250,508.52	429,443.78	0.012718%	10,221.10	14,309.54	0.022961%			0.027256%	6,480.55	205,358.21	287,500.67	492,858.88
518000	518008	239,808.33	335,731.27	575,539.60	0.017044%			0.000000%			0.000000%		239,808.33	335,731.27	575,539.60
518100	518100	16,979.78	23,771.69	40,751.47	0.001207%			0.000000%			0.001785%	424.32	18,040.64	25,256.99	43,297.63
518300	518300	9,728.80	13,620.07	23,348.87	0.000691%			0.000000%			0.000336%	79.98	9,928.73	13,899.98	23,828.71
518500	518508	150,781.57	211,093.89	361,875.46	0.010717%	4,543.75	6,361.23	0.010207%			0.002072%	492.73	156,557.18	219,179.72	375,736.90
518700	518700	9,398.57	13,157.64	22,556.21	0.000668%			0.000000%			0.000000%		9,398.57	13,157.64	22,556.21
518900	518900	4,018.10	5,625.32	9,643.42	0.000286%	2,932.18	4,105.05	0.006587%			0.000000%		6,950.28	9,730.37	16,680.65
519100	519100	40,094.51	56,132.18	96,226.69	0.002850%			0.000000%			0.000000%		40,094.51	56,132.18	96,226.69
519500	519508	95,098.06	133,136.82	228,234.88	0.006759%	379.72	531.60	0.000853%	812.30	812.33	0.001367%	324.90	96,290.08	134,805.65	231,095.73
519700	519708	96,115.17	134,560.02	230,675.19	0.006831%	3,266.04	4,572.46	0.007337%	13,974.55	13,974.50	0.023509%	5,589.81	113,355.76	158,696.79	272,052.55
520100	520100	3,712.17	5,196.89	8,909.06	0.000264%			0.000000%			0.000000%		3,712.17	5,196.89	8,909.06
520100	520108	24,264.76	33,970.49	58,235.25	0.001725%	3,243.96	4,541.52	0.007287%			0.000000%		27,508.72	38,512.01	66,020.73
520300	520300	64,708.38	90,591.63	155,300.01	0.004599%			0.000000%	3,784.54	3,784.55	0.006367%	1,513.81	68,492.92	95,889.99	164,382.91
520900	520908	66,477.47	93,067.71	159,545.18	0.004725%			0.000000%	905.04	905.04	0.001523%	362.00	67,382.51	94,334.75	161,717.26
521100	521108	39,905.49	55,866.88	95,772.37	0.002836%			0.000000%	1,081.06	1,081.02	0.001819%	432.42	40,986.55	57,380.32	98,366.87
521300	521300	41,402.70	57,963.63	99,366.33	0.002943%			0.000000%	1,711.02	1,710.91	0.002878%	684.37	43,113.72	60,358.91	103,472.63
521500	521500	9,725.30	13,615.50	23,340.80	0.000691%			0.000000%			0.000000%		9,725.30	13,615.50	23,340.80
521600	521608	55,206.34	77,291.75	132,498.09	0.003924%	7,233.04	10,126.35	0.016249%			0.000000%		62,439.38	87,418.10	149,857.48
521700	521708	167,142.81	233,999.78	401,142.59	0.011879%	968.00	1,355.20	0.002175%	2,778.73	2,778.74	0.004675%	1,111.47	170,889.54	239,245.19	410,134.73
521900	521900	41,642.46	58,299.32	99,941.78	0.002960%	4,128.13	5,779.42	0.009274%	8,857.93	8,857.90	0.014901%	3,543.22	54,628.52	76,479.86	131,108.38
522100	522100	2,714.56	3,800.38	6,514.94	0.000193%			0.000000%			0.000000%		2,714.56	3,800.38	6,514.94
522500	522500	60,065.67	84,091.75	144,157.42	0.004269%	2,403.60	3,365.04	0.005399%	3,245.82	3,245.81	0.005460%	1,298.34	65,715.09	92,000.94	157,716.03
522700	522708	269,026.08	376,635.72	645,661.80	0.019121%	9,936.85	13,911.63	0.023222%	19,511.90	19,511.98	0.032825%	7,804.71	298,474.83	417,864.04	716,338.87
523100	523108	275,770.61	386,076.46	661,847.07	0.019600%	7,433.09	10,406.32	0.016698%	14,221.42	14,221.42	0.023924%	5,688.66	297,425.12	416,392.86	713,817.98
523500	523508	62,746.46	87,844.62	150,591.08	0.004460%	6,230.12	8,721.98	0.013995%	2,256.57	2,256.58	0.003796%	902.65	71,233.15	99,725.83	170,958.98
523700	523700	71,874.62	100,624.51	172,499.13	0.005108%	1,134.57	1,588.40	0.002549%	3,412.34	3,412.37	0.005741%	1,364.89	76,421.53	106,990.17	183,411.70
523700	523708	38,701.04	54,181.47	92,882.51	0.002751%	610.82	855.14	0.001372%	1,837.26	1,837.28	0.003091%	734.88	41,149.12	57,608.77	98,757.89
523900	523900	11,754.22	16,455.85	28,210.07	0.000835%			0.000000%			0.000000%		11,754.22	16,455.85	28,210.07
524100	524100	8,865.11	12,411.15	21,276.26	0.000630%			0.000000%			0.000000%		8,865.11	12,411.15	21,276.26
524300	524308	44,105.98	61,748.39	105,854.37	0.003135%	5,572.39	7,801.48	0.012518%	1,002.78	1,002.78	0.001687%	401.16	50,681.15	70,953.81	121,634.96
524500	524508	137,801.94	192,922.40	330,724.34	0.009794%	9,799.00	13,718.65	0.022013%	8,144.62	8,144.52	0.013701%	3,257.93	155,745.56	218,043.50	373,789.06
524700	524700	36,045.62	50,463.75	86,509.37	0.002562%			0.000000%	502.85	502.82	0.000846%	201.15	36,548.47	51,167.72	87,716.19
526100	526100	12,238.03	17,133.21	29,371.24	0.000870%			0.000000%	2.57	2.58	0.000004%	1.01	12,240.60	17,136.80	29,377.40
526100	526108	8,159.77	11,423.83	19,583.60	0.000580%			0.000000%	1.71	1.71	0.000003%	0.68	8,161.48	11,426.22	19,587.70
526300	526308	22,005.62	30,807.80	52,813.42	0.001564%			0.000000%			0.000000%		22,005.62	30,807.80	52,813.42
527100	527100	88,000.21	123,199.65	211,199.86	0.006254%	3,630.14	5,082.14	0.008155%	4,886.76	4,886.77	0.008221%	1,954.83	96,517.11	135,123.39	231,640.50
527300	527300	32,471.26	45,459.59	77,930.85	0.002308%			0.000000%			0.000000%		32,471.26	45,459.59	77,930.85
527700	527700	11,206.97	15,689.75	26,896.72	0.000797%	4,874.80	6,824.72	0.010951%	2,596.01	2,596.02	0.004367%	1,038.39	18,677.78	26,148.88	44,826.66
527900	527900	21,658.51	30,321.33	51,979.84	0.001539%			0.000000%			0.000000%		21,658.51	30,321.33	51,979.84
527900	527908	11,640.07	16,296.08	27,936.15	0.000827%			0.000000%			0.000000%		11,640.07	16,296.08	27,936.15
528100	528108	44,730.06	62,621.92	107,351.98	0.003179%			0.000000%			0.000000%		44,730.06	62,621.92	107,351.98
529100	529100	39,532.86	55,345.61	94,878.47	0.002810%	1,612.88	2,257.99	0.003623%	3,699.49	3,699.44	0.006223%	1,479.81	44,845.23	62,782.85	107,628.08
529100	529108	156,527.72	219,138.81	375,666.53	0.011125%			0.000000%			0.000000%		156,527.72	219,138.81	375,666.53
529300	529308	195,023.21	273,028.53	468,051.74	0.013861%			0.000000%	6,412.42	6,412.35	0.010787%	2,564.92	201,435.63	282,005.80	483,441.43
529500	529500	2,905.11	4,067.30	6,972.41	0.000206%			0.000000%	1,068.19	1,068.22	0.001797%	427.28	3,973.30	5,562.80	9,536.10
529500	529508	75,439.21	105,614.78	181,053.99	0.005362%			0.000000%	503.10	503.11	0.000846%	201.23	75,942.31	106,619.12	182,561.43
529600	529600	34,915.77	48,881.94	83,797.71	0.002482%										

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
529900	529900	11,951.65	16,732.09	28,683.74	0.000849%			0.000000%	1,083.57	1,083.52	0.001823%	433.45	13,035.22	18,249.06	31,284.28
530100	530100	6,328.07	8,859.19	15,187.26	0.000450%			0.000000%			0.000000%		6,328.07	8,859.19	15,187.26
530100	530108	1,488.00	2,083.20	3,571.20	0.000106%			0.000000%			0.000000%		1,488.00	2,083.20	3,571.20
530300	530308	11,162.63	15,627.67	26,790.30	0.000793%			0.000000%			0.000000%		11,162.63	15,627.67	26,790.30
530500	530508	123,372.54	172,721.65	296,094.19	0.008769%	8,998.76	12,598.27	0.020215%	1,788.70	1,788.70	0.003009%	715.47	123,372.54	172,721.65	317,694.19
530700	530700	16,475.93	23,066.10	39,542.03	0.001171%	2,480.97	3,473.34	0.005573%	1,315.96	1,315.99	0.002214%	526.42	16,475.93	23,066.10	39,542.03
531100	531108	39,718.82	55,605.95	95,324.77	0.002823%			0.000000%			0.000000%		39,718.82	55,605.95	95,324.77
531300	531308	37,049.74	51,869.33	88,919.07	0.002633%	5,408.64	7,572.12	0.012150%			0.000000%		37,049.74	51,869.33	88,919.07
531500	531508	383,883.93	537,435.72	921,319.65	0.027284%			0.000000%	17,635.57	17,635.30	0.029668%	7,054.20	383,883.93	537,435.72	921,319.65
531700	531708	28,498.21	39,899.01	68,397.22	0.002026%	6,238.49	8,734.20	0.014015%			0.000000%		28,498.21	39,899.01	68,397.22
531900	531900	41,270.54	57,778.41	99,048.95	0.002933%	4,904.53	6,866.34	0.011018%	728.17	728.16	0.001225%	291.22	41,270.54	57,778.41	99,048.95
533100	533100	21,916.52	30,683.40	52,599.92	0.001558%			0.000000%			0.000000%		21,916.52	30,683.40	52,599.92
533300	533300	14,650.51	20,510.56	35,161.07	0.001041%			0.000000%			0.000000%		14,650.51	20,510.56	35,161.07
533500	533500	27,608.19	38,651.39	66,259.58	0.001962%			0.000000%	1,402.92	1,402.92	0.002360%	561.18	27,608.19	38,651.39	66,259.58
533700	533708	70,931.64	99,304.06	170,235.70	0.005041%			0.000000%	1,366.61	1,366.60	0.002299%	546.63	70,931.64	99,304.06	170,235.70
534100	534108	433,165.13	606,430.80	1,039,595.93	0.030787%	6,362.32	8,907.18	0.014292%	15,415.05	15,414.99	0.025932%	6,165.95	433,165.13	606,430.80	1,039,595.93
534300	534308	131,113.45	183,558.65	314,672.10	0.009319%	7,673.80	10,743.15	0.017238%	2,273.27	2,273.28	0.003824%	909.32	131,113.45	183,558.65	314,672.10
534500	534508	94,490.60	132,286.76	226,777.36	0.006716%	5,915.93	8,282.26	0.013290%	12,082.72	12,082.72	0.020327%	4,833.04	94,490.60	132,286.76	226,777.36
534900	534900	67,605.71	94,647.28	162,252.99	0.004805%			0.000000%			0.000000%		67,605.71	94,647.28	162,252.99
535100	535108	76,560.99	107,185.23	183,746.22	0.005441%	7,548.06	10,567.30	0.016956%	10,662.98	10,662.90	0.017938%	4,265.11	76,560.99	107,185.23	183,746.22
535300	535300	121,329.69	169,860.60	291,190.29	0.008623%	462.53	647.53	0.001039%	13,131.16	13,131.19	0.022090%	5,252.47	121,329.69	169,860.60	291,190.29
535700	535700	20,852.93	29,193.79	50,046.72	0.001482%			0.000000%	1,002.71	1,002.67	0.001687%	401.08	20,852.93	29,193.79	50,046.72
535900	535908	381,484.42	534,074.12	915,558.54	0.027113%	27,128.17	37,979.18	0.060941%	27,810.50	27,810.35	0.046785%	11,124.13	381,484.42	534,074.12	915,558.54
536100	536108	188,618.85	264,066.94	452,685.79	0.013406%	4,775.34	6,685.50	0.010727%	12,004.87	12,004.81	0.020195%	4,802.07	188,618.85	264,066.94	452,685.79
536300	536300	11,009.16	15,412.79	26,421.95	0.000782%			0.000000%	369.26	369.20	0.000621%	147.72	11,009.16	15,412.79	26,421.95
536700	536708	56,169.86	78,639.30	134,809.16	0.003992%			0.000000%			0.000000%		56,169.86	78,639.30	134,809.16
536900	536908	332,193.43	465,070.35	797,263.78	0.023610%	5,825.35	8,155.48	0.013086%	23,656.16	23,656.08	0.039796%	9,462.37	332,193.43	465,070.35	797,263.78
537500	537500	53,666.01	75,131.98	128,797.99	0.003814%			0.000000%			0.000000%		53,666.01	75,131.98	128,797.99
537700	537708	27,175.70	38,045.90	65,221.60	0.001931%	2,235.43	3,129.65	0.005022%	3,140.48	3,140.48	0.005283%	1,256.29	27,175.70	38,045.90	65,221.60
537800	537800	6,424.43	8,994.09	15,418.52	0.000457%			0.000000%			0.000000%		6,424.43	8,994.09	15,418.52
537900	537900	11,316.71	15,843.04	27,159.75	0.000804%			0.000000%			0.000000%		11,316.71	15,843.04	27,159.75
538100	538100	42,939.48	60,138.36	103,077.84	0.003053%			0.000000%			0.000000%	(23.23)	42,939.48	60,138.36	103,077.84
538300	538300	16,352.05	22,892.62	39,244.67	0.001162%			0.000000%			0.000000%		16,352.05	22,892.62	39,244.67
538500	538500	13,534.77	18,948.16	32,482.93	0.000962%			0.000000%			0.000000%		13,534.77	18,948.16	32,482.93
538700	538708	146,941.06	205,717.25	352,658.31	0.010444%	1,103.24	1,544.49	0.002478%	3,795.62	3,795.82	0.006386%	1,518.24	146,941.06	205,717.25	352,658.31
538900	538900	5,571.17	7,799.59	13,370.76	0.000396%			0.000000%			0.000000%		5,571.17	7,799.59	13,370.76
539100	539100	26,124.36	36,574.15	62,698.51	0.001857%	6,536.04	9,150.38	0.014683%	939.30	939.31	0.001580%	375.71	26,124.36	36,574.15	62,698.51
539200	539200	11,969.23	16,756.42	28,725.65	0.000851%			0.000000%			0.000000%		11,969.23	16,756.42	28,725.65
539300	539300	140,557.07	196,779.96	337,337.03	0.009990%	2,844.77	3,982.68	0.006391%	9,605.79	9,605.76	0.016160%	3,842.32	140,557.07	196,779.96	337,337.03
539500	539500	208,095.12	291,331.38	499,426.50	0.014790%	8,478.03	11,869.21	0.019045%	7,427.92	7,427.90	0.012496%	2,971.08	208,095.12	291,331.38	499,426.50
539700	539700	29,147.17	40,806.16	69,953.33	0.002072%			0.000000%	6.94	6.94	0.000012%	2.78	29,147.17	40,806.16	69,953.33
539900	539900	22,031.62	30,844.28	52,875.90	0.001566%			0.000000%			0.000000%		22,031.62	30,844.28	52,875.90
540100	540108	48,016.70	67,222.19	115,238.89	0.003413%			0.000000%			0.000000%		48,016.70	67,222.19	115,238.89
540300	540300	14,179.86	19,851.34	34,031.20	0.001008%			0.000000%	1,363.24	1,363.20	0.002293%	545.28	14,179.86	19,851.34	34,031.20
540500	540508	16,614.32	23,260.14	39,874.46	0.001181%	427.13	597.98	0.000960%			0.000000%		16,614.32	23,260.14	39,874.46
540900	540908	125,785.98	176,099.72	301,885.70	0.008940%	7,987.60	11,182.47	0.017943%	3,233.84	3,233.84	0.005440%	1,293.53	125,785.98	176,099.72	301,885.70
541100	541100	5,147.82	7,206.89	12,354.71	0.000366%			0.000000%			0.000000%		5,147.82	7,206.89	12,354.71
541300	541308	35,300.29	49,420.00	84,720.29	0.002509%			0.000000%			0.000000%		35,300.29	49,420.00	84,720.29
541500	541508	48,318.28	67,645.49	115,963.77	0.003434%			0.000000%	1,411.63	1,411.65	0.002375%	564.70	48,318.28	67,645.49	115,963.77
541700	541708	19,008.25	26,611.28	45,619.53	0.001351%			0.000000%	2,641.04	2,641.01	0.004443%	1,056.34	19,008.25	26,611.28	45,619.53
541900	541908	104,760.95	146,664.88	251,425.83	0.007446%	5,146.55	7,205.12	0.011561%	1,557.84	1,557.84	0.002621%	623.05	104,760.95	146,664.88	251,425.83
542100	542108	42,626.65	59,676.97	102,303.62	0.003030%			0.000000%	1,213.93	1,213.91	0.002042%	485.57	42,626.65	59,676.97	102,303.62
543100	543100	16,921.91	23,690.61	40,612.52	0.001203%	7,998.04	11,197.32	0.017967%	623.50	623.53	0.001049%	249.37	16,921.91	23,690.61	40,612.52
543300	543308	12,967.26	18,154.11	31,121.37	0.000922%			0.000000%	270.00	270.00	0.000454%	108.00	12,967.26	18,154.11	31,121.37
543500	543508	68,053.56	95,274.46	163,328.02	0.004837%			0.000000%	14,587.97	14,587.91	0.024541%	5,835.30	68,053.56	95,274.46	163,328.02
543700	543700	10,753.27	15,054.60	25,807.87	0.000764%			0.000000%			0.000000%		10,753.27	15,054.60	25,807.87
543700	543708	48,384.38	67,737.84	116,122.22	0.003439%			0.000000%			0.000000%		48,384.38	67,737.84	116,122.22
543900	543900	46,862.61	65,607.39	112,470.00	0.003331%	1,412.74	1,977.83	0.003174%	1,618.05	1,618.06	0.002722%	647.21	46,862.61	65,607.39	112,470.00
544100	544100	20,332.63	28,465.54	48,798.17	0.001445%			0.000000%			0.000000%		20,332.63	28,465.54	48,798.17
544300	544300	59,956.39	83,938.51	143,894.90	0.004261%			0.000000%	2,535.19	2,535.18	0.004265%	1,014.08	59,956.39	83,938.51	143,894.90
545100	545100	691.02	967.48	1,658.50	0.000049%			0.000000%			0.000000%		691.02	967.48	1,658.50
545100	545108	112,638.82	157,693.83	270,332.65	0.008006%	2,289.35	3,205.12	0.005143%	9,826.67	9,826.53	0.016531%	3,930.76	112,638.82	157,693.83	270,332.65
545200	545208	33,035.14													

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)							
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions					
560500	560508	21,233.02	29,726.09	50,959.11	0.001509%			0.000000%												
560700	560708	53,680.25	75,152.32	128,832.57	0.003815%	1,885.45	2,639.69	0.004236%												
560900	560908	57,752.38	80,852.56	138,604.94	0.004105%			0.000000%												
561100	561108	261,122.97	365,572.41	626,695.38	0.018559%	5,772.14	8,081.01	0.012967%	13,379.16	13,379.17	0.022508%	5,351.66	280,274.27	392,384.25	672,658.52					
561700	561708	50,441.02	70,616.93	121,057.95	0.003585%			0.000000%	2,143.79	2,143.74	0.003606%	857.53	52,584.81	73,618.20	126,203.01					
562100	562100	19,798.31	27,717.79	47,516.10	0.001407%	7,999.10	11,198.68	0.017969%												
562500	562508	227,569.08	318,596.74	546,165.82	0.016174%	6,950.85	9,731.29	0.015615%	8,584.91	8,584.99	0.014442%	3,433.87	243,104.84	340,346.89	583,451.73					
562900	562908	511,604.53	716,246.10	1,227,850.63	0.036362%	57,262.49	80,167.48	0.128635%	33,747.40	33,747.52	0.056773%	13,499.12	602,614.42	843,660.22	1,446,274.64					
563100	563108	278,543.91	389,960.82	668,504.73	0.019797%	9,706.96	13,589.72	0.021806%	23,787.06	23,786.98	0.040016%	9,514.77	312,037.93	436,852.29	748,890.22					
564100	564108	459,347.04	643,087.09	1,102,434.13	0.032648%	11,310.10	15,834.11	0.025407%	42,405.00	42,404.96	0.071337%	16,962.20	513,062.14	718,288.36	1,231,350.50					
564500	564508	636,822.49	891,550.30	1,528,372.79	0.045261%	49,417.16	69,183.92	0.111011%	16,213.19	16,213.37	0.027275%	6,485.17	702,452.84	983,432.76	1,685,885.60					
565100	565100	3,636.90	5,091.66	8,728.56	0.000258%			0.000000%					3,636.90	5,091.66	8,728.56					
565500	565508	181,883.50	254,636.93	436,520.43	0.012927%	6,837.41	9,572.40	0.015360%	17,159.21	17,159.19	0.028867%	6,863.73	205,880.12	288,232.25	494,112.37					
570000	570008	25,686.95	35,961.73	61,648.68	0.001826%			0.000000%					25,686.95	35,961.73	61,648.68					
626900	626900				0.000000%	584.64	818.52	0.001313%	1,997.10	1,997.10	0.003360%	798.84	2,581.74	3,614.46	6,196.20					
627200	627208	208,468.48	291,855.89	500,324.37	0.014817%			0.000000%	4,968.08	4,968.13	0.008358%	1,987.20	213,436.56	298,811.22	512,247.78					
633000	633008	25,996.56	36,395.18	62,391.74	0.001848%	6,359.63	8,903.48	0.014286%					32,356.19	45,298.66	77,654.85					
633100	633100	49,351.42	69,091.50	118,442.92	0.003508%			0.000000%					49,351.42	69,091.50	118,442.92					
633200	633208	330.00	462.00	792.00	0.000023%			0.000000%					330.00	462.00	792.00					
633300	633308	721,834.18	1,010,566.48	1,732,400.66	0.051303%	45,919.63	64,287.44	0.103154%	30,573.50	30,573.33	0.051433%	12,229.43	798,327.31	1,117,656.68	1,915,983.99					
633400	633400	10,975.85	15,366.20	26,342.05	0.000780%			0.000000%					10,975.85	15,366.20	26,342.05					
633500	633500	10,988.31	15,383.59	26,371.90	0.000781%			0.000000%					10,988.31	15,383.59	26,371.90					
633600	633600	18,756.31	26,258.79	45,015.10	0.001333%	175.00	245.00	0.000393%	300.00	300.00	0.000505%	120.00	19,231.31	26,923.79	46,155.10					
633700	633708	4,752.49	6,653.48	11,405.97	0.000338%			0.000000%					4,752.49	6,653.48	11,405.97					
633800	633800	5,800.75	8,121.04	13,921.79	0.000412%			0.000000%					5,800.75	8,121.04	13,921.79					
633900	633900	19,038.90	26,654.39	45,693.29	0.001353%			0.000000%					19,038.90	26,654.39	45,693.29					
634000	634000	18,674.24	26,144.02	44,818.26	0.001327%	4,110.88	5,755.22	0.009235%	4,541.41	4,541.41	0.007640%	1,816.57	27,326.53	38,257.22	65,583.75					
634200	634200	2,033.50	2,846.90	4,880.40	0.000145%			0.000000%					2,033.50	2,846.90	4,880.40					
634300	634300	14,423.09	20,192.30	34,615.39	0.001025%			0.000000%					14,423.09	20,192.30	34,615.39					
634500	634508	439,497.40	615,295.30	1,054,792.70	0.031237%	12,387.56	17,342.50	0.027827%	24,405.02	24,404.95	0.041056%	9,762.03	476,289.98	666,804.78	1,143,094.76					
634600	634608	40,674.82	56,944.59	97,619.41	0.002891%	192.76	269.86	0.000433%	8,040.03	8,040.03	0.013526%	3,215.99	48,907.61	68,470.47	117,378.08					
634700	634700	1,669.00	2,336.60	4,005.60	0.000119%	36.50	51.10	0.000082%	921.30	921.30	0.001550%	368.52	2,626.80	3,677.52	6,304.32					
635000	635008	71,350.90	99,891.13	171,242.03	0.005071%			0.000000%					71,350.90	99,891.13	171,242.03					
635100	635108	18,392.91	25,750.21	44,143.12	0.001307%			0.000000%					18,392.91	25,750.21	44,143.12					
635300	635300	9,962.58	13,947.64	23,910.22	0.000708%			0.000000%					9,962.58	13,947.64	23,910.22					
635600	635600	740.04	1,035.96	1,776.00	0.000053%			0.000000%					740.04	1,035.96	1,776.00					
635700	635700	350.04	489.96	840.00	0.000025%			0.000000%					350.04	489.96	840.00					
635800	635800	1,340.00	1,876.00	3,216.00	0.000095%			0.000000%					1,340.00	1,876.00	3,216.00					
635900	635900	2,038.69	2,854.16	4,892.85	0.000145%			0.000000%					2,038.69	2,854.16	4,892.85					
636000	636000	200.00	280.00	480.00	0.000014%			0.000000%					200.00	280.00	480.00					
636100	636100	4,384.70	6,138.58	10,523.28	0.000312%			0.000000%					4,384.70	6,138.58	10,523.28					
636200	636200	4,314.30	6,040.02	10,354.32	0.000307%	1,500.00	2,100.00	0.003370%					5,814.30	8,140.02	13,954.32					
636400	636400	240.00	336.00	576.00	0.000017%			0.000000%					240.00	336.00	576.00					
636700	636700	33,748.57	47,247.74	80,996.31	0.002399%			0.000000%					33,748.57	47,247.74	80,996.31					
636800	636800	47,368.76	66,316.04	113,684.80	0.003367%			0.000000%					47,368.76	66,316.04	113,684.80					
636900	636900	738.00	1,033.20	1,771.20	0.000052%			0.000000%					738.00	1,033.20	1,771.20					
637000	637000	29,054.21	40,675.96	69,730.17	0.002065%			0.000000%					29,054.21	40,675.96	69,730.17					
637100	637100	8,965.40	12,551.54	21,516.94	0.000637%			0.000000%					8,965.40	12,551.54	21,516.94					
637200	637200	1,220.04	1,707.96	2,928.00	0.000087%			0.000000%	568.08	568.08	0.000956%	227.28	1,788.12	2,503.32	4,291.44					
637300	637300	50,163.64	70,228.97	120,392.61	0.003565%			0.000000%	6,073.43	6,073.39	0.010217%	2,429.36	56,237.07	78,731.72	134,968.79					
637400	637400	16,537.22	23,152.05	39,689.27	0.001175%			0.000000%					16,537.22	23,152.05	39,689.27					
637600	637600	10,199.40	14,279.17	24,478.57	0.000725%			0.000000%					10,199.40	14,279.17	24,478.57					
637900	637900	31,623.57	44,272.94	75,896.51	0.002248%			0.000000%					31,623.57	44,272.94	75,896.51					
638100	638108	8,892.31	12,449.19	21,341.50	0.000632%			0.000000%					8,892.31	12,449.19	21,341.50					
638200	638200	14,248.64	19,948.09	34,196.73	0.001013%			0.000000%					14,248.64	19,948.09	34,196.73					
638300	638308	6,528.30	9,139.70	15,668.00	0.000464%			0.000000%	3,526.56	3,526.56	0.005933%	1,410.63	10,054.86	14,076.89	24,131.75					
638400	638400	29,094.28	40,731.59	69,825.87	0.002068%			0.000000%	0.68	0.67	0.000001%	0.28	29,094.96	40,732.54	69,827.50					
638500	638500	28,716.73	40,203.47	68,920.20	0.002041%	5,161.20	7,225.68	0.011594%	12,562.60	12,562.57	0.021134%	5,025.06	46,440.53	65,016.78	111,457.31					
638800	638808	142,626.16	199,676.64	342,302.80	0.010137%	3,909.32	5,473.00	0.008782%	817.75	817.75	0.001376%	327.09	147,353.23	206,294.48	353,647.71					
638900	638900	180.00	252.00	432.00	0.000013%			0.000000%					180.00	252.00	432.00					
639100	639100	2,672.00	3,740.80	6,412.80	0.000190%			0.000000%					2,672.00	3,740.80	6,412.80					
639200	639200	35,650.65	49,910.29	85,																

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions	
639800	639808	15,603.60	21,844.95	37,448.55	0.001109%											
639900	639900	19,589.64	27,425.47	47,015.11	0.001392%											
661600	661600	1,373.04	1,922.16	3,295.20	0.000098%											
675900	675900	60,490.23	84,686.32	145,176.55	0.004299%											
675900	675908	14,000.06	19,599.98	33,600.04	0.000995%											
676000	676008	3,252.39	4,553.50	7,805.89	0.000231%											
676200	676200	1,008.78	1,412.29	2,421.07	0.000072%											
676330	676330	11,422.80	15,991.92	27,414.72	0.000812%											
676400	676400	720.00	1,008.00	1,728.00	0.000051%											
676600	676600	460.17	644.15	1,104.32	0.000033%											
676700	676708	20,956.23	29,338.72	50,294.95	0.001489%											
676800	676800	2,501.20	3,501.68	6,002.88	0.000178%											
676900	676900	13,123.54	18,372.94	31,496.48	0.000933%											
676900	676908	51,881.28	72,633.78	124,515.06	0.003687%											
677000	677008	123,212.30	172,497.17	295,709.47	0.008757%											
677010	677010	232.68	325.68	558.36	0.000017%											
677200	677200	23,641.13	33,097.28	56,738.41	0.001680%											
677400	677408	866,983.06	1,213,774.10	2,080,757.16	0.061620%											
677400	677508	3,971,381.04	5,559,921.74	9,531,302.78	0.282261%											
677700	677700	1,700.04	2,379.96	4,080.00	0.000121%											
677800	677808	335,448.12	469,622.47	805,070.59	0.023841%											
677900	677900	1,398.30	1,957.62	3,355.92	0.000099%											
678000	678008	850,187.17	1,190,261.15	2,040,448.32	0.060426%											
678000	678108	2,398,134.83	3,356,692.09	5,754,826.92	0.170424%											
678200	678200	2,183.74	3,057.06	5,240.80	0.000155%											
678300	678300	43,010.90	60,215.35	103,226.25	0.003057%											
678400	678400	620.03	867.97	1,488.00	0.000044%											
678500	678500	10,630.23	14,882.46	25,512.69	0.000756%											
678700	678700	2,539.20	3,554.88	6,094.08	0.000180%											
678900	678900	2,135.87	2,990.13	5,126.00	0.000152%											
679000	679000	19,587.59	27,422.64	47,010.23	0.001392%											
679100	679108	33,175.58	46,445.75	79,621.33	0.002358%											
679200	679200	6,752.66	9,453.54	16,206.20	0.000480%											
679300	679300	589.00	824.60	1,413.60	0.000042%											
679400	679408	136,308.67	190,832.06	327,140.73	0.009688%											
679500	679500	20,060.57	28,084.75	48,145.32	0.001426%											
679700	679708	127,100.30	177,939.87	305,040.17	0.009033%											
679800	679800	4,161.78	5,826.41	9,988.19	0.000296%											
679900	679900	29,045.05	40,663.07	69,708.12	0.002064%											
680100	680100	107,687.46	150,761.73	258,449.19	0.007654%											
680100	680108	203,145.59	284,403.87	487,549.46	0.014438%											
680100	989608	85,785.31	119,439.64	205,224.95	0.006078%											
680200	680200	58,668.75	82,136.09	140,804.84	0.004170%											
680300	680300	2,300.03	3,219.96	5,519.99	0.000163%											
680400	680400	9,721.31	13,609.83	23,331.14	0.000691%											
680600	680600	1,428.48	1,999.92	3,428.40	0.000102%											
680700	680708	28,028.21	39,239.38	67,267.59	0.001992%											
680800	680800	442.00	618.80	1,060.80	0.000031%											
680900	680900	2,022.50	2,831.50	4,854.00	0.000144%											
680910	680910	425.57	595.68	1,021.25	0.000030%											
680910	680918	32,597.90	45,637.06	78,234.96	0.002317%											
681200	681200	2,678.36	3,749.63	6,427.99	0.000190%											
681300	681300	1,094.40	1,532.16	2,626.56	0.000078%											
681400	681400	-	-	-	0.000000%											
681400	681408	1,185,446.14	1,659,614.89	2,845,061.03	0.084254%											
681400	980488	271,131.01	377,498.02	648,629.03	0.019209%											
681500	681500	1,302.86	1,824.02	3,126.88	0.000093%											
681500	681508	560,158.27	784,220.82	1,344,379.09	0.039813%											
681500	980298	161,778.97	225,246.18	387,025.15	0.011461%											
681600	681600	5,835.81	8,170.13	14,005.94	0.000415%											
681700	681700	1,847.75	2,586.71	4,434.46	0.000131%											
681800	681800	4,553.30	6,374.61	10,927.91	0.000324%											
681900	681900	14,984.18	20,977.65	35,961.83	0.001065%											
682000	682000	12,839.25	17,974.78	30,814.03	0.000913%											
682100	682100	8,102.18	11,343.23	19,445.41	0.000576%											

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions	
682300	682300	3,987.00	5,581.80	9,568.80	0.000283%											
682700	682708	13,804.97	19,327.54	33,132.51	0.000981%											
682800	682800	10,681.47	14,954.14	25,635.61	0.000759%											
682900	682900	20,609.03	28,852.59	49,461.62	0.001465%											
683000	683000	1,869.60	2,617.44	4,487.04	0.000133%											
683100	683100	-	-	-	0.000000%											
683100	683108	7,515.59	10,521.83	18,037.42	0.000534%	1,049.97	1,470.04	0.002359%								
683200	683200	2,940.00	4,116.00	7,056.00	0.000209%											
683300	683300	11,566.66	16,193.28	27,759.94	0.000822%											
683500	683500	10,481.12	14,673.67	25,154.79	0.000745%											
683600	683600	170.00	238.00	408.00	0.000012%											
683700	683700	6,115.62	8,561.83	14,677.45	0.000435%											
684100	684100	6,162.19	8,627.02	14,789.21	0.000438%											
684200	684200	127.56	178.44	306.00	0.000009%											
684300	684300	5,010.74	7,015.00	12,025.74	0.000356%											
684400	684400	2,612.59	3,657.61	6,270.20	0.000186%											
684500	684500	74,533.16	104,346.33	178,879.49	0.005297%	8,698.28	12,177.53	0.019540%								
684600	684600	1,231.00	1,723.40	2,954.40	0.000087%											
684700	684708	9,166.23	12,832.75	21,998.98	0.000651%	560.76	785.04	0.001260%								
684800	684800	14,403.79	20,165.31	34,569.10	0.001024%											
685000	685000	3,504.00	4,905.60	8,409.60	0.000249%											
685400	685400	9,487.80	13,282.92	22,770.72	0.000674%											
685500	685500	5,483.36	7,676.48	13,159.84	0.000390%	540.00	756.00	0.001213%								
685600	685608	8,831.86	12,364.35	21,196.21	0.000628%											
685700	685700	22,913.09	32,078.25	54,991.34	0.001629%											
685800	685800	2,001.24	2,801.65	4,802.89	0.000142%	260.04	363.99	0.000584%								
685900	685900	18,168.46	25,435.79	43,604.25	0.001291%											
686000	686008	3,906,727.34	5,469,420.36	9,376,147.70	0.277666%	207,659.91	290,723.82	0.466490%								
686400	686400	1,614,093.11	2,259,728.46	3,873,821.57	0.114720%	31,909.65	44,673.40	0.071682%								
686700	686708	1,868,681.02	2,616,148.65	4,484,829.67	0.132814%	67,333.54	94,266.58	0.151258%								
686800	686808	-	-	-	0.000000%											
686800	686820	262,015.07	366,821.17	628,836.24	0.018622%	11,322.53	15,851.55	0.025435%								
687000	687008	1,138,139.86	1,593,394.47	2,731,534.33	0.080892%	60,876.32	85,226.83	0.136753%								
687100	687108	639,744.85	895,641.94	1,535,386.79	0.045469%	12,622.84	17,672.04	0.028356%								
687100	880088	14,109.39	21,281.71	35,391.10	0.001048%											
687100	980088	128,065.81	178,307.19	306,373.00	0.009073%											
687400	687400	8,102.01	11,342.81	19,444.82	0.000576%											
687500	687508	268,373.63	375,723.25	644,096.88	0.019074%	26,219.36	36,707.10	0.058900%								
687600	687600	1,519.00	2,126.59	3,645.59	0.000108%											
687700	687700	830.00	1,162.00	1,992.00	0.000059%											
687800	687808	1,566,759.18	2,193,457.18	3,760,216.36	0.111355%	67,251.56	94,152.08	0.151075%								
687900	687900	1,365.15	1,911.21	3,276.36	0.000097%											
688000	688000	1,156.60	1,619.24	2,775.84	0.000082%											
688010	688018	488,660.87	684,121.81	1,172,782.68	0.034731%	122.65	171.73	0.000276%								
688100	688100	2,400.00	3,360.00	5,760.00	0.000171%											
688400	688400	23,963.14	33,548.38	57,511.52	0.001703%	5,695.04	7,973.04	0.012793%								
688500	688500	5,109.63	7,153.47	12,263.10	0.000363%											
688600	688600	197.16	276.01	473.17	0.000014%											
688700	688700	55.25	77.35	132.60	0.000004%											
688800	688800	31,291.63	43,808.16	75,099.79	0.002224%	1,446.52	2,025.13	0.003249%								
688800	688808	254,942.26	356,919.04	611,861.30	0.018120%	8,197.10	11,475.94	0.018414%								
688900	688908	109,868.00	153,815.02	263,683.02	0.007809%											
689100	689108	267,694.90	374,772.49	642,467.39	0.019026%	7,048.55	9,867.83	0.015834%								
689200	689208	30,744.70	43,042.51	73,787.21	0.002185%											
689500	689508	1,187,340.02	1,662,274.01	2,849,614.03	0.084389%	59,520.79	83,328.99	0.133708%								
689700	689700	1,018.44	1,425.84	2,444.28	0.000072%											
689800	689800	267,379.06	374,330.72	641,709.78	0.019004%											
689900	689908	118,491.05	165,887.49	284,378.54	0.008422%	37,375.86	52,326.18	0.083962%								
690000	690000	17,223.85	24,112.86	41,336.71	0.001224%	521.67	730.31	0.001172%								
690020	690020	51,865.89	72,612.14	124,478.03	0.003686%											
690030	690030	14,725.14	20,615.27	35,340.41	0.001047%											
690040	690048	58,001.72	81,202.29	139,204.01	0.004122%											
690060	690060	2,526.63	3,537.26	6,063.89	0.000180%											
690070	690078	116,190.40	162,666.36	278,856.76	0.008258%											
690080	690080	23,182.90	32,455.93	55,638.83	0.001648%											

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
690090	690090	2,850.88	3,991.23	6,842.11	0.000203%			0.000000%			0.000000%		2,850.88	3,991.23	6,842.11
690400	690408	5,036,429.12	7,051,151.25	12,087,580.37	0.357962%	150,014.52	210,020.40	0.336995%	616,048.61	616,047.69	1.036366%	246,256.24	5,802,492.25	8,123,475.58	13,925,967.83
690500	690508	1,299,679.53	1,819,551.10	3,119,230.63	0.092373%	86,469.01	121,056.85	0.194245%	147,061.09	147,060.84	0.247398%	58,824.43	1,533,209.63	2,146,493.22	3,679,702.85
690700	690708	870,025.57	1,218,036.13	2,088,061.70	0.061836%	66,655.31	93,317.47	0.149735%	146,186.32	146,186.34	0.245927%	58,474.49	1,082,867.20	1,516,014.43	2,598,881.63
690800	690808	57,511.14	80,515.68	138,026.82	0.004088%			0.034801%			0.000000%		73,003.04	102,204.38	175,207.42
690900	690908	28,671.58	40,140.28	68,811.86	0.002038%			0.000000%			0.000000%		28,671.58	40,140.28	68,811.86
690910	690918	153,395.21	214,753.70	368,148.91	0.010902%	4,835.40	6,769.57	0.010862%	11,144.32	11,144.19	0.018748%	4,457.75	169,374.93	237,125.21	406,500.14
691010	691010	3,342.03	4,678.76	8,020.79	0.000238%			0.000000%			0.000000%		3,342.03	4,678.76	8,020.79
691100	691100	35,832.98	50,166.19	85,999.17	0.002547%			0.000000%			0.000000%		35,832.98	50,166.19	85,999.17
691110	691110	1,098.82	1,538.34	2,637.16	0.000078%			0.000000%			0.000000%		1,098.82	1,538.34	2,637.16
691130	691130	2,650.98	3,711.40	6,362.38	0.000188%			0.000000%			0.000000%		2,650.98	3,711.40	6,362.38
691140	691148	21,956.80	30,739.31	52,696.11	0.001561%			0.000000%			0.000000%		21,956.80	30,739.31	52,696.11
691150	691150	17,876.02	25,026.44	42,902.44	0.001271%	97.50	136.50	0.000219%	45.60	45.60	0.000077%	18.24	18,019.12	25,226.76	43,245.88
691160	691160	1,912.55	2,677.58	4,590.13	0.000136%			0.000000%	894.23	894.23	0.001504%	357.69	2,806.78	3,929.50	6,736.28
691180	691180	14,214.99	19,900.94	34,115.93	0.001010%	2.00	2.80	0.000004%	70.68	70.67	0.000119%	28.26	14,287.67	20,002.67	34,290.34
691180	691188	57,497.28	80,496.18	137,993.46	0.004087%			0.000000%			0.000000%		57,497.28	80,496.18	137,993.46
691190	691198	31,894.30	44,652.17	76,546.47	0.002267%			0.000000%	3,704.11	3,704.11	0.006231%	1,481.65	35,598.41	49,837.93	85,436.34
691200	691200	21,354.68	29,896.51	51,251.19	0.001518%			0.000000%			0.000000%		21,354.68	29,896.51	51,251.19
691220	691220	528.00	739.20	1,267.20	0.000038%			0.000000%			0.000000%		528.00	739.20	1,267.20
691230	691230	15,846.19	22,184.57	38,030.76	0.001126%			0.000000%			0.000000%		15,846.19	22,184.57	38,030.76
691240	691240	39,662.33	55,527.09	95,189.42	0.002819%			0.000000%			0.000000%		39,662.33	55,527.09	95,189.42
691250	691258	2,239.25	3,134.83	5,374.08	0.000159%			0.000000%			0.000000%		2,239.25	3,134.83	5,374.08
691260	691260	37,632.74	52,685.39	90,318.13	0.002675%	105.00	147.00	0.000236%	1,226.36	1,226.35	0.002063%	490.55	38,964.10	54,549.29	93,513.39
691270	691270	540.00	756.00	1,296.00	0.000038%			0.000000%			0.000000%		540.00	756.00	1,296.00
691280	691280	966.00	1,352.40	2,318.40	0.000069%			0.000000%			0.000000%		966.00	1,352.40	2,318.40
691290	691290	255.00	357.00	612.00	0.000018%			0.000000%			0.000000%		255.00	357.00	612.00
691300	691300	9,349.20	13,088.84	22,438.04	0.000664%			0.000000%			0.000000%		9,349.20	13,088.84	22,438.04
691320	691320	6,362.93	8,908.11	15,271.04	0.000452%	1,838.44	2,573.79	0.004130%			0.000000%		8,201.37	11,481.90	19,683.27
691340	691340	1,129.10	1,580.74	2,709.84	0.000080%			0.000000%			0.000000%		1,129.10	1,580.74	2,709.84
691350	691350	10,894.74	15,252.59	26,147.33	0.000774%			0.000000%			0.000000%		10,894.74	15,252.59	26,147.33
691360	691360	6,013.06	8,418.17	14,431.23	0.000427%			0.000000%	4,481.07	4,481.06	0.007538%	1,792.41	10,494.13	14,691.64	25,185.77
691370	691370	564.26	789.99	1,354.25	0.000040%			0.000000%			0.000000%		564.26	789.99	1,354.25
691390	691390	3,701.60	5,181.98	8,883.58	0.000263%			0.000000%			0.000000%		3,701.60	5,181.98	8,883.58
691400	691400	43,895.23	61,452.98	105,348.21	0.003120%			0.000000%	8,082.99	8,082.93	0.013598%	3,233.24	51,978.22	72,769.15	124,747.37
691410	691410	18,663.37	26,128.75	44,792.12	0.001326%			0.000000%			0.000000%		18,663.37	26,128.75	44,792.12
691420	691420	480.00	672.00	1,152.00	0.000034%			0.000000%			0.000000%		480.00	672.00	1,152.00
691430	691430	500.04	699.96	1,200.00	0.000036%			0.000000%			0.000000%		500.04	699.96	1,200.00
691440	691440	1,719.91	2,407.69	4,127.60	0.000122%			0.000000%			0.000000%		1,719.91	2,407.69	4,127.60
691460	691468	8,343.99	11,681.58	20,025.57	0.000593%			0.000000%			0.000000%		8,343.99	11,681.58	20,025.57
691470	691478	61,551.40	86,171.88	147,723.28	0.004375%	6,762.99	9,468.20	0.015192%	8,398.96	8,398.96	0.014129%	3,359.60	76,713.35	107,398.64	184,111.99
691480	691480	426.00	596.40	1,022.40	0.000030%	72.00	100.80	0.000162%	72.00	72.00	0.000121%	28.80	570.00	798.00	1,368.00
691490	691498	1,638.00	2,293.20	3,931.20	0.000116%			0.000000%			0.000000%		1,638.00	2,293.20	3,931.20
691500	691500	98,473.42	137,862.87	236,336.29	0.006999%	6,263.14	8,768.38	0.014070%			0.000000%		104,736.56	146,631.25	251,367.81
691520	691520	4,175.36	5,845.42	10,020.78	0.000297%			0.000000%			0.000000%		4,175.36	5,845.42	10,020.78
691530	691530	5,127.04	7,177.85	12,304.89	0.000364%	3,962.54	5,547.55	0.008901%	243.58	243.68	0.000410%	97.34	9,333.16	13,066.42	22,399.58
691550	691550	34,378.43	48,129.72	82,508.15	0.002443%			0.000000%			0.000000%		34,378.43	48,129.72	82,508.15
691580	691580	14,107.75	19,750.81	33,858.56	0.001003%			0.000000%			0.000000%		14,107.75	19,750.81	33,858.56
691580	691588	118,401.42	165,762.04	284,163.46	0.008415%			0.000000%	12,712.56	12,712.51	0.021386%	5,085.04	131,113.98	183,559.59	314,673.57
691590	691590	1,272.00	1,780.80	3,052.80	0.000090%			0.000000%			0.000000%		1,272.00	1,780.80	3,052.80
691610	691610	141.00	197.40	338.40	0.000010%			0.000000%			0.000000%		141.00	197.40	338.40
691630	691630	72.00	100.80	172.80	0.000005%			0.000000%	426.66	426.66	0.000718%	170.68	498.66	698.14	1,196.80
691640	691648	47,424.53	66,394.17	113,818.70	0.003371%			0.000000%	2,454.57	2,454.57	0.004129%	981.74	49,879.10	69,830.48	119,709.58
691650	691650	252.00	352.80	604.80	0.000018%			0.000000%			0.000000%		252.00	352.80	604.80
691660	691660	1,120.56	1,568.88	2,689.44	0.000080%			0.000000%			0.000000%		1,120.56	1,568.88	2,689.44
691680	691680	756.00	1,058.40	1,814.40	0.000054%			0.000000%			0.000000%		756.00	1,058.40	1,814.40
691690	691690	630.00	882.00	1,512.00	0.000045%			0.000000%			0.000000%		630.00	882.00	1,512.00
691720	691720	539.03	754.56	1,293.59	0.000038%			0.000000%			0.000000%		539.03	754.56	1,293.59
691730	691738	765,971.27	1,072,355.29	1,838,326.56	0.054440%	35,301.02	49,421.26	0.079300%	31,044.00	31,043.69	0.052224%	12,417.61	832,316.29	1,165,237.85	1,997,554.14
691730	980128	75,688.49	105,381.62	181,070.11	0.005362%			0.000000%			0.000000%		75,688.49	105,381.62	181,070.11
691740	691740	3,587.50	5,022.50	8,610.00	0.000255%			0.000000%			0.000000%		3,587.50	5,022.50	8,610.00
691740	691748	89,808.20	125,731.25	215,539.45	0.006383%	8,317.43	11,644.42	0.018684%	19,642.34	19,642.32	0.033044%	7,856.96	117,767.97	164,874.95	282,642.92
691750	691758	83,991.95	117,896.91	201,888.86	0.005979%			0.000000%			0.000000%	(308.33)	83,991.95	117,896.91	201,888.86
691760	691760	41,790.45	58,506.51	100,296.96	0.002970%			0.000000%			0.000000%		41,790.45	58,506.51	100,296.96
691770	691770	1,269.96	1,777.85	3,047.81	0.000090%			0.000000%			0.000000%		1,269.96	1,777.85	3,047.81
691790	691790	4,162.53	5,827.52	9,990.05	0.000296%			0.000000%	300.00	300.00	0.000505%	120.00	4,462.53	6,247.52	10,710.05

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
691810	691810	550.08	769.94	1,320.02	0.000039%			0.000000%							
691820	691820	90,947.98	114,518.46	205,466.44	0.006085%	2,840.26	3,659.00	0.005871%				13,125.43	550.08	769.94	1,320.02
691820	691828	(55,495.84)	(64,885.68)	(120,381.52)	-0.003565%	(1,923.87)	(2,376.07)	-0.003813%				(13,125.43)	93,788.24	131,302.89	225,091.13
691830	691830	7,666.07	10,732.51	18,398.58	0.000545%			0.000000%					(57,419.71)	(80,387.18)	(137,806.89)
691840	691840	792.00	1,108.80	1,900.80	0.000056%			0.000000%					7,666.07	10,732.51	18,398.58
691870	691878	-	-	-	0.000000%			0.000000%					792.00	1,108.80	1,900.80
691890	691890	2,771.24	3,879.68	6,650.92	0.000197%			0.000000%					2,771.24	3,879.68	6,650.92
691900	691900	15,954.70	22,336.56	38,291.26	0.001134%			0.000000%					15,954.70	22,336.56	38,291.26
691910	691910	461.26	645.76	1,107.02	0.000033%			0.000000%					461.26	645.76	1,107.02
691930	691930	1,940.56	2,716.72	4,657.28	0.000138%			0.000000%					1,940.56	2,716.72	4,657.28
691940	691948	4,055,902.69	5,678,249.78	9,734,152.47	0.288268%	169,251.51	236,951.45	0.380208%	213,784.69	213,783.61	0.359644%	85,513.31	4,438,938.89	6,214,498.15	10,653,437.04
691940	980378	857,311.92	1,193,642.49	2,050,954.41	0.060737%			0.000000%					857,311.92	1,193,642.49	2,050,954.41
691950	691958	730,956.54	1,023,320.51	1,754,277.05	0.051951%	19,753.07	27,654.31	0.044374%	26,853.43	26,853.39	0.045175%	10,756.65	777,563.04	1,088,584.86	1,866,147.90
691960	691960	119,461.39	167,246.03	286,707.42	0.008491%			0.000000%					119,461.39	167,246.03	286,707.42
691970	691970	13,803.68	19,324.86	33,128.54	0.000981%			0.000000%					13,803.68	19,324.86	33,128.54
691980	691980	1,531.40	2,144.03	3,675.43	0.000109%			0.000000%					1,531.40	2,144.03	3,675.43
691990	691990	197.40	276.36	473.76	0.000014%			0.000000%					197.40	276.36	473.76
692000	692000	13,058.02	18,281.21	31,339.23	0.000928%	2,811.59	3,936.22	0.006316%					13,058.02	18,281.21	31,339.23
692010	692010	1,918.16	2,685.43	4,603.59	0.000136%			0.000000%					1,918.16	2,685.43	4,603.59
692020	692028	29,874.60	41,824.49	71,699.09	0.002123%			0.000000%	6,341.60	6,341.57	0.010668%	2,536.64	36,216.20	50,702.70	86,918.90
692040	692040	6,968.69	9,755.40	16,724.09	0.000495%			0.000000%					6,968.69	9,755.40	16,724.09
692050	692050	2,207.20	3,090.08	5,297.28	0.000157%			0.000000%					2,207.20	3,090.08	5,297.28
692060	692068	70,916.51	99,283.14	170,199.65	0.005040%			0.000000%					70,916.51	99,283.14	170,199.65
692090	692090	14,387.02	20,141.77	34,528.79	0.001023%			0.000000%					14,387.02	20,141.77	34,528.79
692110	692118	776,902.19	1,087,663.10	1,864,565.29	0.055217%	27,215.74	38,102.07	0.061138%	45,566.34	45,566.12	0.076655%	18,226.45	849,684.27	1,189,557.74	2,039,242.01
692110	980528	245,258.42	341,474.16	586,732.58	0.017376%			0.000000%					245,258.42	341,474.16	586,732.58
692130	692130	220.00	308.00	528.00	0.000016%			0.000000%					220.00	308.00	528.00
692140	692148	93,318.28	130,645.51	223,963.79	0.006632%			0.000000%	2,059.30	2,059.30	0.003464%	823.72	95,377.58	133,528.53	228,906.11
692160	692160	15,867.70	22,214.76	38,082.46	0.001128%	1,711.20	2,395.68	0.003844%					15,867.70	22,214.76	38,082.46
692170	692170	2,991.50	4,188.10	7,179.60	0.000213%	8.00	11.20	0.000018%					2,991.50	4,188.10	7,179.60
692190	692198	2,260,989.13	3,165,383.41	5,426,372.54	0.160697%	115,840.10	162,176.00	0.260224%	178,297.18	178,297.21	0.299946%	71,318.81	2,555,126.41	3,577,175.43	6,132,301.84
692190	981198	151,196.61	210,512.06	361,708.67	0.010712%			0.000000%					151,196.61	210,512.06	361,708.67
692200	692208	30,924.96	43,294.88	74,219.84	0.002198%			0.000000%					30,924.96	43,294.88	74,219.84
692210	692210	-	-	-	0.000000%			0.000000%					-	-	-
692220	692220	41,808.90	58,532.44	100,341.34	0.002972%			0.000000%					41,808.90	58,532.44	100,341.34
692230	692230	6,894.04	9,651.56	16,545.60	0.000490%	90.00	126.00	0.000202%					6,894.04	9,651.56	16,545.60
692240	692240	4,171.12	5,839.44	10,010.56	0.000296%			0.000000%					4,171.12	5,839.44	10,010.56
692250	692250	(21,979.65)	(26,567.39)	(48,547.04)	-0.001438%			0.000000%				(4,204.11)	(21,979.65)	(30,771.50)	(52,751.15)
692250	692258	692,141.94	964,547.33	1,656,689.27	0.049061%	17,526.40	24,536.95	0.039372%	67,024.88	67,024.92	0.112755%	31,260.43	776,693.22	1,087,369.63	1,864,062.85
692260	692260	25,210.04	35,293.92	60,503.96	0.001792%			0.000000%					25,210.04	35,293.92	60,503.96
692270	692270	-	-	-	0.000000%			0.000000%	1,700.14	1,700.02	0.002860%	680.02	1,700.14	2,380.04	4,080.18
692280	692280	4,545.23	6,363.31	10,908.54	0.000323%			0.000000%					4,545.23	6,363.31	10,908.54
692290	692290	3,222.41	4,511.34	7,733.75	0.000229%			0.000000%					3,222.41	4,511.34	7,733.75
692310	692310	15,682.76	21,955.68	37,638.44	0.001115%			0.000000%					15,682.76	21,955.68	37,638.44
692330	692330	4,727.42	6,618.36	11,345.78	0.000336%			0.000000%					4,727.42	6,618.36	11,345.78
692330	692338	-	-	-	0.000000%			0.000000%					-	-	-
692340	692340	522.00	730.80	1,252.80	0.000037%			0.000000%					522.00	730.80	1,252.80
692360	692360	247.50	346.50	594.00	0.000018%			0.000000%					247.50	346.50	594.00
692370	692370	8,099.84	11,339.57	19,439.41	0.000576%			0.000000%	165.83	165.82	0.000279%	66.34	8,265.67	11,571.73	19,837.40
692380	692380	30,418.97	42,586.75	73,005.72	0.002162%			0.000000%					30,418.97	42,586.75	73,005.72
692410	692410	480.00	672.00	1,152.00	0.000034%			0.000000%					480.00	672.00	1,152.00
692420	692428	5,035.68	7,049.92	12,085.60	0.000358%			0.000000%					5,035.68	7,049.92	12,085.60
692430	692430	5,098.01	7,137.29	12,235.30	0.000362%	3,572.80	5,001.92	0.008026%					5,098.01	7,137.29	12,235.30
692440	692440	391.25	547.75	939.00	0.000028%			0.000000%					391.25	547.75	939.00
692470	692470	-	-	-	0.000000%			0.000000%					-	-	-
692480	692480	34,788.01	48,703.02	83,491.03	0.002473%	660.14	924.04	0.001483%					34,788.01	48,703.02	83,491.03
692500	692500	28,646.80	40,105.45	68,752.25	0.002036%			0.000000%	402.00	402.00	0.000676%	160.80	29,048.80	40,668.25	69,717.05
692510	692510	27,386.43	38,340.95	65,727.38	0.001946%	4,905.39	6,867.52	0.011019%					27,386.43	38,340.95	65,727.38
692520	692528	457,902.15	641,059.38	1,098,961.53	0.032545%	13,709.83	19,193.71	0.030798%	21,176.39	21,176.27	0.035624%	8,470.51	492,788.37	689,899.87	1,182,688.24
692530	692538	1,442.26	2,019.25	3,461.51	0.000103%			0.000000%					1,442.26	2,019.25	3,461.51
692540	692540	240.00	336.00	576.00	0.000017%			0.000000%					240.00	336.00	576.00
692550	692550	720.00	1,008.00	1,728.00	0.000051%			0.000000%					720.00	1,008.00	1,728.00
692560	692568	53,963.00	75,548.20	129,511.20	0.003835%			0.000000%					53,963.00	75,548.20	129,511.20
692570	692578	10,647.83	14,907.09	25,554.92	0.000757%			0.000000%					10,647.83	14,907.09	25,554.92
692580	692580	815.40	1,141.56	1,956.96	0.000058%			0.000000%					815.40	1,141.56	1,956.96

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
692590	692598	53,305.18	74,627.39	127,932.57	0.003789%	1,903.44	2,664.81	0.004276%	9,904.01	9,904.03	0.016661%	3,961.62	65,112.63	91,157.85	156,270.48
692600	692600	81,873.82	114,623.30	196,497.12	0.005819%			0.000000%			0.000000%		81,873.82	114,623.30	196,497.12
692610	692610	14,889.23	20,844.90	35,734.13	0.001058%	102.00	142.80	0.000229%	351.88	351.90	0.000592%	140.73	15,343.11	21,480.33	36,823.44
692620	692628	7,675.26	10,745.36	18,420.62	0.000546%			0.000000%			0.000000%		7,675.26	10,745.36	18,420.62
692630	692630	375.00	525.00	900.00	0.000027%			0.000000%			0.000000%		375.00	525.00	900.00
692640	692640	711,114.81	995,559.53	1,706,674.34	0.050542%	18,685.88	26,160.25	0.041976%	85,167.80	85,167.76	0.143276%	34,067.07	814,968.49	1,140,954.61	1,955,923.10
692650	692658	87,525.91	122,536.09	210,062.00	0.006221%			0.000000%			0.000000%		87,525.91	122,536.09	210,062.00
692660	692668	36,827.96	51,559.04	88,387.00	0.002617%			0.000000%			0.000000%		36,827.96	51,559.04	88,387.00
692670	692678	137,125.69	191,975.99	329,101.68	0.009746%	9,190.83	12,867.16	0.020646%	6,068.96	6,068.97	0.010210%	2,427.57	152,385.48	213,339.69	365,725.17
692680	692680	0.02	0.02	0.02	0.000000%			0.000000%			0.000000%	0.02	0.02	0.04	0.04
692680	692688	209,589.12	293,423.37	503,012.49	0.014896%			0.000000%			0.000000%		209,589.12	293,423.37	503,012.49
692690	692690	22,643.61	31,700.81	54,344.42	0.001609%			0.000000%			0.000000%		22,643.61	31,700.81	54,344.42
692700	692708	4,700.00	6,580.00	11,280.00	0.000334%			0.000000%			0.000000%		4,700.00	6,580.00	11,280.00
692710	692710	2,922.87	4,092.02	7,014.89	0.000208%			0.000000%			0.000000%		2,922.87	4,092.02	7,014.89
692730	692730	3,401.20	4,761.68	8,162.88	0.000242%			0.000000%			0.000000%		3,401.20	4,761.68	8,162.88
692740	692748	375,525.02	525,732.96	901,257.98	0.026690%	6,984.52	9,778.36	0.015690%	1,146.13	1,146.10	0.001928%	458.47	4,547.33	6,366.25	10,913.58
692740	980728	87,223.06	121,442.49	208,665.55	0.006179%			0.000000%	2,532.86	2,532.79	0.004261%	1,013.13	385,042.40	539,057.24	924,099.64
692750	692750	120.00	168.00	288.00	0.000009%			0.000000%			0.000000%		120.00	168.00	288.00
692760	692760	1,485.00	2,079.00	3,564.00	0.000106%			0.000000%			0.000000%		1,485.00	2,079.00	3,564.00
692770	692778	78,274.78	109,583.34	187,858.12	0.005563%			0.000000%	5,740.30	5,740.31	0.009657%	2,296.11	84,015.08	117,619.76	201,634.84
692780	692780	221.40	309.95	531.35	0.000016%			0.000000%			0.000000%		221.40	309.95	531.35
692790	692790	240.00	336.00	576.00	0.000017%			0.000000%			0.000000%		240.00	336.00	576.00
692800	692808	170,770.06	239,078.06	409,848.12	0.012137%			0.000000%			0.000000%		170,770.06	239,078.06	409,848.12
692810	692810	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00
692820	692828	6,879.26	9,630.93	16,510.19	0.000489%			0.000000%			0.000000%		6,879.26	9,630.93	16,510.19
692830	692838	22,852.01	31,992.79	54,844.80	0.001624%	600.13	840.18	0.001348%			0.000000%		23,452.14	32,832.97	56,285.11
692840	692840	1,309.48	1,833.23	3,142.71	0.000093%	403.86	565.38	0.000907%			0.000000%		1,713.34	2,398.61	4,111.95
692850	692850	840.45	1,176.63	2,017.08	0.000060%			0.000000%			0.000000%		840.45	1,176.63	2,017.08
692860	692860	384.05	537.67	921.72	0.000027%			0.000000%			0.000000%		384.05	537.67	921.72
692870	692870	50,878.67	71,230.10	122,108.77	0.003616%			0.000000%			0.000000%		50,878.67	71,230.10	122,108.77
692880	692880	22,632.88	31,685.80	54,318.68	0.001609%			0.000000%	5,535.87	5,535.85	0.009313%	2,214.30	28,168.75	39,435.95	67,604.70
692890	692890	38,068.28	53,295.66	91,363.94	0.002706%			0.000000%			0.000000%		38,068.28	53,295.66	91,363.94
692910	692910	91,015.26	127,421.18	218,436.44	0.006469%			0.000000%	1,020.92	1,020.92	0.001717%	408.37	92,036.18	128,850.47	220,886.65
692910	692918	7,725.00	10,814.98	18,539.98	0.000549%			0.000000%			0.000000%		7,725.00	10,814.98	18,539.98
692920	692920	6,062.31	8,487.21	14,549.52	0.000431%			0.000000%	2,662.82	2,662.82	0.004480%	1,065.12	8,725.13	12,215.15	20,940.28
692930	692930	500.04	699.96	1,200.00	0.000036%			0.000000%			0.000000%		500.04	699.96	1,200.00
692940	692940	1,232.00	1,724.80	2,956.80	0.000088%			0.000000%			0.000000%		1,232.00	1,724.80	2,956.80
692960	692960	3,589.66	5,025.52	8,615.18	0.000255%			0.000000%			0.000000%		3,589.66	5,025.52	8,615.18
692970	692970	2,826.06	3,956.58	6,782.64	0.000201%			0.000000%			0.000000%		2,826.06	3,956.58	6,782.64
692980	692980	8,247.48	11,546.39	19,793.87	0.000586%			0.000000%			0.000000%		8,247.48	11,546.39	19,793.87
692990	692990	5,188.80	7,264.32	12,453.12	0.000369%			0.000000%			0.000000%		5,188.80	7,264.32	12,453.12
693010	693018	76,171.85	106,640.90	182,812.75	0.005414%			0.000000%	4,127.22	4,127.20	0.006943%	1,650.88	80,299.07	112,418.98	192,718.05
693020	693020	1,988.38	2,783.69	4,772.07	0.000141%			0.000000%			0.000000%		1,988.38	2,783.69	4,772.07
693030	693030	39.96	56.04	96.00	0.000003%			0.000000%			0.000000%		39.96	56.04	96.00
693040	693048	165,840.89	232,177.56	398,018.45	0.011787%			0.000000%	119,125.52	119,125.83	0.200403%	47,650.05	284,966.41	398,953.44	683,919.85
693050	693050	-	-	-	0.000000%			0.000000%	1,821.91	1,821.89	0.003065%	728.77	1,821.91	2,550.66	4,372.57
693060	693060	800.04	1,119.96	1,920.00	0.000057%			0.000000%			0.000000%		800.04	1,119.96	1,920.00
693070	693070	240.00	336.00	576.00	0.000017%			0.000000%			0.000000%		240.00	336.00	576.00
693080	693080	62,848.88	87,946.27	150,795.15	0.004466%			0.000000%	6,088.47	6,088.49	0.010243%	2,476.98	68,937.35	96,511.74	165,449.09
693090	693090	5,675.36	7,945.51	13,620.87	0.000403%			0.000000%			0.000000%		5,675.36	7,945.51	13,620.87
693100	693108	73,264.67	102,570.52	175,835.19	0.005207%	5,874.07	8,223.71	0.013196%			0.000000%		79,138.74	110,794.23	189,932.97
693110	693110	392.50	549.50	942.00	0.000028%			0.000000%			0.000000%		392.50	549.50	942.00
693120	693128	43,718.53	61,206.01	104,924.54	0.003107%			0.000000%	10,041.51	10,041.40	0.016892%	4,016.61	53,760.04	75,264.02	129,024.06
693130	693130	21,516.53	30,123.04	51,639.57	0.001529%	13,334.68	18,668.65	0.029955%			0.000000%		34,851.21	48,791.69	83,642.90
693140	693140	10,700.00	14,979.93	25,679.93	0.000760%			0.000000%	33.00	33.00	0.000056%	13.20	10,733.00	15,026.13	25,759.13
693150	693150	837.50	1,172.50	2,010.00	0.000060%			0.000000%	267.50	267.57	0.000450%	106.93	1,105.00	1,547.00	2,652.00
693160	693160	5,451.78	7,632.54	13,084.32	0.000387%			0.000000%			0.000000%		5,451.78	7,632.54	13,084.32
693170	693170	780.00	1,092.00	1,872.00	0.000055%			0.000000%			0.000000%		780.00	1,092.00	1,872.00
693200	693200	6,436.62	9,011.23	15,447.85	0.000457%			0.000000%			0.000000%		6,436.62	9,011.23	15,447.85
693230	693230	47,724.48	66,814.26	114,538.74	0.003392%			0.000000%	12,149.90	12,149.92	0.020440%	4,860.02	59,874.38	83,824.20	143,698.58
693250	693250	120,942.78	169,319.63	290,262.41	0.008596%			0.000000%	60,167.84	60,167.86	0.101219%	24,067.10	181,110.62	253,554.59	434,665.21
693260	693260	1,871.76	2,620.44	4,492.20	0.000133%			0.000000%			0.000000%		1,871.76	2,620.4	

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
693320	693320	1,200.00	1,680.00	2,880.00	0.000085%			0.000000%			0.000000%		1,200.00	1,680.00	2,880.00
693330	693330	1,083.31	1,516.72	2,600.03	0.000077%			0.000000%			0.000000%		1,083.31	1,516.72	2,600.03
693340	693340	400.00	560.00	960.00	0.000028%			0.000000%			0.000000%		400.00	560.00	960.00
693350	693350	1,546.78	2,165.46	3,712.24	0.000110%			0.000000%			0.000000%		1,546.78	2,165.46	3,712.24
693370	693378	66,404.87	92,967.10	159,371.97	0.004720%			0.000000%			0.000000%		66,404.87	92,967.10	159,371.97
693370	981048	6,697.60	9,325.42	16,023.02	0.000475%			0.000000%			0.000000%		6,697.60	9,325.42	16,023.02
693380	693388	281,543.42	394,160.27	675,703.69	0.020010%	6,784.19	9,497.82	0.015240%	19,762.46	19,762.45	0.033246%	7,904.98	308,090.07	431,325.52	739,415.59
693390	693390	1,080.00	1,512.00	2,592.00	0.000077%			0.000000%			0.000000%		1,080.00	1,512.00	2,592.00
693400	693408	97,652.95	136,714.23	234,367.18	0.006941%	5,520.32	7,728.47	0.012401%	27,437.28	27,437.28	0.046157%	10,974.99	130,610.55	182,854.97	313,465.52
693410	693418	36,624.69	51,274.46	87,899.15	0.002603%	6,999.98	9,800.02	0.015725%			0.000000%		43,624.67	61,074.48	104,699.15
693420	693420	4,071.47	5,700.15	9,771.62	0.000289%			0.000000%			0.000000%		4,071.47	5,700.15	9,771.62
693430	693430	546.56	765.25	1,311.81	0.000039%			0.000000%			0.001009%	240.00	1,146.56	1,605.25	2,751.81
693450	693450	156.00	218.40	374.40	0.000011%			0.000000%	600.00	600.00	0.000000%		156.00	218.40	374.40
693470	693470	59,572.80	83,402.38	142,975.18	0.004234%			0.000000%			0.000000%		59,572.80	83,402.38	142,975.18
693480	693480	3,225.50	4,515.65	7,741.15	0.000229%			0.000000%			0.000000%		3,225.50	4,515.65	7,741.15
693490	693490	1,950.00	2,730.00	4,680.00	0.000139%			0.000000%			0.000000%		1,950.00	2,730.00	4,680.00
693500	693500	13,625.67	19,075.85	32,701.52	0.000968%			0.000000%	2,171.60	2,171.60	0.003653%	868.67	15,797.27	22,116.12	37,913.39
693500	980980	14,947.97	20,812.11	35,760.08	0.001059%			0.000000%			0.000000%		14,947.97	20,812.11	35,760.08
693520	693520	6,877.45	9,628.41	16,505.86	0.000489%			0.000000%			0.000000%		6,877.45	9,628.41	16,505.86
693530	693530	10.00	14.00	24.00	0.000001%			0.000000%			0.000000%		10.00	14.00	24.00
693530	693538	124,450.17	174,230.25	298,680.42	0.008845%	5,194.10	7,271.75	0.011668%	4,182.01	4,181.98	0.007035%	1,672.80	133,826.28	187,356.78	321,183.06
693540	693540	1,320.84	1,849.16	3,170.00	0.000094%			0.000000%			0.000000%		1,320.84	1,849.16	3,170.00
693550	693558	23,389.48	32,745.28	56,134.76	0.001662%			0.000000%			0.000000%		23,389.48	32,745.28	56,134.76
693570	693578	53,132.78	74,385.60	127,518.38	0.003776%	3,325.62	4,655.84	0.007471%	6,970.46	6,970.47	0.011726%	2,788.08	63,428.86	88,799.99	152,228.85
693590	693598	127,769.80	178,877.48	306,647.28	0.009081%	8,341.40	11,678.00	0.018738%	3,052.21	3,052.20	0.005135%	1,220.87	139,163.41	194,828.55	333,991.96
693620	693620	1,245.78	1,744.07	2,989.85	0.000089%			0.000000%			0.000000%		1,245.78	1,744.07	2,989.85
693630	693638	461,810.40	646,534.07	1,108,344.47	0.032823%	11,770.32	16,478.41	0.026441%	6,497.77	6,497.75	0.010931%	2,599.11	480,078.49	672,109.34	1,152,187.83
693640	693640	74,995.01	104,994.44	179,989.45	0.005330%			0.000000%	1,138.13	1,138.13	0.001915%	455.26	76,133.14	106,587.83	182,720.97
693650	693658	450.00	630.00	1,080.00	0.000032%			0.000000%			0.000000%		450.00	630.00	1,080.00
693660	693660	530.41	742.67	1,273.08	0.000038%			0.000000%			0.000000%		530.41	742.67	1,273.08
693670	693670	9,530.16	13,342.20	22,872.36	0.000677%			0.000000%	3,428.88	4,800.42	0.007703%		12,959.04	18,142.62	31,101.66
693680	693680	5,348.29	7,487.60	12,835.89	0.000380%			0.000000%			0.000000%		5,348.29	7,487.60	12,835.89
693710	693710	400.00	560.00	960.00	0.000028%			0.000000%			0.000000%		400.00	560.00	960.00
693720	693720	402.50	563.50	966.00	0.000029%			0.000000%			0.000000%		402.50	563.50	966.00
693730	693730	1,310.00	1,834.00	3,144.00	0.000093%			0.000000%			0.000000%		1,310.00	1,834.00	3,144.00
693750	693750	-	-	-	0.000000%			0.000000%	929.28	929.28	0.001563%	371.76	929.28	1,301.04	2,230.32
693760	693760	720.00	1,008.00	1,728.00	0.000051%			0.000000%			0.000000%		720.00	1,008.00	1,728.00
693770	693770	9,860.76	13,805.04	23,665.80	0.000701%			0.000000%			0.000000%		9,860.76	13,805.04	23,665.80
693770	693778	9,860.76	13,805.04	23,665.80	0.000701%			0.000000%			0.000000%		9,860.76	13,805.04	23,665.80
693780	693780	519.72	727.56	1,247.28	0.000037%			0.000000%			0.000000%		519.72	727.56	1,247.28
693790	693790	720.00	1,008.00	1,728.00	0.000051%			0.000000%			0.000000%		720.00	1,008.00	1,728.00
693810	693810	10,802.78	15,123.97	25,926.75	0.000768%	8,508.72	11,912.24	0.019114%			0.000000%		19,311.50	27,036.21	46,347.71
693820	693828	60,165.16	84,231.14	144,396.30	0.004276%	2,287.28	3,202.18	0.005138%	25,091.45	25,091.39	0.042211%	10,036.63	87,543.89	122,561.34	210,105.23
693850	693850	80.40	112.56	192.96	0.000006%			0.000000%			0.000000%		80.40	112.56	192.96
693860	693860	162,010.65	226,815.33	388,825.98	0.011515%			0.000000%	12,634.68	12,634.72	0.021255%	5,053.84	174,645.33	244,503.89	419,149.22
693870	693870	600.00	840.00	1,440.00	0.000043%			0.000000%			0.000000%		600.00	840.00	1,440.00
693880	693888	6,565.00	9,191.00	15,756.00	0.000467%			0.000000%			0.000000%		6,565.00	9,191.00	15,756.00
693890	693890	3,476.35	4,866.89	8,343.24	0.000247%			0.000000%			0.000000%		3,476.35	4,866.89	8,343.24
693910	693910	1,725.00	2,415.07	4,140.07	0.000123%			0.000000%			0.000000%		1,725.00	2,415.07	4,140.07
693920	693920	392.50	549.50	942.00	0.000028%			0.000000%			0.000000%		392.50	549.50	942.00
694010	694018	2,309.59	3,233.40	5,542.99	0.000164%			0.000000%			0.000000%		2,309.59	3,233.40	5,542.99
694210	694210	34,031.89	47,644.32	81,676.21	0.002419%			0.000000%	66.95	66.94	0.000113%	26.77	34,098.84	47,738.03	81,836.87
694310	694318	13,824.92	19,354.80	33,179.72	0.000983%			0.000000%			0.000000%		13,824.92	19,354.80	33,179.72
694410	694410	378.00	529.20	907.20	0.000027%			0.000000%			0.001647%	391.33	1,356.67	1,899.33	3,256.00
694430	694430	500.03	699.96	1,199.99	0.000036%			0.000000%			0.000000%		500.03	699.96	1,199.99
694500	694500	1,729.42	2,421.14	4,150.56	0.000123%			0.000000%	870.00	870.00	0.001464%	348.00	2,599.42	3,639.14	6,238.56
694600	694600	63,852.90	89,393.85	153,246.75	0.004538%	2,671.87	3,740.61	0.006002%			0.000000%		66,524.77	93,134.46	159,659.23
694600	694608	1,630,676.84	2,282,946.42	3,913,623.26	0.115898%	82,553.21	115,574.48	0.185449%	173,760.81	173,760.83	0.292315%	69,504.28	1,886,990.86	2,641,786.01	4,528,776.87
695100	695100	300.00	420.00	720.00	0.000021%			0.000000%			0.000000%		300.00	420.00	720.00
695400	695400	286.00	400.40	686.40	0.000020%			0.000000%			0.000000%		286.00	400.40	686.40
695500	695500	3,798.61	5,318.04	9,116.65	0.000270%			0.000000%			0.000000%		3,798.61	5,318.04	9,116.65
695600	695608	982,959.04	1,376,142.99	2,359,102.03	0.069863%	52,286.92	73,201.59	0.117458%	67,412.97	67,413.01	0.113408%	26,965.19	1,102,658.93	1,543,722.78	2,646,381.71
695800	695808	203,336.74	284,671.03	488,007.77	0.014452%	4,441.34	6,217.87	0.009977%	9,800.64	9,800.59	0.016487%	3,920.28	217,578.72	304,609.77	522,188.49
695820	695828	10,149.03	14,208.65	24,357.68	0.000721%			0.000000%	39,252.32	39,252.35	0.066034%	15,700.84	49,401.35	69,161.84	118,563.19
695900	695900	1,051.95	1,472.73	2,524.68	0.000075%			0.000000%			0.000000%		1,051.95	1,472.73	2,524.68

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
696000	696000	5,547.55	7,766.57	13,314.12	0.000394%										
696100	696100	5,728.58	8,019.99	13,748.57	0.000407%										
696100	696108	628.32	879.60	1,507.92	0.000045%										
696200	696200	46,171.96	64,640.83	110,812.79	0.003282%										
696500	696500	395.04	552.96	948.00	0.000028%										
696600	696600	59,569.81	83,397.18	142,966.99	0.004234%										
696700	696708	5,039,156.97	7,054,697.69	12,093,854.66	0.358148%	260,251.08	364,349.14	0.584628%	473,046.89	473,048.48	0.795801%	189,347.82	5,772,454.94	8,081,443.13	13,853,898.07
697100	697100	48,646.59	68,105.09	116,751.68	0.003457%										
697200	697200	1,514.49	2,120.37	3,634.86	0.000108%	120.00	168.00	0.000270%							
697300	697300	108,594.62	152,032.20	260,626.82	0.007718%	4,920.92	6,889.28	0.011054%	15,398.05	15,398.07	0.025904%	6,159.03	128,913.59	180,478.58	309,392.17
697500	697500	600,428.49	840,599.36	1,441,027.85	0.042675%	2,705.58	3,787.80	0.006078%	5,441.08	5,441.09	0.009153%	2,176.41	608,575.15	852,004.66	1,460,579.81
697600	697608	7,274,325.74	10,183,753.47	17,458,079.21	0.517005%	243,291.01	340,606.94	0.546531%	362,449.87	362,450.28	0.609743%	145,276.32	7,880,066.62	11,032,087.01	18,912,153.63
697700	697708	978,558.05	1,369,979.50	2,348,537.55	0.069550%	19,689.60	27,565.32	0.044231%	25,343.51	25,343.52	0.042635%	10,137.38	1,023,591.16	1,433,025.72	2,456,616.88
698000	698008	2,419,948.23	3,387,923.86	5,807,872.09	0.171995%	73,072.24	102,300.90	0.164150%	16,897.42	16,897.39	0.028426%	6,758.93	2,509,917.89	3,513,881.08	6,023,798.97
698000	988018	11,149.97	15,524.14	26,674.11	0.000790%										
698210	698218	68,492.67	95,889.56	164,382.23	0.004868%										
698310	698310	1,799.86	2,520.04	4,319.90	0.000128%										
698500	698500	2,798.75	3,918.22	6,716.97	0.000199%										
698600	698600	4,224.64	5,914.41	10,139.05	0.000300%	5,969.92	8,357.98	0.013411%							
698700	698700	5,589.38	7,825.11	13,414.49	0.000397%										
698800	698800	268,220.47	375,508.06	643,728.53	0.019063%	5,687.50	7,962.50	0.012776%							
698900	698900	2,176.25	3,046.73	5,222.98	0.000155%										
699000	699000	460.10	644.14	1,104.24	0.000033%										
699100	699100	3,931.81	5,504.44	9,436.25	0.000279%										
699200	699208	216,776.99	303,487.78	520,264.77	0.015407%	5,471.81	7,660.51	0.012292%	14,751.73	14,751.74	0.024817%	5,900.64	237,000.53	331,800.67	568,801.20
699300	699300	1,843.44	2,580.72	4,424.16	0.000131%										
699500	699500	480.00	672.00	1,152.00	0.000034%										
699600	699600	6,785.96	9,500.32	16,286.28	0.000482%				36.00	36.00	0.000061%	14.40	6,821.96	9,550.72	16,372.68
699700	699700	3,494.44	4,892.24	8,386.68	0.000248%										
699900	699900	125,845.84	176,180.79	302,026.63	0.008944%	5,854.48	8,196.25	0.013152%	7,739.95	7,739.77	0.013020%	3,095.95	139,440.27	195,212.76	334,653.03
700100	700100	5,772.76	8,081.90	13,854.66	0.000410%										
700200	700200	5,997.13	8,396.03	14,393.16	0.000426%										
700300	700300	5,254.93	7,356.59	12,611.52	0.000373%										
700400	700400	4,211.88	5,896.68	10,108.56	0.000299%										
700500	700500	6,028.51	8,439.91	14,468.42	0.000428%										
700600	700600	4,379.05	6,162.09	10,541.14	0.000312%	568.88	764.71	0.001227%				(0.01)	6,028.51	8,439.91	14,468.42
700700	700700	3,795.15	5,313.24	9,108.39	0.000270%										
700800	700800	8,456.88	11,839.32	20,296.20	0.000601%										
700900	700900	9,150.65	12,810.65	21,961.30	0.000650%										
701000	701000	6,383.58	8,937.07	15,320.65	0.000454%										
701100	701100	4,537.68	6,352.44	10,890.12	0.000323%										
701200	701200	8,818.33	12,345.30	21,163.63	0.000627%										
701300	701300	8,619.40	12,066.83	20,686.23	0.000613%										
701400	701400	6,267.58	8,774.30	15,041.88	0.000445%										
701500	701500	4,791.26	6,707.81	11,499.07	0.000341%										
701600	701600	7,183.85	10,057.43	17,241.28	0.000511%										
701700	701708	32,575.01	45,605.18	78,180.19	0.002315%				936.00	936.00	0.001575%	374.40	8,119.85	11,367.83	19,487.68
701800	701800	7,771.85	10,880.38	18,652.23	0.000552%				1,559.76	1,559.64	0.002624%	624.00	9,331.61	13,064.02	22,395.63
701900	701908	25,554.25	35,776.27	61,330.52	0.001816%	1,247.73	1,746.91	0.002803%	2,144.67	2,144.67	0.003608%	857.78	28,946.65	40,525.63	69,472.28
702000	702000	9,335.53	13,070.14	22,405.67	0.000664%										
702100	702100	10,889.85	15,245.60	26,135.45	0.000774%	1,134.23	1,587.84	0.002548%							
702200	702200	10,265.46	14,371.34	24,636.80	0.000730%										
702400	702400	27,456.20	38,439.03	65,895.23	0.001951%	2,339.64	3,275.40	0.005256%	305.76	305.76	0.000514%	122.28	30,101.60	42,142.47	72,244.07
702500	702500	9,309.32	13,032.71	22,342.03	0.000662%				2,027.74	2,027.74	0.003411%	811.07	11,337.06	15,871.52	27,208.58
702600	702608	85,069.25	119,096.61	204,165.86	0.006046%	2,685.23	3,759.24	0.006032%	3,548.30	3,548.30	0.005969%	1,419.31	91,302.78	127,823.46	219,126.24
702600	989308	100,694.01	140,197.00	240,891.01	0.007134%										
702700	702700	10,017.18	14,024.08	24,041.26	0.000712%										
702800	702800	8,575.60	12,005.84	20,581.44	0.000610%	936.00	1,310.40	0.002103%							
702900	702900	8,834.25	12,367.94	21,202.19	0.000628%				1,403.88	1,403.88	0.002362%	561.60	10,238.13	14,333.42	24,571.55
703000	703000	13,347.72	18,686.44	32,034.16	0.000949%										
703100	703100	12,000.45	16,800.60	28,801.05	0.000853%										
703200	703200	9,785.06	13,699.13	23,484.19	0.000695%										
703300	703300	3,217.92	4,504.80	7,722.72	0.000229%	1,559.76	2,183.62	0.003504%							
703400	703400	8,094.44	11,331.86	19,426.30	0.000575%										
703500	703500	9,192.86	12,869.81	22,062.67	0.000653%										

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
703600	703600	9,892.27	13,848.86	23,741.13	0.000703%												
703700	703700	9,779.43	13,691.36	23,470.79	0.000695%												
703800	703800	11,023.73	15,520.13	26,543.86	0.000786%												
703900	703900	10,094.35	14,131.69	24,226.04	0.000717%												
704000	704000	7,044.85	9,862.82	16,907.67	0.000501%												
704100	704100	11,768.17	16,475.24	28,243.41	0.000836%												
704200	704200	8,280.51	11,592.48	19,872.99	0.000589%												
704300	704300	11,481.46	16,074.24	27,555.70	0.000816%												
704400	704400	13,932.83	19,505.81	33,438.64	0.000990%												
704500	704500	50,217.75	70,304.35	120,522.10	0.003569%												
704600	704600	16,157.64	22,621.07	38,778.71	0.001148%												
704700	704700	7,445.89	10,424.30	17,870.19	0.000529%												
704800	704800	5,582.28	7,815.24	13,397.52	0.000397%												
705000	705000	2,946.87	4,125.74	7,072.61	0.000209%												
705100	705100	5,759.28	8,062.68	13,821.96	0.000409%												
705200	705200	16,865.75	23,612.16	40,477.91	0.001199%												
705300	705300	18,185.89	25,460.38	43,646.27	0.001293%												
705400	705400	11,051.55	15,471.85	26,523.40	0.000785%												
705500	705500	6,888.19	9,643.15	16,531.34	0.000490%												
705600	705600	12,878.46	18,029.87	30,908.33	0.000915%												
705700	705700	8,834.04	12,367.46	21,201.50	0.000628%												
705800	705800	12,567.62	17,594.26	30,161.88	0.000893%												
705900	705900	7,373.58	10,322.67	17,696.25	0.000524%												
706000	706000	9,623.01	13,471.86	23,094.87	0.000684%												
706100	706100	9,837.56	13,772.25	23,609.81	0.000699%												
706200	706200	7,994.43	11,192.19	19,186.62	0.000568%												
706300	706300	12,800.19	17,919.98	30,720.17	0.000910%												
706400	706400	3,559.39	4,983.10	8,542.49	0.000253%												
706500	706500	10,836.60	15,171.13	26,007.73	0.000770%												
706600	706600	62,996.44	88,194.95	151,191.39	0.004477%												
706700	706700	11,984.08	16,777.39	28,761.47	0.000852%												
706800	706800	12,157.17	17,019.81	29,176.98	0.000864%												
706900	706900	2,877.61	4,028.91	6,906.52	0.000205%												
707000	707000	9,371.99	13,120.51	22,492.50	0.000666%												
707100	707108	13,029.40	18,240.86	31,270.26	0.000926%												
707200	707200	16,469.03	23,056.33	39,525.36	0.001171%												
707300	707300	11,244.50	15,742.29	26,986.79	0.000799%												
707400	707400	18,189.51	25,465.35	43,654.86	0.001293%												
707500	707500	6,707.07	9,389.89	16,096.96	0.000477%												
707600	707600	15,578.96	21,810.52	37,389.48	0.001107%												
707700	707700	12,386.24	17,340.37	29,726.61	0.000880%												
707800	707800	9,475.79	13,265.90	22,741.69	0.000673%												
707900	707900	12,485.44	17,479.39	29,964.83	0.000887%												
708000	708000	5,957.97	8,341.35	14,299.32	0.000423%												
708100	708100	14,691.97	20,568.96	35,260.93	0.001044%												
708200	708200	13,298.98	18,618.47	31,917.45	0.000945%												
708300	708300	13,933.81	19,507.02	33,440.83	0.000990%												
708400	708400	15,803.37	22,124.40	37,927.77	0.001123%												
708500	708500	27,891.56	39,047.87	66,939.43	0.001982%												
708600	708600	3,695.88	5,174.28	8,870.16	0.000263%												
708700	708708	9,128.08	12,779.03	21,907.11	0.000649%												
708800	708800	3,743.28	5,240.88	8,984.16	0.000266%												
708900	708900	4,537.68	6,352.47	10,890.15	0.000323%												
709000	709000	4,739.16	6,634.92	11,374.08	0.000337%												
709100	709100	5,763.68	8,070.28	13,833.96	0.000410%												
709200	709208	5,746.73	8,045.11	13,791.84	0.000408%												
709300	709300	4,908.25	6,871.33	11,779.58	0.000349%												
709400	709400	5,168.39	7,235.77	12,404.16	0.000367%												
709500	709500	8,369.56	11,717.55	20,087.11	0.000595%												
709600	709600	4,765.62	6,671.56	11,437.18	0.000339%												
709700	709700	4,740.24	6,636.12	11,376.36	0.000337%												
709800	709800	3,680.52	5,152.44	8,832.96	0.000262%												
709900	709900	5,274.48	7,383.96	12,658.44	0.000375%												
710000	710000	15,538.44	21,753.47	37,291.91	0.001104%												
710100	710100	10,853.28	15,194.22	26,047.50	0.000771%												

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
710200	710200	12,034.31	16,847.66	28,881.97	0.000855%			0.000000%					12,034.31	16,847.66	28,881.97
710300	710300	12,452.24	17,433.01	29,885.25	0.000885%			0.000000%					12,452.24	17,433.01	29,885.25
710400	710408	18,778.09	26,289.01	45,067.10	0.001335%			0.000000%					18,778.09	26,289.01	45,067.10
710500	710500	15,890.51	22,246.38	38,136.89	0.001129%			0.000000%					15,890.51	22,246.38	38,136.89
710600	710600	17,173.09	24,042.43	41,215.52	0.001221%			0.000000%					17,173.09	24,042.43	41,215.52
710700	710700	37,657.86	52,720.99	90,378.85	0.002676%			0.000000%					37,657.86	52,720.99	90,378.85
710800	710800	13,948.38	19,527.42	33,475.80	0.000991%			0.000000%					13,948.38	19,527.42	33,475.80
710900	710900	11,734.69	16,428.22	28,162.91	0.000834%			0.000000%					11,734.69	16,428.22	28,162.91
711000	711000	14,603.55	20,443.99	35,047.04	0.001038%			0.000000%					14,603.55	20,443.99	35,047.04
711100	711100	13,353.55	18,694.67	32,048.22	0.000949%			0.000000%	992.64	992.64	0.001670%	396.96	13,353.55	18,694.67	32,048.22
711200	711200	11,387.18	15,941.76	27,328.94	0.000809%			0.000000%					11,387.18	15,941.76	27,328.94
711300	711300	12,079.52	16,911.50	28,991.02	0.000859%			0.000000%					12,079.52	16,911.50	28,991.02
711400	711400	9,137.28	12,791.88	21,929.16	0.000649%			0.000000%					9,137.28	12,791.88	21,929.16
711500	711500	9,644.01	13,501.36	23,145.37	0.000685%			0.000000%	3,455.64	3,455.64	0.005813%	1,382.27	9,644.01	13,501.36	23,145.37
711600	711600	3,275.88	4,586.28	7,862.16	0.000233%	936.00	1,310.40	0.002103%					3,275.88	4,586.28	7,862.16
711700	711700	5,337.12	7,471.80	12,808.92	0.000379%			0.000000%					5,337.12	7,471.80	12,808.92
711800	711800	4,926.68	6,897.07	11,823.75	0.000350%			0.000000%					4,926.68	6,897.07	11,823.75
711900	711900	4,537.68	6,352.44	10,890.12	0.000323%			0.000000%					4,537.68	6,352.44	10,890.12
712000	712000	5,606.06	7,848.16	13,454.22	0.000398%			0.000000%	702.66	702.63	0.001182%	281.07	5,606.06	7,848.16	13,454.22
712100	712100	6,525.88	9,135.92	15,661.80	0.000464%			0.000000%					6,525.88	9,135.92	15,661.80
712200	712200	3,544.96	4,962.92	8,507.88	0.000252%			0.000000%					3,544.96	4,962.92	8,507.88
712300	712300	4,537.68	6,352.44	10,890.12	0.000323%			0.000000%					4,537.68	6,352.44	10,890.12
712400	712400	5,708.65	7,991.84	13,700.49	0.000406%			0.000000%					5,708.65	7,991.84	13,700.49
712500	712500	7,805.88	10,928.04	18,733.92	0.000555%	1,134.24	1,587.85	0.002548%	650.04	649.94	0.001093%	260.03	7,805.88	10,928.04	18,733.92
712600	712600	5,945.73	8,323.71	14,269.44	0.000423%			0.000000%					5,945.73	8,323.71	14,269.44
712700	712700	5,926.92	8,297.88	14,224.80	0.000421%			0.000000%					5,926.92	8,297.88	14,224.80
712800	712800	4,537.68	6,352.47	10,890.15	0.000323%			0.000000%					4,537.68	6,352.47	10,890.15
712900	712900	4,679.16	6,550.92	11,230.08	0.000333%	1,247.76	1,746.94	0.002803%					4,679.16	6,550.92	11,230.08
713000	713000	5,600.69	7,840.98	13,441.67	0.000398%			0.000000%					5,600.69	7,840.98	13,441.67
713100	713100	4,103.88	5,745.47	9,849.35	0.000292%			0.000000%	360.00	360.00	0.000606%	144.00	4,103.88	5,745.47	9,849.35
713200	713208	112,076.68	156,906.99	268,983.67	0.007966%			0.000000%	7,434.87	7,434.87	0.012508%	2,973.84	112,076.68	156,906.99	268,983.67
713200	986608	180,762.75	251,677.29	432,440.04	0.012806%			0.000000%					180,762.75	251,677.29	432,440.04
713300	713308	42,248.53	59,148.13	101,396.66	0.003003%			0.000000%					42,248.53	59,148.13	101,396.66
713400	713408	4,140.24	5,796.12	9,936.36	0.000294%			0.000000%	1,134.24	1,134.24	0.001908%	453.60	4,140.24	5,796.12	9,936.36
713500	713508	142,102.83	198,943.82	341,046.65	0.010100%	12,334.42	17,268.22	0.027708%	13,806.62	13,806.51	0.023226%	5,522.72	142,102.83	198,943.82	341,046.65
713600	713600	66,571.58	93,200.54	159,772.12	0.004732%	1,271.80	1,780.52	0.002857%					66,571.58	93,200.54	159,772.12
713700	713700	16,922.24	23,691.21	40,613.45	0.001203%			0.000000%	4,964.95	4,964.92	0.008352%	1,986.01	16,922.24	23,691.21	40,613.45
713800	713800	22,362.89	31,307.86	53,670.75	0.001589%	1,247.76	1,746.94	0.002803%					22,362.89	31,307.86	53,670.75
713900	713900	27,184.11	38,057.75	65,241.86	0.001932%	1,826.27	2,556.76	0.004103%					27,184.11	38,057.75	65,241.86
713900	984900	10,881.09	15,149.71	26,030.80	0.000771%			0.000000%					10,881.09	15,149.71	26,030.80
714000	714000	16,569.21	23,196.60	39,765.81	0.001178%			0.000000%					16,569.21	23,196.60	39,765.81
714100	714100	87,964.58	123,149.97	211,114.55	0.006252%	7,300.47	10,220.62	0.016400%	7,164.97	7,164.90	0.012053%	2,866.02	87,964.58	123,149.97	211,114.55
714200	714200	57,305.44	80,227.62	137,533.06	0.004073%	3,733.03	5,226.19	0.008386%	217.41	217.43	0.000366%	86.96	57,305.44	80,227.62	137,533.06
714300	714308	553,400.67	774,759.20	1,328,159.87	0.039332%	39,267.88	54,974.72	0.088211%	14,128.08	14,128.11	0.023767%	5,651.23	553,400.67	774,759.20	1,328,159.87
714300	983408	917,513.77	1,277,462.84	2,194,976.61	0.065002%			0.000000%					917,513.77	1,277,462.84	2,194,976.61
714400	714400	22,676.44	31,747.18	54,423.62	0.001612%			0.000000%					22,676.44	31,747.18	54,423.62
714500	714500	8,880.30	12,432.19	21,312.49	0.000631%	992.64	1,389.60	0.002230%					8,880.30	12,432.19	21,312.49
714600	714600	13,380.64	18,732.56	32,113.20	0.000951%			0.000000%					13,380.64	18,732.56	32,113.20
714700	714700	14,995.09	20,992.78	35,987.87	0.001066%			0.000000%					14,995.09	20,992.78	35,987.87
714800	714808	5,672.40	7,941.24	13,613.64	0.000403%			0.000000%	992.64	992.64	0.001670%	396.96	5,672.40	7,941.24	13,613.64
714900	714900	8,912.75	12,477.79	21,390.54	0.000633%			0.000000%					8,912.75	12,477.79	21,390.54
715000	715000	10,647.88	14,907.08	25,554.96	0.000757%			0.000000%					10,647.88	14,907.08	25,554.96
715100	715100	6,299.95	8,818.24	15,118.19	0.000448%			0.000000%	243.65	243.65	0.000410%	99.09	6,299.95	8,818.24	15,118.19
715200	715200	8,014.77	11,220.37	19,235.14	0.000570%			0.000000%					8,014.77	11,220.37	19,235.14
715300	715300	12,514.45	17,519.84	30,034.29	0.000889%			0.000000%					12,514.45	17,519.84	30,034.29
715400	715400	8,502.07	11,902.66	20,404.73	0.000604%			0.000000%					8,502.07	11,902.66	20,404.73
715500	715500	9,472.83	13,261.64	22,734.47	0.000673%			0.000000%					9,472.83	13,261.64	22,734.47
715600	715600	11,491.91	16,088.69	27,580.60	0.000817%			0.000000%					11,491.91	16,088.69	27,580.60
715700	715700	11,507.40	16,110.04	27,617.44	0.000818%			0.000000%					11,507.40	16,110.04	27,617.44
715800	715800	11,389.75	15,945.45	27,335.20	0.000810%	1,134.24	1,587.85	0.002548%					11,389.75	15,945.45	27,335.20
715900	715900	4,797.72	6,716.40	11,514.12	0.000341%			0.000000%					4,797.72	6,716.40	11,514.12
716000	716000	5,419.53	7,587.03	13,006.56	0.000385%			0.000000%					5,419.53	7,587.03	13,006.56
716100	716100	11,152.82	15,613.58	26,766.40	0.000793%			0.000000%					11,152.82	15,613.58	26,766.40
716200	716200	4,451.88	6,232.68	10,684.56	0.000316%			0.000000%					4,451.88	6,232.68	10,684.56
716300	716300	4,273.01	5,981.92	10,254.93	0.000304%			0.000000%	1,477.32	1,477.34	0.002485%	590.89	4,273.01	5,981.92	10,254.93

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
716400	716400	8,766.30	12,272.99	21,039.29	0.000623%								8,766.30	12,272.99	21,039.29
716500	716500	6,380.87	8,933.48	15,314.35	0.000454%							873.36	8,564.51	11,990.48	20,554.99
716600	716600	7,979.46	11,170.90	19,150.36	0.000567%								7,979.46	11,170.90	19,150.36
716700	716700	6,164.88	8,630.52	14,795.40	0.000438%	5,039.14	7,054.78	0.011320%					11,204.02	15,685.30	26,889.32
716800	716800	9,657.12	13,520.04	23,177.16	0.000686%								9,657.12	13,520.04	23,177.16
716900	716900	9,188.50	12,864.05	22,052.55	0.000653%								9,188.50	12,864.05	22,052.55
717000	717000	10,951.23	15,331.55	26,282.78	0.000778%	1,122.38	1,571.34	0.002521%					12,073.61	16,902.89	28,976.50
717100	717100	29,307.95	41,031.14	70,339.09	0.002083%								29,307.95	41,031.14	70,339.09
717200	717200	21,522.59	30,131.92	51,654.51	0.001530%								21,522.59	30,131.92	51,654.51
717200	989500	13,687.56	19,057.15	32,744.71	0.000970%								13,687.56	19,057.15	32,744.71
717300	717300	25,601.01	35,840.67	61,441.68	0.001820%	320.04	447.97	0.000719%			875.04		28,108.72	39,351.35	67,460.07
717400	717400	23,017.09	32,223.97	55,241.06	0.001636%						499.20		24,264.96	33,970.92	58,235.88
717500	717500	15,047.58	21,065.97	36,113.55	0.001069%	1,236.96	1,731.74	0.002779%					16,284.54	22,797.71	39,082.25
717600	717600	61,062.63	85,487.59	146,550.22	0.004340%	1,100.95	1,541.34	0.002473%					62,163.58	87,028.93	149,192.51
717700	717700	43,559.96	60,984.08	104,544.04	0.003096%						625.78		45,124.12	63,174.01	108,298.13
717800	717800	16,364.41	22,910.32	39,274.73	0.001163%								16,364.41	22,910.32	39,274.73
717900	717900	6,508.70	9,112.09	15,620.79	0.000463%	2,862.24	4,007.04	0.006430%			432.12		10,451.18	14,631.37	25,082.55
718000	718000	38,373.66	53,723.00	92,096.66	0.002727%						1,405.20		41,886.77	58,641.23	100,528.00
718100	718100	52,057.43	72,880.53	124,937.96	0.003700%						608.40		53,578.29	75,009.80	128,588.09
718200	718200	14,667.41	20,534.49	35,201.90	0.001042%	21.60	30.24	0.000049%					14,689.01	20,564.73	35,253.74
718300	718308	37,656.71	52,719.45	90,376.16	0.002676%	4,872.80	6,821.93	0.010946%					42,529.51	59,541.38	102,070.89
718300	984108	133,127.42	185,354.17	318,481.59	0.009432%								133,127.42	185,354.17	318,481.59
718400	718400	17,711.15	24,796.04	42,507.19	0.001259%								17,711.15	24,796.04	42,507.19
718500	718508	228,927.64	320,498.19	549,425.83	0.016271%						5,327.78		242,247.06	339,145.37	581,392.43
718500	985508	483,465.76	673,133.58	1,156,599.34	0.034252%								483,465.76	673,133.58	1,156,599.34
718600	718600	14,624.62	20,474.72	35,099.34	0.001039%						800.58		16,626.29	23,276.97	39,903.26
718700	718700	11,263.94	15,769.50	27,033.44	0.000801%						499.20		12,511.70	17,516.46	30,028.16
718800	718800	96,830.91	135,563.09	232,394.00	0.006882%						1,242.60		99,937.35	139,912.01	239,849.36
718800	980410	143,307.77	199,528.31	342,836.08	0.010153%								143,307.77	199,528.31	342,836.08
718900	718900	7,023.00	9,832.44	16,855.44	0.000499%						1,618.42		11,069.13	15,497.05	26,566.18
718900	718908	9,052.12	12,672.93	21,725.05	0.000643%						9.23		9,075.22	12,705.27	21,780.49
719000	719000	24,643.61	34,501.45	59,145.06	0.001752%								24,643.61	34,501.45	59,145.06
719100	719108	323,283.68	452,596.14	775,879.82	0.022977%	2,267.72	3,174.62	0.005094%			3,789.79		335,025.95	469,034.94	804,060.89
719100	986708	620,027.73	863,270.03	1,483,297.76	0.043926%								620,027.73	863,270.03	1,483,297.76
719200	719200	24,146.98	33,805.97	57,952.95	0.001716%	75.17	105.22	0.000169%					24,222.15	33,911.19	58,133.34
719300	719308	12,643.78	17,701.34	30,345.12	0.000899%						499.10		13,891.52	19,448.28	33,339.80
719400	719400	22,659.65	31,723.62	54,383.27	0.001611%								22,659.65	31,723.62	54,383.27
719500	719500	7,836.55	10,970.90	18,807.45	0.000557%								7,836.55	10,970.90	18,807.45
719600	719600	17,226.78	24,117.18	41,343.96	0.001224%								17,226.78	24,117.18	41,343.96
719700	719700	9,104.29	12,745.69	21,849.98	0.000647%								9,104.29	12,745.69	21,849.98
719800	719800	5,274.42	7,383.96	12,658.38	0.000375%								5,274.42	7,383.96	12,658.38
719900	719900	3,821.07	5,349.21	9,170.28	0.000272%						713.04		5,603.67	7,844.85	13,448.52
720000	720000	9,203.15	12,884.19	22,087.34	0.000654%					1,782.60	1,782.60		9,203.15	12,884.19	22,087.34
720100	720100	9,895.56	13,853.36	23,748.92	0.000703%								9,895.56	13,853.36	23,748.92
720200	720200	8,670.46	12,138.69	20,809.15	0.000616%								8,670.46	12,138.69	20,809.15
720300	720300	11,081.86	15,514.71	26,596.57	0.000788%								11,081.86	15,514.71	26,596.57
720400	720400	5,203.67	7,284.84	12,488.51	0.000370%								5,203.67	7,284.84	12,488.51
720500	720500	4,537.70	6,352.47	10,890.17	0.000323%								4,537.70	6,352.47	10,890.17
720600	720600	5,259.68	7,363.89	12,623.57	0.000374%								5,259.68	7,363.89	12,623.57
720700	720700	4,926.38	6,896.62	11,823.00	0.000350%								4,926.38	6,896.62	11,823.00
720800	720800	20,907.45	29,270.02	50,177.47	0.001486%								20,907.45	29,270.02	50,177.47
720900	720900	14,205.05	19,886.80	34,091.85	0.001010%	2,572.42	3,601.37	0.005779%			819.95		18,827.40	26,358.06	45,185.46
721000	721000	11,827.33	16,557.93	28,385.26	0.000841%								11,827.33	16,557.93	28,385.26
721100	721100	27,803.78	38,925.47	66,729.25	0.001976%								27,803.78	38,925.47	66,729.25
721200	721200	10,945.68	15,323.97	26,269.65	0.000778%						396.96		11,938.32	16,713.57	28,651.89
721300	721300	18,994.57	26,592.65	45,587.22	0.001350%								18,994.57	26,592.65	45,587.22
721400	721400	15,734.37	22,028.25	37,762.62	0.001118%								15,734.37	22,028.25	37,762.62
721500	721500	25,392.55	35,549.88	60,942.43	0.001805%								25,392.55	35,549.88	60,942.43
721500	980000	35,700.15	49,705.66	85,405.81	0.002529%								35,700.15	49,705.66	85,405.81
721600	721600	15,183.07	21,256.02	36,439.09	0.001079%								15,183.07	21,256.02	36,439.09
721700	721700	15,937.98	22,312.88	38,250.86	0.001133%								15,937.98	22,312.88	38,250.86
721800	721800	29,836.12	41,770.75	71,606.87	0.002121%								29,836.12	41,770.75	71,606.87
721800	983900	27,127.39	37,769.52	64,896.91	0.001922%								27,127.39	37,769.52	64,896.91
721900	721900	28,538.64	39,954.16	68,492.80	0.002028%								28,538.64	39,954.16	68,492.80
721900	982500	83,302.66	115,983.08	199,285.74	0.005902%								83,302.66	115,983.08	199,285.74

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
722000	722000	16,300.47	22,820.32	39,120.79	0.001159%								16,300.47	22,820.32	39,120.79
722100	722100	23,149.80	32,409.41	55,559.21	0.001645%							453.61	24,284.03	33,997.25	58,281.28
722200	722200	8,267.71	11,574.54	19,842.25	0.000588%						748.68		10,139.47	14,194.98	24,334.45
722300	722300	8,585.10	12,019.17	20,604.27	0.000610%								8,585.10	12,019.17	20,604.27
722500	722500	15,639.82	21,895.49	37,535.31	0.001112%								15,639.82	21,895.49	37,535.31
722600	722600	14,290.93	20,007.48	34,298.41	0.001016%								14,290.93	20,007.48	34,298.41
722700	722700	4,541.79	6,358.20	10,899.99	0.000323%								4,541.79	6,358.20	10,899.99
722800	722800	6,614.28	9,260.04	15,874.32	0.000470%								6,614.28	9,260.04	15,874.32
722900	722900	6,887.90	9,643.11	16,531.01	0.000490%							92.90	7,120.10	9,968.20	17,088.30
723000	723000	4,888.86	6,844.47	11,733.33	0.000347%							323.40	5,697.06	7,975.95	13,673.01
723100	723100	3,516.40	4,922.96	8,439.36	0.000250%							561.60	4,920.28	6,888.44	11,808.72
723200	723200	12,202.76	17,083.94	29,286.70	0.000867%							499.20	13,450.52	18,830.90	32,281.42
723300	723300	6,805.37	9,527.23	16,332.60	0.000484%								6,805.37	9,527.23	16,332.60
723400	723400	4,814.30	6,740.06	11,554.36	0.000342%								4,814.30	6,740.06	11,554.36
723500	723500	4,537.68	6,352.44	10,890.12	0.000323%								4,537.68	6,352.44	10,890.12
723600	723600	11,736.62	16,430.96	28,167.58	0.000834%								11,736.62	16,430.96	28,167.58
723700	723700	4,952.07	6,932.85	11,884.92	0.000352%								4,952.07	6,932.85	11,884.92
723800	723800	5,842.46	8,179.54	14,022.00	0.000415%								5,842.46	8,179.54	14,022.00
723900	723900	5,104.38	7,146.18	12,250.56	0.000363%							374.40	6,040.38	8,456.58	14,496.96
724000	724000	5,661.29	7,925.84	13,587.13	0.000402%								5,661.29	7,925.84	13,587.13
724100	724100	6,562.12	9,186.99	15,749.11	0.000466%								6,562.12	9,186.99	15,749.11
724200	724200	5,824.68	8,154.60	13,979.28	0.000414%								5,824.68	8,154.60	13,979.28
724300	724300	5,949.69	8,329.61	14,279.30	0.000423%	390.00	546.00	0.000876%					6,339.69	8,875.61	15,215.30
724400	724400	3,275.88	4,586.28	7,862.16	0.000233%								3,275.88	4,586.28	7,862.16
724500	724500	9,806.76	13,729.13	23,535.89	0.000697%							360.00	10,706.64	14,988.95	25,695.59
724600	724600	4,111.92	5,756.88	9,868.80	0.000292%								4,111.92	5,756.88	9,868.80
724700	724700	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
724800	724800	5,233.68	7,327.20	12,560.88	0.000372%								5,233.68	7,327.20	12,560.88
724900	724900	4,537.67	6,352.46	10,890.13	0.000323%								4,537.67	6,352.46	10,890.13
725000	725000	7,436.66	10,411.06	17,847.72	0.000529%								7,436.66	10,411.06	17,847.72
725100	725100	5,012.97	7,018.07	12,031.04	0.000356%								5,012.97	7,018.07	12,031.04
725200	725200	4,211.88	5,896.67	10,108.55	0.000299%								4,211.88	5,896.67	10,108.55
725300	725300	3,840.46	5,376.41	9,216.87	0.000273%							430.04	4,915.82	6,881.81	11,797.63
725400	725400	5,297.38	7,416.36	12,713.74	0.000377%								5,297.38	7,416.36	12,713.74
725500	725500	4,524.64	6,334.54	10,859.18	0.000322%								4,524.64	6,334.54	10,859.18
725600	725600	5,397.94	7,556.84	12,954.78	0.000384%								5,397.94	7,556.84	12,954.78
725700	725700	4,140.22	5,796.12	9,936.34	0.000294%								4,140.22	5,796.12	9,936.34
725800	725800	4,430.90	6,202.97	10,633.87	0.000315%								4,430.90	6,202.97	10,633.87
725900	725900	8,057.28	11,279.87	19,337.15	0.000573%								8,057.28	11,279.87	19,337.15
726000	726000	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
726100	726100	3,516.36	4,923.00	8,439.36	0.000250%								3,516.36	4,923.00	8,439.36
726200	726200	3,742.27	5,239.28	8,981.55	0.000266%								3,742.27	5,239.28	8,981.55
726300	726300	4,159.88	5,823.88	9,983.76	0.000296%								4,159.88	5,823.88	9,983.76
726400	726400	5,907.11	8,269.70	14,176.81	0.000420%	1,134.24	1,587.84	0.002548%					7,041.35	9,857.54	16,898.89
727400	727400	1,717.80	2,404.99	4,122.79	0.000122%								1,717.80	2,404.99	4,122.79
729800	729800	84,786.38	118,700.94	203,487.32	0.006026%							1,074.00	87,471.62	122,460.18	209,931.80
729800	983300	152,712.10	212,621.31	365,333.41	0.010819%								152,712.10	212,621.31	365,333.41
731800	731800	4,299.78	6,019.89	10,319.67	0.000306%								4,299.78	6,019.89	10,319.67
731900	731900	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
732000	732000	4,390.65	6,146.95	10,537.60	0.000312%								4,390.65	6,146.95	10,537.60
732100	732100	3,633.23	5,086.32	8,719.55	0.000258%							363.88	4,543.15	6,360.12	10,903.27
732200	732200	3,402.72	4,763.52	8,166.24	0.000242%								5,274.48	7,383.96	12,658.44
732300	732300	65,286.16	91,400.80	156,686.96	0.004640%								65,286.16	91,400.80	156,686.96
732400	732400	6,621.94	9,270.78	15,892.72	0.000471%								6,621.94	9,270.78	15,892.72
732500	732500	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
732600	732600	4,900.30	6,860.11	11,760.41	0.000348%							748.68	6,772.06	9,480.55	16,252.61
732700	732700	3,275.88	4,586.28	7,862.16	0.000233%							374.40	4,211.88	5,896.68	10,108.56
732800	732800	6,523.95	9,133.25	15,657.20	0.000464%								6,523.95	9,133.25	15,657.20
732900	732900	6,172.92	8,642.28	14,815.20	0.000439%								6,172.92	8,642.28	14,815.20
733000	733000	4,537.68	6,352.44	10,890.12	0.000323%								4,537.68	6,352.44	10,890.12
733100	733100	5,914.48	8,279.96	14,194.44	0.000420%								5,914.48	8,279.96	14,194.44
733200	733200	8,826.83	12,357.59	21,184.42	0.000627%								8,826.83	12,357.59	21,184.42
733300	733300	11,077.26	15,507.89	26,585.15	0.000787%								11,077.26	15,507.89	26,585.15
733400	733400	4,537.68	6,352.47	10,890.15	0.000323%								4,537.68	6,352.47	10,890.15
733500	733500	3,114.08	4,359.61	7,473.69	0.000221%								3,114.08	4,359.61	7,473.69

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
 SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
 FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions	
733600	733600	5,274.45	7,383.96	12,658.41	0.000375%			0.000000%			0.000000%			5,274.45	7,383.96	12,658.41
733700	733700	3,516.36	4,922.88	8,439.24	0.000250%			0.000000%			0.000000%			3,516.36	4,922.88	8,439.24
733800	733800	5,919.43	8,287.23	14,206.66	0.000421%			0.000000%			0.000000%			5,919.43	8,287.23	14,206.66
733900	733900	7,384.72	10,338.26	17,722.98	0.000525%			0.000000%			0.000000%			7,384.72	10,338.26	17,722.98
734000	734000	8,833.35	12,366.57	21,199.92	0.000628%			0.000000%			0.000000%			8,833.35	12,366.57	21,199.92
734100	734100	10,873.65	15,222.85	26,096.50	0.000773%			0.000000%			0.000000%			10,873.65	15,222.85	26,096.50
734200	734200	5,856.57	8,198.88	14,055.45	0.000416%			0.000000%			0.000000%			5,856.57	8,198.88	14,055.45
734300	734300	7,065.98	9,892.06	16,958.04	0.000502%	490.75	687.05	0.001102%			0.000000%			7,556.73	10,579.11	18,135.84
734400	734400	5,819.93	8,147.58	13,967.51	0.000414%			0.000000%			0.000000%			5,819.93	8,147.58	13,967.51
734500	734500	7,790.24	10,906.08	18,696.36	0.000548%	1,134.24	1,587.84	0.002548%			0.000000%			8,924.52	12,493.92	21,418.44
734600	734600	9,092.67	12,729.90	21,822.57	0.000646%			0.000000%			0.000000%			9,092.67	12,729.90	21,822.57
734700	734700	20,808.25	29,131.30	49,939.55	0.001479%			0.000000%			0.000000%			20,808.25	29,131.30	49,939.55
734800	734800	11,204.06	15,685.62	26,889.68	0.000796%			0.000000%			0.000000%			11,204.06	15,685.62	26,889.68
734900	734900	9,395.66	13,153.63	22,549.29	0.000668%			0.000000%			0.000000%			9,395.66	13,153.63	22,549.29
735000	735000	27,193.00	38,070.48	65,263.48	0.001933%			0.000000%	6,360.01	6,360.01	0.010699%	2,544.00	33,553.01	46,974.49	80,527.50	
735100	735108	24,795.57	34,713.53	59,509.10	0.001762%			0.000000%	10,192.49	10,192.49	0.017147%	4,076.97	34,988.06	48,982.99	83,971.05	
735200	735200	10,386.92	14,541.76	24,928.68	0.000738%			0.000000%	747.90	747.94	0.001258%	299.12	11,134.82	15,588.82	26,723.64	
735300	735300	32,546.54	45,564.89	78,111.43	0.002313%	2,267.62	3,174.59	0.005094%	88.80	88.80	0.000149%	35.52	34,902.96	48,863.80	83,766.76	
735400	735400	14,991.30	20,987.53	35,978.83	0.001065%			0.000000%			0.000000%		14,991.30	20,987.53	35,978.83	
735500	735508	151,940.52	212,716.00	364,656.52	0.010799%	1,383.70	1,937.19	0.003108%			0.000000%		153,324.22	214,653.19	367,977.41	
735500	988008	266,683.96	371,305.99	637,989.95	0.018893%			0.000000%			0.000000%		266,683.96	371,305.99	637,989.95	
735600	735600	26,914.39	37,680.42	64,594.81	0.001913%	535.92	750.31	0.001204%			0.000000%		27,450.31	38,430.73	65,881.04	
735700	735700	9,621.85	13,470.32	23,092.17	0.000684%			0.000000%	1,228.76	1,228.76	0.002067%	491.40	10,850.61	15,190.48	26,041.09	
735800	735800	(246.54)	(295.85)	(542.39)	-0.000016%			0.000000%	246.54	246.54	0.000415%	49.31				
735800	735808	89,858.15	125,801.12	215,659.27	0.006387%	3,814.40	5,340.16	0.008569%	8,670.91	8,670.79	0.014587%	3,468.29	102,343.46	143,280.36	245,623.82	
735900	735900	5,292.86	7,409.69	12,702.55	0.000376%			0.000000%			0.000000%		5,292.86	7,409.69	12,702.55	
736000	736000	129,315.42	181,041.51	310,356.93	0.009191%	2,267.63	3,174.61	0.005094%	10,565.23	10,565.10	0.017773%	4,226.14	142,148.28	199,007.36	341,155.64	
736100	736100	11,581.38	16,213.52	27,794.90	0.000823%			0.000000%			0.000000%		11,581.38	16,213.52	27,794.90	
736200	736200	10,265.56	14,371.44	24,637.00	0.000730%			0.000000%			0.000000%		10,265.56	14,371.44	24,637.00	
736300	736300	12,713.77	17,799.33	30,513.10	0.000904%			0.000000%			0.000000%		12,713.77	17,799.33	30,513.10	
736400	736400	12,619.38	17,707.36	30,326.74	0.000898%			0.000000%			0.000000%	(40.26)	12,619.38	17,667.10	30,286.48	
736500	736500	2,958.81	4,142.33	7,101.14	0.000210%			0.000000%	1,403.88	1,403.88	0.002362%	561.59	4,362.69	6,107.80	10,470.49	
736600	736600	12,218.85	17,106.05	29,324.90	0.000868%			0.000000%			0.000000%		12,218.85	17,106.05	29,324.90	
736700	736700	7,317.07	10,243.56	17,560.63	0.000520%			0.000000%			0.000000%		7,317.07	10,243.56	17,560.63	
736800	736800	18,342.32	25,679.38	44,021.70	0.001304%			0.000000%			0.000000%		18,342.32	25,679.38	44,021.70	
736900	736900	12,516.94	17,523.38	30,040.32	0.000890%	750.00	1,050.00	0.001685%			0.000000%		13,266.94	18,573.38	31,840.32	
737000	737000	9,794.07	13,711.50	23,505.57	0.000696%			0.000000%	1,039.72	1,039.72	0.001749%	415.80	10,833.79	15,167.02	26,000.81	
737100	737100	37,692.03	52,769.00	90,461.03	0.002679%			0.000000%			0.000000%		37,692.03	52,769.00	90,461.03	
737300	737300	24,313.63	34,039.08	58,352.71	0.001728%	1,361.16	1,905.72	0.003058%			0.000000%		25,674.79	35,944.80	61,619.59	
737400	737400	15,553.46	21,774.85	37,328.31	0.001105%	1,247.77	1,746.95	0.002803%	1,247.77	1,247.76	0.002099%	499.20	18,049.00	25,268.76	43,317.76	
737400	737408	3,049.35	4,269.19	7,318.54	0.000217%			0.000000%			0.000000%		3,049.35	4,269.19	7,318.54	
737500	737500	9,811.52	13,736.08	23,547.60	0.000697%			0.000000%			0.000000%		9,811.52	13,736.08	23,547.60	
737600	737600	87,654.87	122,716.26	210,371.13	0.006230%			0.000000%	3,725.95	3,725.93	0.006268%	1,490.37	91,380.82	127,932.56	219,313.38	
737600	983800	170,210.97	236,986.12	407,197.09	0.012059%			0.000000%			0.000000%		170,210.97	236,986.12	407,197.09	
737800	737800	21,489.24	30,085.15	51,574.39	0.001527%	8,308.04	11,631.22	0.018663%			0.000000%		29,797.28	41,716.37	71,513.65	
737900	737900	7,006.95	9,809.88	16,816.83	0.000498%			0.000000%			0.000000%		7,006.95	9,809.88	16,816.83	
738000	738000	11,445.16	16,023.30	27,468.46	0.000813%			0.000000%	2,522.72	2,522.61	0.004244%	1,009.10	13,967.88	19,555.01	33,522.89	
738100	738108	30,822.63	43,151.57	73,974.20	0.002191%			0.000000%			0.000000%		30,822.63	43,151.57	73,974.20	
738200	738200	17,116.26	23,963.01	41,079.27	0.001217%			0.000000%			0.000000%		17,116.26	23,963.01	41,079.27	
738300	738300	11,681.02	16,353.52	28,034.54	0.000830%			0.000000%			0.000000%		11,681.02	16,353.52	28,034.54	
738300	738308	9,926.01	13,896.41	23,822.42	0.000705%			0.000000%			0.000000%		9,926.01	13,896.41	23,822.42	
738400	738400	14,186.97	19,861.84	34,048.81	0.001008%	1,247.76	1,746.96	0.002803%			0.000000%		15,434.73	21,608.80	37,043.53	
738600	738600	14,053.05	19,674.28	33,727.33	0.000999%			0.000000%	2,630.00	2,630.01	0.004424%	1,051.99	16,683.05	23,356.28	40,039.33	
738700	738700	8,239.90	11,535.86	19,775.76	0.000586%			0.000000%			0.000000%		8,239.90	11,535.86	19,775.76	
738800	738800	13,770.31	19,278.44	33,048.75	0.000979%			0.000000%	1,763.77	1,763.76	0.002967%	705.60	15,534.08	21,747.80	37,281.88	
738900	738900	10,332.75	14,465.95	24,798.70	0.000734%			0.000000%			0.000000%		10,332.75	14,465.95	24,798.70	
739000	739000	14,877.43	20,827.76	35,705.19	0.001057%			0.000000%			0.000000%		14,877.43	20,827.76	35,705.19	
739100	739108	126,988.47	177,592.67	304,581.14	0.009020%	8,796.88	12,315.62	0.019761%	(953.31)	(905.64)	-0.001524%	(238.34)	134,832.04	188,764.31	323,596.35	
739200	739200	8,289.64	11,605.77	19,895.41	0.000589%			0.000000%	4,669.13	4,669.12	0.007855%	1,867.63	12,958.77	18,142.52	31,101.29	
739300	739300	4,722.54	6,611.34	11,333.88	0.000336%	1,057.87	1,480.93	0.002376%			0.000000%		5,780.41	8,092.27	13,872.68	
739400	739400	5,843.48	8,180.52	14,024.00	0.000415%			0.000000%			0.000000%		5,843.48	8,180.52	14,024.00	
739500	739500	10,552.51	14,773.22	25,325.73	0.000750%			0.000000%	169.00	169.02	0.000284%	67.58	10,721.51	15,009.82	25,731.33	
739600	739600	64,821.04	90,749.59	155,570.63	0.004607%			0.000000%	311.52	311.52	0.000524%	124.61	65,132.56	91,185.72	156,318.28	
739700	739700	6,309.10	8,832.47	15,141.57	0.000448%			0.000000%			0.000000%		6,309.10	8,832.47	15,141.57	
739800	739800	4,908.98	6,872.62	11,781.60	0.000349%			0.000000%			0.000000%		4,908.98	6,872.62	11,781.60	

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
739900	739900	5,486.88	7,681.32	13,168.20	0.000390%								5,486.88	7,681.32	13,168.20
740000	740000	4,813.74	6,739.03	11,552.77	0.000342%							396.95	5,806.36	8,128.61	13,934.97
740100	740100	12,705.17	17,786.96	30,492.13	0.000903%						453.61	13,839.41	19,374.81	33,214.22	
740300	740300	6,908.66	9,671.70	16,580.36	0.000491%							6,908.66	9,671.70	16,580.36	
740500	740500	84,891.37	118,847.47	203,738.84	0.006034%	5,094.86	7,132.79	0.011445%					89,986.23	125,980.26	215,966.49
740500	980400	122,954.11	171,190.02	294,144.13	0.008711%								122,954.11	171,190.02	294,144.13
740600	740600	8,228.38	11,519.82	19,748.20	0.000585%							544.56	9,589.54	13,425.54	23,015.08
740700	740700	59,494.19	83,291.50	142,785.69	0.004228%	4,260.62	5,964.86	0.009571%				1,242.60	66,861.25	93,605.28	160,466.53
740700	984508	105,683.68	147,144.11	252,827.79	0.007487%								105,683.68	147,144.11	252,827.79
740800	740800	23,291.76	32,607.29	55,899.05	0.001655%								23,291.76	32,607.29	55,899.05
740800	740808	36,183.30	50,657.53	86,840.83	0.002572%								36,183.30	50,657.53	86,840.83
740800	980500	52,392.90	72,945.96	125,338.86	0.003712%								52,392.90	72,945.96	125,338.86
740800	980508	65,039.60	90,555.89	155,595.49	0.004608%								65,039.60	90,555.89	155,595.49
741000	741000	17,673.98	24,743.73	42,417.71	0.001256%						2,477.55	23,867.93	33,415.25	57,283.18	
741100	741108	66,104.34	92,545.71	158,650.05	0.004698%						1,927.05	70,921.82	99,290.10	170,211.92	
741200	741208	100,150.23	140,210.12	240,360.35	0.007118%						4,004.81	110,162.26	154,226.86	264,389.12	
741300	741300	5,374.08	7,523.52	12,897.60	0.000382%	2,267.64	3,174.60	0.005094%				907.08	9,909.36	13,872.72	23,782.08
741300	741308	68,536.70	95,951.36	164,488.06	0.004871%								68,536.70	95,951.36	164,488.06
741300	987008	155,285.31	216,204.89	371,490.20	0.011001%								155,285.31	216,204.89	371,490.20
741500	741500	31,273.94	43,783.12	75,057.06	0.002223%	3,819.55	5,347.41	0.008580%				1,917.53	39,887.37	55,842.01	95,729.38
741500	741508	134,553.53	188,375.02	322,928.55	0.009563%								134,553.53	188,375.02	322,928.55
741500	986908	40,292.78	56,100.13	96,392.91	0.002855%								40,292.78	56,100.13	96,392.91
741600	741600	34,555.76	48,377.77	82,933.53	0.002456%	11,169.53	15,637.23	0.025091%				1,722.61	50,031.77	70,044.09	120,075.86
741700	741708	73,798.97	103,318.88	177,117.85	0.005245%						816.01	75,838.95	106,174.91	182,013.86	
741700	980608	118,976.02	165,651.15	284,627.17	0.008429%								118,976.02	165,651.15	284,627.17
741800	741808	60,209.04	84,292.32	144,501.36	0.004279%						2,848.40	67,329.94	94,261.49	161,591.43	
741900	741900	7,921.93	11,091.00	19,012.93	0.000563%							7,921.93	11,091.00	19,012.93	
741900	741908	11,863.67	16,609.11	28,472.78	0.000843%						1,970.57	16,790.19	23,506.21	40,296.40	
742000	742000	82,725.46	115,815.45	198,540.91	0.005880%	396.06	554.47	0.000890%				1,696.02	87,361.51	122,305.90	209,667.41
742000	742008	101,700.58	142,380.56	244,081.14	0.007228%							1,519.44	105,499.38	147,698.77	253,198.15
742100	742108	47,394.82	66,352.83	113,747.65	0.003369%								47,394.82	66,352.83	113,747.65
742100	980708	58,799.58	81,867.16	140,666.74	0.004166%								58,799.58	81,867.16	140,666.74
742200	742200	4,443.56	6,220.81	10,664.37	0.000316%	2,267.63	3,174.61	0.005094%				1,242.30	9,816.92	13,743.44	23,560.36
742200	742208	14,089.25	19,724.97	33,814.22	0.001001%								14,089.25	19,724.97	33,814.22
742400	742400	96,535.04	135,149.01	231,684.05	0.006861%								96,535.04	135,149.01	231,684.05
742500	742500	19,941.54	27,918.41	47,859.95	0.001417%								19,941.54	27,918.41	47,859.95
742600	742600	6,193.24	8,670.24	14,863.48	0.000440%							717.51	7,987.00	11,181.48	19,168.48
742700	742700	5,971.92	8,360.88	14,332.80	0.000424%								5,971.92	8,360.88	14,332.80
742700	742708	10,323.32	14,452.64	24,775.96	0.000734%								10,323.32	14,452.64	24,775.96
742800	742800	7,020.36	9,828.23	16,848.59	0.000499%								7,020.36	9,828.23	16,848.59
742900	742900	4,537.68	6,352.44	10,890.12	0.000323%	3,720.00	5,208.00	0.008357%					8,257.68	11,560.44	19,818.12
743000	743000	6,468.16	9,055.18	15,523.34	0.000460%							453.60	7,602.40	10,643.02	18,245.42
743100	743100	4,008.60	5,612.04	9,620.64	0.000285%	10,666.56	14,933.19	0.023962%				499.20	15,922.93	22,292.19	38,215.12
743200	743200	10,335.35	14,469.18	24,804.53	0.000735%	134.15	187.81	0.000301%					10,469.50	14,656.99	25,126.49
743300	743300	8,687.04	12,161.52	20,848.56	0.000617%								8,687.04	12,161.52	20,848.56
743400	743400	9,002.54	12,603.74	21,606.28	0.000640%								9,002.54	12,603.74	21,606.28
743500	743500	16,908.66	23,672.15	40,580.81	0.001202%								16,908.66	23,672.15	40,580.81
743600	743600	14,299.37	20,019.29	34,318.66	0.001016%								14,299.37	20,019.29	34,318.66
743700	743700	8,085.38	11,319.58	19,404.96	0.000575%								8,085.38	11,319.58	19,404.96
743800	743800	9,330.93	13,062.99	22,393.92	0.000663%								9,330.93	13,062.99	22,393.92
743900	743900	4,138.55	5,793.98	9,932.53	0.000294%								4,138.55	5,793.98	9,932.53
744000	744000	4,564.24	6,389.74	10,953.98	0.000324%	992.64	1,389.61	0.002230%					5,556.88	7,779.35	13,336.23
744100	744100	9,644.82	13,502.57	23,147.39	0.000685%	909.92	1,273.81	0.002044%					10,554.74	14,776.38	25,331.12
744200	744200	5,523.50	7,732.99	13,256.49	0.000393%								5,523.50	7,732.99	13,256.49
744300	744300	2,273.01	3,182.31	5,455.32	0.000162%								2,273.01	3,182.31	5,455.32
744400	744400	4,212.38	5,897.26	10,109.64	0.000299%								4,212.38	5,897.26	10,109.64
744500	744500	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
744600	744600	2,769.16	3,876.92	6,646.08	0.000197%								2,769.16	3,876.92	6,646.08
744700	744700	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56
744800	744800	5,023.67	7,032.84	12,056.51	0.000357%								5,023.67	7,032.84	12,056.51
744900	744900	6,095.20	8,532.96	14,628.16	0.000433%								6,095.20	8,532.96	14,628.16
745000	745000	8,483.53	11,876.56	20,360.09	0.000603%								8,483.53	11,876.56	20,360.09
745100	745100	3,108.00	4,351.20	7,459.20	0.000221%								3,108.00	4,351.20	7,459.20
745200	745200	49,069.48	68,696.71	117,766.19	0.003488%								49,069.48	68,696.71	117,766.19
745300	745300	205,957.21	288,339.90	494,297.11	0.014638%	9,646.91	13,505.54	0.021671%				1,845.02	220,216.50	308,302.84	528,519.34

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)										
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions								
745300	982400	179,891.75	250,464.94	430,356.69	0.012745%																		
745400	745400	11,084.68	15,518.65	26,603.33	0.000788%																		
745500	745508	35,175.68	49,246.03	84,421.71	0.002500%																		
745600	745600	3,842.56	5,379.57	9,222.13	0.000273%																		
745600	745608	86,832.99	121,566.27	208,399.26	0.006172%																		
745600	985900	112,418.39	156,520.63	268,939.02	0.007964%																		
745700	745700	15,131.54	21,184.34	36,315.88	0.001075%																		
745800	745808	29,903.91	41,865.63	71,769.54	0.002125%																		
745900	745900	15,959.43	22,343.16	38,302.59	0.001134%																		
746000	746000	13,472.16	18,861.21	32,333.37	0.000958%																		
746100	746100	8,811.15	12,335.28	21,146.43	0.000626%																		
746200	746208	43,774.55	61,284.48	105,059.03	0.003111%																		
746300	746300	30,039.11	42,054.69	72,093.80	0.002135%																		
746400	746400	13,610.01	19,054.07	32,664.08	0.000967%																		
746500	746500	104,716.77	146,603.63	251,320.40	0.007443%																		
746500	980800	90,286.61	125,707.33	215,993.94	0.006396%																		
746600	746600	17,666.66	24,732.84	42,399.50	0.001256%																		
746700	746700	7,516.21	10,522.73	18,038.94	0.000534%																		
746800	746800	45,861.27	64,205.80	110,067.07	0.003260%																		
746900	746908	125,977.47	176,368.51	302,345.98	0.008954%																		
747000	747000	7,757.01	10,860.00	18,617.01	0.000551%																		
747100	747100	11,683.24	16,356.78	28,040.02	0.000830%																		
747200	747200	10,360.74	14,504.68	24,865.42	0.000736%																		
747300	747300	11,316.55	15,843.26	27,159.81	0.000804%																		
747400	747400	8,498.21	11,897.23	20,395.44	0.000604%																		
747500	747500	7,769.59	10,877.62	18,647.21	0.000552%																		
747600	747600	15,577.98	21,809.38	37,387.36	0.001107%																		
747700	747708	19,705.93	27,588.39	47,294.32	0.001401%																		
747800	747808	87,058.02	121,880.73	208,938.75	0.006188%																		
747800	988908	136,941.33	190,664.49	327,605.82	0.009702%																		
747900	747900	31,757.17	44,459.81	76,216.98	0.002257%																		
748000	748000	8,514.45	11,920.14	20,434.59	0.000605%																		
748100	748100	14,998.98	20,998.24	35,997.22	0.001066%																		
748200	748200	8,899.22	12,458.79	21,358.01	0.000632%																		
748300	748300	14,812.84	20,737.67	35,550.51	0.001053%																		
748400	748400	5,785.99	8,100.43	13,886.42	0.000411%																		
748500	748500	4,909.70	6,873.53	11,783.23	0.000349%																		
748600	748600	5,866.16	8,212.72	14,078.88	0.000417%																		
748700	748700	10,511.40	14,715.69	25,227.09	0.000747%																		
748800	748800	5,670.95	7,939.33	13,610.28	0.000403%																		
748900	748900	4,140.24	5,796.12	9,936.36	0.000294%																		
749000	749000	6,608.09	9,251.37	15,859.46	0.000470%																		
749100	749100	9,228.98	12,920.26	22,149.24	0.000656%																		
749200	749200	13,207.51	18,490.16	31,697.67	0.000939%																		
749300	749300	5,636.18	7,890.34	13,526.52	0.000401%																		
749400	749400	10,577.44	14,808.00	25,385.44	0.000752%																		
749500	749500	6,451.48	9,032.12	15,483.60	0.000459%																		
749600	749600	13,104.76	18,346.37	31,451.13	0.000931%																		
749700	749700	6,727.08	9,417.95	16,145.03	0.000478%																		
749800	749800	2,552.40	3,573.24	6,125.64	0.000181%																		
749900	749908	199,414.25	279,179.48	478,593.73	0.014173%																		
749900	981088	4,216.06	5,870.15	10,086.21	0.000299%																		
750000	750008	247,968.11	347,154.92	595,123.03	0.017624%																		
750000	980908	569,550.10	792,989.91	1,362,540.01	0.040350%																		
750100	750108	53,240.89	74,537.27	127,778.16	0.003784%																		
750200	750200	16,391.93	22,948.87	39,340.80	0.001165%																		
750300	750308	163,285.04	228,598.19	391,883.23	0.011605%																		
750300	981008	354,719.77	493,878.30	848,598.07	0.025130%																		
750400	750408	269,470.92	377,258.48	646,729.40	0.019152%																		
750400	981108	446,401.91	621,528.60	1,067,930.51	0.031626%																		
750500	750508	12,573.12	17,602.56	30,175.68	0.000894%																		
750700	750708	76,465.05	107,050.31	183,515.36	0.005435%																		
751000	751008	202,881.37	284,033.43	486,914.80	0.014420%																		
751000	980108	549,725.47	765,387.33	1,315,112.80	0.038946%																		
751100	751100	146,584.70	205,218.14	351,802.84	0.010418%																		

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
751200	751208	88,626.25	124,076.33	212,702.58	0.006299%							907.08	90,893.89	127,250.93	218,144.82
751300	751300	22,528.25	31,539.73	54,067.98	0.001601%							240.00	23,128.25	32,379.73	55,507.98
751400	751400	11,699.81	16,379.98	28,079.79	0.000832%	121.80	170.52	0.000274%					11,821.61	16,550.50	28,372.11
751500	751500	8,917.68	12,484.44	21,402.12	0.000634%			0.000000%					8,917.68	12,484.44	21,402.12
751600	751600	4,100.00	5,740.00	9,840.00	0.000291%			0.000000%					5,882.60	8,235.64	14,118.24
751700	751708	4,934.67	6,908.16	11,842.83	0.000351%			0.000000%	1,782.60	1,782.60	0.002999%	713.04	4,934.67	6,908.16	11,842.83
751800	751800	5,137.68	7,192.44	12,330.12	0.000365%			0.000000%					5,137.68	7,192.44	12,330.12
751900	751900	4,879.44	6,831.00	11,710.44	0.000347%			0.000000%					4,879.44	6,831.00	11,710.44
752000	752000	5,246.12	7,344.29	12,590.41	0.000373%			0.000350%					5,401.72	7,562.13	12,963.85
752200	752200	6,347.58	8,886.30	15,233.88	0.000451%	155.60	217.84	0.000000%					6,347.58	8,886.30	15,233.88
752300	752300	16,751.66	23,452.61	40,204.27	0.001191%			0.000000%					16,751.66	23,452.61	40,204.27
752400	752400	3,332.14	4,665.04	7,997.18	0.000237%			0.000000%					4,190.14	5,866.24	10,056.38
752500	752500	7,253.16	10,154.52	17,407.68	0.000516%			0.000000%	858.00	858.00	0.001443%	343.20	8,500.92	11,901.48	20,402.40
752600	752600	5,027.55	7,038.75	12,066.30	0.000357%			0.000000%	1,247.76	1,247.76	0.002099%	499.20	5,027.55	7,038.75	12,066.30
752700	752700	5,595.48	7,833.36	13,428.84	0.000398%			0.000000%					5,595.48	7,833.36	13,428.84
752800	752800	4,580.87	6,413.02	10,993.89	0.000326%			0.000000%					6,613.35	9,258.38	15,871.73
752900	752900	5,808.48	8,131.56	13,940.04	0.000413%			0.000000%	2,032.48	2,032.40	0.000341%	812.96	5,808.48	8,131.56	13,940.04
753000	753000	5,305.67	7,427.66	12,733.33	0.000377%			0.000000%					5,305.67	7,427.66	12,733.33
753100	753100	6,681.96	9,354.52	16,036.48	0.000475%			0.000000%					6,681.96	9,354.52	16,036.48
753200	753200	5,713.14	7,998.76	13,711.90	0.000406%	1,299.96	1,820.02	0.002920%					7,013.10	9,818.78	16,831.88
753300	753300	6,324.48	8,853.96	15,178.44	0.000449%			0.000000%					6,324.48	8,853.96	15,178.44
753400	753400	6,270.81	8,778.90	15,049.71	0.000446%			0.000000%					6,270.81	8,778.90	15,049.71
753500	753500	2,225.28	3,115.20	5,340.48	0.000158%			0.000000%	2,552.40	2,552.28	0.004294%	1,020.96	4,777.68	6,688.44	11,466.12
753600	753600	5,274.48	7,383.96	12,658.44	0.000375%			0.000000%					5,274.48	7,383.96	12,658.44
753700	753700	6,937.62	9,712.48	16,650.10	0.000493%			0.000000%					6,937.62	9,712.48	16,650.10
753800	753800	8,714.82	12,199.19	20,914.01	0.000619%			0.000000%					8,714.82	12,199.19	20,914.01
753900	753900	10,378.39	14,529.69	24,908.08	0.000738%			0.000000%					10,378.39	14,529.69	24,908.08
754000	754000	5,510.26	7,714.24	13,224.50	0.000392%			0.000000%					5,510.26	7,714.24	13,224.50
754100	754100	7,120.68	9,968.76	17,089.44	0.000506%			0.000000%					7,120.68	9,968.76	17,089.44
754200	754200	5,664.81	7,930.82	13,595.63	0.000403%	965.63	1,351.98	0.002169%					6,630.44	9,282.80	15,913.24
754300	754300	6,042.35	8,459.02	14,501.37	0.000429%			0.000000%					6,042.35	8,459.02	14,501.37
754400	754400	6,149.82	8,609.41	14,759.23	0.000437%			0.000000%					6,149.82	8,609.41	14,759.23
754500	754500	3,285.60	4,599.84	7,885.44	0.000234%			0.000000%					3,285.60	4,599.84	7,885.44
754600	754600	6,775.98	9,486.06	16,262.04	0.000482%			0.000000%					6,775.98	9,486.06	16,262.04
754700	754700	7,181.09	10,053.26	17,234.35	0.000510%			0.000000%					7,181.09	10,053.26	17,234.35
754800	754800	10,716.49	15,002.75	25,719.24	0.000762%			0.000000%					10,716.49	15,002.75	25,719.24
754900	754900	9,163.84	12,829.07	21,992.91	0.000651%			0.000000%					9,163.84	12,829.07	21,992.91
755000	755000	5,274.48	7,383.96	12,658.44	0.000375%			0.000000%					5,274.48	7,383.96	12,658.44
755100	755100	7,723.01	10,812.26	18,535.27	0.000549%			0.000000%					7,723.01	10,812.26	18,535.27
755200	755200	8,962.09	12,546.59	21,508.68	0.000637%			0.000000%					8,962.09	12,546.59	21,508.68
755300	755300	7,948.37	11,127.43	19,075.80	0.000565%			0.000000%					7,948.37	11,127.43	19,075.80
755400	755400	8,932.72	12,505.52	21,438.24	0.000635%			0.000000%					8,932.72	12,505.52	21,438.24
755500	755500	9,131.28	12,783.48	21,914.76	0.000649%			0.000000%					9,131.28	12,783.48	21,914.76
755600	755600	13,698.25	19,177.22	32,875.47	0.000974%			0.000000%					13,698.25	19,177.22	32,875.47
755700	755700	7,147.61	10,005.88	17,153.49	0.000508%			0.000000%					7,147.61	10,005.88	17,153.49
755800	755800	9,200.00	12,879.66	22,079.66	0.000654%			0.000000%	992.65	992.65	0.001670%	396.96	10,192.65	14,269.27	24,461.92
755900	755900	8,158.38	11,421.80	19,580.18	0.000580%			0.000000%					8,158.38	11,421.80	19,580.18
756000	756000	6,477.83	9,068.65	15,546.48	0.000460%			0.000000%					6,477.83	9,068.65	15,546.48
756100	756100	5,776.24	8,086.79	13,863.03	0.000411%			0.000000%					5,776.24	8,086.79	13,863.03
756200	756200	5,458.90	7,642.19	13,101.09	0.000388%			0.000000%					5,458.90	7,642.19	13,101.09
756300	756300	7,741.48	10,838.27	18,579.75	0.000550%			0.000000%					7,741.48	10,838.27	18,579.75
756400	756400	6,558.43	9,182.04	15,740.47	0.000466%			0.000000%					6,558.43	9,182.04	15,740.47
756500	756500	5,478.11	7,669.34	13,147.45	0.000389%			0.000000%					5,478.11	7,669.34	13,147.45
756600	756600	7,053.14	9,874.54	16,927.68	0.000501%			0.000000%					7,053.14	9,874.54	16,927.68
756700	756700	7,943.10	11,120.52	19,063.62	0.000565%			0.000000%					7,943.10	11,120.52	19,063.62
756800	756800	9,428.88	13,200.36	22,629.24	0.000670%			0.000000%					9,428.88	13,200.36	22,629.24
756900	756900	6,790.30	9,506.61	16,296.91	0.000483%			0.000000%					6,790.30	9,506.61	16,296.91
757000	757000	5,968.79	8,355.98	14,324.77	0.000424%			0.000000%					5,968.79	8,355.98	14,324.77
757100	757100	6,080.41	8,512.82	14,593.23	0.000432%			0.000000%	2,183.63	2,183.63	0.003673%	873.37	8,264.04	11,569.82	19,833.86
757200	757200	6,079.92	8,511.72	14,591.64	0.000432%			0.000000%					6,079.92	8,511.72	14,591.64
757300	757300	9,657.38	13,519.99	23,177.37	0.000686%			0.000000%					9,657.38	13,519.99	23,177.37
757400	757400	5,396.62	7,555.11	12,951.73	0.000384%			0.000000%	2,183.60	2,183.60	0.003673%	873.40	7,580.22	10,612.11	18,192.33
757500	757500	4,379.88	6,132.25	10,512.13	0.000311%			0.000000%					4,379.88	6,132.25	10,512.13
757600	757600	3,545.06	4,962.88	8,507.94	0.000252%			0.000000%					3,545.06	4,962.88	8,507.94
757700	757700	4,384.55	6,138.37	10,522.92	0.000312%			0.000000%					4,384.55	6,138.37	10,522.92

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
764400	764400	10,148.19	14,207.39	24,355.58	0.000721%			0.000000%			0.000000%		10,148.19	14,207.39	24,355.58
764500	764500	8,217.60	11,504.37	19,721.97	0.000584%			0.000000%			0.000000%		8,217.60	11,504.37	19,721.97
764600	764600	10,715.63	15,001.69	25,717.32	0.000762%			0.000000%			0.000000%		10,715.63	15,001.69	25,717.32
764700	764700	10,468.39	14,655.47	25,123.86	0.000744%			0.000000%			0.000000%		10,468.39	14,655.47	25,123.86
764800	764800	3,282.28	4,595.07	7,877.35	0.000233%			0.000000%			0.000000%		3,282.28	4,595.07	7,877.35
765000	765000	8,256.47	11,559.09	19,815.56	0.000587%			0.000000%			0.000000%		8,256.47	11,559.09	19,815.56
765100	765100	23,162.14	32,427.05	55,589.19	0.001646%	598.68	838.08	0.001345%	1,247.77	1,247.76	0.002099%	499.20	25,008.59	35,012.09	60,020.68
765100	959230	7,678.95	10,691.46	18,370.41	0.000544%			0.000000%			0.000000%		7,678.95	10,691.46	18,370.41
765200	765200	19,666.75	27,533.33	47,200.08	0.001398%			0.000000%			0.000000%		19,666.75	27,533.33	47,200.08
765300	765300	12,365.83	17,311.87	29,677.70	0.000879%			0.000000%			0.000000%		12,365.83	17,311.87	29,677.70
765400	765400	8,620.11	12,068.21	20,688.32	0.000613%			0.000000%			0.000000%		8,620.11	12,068.21	20,688.32
765500	765500	5,646.12	7,904.28	13,550.40	0.000401%			0.000000%			0.002624%	624.00	7,205.88	10,087.92	17,293.80
765600	765600	9,695.07	13,572.81	23,267.88	0.000689%			0.000000%	1,559.76	1,559.64	0.005155%	1,225.70	12,759.38	17,862.82	30,622.20
765700	765708	40,864.90	57,210.91	98,075.81	0.002904%			0.000000%	3,064.31	3,064.31	0.000194%	46.14	40,980.29	57,372.41	98,352.70
765700	987708	33,699.69	46,920.37	80,620.06	0.002387%			0.000000%	115.39	115.36	0.000000%		33,699.69	46,920.37	80,620.06
765800	765800	10,608.70	14,851.93	25,460.63	0.000754%			0.000000%			0.000000%		10,608.70	14,851.93	25,460.63
765900	765900	14,707.96	20,590.95	35,298.91	0.001045%			0.000000%			0.000000%		14,707.96	20,590.95	35,298.91
766000	766000	10,261.36	14,365.95	24,627.31	0.000729%			0.000000%			0.000000%		10,261.36	14,365.95	24,627.31
766100	766100	11,454.24	16,035.91	27,490.15	0.000814%			0.000000%			0.000000%		11,454.24	16,035.91	27,490.15
766200	766200	12,155.04	17,017.13	29,172.17	0.000864%			0.000000%			0.000000%		12,155.04	17,017.13	29,172.17
766300	766300	27,976.85	39,167.65	67,144.50	0.001988%	760.05	1,064.07	0.001707%			0.000000%		28,736.90	40,231.72	68,968.62
766300	980910	17,519.26	24,392.32	41,911.58	0.001241%			0.000000%			0.000000%		17,519.26	24,392.32	41,911.58
766400	766400	6,318.32	8,845.71	15,164.03	0.000449%			0.000000%			0.000000%		6,318.32	8,845.71	15,164.03
766500	766500	9,878.67	13,829.74	23,708.41	0.000702%			0.000000%			0.000000%		9,878.67	13,829.74	23,708.41
766600	766600	1,638.00	2,293.20	3,931.20	0.000116%			0.000000%			0.000000%		1,638.00	2,293.20	3,931.20
766700	766700	4,980.33	6,972.15	11,952.48	0.000354%			0.000000%	1,559.76	1,559.64	0.002624%	624.00	6,540.09	9,155.79	15,695.88
766800	766800	11,072.87	15,501.70	26,574.57	0.000787%			0.000000%			0.000000%		11,072.87	15,501.70	26,574.57
766900	766908	9,572.50	13,401.53	22,974.03	0.000680%			0.000000%			0.000000%		9,572.50	13,401.53	22,974.03
767000	767000	5,362.05	7,506.96	12,869.01	0.000381%			0.000000%			0.000000%		5,362.05	7,506.96	12,869.01
767100	767100	14,242.86	19,940.02	34,182.88	0.001012%			0.000000%	1,186.17	1,186.21	0.001996%	474.43	15,429.03	21,600.66	37,029.69
767200	767200	11,109.36	15,552.81	26,662.17	0.000790%	4,174.73	5,844.64	0.009378%			0.000000%		15,284.09	21,397.45	36,681.54
767300	767300	8,605.30	12,047.49	20,652.79	0.000612%			0.000000%			0.000000%		8,605.30	12,047.49	20,652.79
767400	767400	8,050.09	11,270.19	19,320.28	0.000572%			0.000000%			0.000000%		8,050.09	11,270.19	19,320.28
767500	767500	9,460.08	13,244.03	22,704.11	0.000672%	1,403.88	1,965.47	0.003154%			0.000000%		10,863.96	15,209.50	26,073.46
767600	767600	5,906.16	8,268.72	14,174.88	0.000420%			0.000000%	537.24	537.24	0.000904%	214.92	6,443.40	9,020.88	15,464.28
767700	767700	10,469.60	14,657.26	25,126.86	0.000744%			0.000000%	2,596.26	2,596.15	0.004367%	1,038.50	13,065.86	18,291.91	31,357.77
767800	767800	8,010.95	11,215.21	19,226.16	0.000569%			0.000000%			0.000000%		8,010.95	11,215.21	19,226.16
767900	767900	11,912.02	16,676.51	28,588.53	0.000847%	1,134.24	1,587.84	0.002548%			0.000000%		13,046.26	18,264.35	31,310.61
768000	768000	5,235.64	7,329.56	12,565.20	0.000372%			0.000000%	541.92	541.86	0.000912%	216.80	5,777.56	8,088.22	13,865.78
768100	768100	10,061.92	14,086.41	24,148.33	0.000715%			0.000000%			0.000000%		10,061.92	14,086.41	24,148.33
768200	768200	7,756.00	10,858.33	18,614.33	0.000551%	470.40	658.56	0.001057%			0.000000%		8,226.40	11,516.89	19,743.29
768300	768300	10,925.47	15,295.51	26,220.98	0.000777%			0.000000%	992.64	992.64	0.001670%	396.96	11,918.11	16,685.11	28,603.22
768400	768400	8,602.91	12,044.11	20,647.02	0.000611%			0.000000%	889.20	889.20	0.001496%	355.68	9,492.11	13,288.99	22,781.10
768500	768500	6,193.50	8,670.94	14,864.44	0.000440%			0.000000%	11.53	11.53	0.000019%	4.61	6,205.03	8,687.08	14,892.11
768600	768608	143,656.41	201,118.65	344,775.06	0.010210%	12,887.89	18,043.04	0.028952%	7,991.01	7,991.03	0.013443%	3,196.33	164,535.31	230,349.05	394,884.36
768800	768800	28,817.47	40,344.48	69,161.95	0.002048%	1,679.11	2,350.72	0.003772%			0.000000%		30,496.58	42,695.20	73,191.78
768900	768900	125,345.79	175,483.23	300,829.02	0.008909%	5,543.07	7,760.27	0.012452%			0.000000%		130,888.86	183,243.50	314,132.36
768900	986500	167,938.06	233,821.56	401,759.62	0.011898%			0.000000%			0.000000%		167,938.06	233,821.56	401,759.62
769100	769100	29,343.60	41,080.63	70,424.23	0.002086%			0.000000%	2,873.90	2,873.87	0.004835%	1,149.60	32,217.50	45,104.10	77,321.60
769100	769108	45,282.11	63,394.93	108,677.04	0.003218%	5,836.35	8,170.89	0.013111%			0.000000%		51,118.46	71,565.82	122,684.28
769200	769208	67,561.69	94,586.29	162,147.98	0.004802%			0.000000%	79.85	79.85	0.000134%	31.94	67,641.54	94,698.08	162,339.62
769400	769400	3,668.13	5,135.43	8,803.56	0.000261%			0.000000%	936.00	936.00	0.001575%	374.40	4,604.13	6,445.83	11,049.96
769500	769500	4,138.60	5,794.31	9,932.91	0.000294%			0.000000%			0.000000%		4,138.60	5,794.31	9,932.91
769600	769600	6,953.56	9,735.08	16,688.64	0.000494%			0.000000%			0.000000%		6,953.56	9,735.08	16,688.64
769700	769700	9,487.32	13,281.91	22,769.23	0.000674%			0.000000%			0.000000%		9,487.32	13,281.91	22,769.23
769800	769800	4,743.18	6,640.32	11,383.50	0.000337%			0.000000%			0.000000%		4,743.18	6,640.32	11,383.50
769900	769900	4,276.64	5,987.02	10,263.66	0.000304%	1,164.65	1,630.40	0.002616%			0.000000%		5,441.29	7,617.42	13,058.71
770000	770000	4,549.04	6,368.78	10,917.82	0.000323%			0.000000%			0.000000%		4,549.04	6,368.78	10,917.82
770100	770100	6,070.78	8,498.78	14,569.56	0.000431%			0.000000%			0.000000%		6,070.78	8,498.78	14,569.56
770200	770200	7,094.92	9,933.08	17,028.00	0.000504%			0.000000%			0.000000%		7,094.92	9,933.08	17,028.00
770200	770208	4,082.04	5,714.88	9,796.92	0.000290%			0.000000%			0.000000%		4,082.04	5,714.88	9,796.92
770300	770300	4,211.88	5,896.68	10,108.56	0.000299%			0.000000%			0.000000%		4,211.88	5,896.68	10,108.56
770400	770400	9,622.27	13,470.87	23,093.14	0.000684%			0.000000%			0.000000%		9,622.27	13,470.87	23,093.14
770500	770500	5,499.18	7,698.55	13,197.73	0.000391%			0.000000%			0.000000%		5,499.18	7,698.55	13,197.73
770600	770600	5,291.88	7,408.68	12,700.56	0.000376%			0.000000%			0.000000%		5,291.88	7,408.68	12,700.56

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions	
770700	770700	5,869.54	8,217.06	14,086.60	0.000417%			0.000000%						5,869.54	8,217.06	14,086.60
770800	770800	10,359.95	14,503.66	24,863.61	0.000736%			0.000000%						10,359.95	14,503.66	24,863.61
770900	770900	7,942.88	11,120.08	19,062.96	0.000565%			0.000000%						7,942.88	11,120.08	19,062.96
771000	771008	6,623.20	9,272.21	15,895.41	0.000471%			0.000000%						6,623.20	9,272.21	15,895.41
771100	771100	14,331.74	20,064.12	34,395.86	0.001019%			0.000000%						14,331.74	20,064.12	34,395.86
771200	771200	34,886.67	48,841.10	83,727.77	0.002480%	2,267.64	3,174.61	0.005094%						37,154.31	52,015.71	89,170.02
771300	771300	5,873.68	8,222.84	14,096.52	0.000417%			0.000000%						5,873.68	8,222.84	14,096.52
771400	771400	10,732.38	15,025.02	25,757.40	0.000763%			0.000000%						10,732.38	15,025.02	25,757.40
771500	771508	36,784.21	51,497.56	88,281.77	0.002614%	2,267.63	3,174.62	0.005094%						39,051.84	54,672.18	93,724.02
771600	771600	12,077.13	16,907.66	28,984.79	0.000858%			0.000000%						12,077.13	16,907.66	28,984.79
771700	771700	23,694.49	33,172.40	56,866.89	0.001684%			0.000000%						23,694.49	33,172.40	56,866.89
771800	771800	14,250.11	19,949.79	34,199.90	0.001013%			0.000000%						14,250.11	19,949.79	34,199.90
771900	771900	9,645.95	13,504.07	23,150.02	0.000686%			0.000000%						9,645.95	13,504.07	23,150.02
772000	772000	15,744.00	22,041.67	37,785.67	0.001119%			0.000000%	1,247.76	1,247.76	0.002099%	499.20	16,991.76	23,788.63	40,780.39	
772100	772100	3,710.41	5,194.55	8,904.96	0.000264%			0.000000%	1,434.24	1,434.24	0.002413%	573.60	5,144.65	7,202.39	12,347.04	
772200	772200	12,898.82	18,058.59	30,957.41	0.000917%	2,939.64	4,115.40	0.006603%						15,838.46	22,173.99	38,012.45
772400	772400	12,256.96	17,160.04	29,417.00	0.000871%			0.000000%						12,256.96	17,160.04	29,417.00
772500	772500	10,611.69	14,856.23	25,467.92	0.000754%	2,268.48	3,175.68	0.005096%						12,880.17	18,031.91	30,912.08
772600	772600	12,099.82	16,939.44	29,039.26	0.000860%			0.000000%						12,099.82	16,939.44	29,039.26
772700	772700	15,359.34	21,503.22	36,862.56	0.001092%			0.000000%						15,359.34	21,503.22	36,862.56
772800	772800	15,752.07	22,053.06	37,805.13	0.001120%			0.000000%						15,752.07	22,053.06	37,805.13
772900	772900	21,280.15	29,792.21	51,072.36	0.001512%			0.000000%						21,280.15	29,792.21	51,072.36
773000	773000	7,751.73	10,852.47	18,604.20	0.000551%	936.00	1,310.40	0.002103%						8,687.73	12,162.87	20,850.60
773100	773100	14,619.40	20,467.32	35,086.72	0.001039%			0.000000%						14,619.40	20,467.32	35,086.72
773200	773200	22,383.80	31,337.55	53,721.35	0.001591%	1,188.36	1,663.78	0.002670%						23,572.16	33,001.33	56,573.49
773200	988700	3,752.50	5,224.62	8,977.12	0.000266%			0.000000%						3,752.50	5,224.62	8,977.12
773300	773300	8,094.11	11,331.48	19,425.59	0.000575%			0.000000%						8,094.11	11,331.48	19,425.59
773400	773400	5,274.48	7,383.96	12,658.44	0.000375%			0.000000%						5,274.48	7,383.96	12,658.44
773500	773500	3,997.08	5,595.72	9,592.80	0.000284%	1,134.24	1,587.84	0.002548%						5,131.32	7,183.56	12,314.88
773600	773600	5,641.63	7,897.97	13,539.60	0.000401%			0.000000%	270.50	270.55	0.000455%	108.15	5,912.13	8,276.67	14,188.80	
773700	773700	7,109.66	9,953.81	17,063.47	0.000505%			0.000000%						7,109.66	9,953.81	17,063.47
773800	773800	3,393.32	4,750.84	8,144.16	0.000241%	3,932.90	5,472.68	0.008781%					33.36	7,326.22	10,256.88	17,583.10
773900	773900	6,983.59	9,776.70	16,760.29	0.000496%			0.000000%						6,983.59	9,776.70	16,760.29
774000	774000	8,900.40	12,460.31	21,360.71	0.000633%			0.000000%						8,900.40	12,460.31	21,360.71
774100	774100	5,334.48	7,467.96	12,802.44	0.000379%			0.000000%						5,454.48	7,635.96	13,090.44
774200	774200	4,907.28	6,870.36	11,777.64	0.000349%	1,247.76	1,746.94	0.002803%	120.00	120.00	0.000202%	48.00	6,155.04	8,617.30	14,772.34	
774200	774208	912.00	1,276.80	2,188.80	0.000065%			0.000000%						912.00	1,276.80	2,188.80
774300	774300	14,760.60	20,664.63	35,425.23	0.001049%			0.000000%						14,760.60	20,664.63	35,425.23
774400	774400	3,957.50	5,540.38	9,497.88	0.000281%			0.000000%						3,957.50	5,540.38	9,497.88
774500	774500	10,190.32	14,266.28	24,456.60	0.000724%			0.000000%						10,190.32	14,266.28	24,456.60
774600	774600	5,622.87	7,872.10	13,494.97	0.000400%	4,716.75	6,603.46	0.010596%	40.00	40.00	0.000067%	16.00	10,379.62	14,531.56	24,911.18	
774700	774700	12,802.29	17,923.38	30,725.67	0.000910%			0.000000%						12,802.29	17,923.38	30,725.67
774800	774800	3,617.88	5,065.08	8,682.96	0.000257%			0.000000%	583.13	583.14	0.000981%	233.24	4,201.01	5,881.46	10,082.47	
774900	774900	14,266.57	19,973.29	34,239.86	0.001014%			0.000000%	2,148.36	2,148.36	0.003614%	859.44	16,414.93	22,981.09	39,396.02	
774900	959500	5,227.20	7,277.87	12,505.07	0.000370%			0.000000%						5,227.20	7,277.87	12,505.07
775000	775000	7,496.02	10,494.11	17,990.13	0.000533%			0.000000%						7,496.02	10,494.11	17,990.13
775100	775108	23,175.93	32,446.47	55,622.40	0.001647%			0.000000%						23,175.93	32,446.47	55,622.40
775500	775500	11,288.48	15,803.54	27,092.02	0.000802%			0.000000%						11,288.48	15,803.54	27,092.02
775700	775700	12,847.59	17,986.38	30,833.97	0.000913%			0.000000%						12,847.59	17,986.38	30,833.97
775800	775800	12,111.96	16,957.00	29,068.96	0.000861%			0.000000%						12,111.96	16,957.00	29,068.96
775900	775908	23,573.99	33,003.91	56,577.90	0.001676%			0.000000%						23,573.99	33,003.91	56,577.90
776000	776000	36,376.20	50,926.90	87,303.10	0.002585%	5,263.98	7,369.55	0.011825%	2,339.64	2,339.64	0.003936%	935.76	43,979.82	61,571.85	105,551.67	
776100	776100	24,587.99	34,424.39	59,012.38	0.001748%	1,247.76	1,746.96	0.002803%				(1.26)	25,835.75	36,170.09	62,005.84	
776200	776200	14,430.36	20,202.71	34,633.07	0.001026%	764.00	1,069.60	0.001716%	2,183.64	2,183.66	0.003674%	873.40	17,378.00	24,329.37	41,707.37	
776300	776300	14,645.91	20,504.36	35,150.27	0.001041%	3,939.74	5,515.63	0.008850%	1,345.51	1,345.51	0.002264%	538.30	19,931.16	27,903.80	47,834.96	
776400	776400	11,267.58	15,774.30	27,041.88	0.000801%			0.000000%						11,267.58	15,774.30	27,041.88
776500	776508	12,687.80	17,762.72	30,450.52	0.000902%			0.000000%	122.10	122.13	0.000205%	48.81	12,809.90	17,933.66	30,743.56	
776600	776600	36,446.12	51,024.65	87,470.77	0.002590%	1,329.12	1,860.77	0.002986%						37,775.24	52,885.42	90,660.66
776600	776608	11,839.85	16,575.77	28,415.62	0.000842%			0.000000%						11,839.85	16,575.77	28,415.62
776700	776700	9,215.31	12,901.09	22,116.40	0.000655%			0.000000%						9,215.31	12,901.09	22,116.40
776800	776800	10,918.32	15,285.30	26,203.62	0.000776%			0.000000%	370.81	370.78	0.000624%	148.34	11,289.13	15,804.42	27,093.55	
777000	777000	6,419.81	8,987.77	15,407.58	0.000456%			0.000000%						6,419.81	8,987.77	15,407.58
777100	777100	25,894.41	36,252.04	62,146.45	0.001840%			0.000000%	675.21	675.21	0.001136%	270.07	26,569.62	37,197.32	63,766.94	
777200	777200	-	-	-	0.000000%			0.000000%						-	-	-
777200	777208	26,955.20	37,632.70	64,587.90	0.001913%			0.000000%					103.70	26,955.20	37,736.40	64,691.60

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)				
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions		
777300	777300	5,498.13	7,697.07	13,195.20	0.000391%												
777500	777500	6,689.70	9,365.62	16,055.32	0.000475%												
777600	777600	20,227.73	28,318.85	48,546.58	0.001438%												
777700	777700	55,449.93	77,629.87	133,079.80	0.003941%												
777900	777900	22,376.29	31,327.01	53,703.30	0.001590%												
778000	778000	10,380.74	14,532.80	24,913.54	0.000738%												
778100	778100	11,134.34	15,588.26	26,722.60	0.000791%												
778200	778208	92,516.74	129,523.45	222,040.19	0.006576%												
778300	778300	13,073.77	18,303.48	31,377.25	0.000929%												
778400	778408	269,522.01	377,330.30	646,852.31	0.019156%												
778400	982208	444,653.52	619,094.25	1,063,747.77	0.031502%												
778500	778500	33,682.05	47,174.65	80,856.70	0.002394%												
778500	980880	33,225.58	46,260.23	79,485.81	0.002354%												
778600	778600	8,370.04	11,718.07	20,088.11	0.000595%												
778600	987100	29,467.50	41,027.80	70,495.30	0.002088%												
778800	778800	4,909.51	6,873.16	11,782.67	0.000349%												
778900	778900	14,357.29	20,099.94	34,457.23	0.001020%												
779000	779000	10,090.19	14,125.92	24,216.11	0.000717%												
779100	779100	7,087.84	9,922.69	17,010.53	0.000504%												
779200	779200	18,890.53	26,446.88	45,337.41	0.001343%												
779300	779300	3,249.60	4,549.27	7,798.87	0.000231%												
779400	779400	4,759.53	6,663.43	11,422.96	0.000338%												
779500	779500	9,660.09	13,523.88	23,183.97	0.000687%												
779600	779600	6,469.43	9,056.84	15,526.27	0.000460%												
779700	779700	5,362.20	7,506.76	12,868.96	0.000381%												
779800	779800	7,722.58	10,811.36	18,533.94	0.000549%												
779900	779900	11,894.86	16,652.54	28,547.40	0.000845%												
780000	780000	8,794.44	12,306.84	21,101.28	0.000625%												
780100	780100	9,359.88	13,103.87	22,463.75	0.000665%												
780200	780208	268,084.21	375,317.77	643,401.98	0.019054%												
780200	985808	361,528.74	503,358.15	864,886.89	0.025613%												
780300	780300	75,961.08	106,345.56	182,306.64	0.005399%												
780300	985700	91,110.50	126,853.83	217,964.33	0.006455%												
780400	780400	10,061.34	14,085.51	24,146.85	0.000715%												
780500	780500	9,909.32	13,872.72	23,782.04	0.000704%												
780500	780508	291,494.41	408,092.34	699,586.75	0.020718%												
780500	982708	560,055.35	779,769.04	1,339,824.39	0.039678%												
780600	780608	30,327.40	42,458.50	72,785.90	0.002155%												
780700	780700	16,710.50	23,394.24	40,104.74	0.001188%												
780700	988200	15,429.42	21,482.31	36,911.73	0.001093%												
780800	780800	10,018.98	14,026.26	24,045.24	0.000712%												
780900	780908	23,947.18	33,526.13	57,473.31	0.001702%												
780900	982608	45,118.92	62,819.34	107,938.26	0.003196%												
781000	781008	19,589.60	27,425.65	47,015.25	0.001392%												
781100	781100	15,209.41	21,293.24	36,502.65	0.001081%												
781100	987900	29,586.61	41,193.61	70,780.22	0.002096%												
781200	781200	14,765.32	20,671.68	35,437.00	0.001049%												
781200	986100	16,654.33	23,187.94	39,842.27	0.001180%												
781300	781300	58,258.21	81,561.51	139,819.72	0.004141%												
781300	981200	94,611.61	131,728.40	226,340.01	0.006703%												
781400	781408	20,781.32	29,093.48	49,874.80	0.001477%												
781400	986008	19,230.64	26,775.00	46,005.64	0.001362%												
781500	781508	24,473.63	34,263.12	58,736.75	0.001739%												
781500	985208	70,788.85	98,559.69	169,348.54	0.005015%												
781600	781600	2,808.00	3,931.20	6,739.20	0.000200%												
781700	781700	2,883.26	4,036.44	6,919.70	0.000205%												
781800	781800	13,334.29	18,667.71	32,002.00	0.000948%												
781900	781900	3,641.97	5,098.73	8,740.70	0.000259%												
782000	782000	5,663.19	7,928.25	13,591.44	0.000402%												
782100	782100	5,890.77	8,247.07	14,137.84	0.000419%												
782200	782200	18,062.01	25,287.06	43,349.07	0.001284%												
782300	782300	8,269.29	11,576.83	19,846.12	0.000588%												
782400	782400	8,614.96	12,060.61	20,675.57	0.000612%												
782500	782500	10,191.63	14,267.97	24,459.60	0.000724%												
782600	782600	6,135.27	8,589.06	14,724.33	0.000436%												

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
782700	782700	5,623.73	7,873.01	13,496.74	0.000400%			0.000000%					5,623.73	7,873.01	13,496.74
782800	782800	4,454.63	6,236.53	10,691.16	0.000317%			0.000000%					4,454.63	6,236.53	10,691.16
782900	782900	4,937.68	6,912.47	11,850.15	0.000351%			0.000000%					4,937.68	6,912.47	11,850.15
783000	783000	9,128.71	12,779.86	21,908.57	0.000649%			0.000000%					9,128.71	12,779.86	21,908.57
783100	783108	54,867.94	76,814.75	131,682.69	0.003900%			0.000000%					54,867.94	76,814.75	131,682.69
783100	989108	107,775.57	150,056.33	257,831.90	0.007635%			0.000000%					107,775.57	150,056.33	257,831.90
783200	783200	12,696.74	17,775.22	30,471.96	0.000902%			0.000000%					12,696.74	17,775.22	30,471.96
783300	783300	13,104.03	18,345.81	31,449.84	0.000931%			0.000000%					13,104.03	18,345.81	31,449.84
783400	783400	44,864.07	62,809.81	107,673.88	0.003189%			0.000000%					44,864.07	62,809.81	107,673.88
783500	783500	14,098.85	19,738.60	33,837.45	0.001002%	53.63	75.08	0.000000%	1,302.42	1,302.46	0.002191%	520.94	14,098.85	19,738.60	33,837.45
783600	783600	45,201.52	63,282.21	108,483.73	0.003213%			0.000000%					45,201.52	63,282.21	108,483.73
783600	982100	76,715.35	106,811.18	183,526.53	0.005435%			0.000000%					76,715.35	106,811.18	183,526.53
783700	783700	11,015.31	15,421.49	26,436.80	0.000783%			0.000000%					11,015.31	15,421.49	26,436.80
783800	783800	36,479.94	51,072.02	87,551.96	0.002593%			0.000000%					36,479.94	51,072.02	87,551.96
783900	783908	16,010.36	22,414.64	38,425.00	0.001138%			0.000000%					16,010.36	22,414.64	38,425.00
784000	784000	24,032.23	33,645.21	57,677.44	0.001708%			0.000000%					24,032.23	33,645.21	57,677.44
784100	784100	47,556.33	66,578.93	114,135.26	0.003380%			0.000000%					47,556.33	66,578.93	114,135.26
784100	980770	81,477.34	113,441.55	194,918.89	0.005772%			0.000000%					81,477.34	113,441.55	194,918.89
784200	784208	47,924.34	67,093.76	115,018.10	0.003406%	7,518.75	10,526.17	0.016890%	1,592.74	1,592.74	0.002679%	637.08	47,924.34	67,093.76	115,018.10
784200	983008	136,572.76	190,151.29	326,724.05	0.009676%			0.000000%					136,572.76	190,151.29	326,724.05
784300	784300	23,755.23	33,257.53	57,012.76	0.001688%			0.000000%					23,755.23	33,257.53	57,012.76
784400	784400	12,971.83	18,160.39	31,132.22	0.000922%			0.000000%					12,971.83	18,160.39	31,132.22
784500	784500	15,339.13	21,474.89	36,814.02	0.001090%			0.000000%					15,339.13	21,474.89	36,814.02
784600	784600	13,598.35	19,037.80	32,636.15	0.000966%			0.000000%					13,598.35	19,037.80	32,636.15
784700	784708	12,904.88	18,067.05	30,971.93	0.000917%	2,183.62	3,057.00	0.004905%	5,788.21	5,788.24	0.009737%	2,315.28	12,904.88	18,067.05	30,971.93
784800	784800	6,015.63	8,421.93	14,437.56	0.000428%			0.000000%					6,015.63	8,421.93	14,437.56
784900	784900	9,804.65	13,726.18	23,530.83	0.000697%			0.000000%					9,804.65	13,726.18	23,530.83
785000	785000	8,525.81	11,936.09	20,461.90	0.000606%			0.000000%					8,525.81	11,936.09	20,461.90
785100	785100	9,037.49	12,652.53	21,690.02	0.000642%			0.000000%					9,037.49	12,652.53	21,690.02
785200	785200	7,043.37	9,860.77	16,904.14	0.000501%			0.000000%					7,043.37	9,860.77	16,904.14
785300	785300	7,582.18	10,614.86	18,197.04	0.000539%			0.000000%					7,582.18	10,614.86	18,197.04
785400	785400	2,445.49	3,423.73	5,869.22	0.000174%			0.000000%					2,445.49	3,423.73	5,869.22
785500	785500	8,624.37	12,074.15	20,698.52	0.000613%			0.000000%					8,624.37	12,074.15	20,698.52
785600	785600	6,393.38	8,950.78	15,344.16	0.000454%			0.000000%					6,393.38	8,950.78	15,344.16
785700	785700	7,126.43	9,977.05	17,103.48	0.000507%			0.000000%					7,126.43	9,977.05	17,103.48
785800	785800	7,822.29	10,951.25	18,773.54	0.000556%			0.000000%					7,822.29	10,951.25	18,773.54
785900	785900	5,322.14	7,450.98	12,773.12	0.000378%	1,991.45	2,788.03	0.004474%					5,322.14	7,450.98	12,773.12
786000	786000	4,211.88	5,896.68	10,108.56	0.000299%			0.000000%					4,211.88	5,896.68	10,108.56
786100	786100	5,930.85	8,303.18	14,234.03	0.000422%			0.000000%					5,930.85	8,303.18	14,234.03
786200	786200	5,076.50	7,107.10	12,183.60	0.000361%			0.000000%					5,076.50	7,107.10	12,183.60
786300	786300	7,853.04	10,853.43	18,706.47	0.000554%			0.000000%					7,853.04	10,853.43	18,706.47
786400	786400	8,574.93	12,004.59	20,579.52	0.000609%			0.000000%					8,574.93	12,004.59	20,579.52
786500	786500	4,211.40	5,895.96	10,107.36	0.000299%			0.000000%					4,211.40	5,895.96	10,107.36
786600	786600	5,263.68	7,368.84	12,632.52	0.000374%			0.000000%					5,263.68	7,368.84	12,632.52
786700	786708	4,983.98	6,977.26	11,961.24	0.000354%			0.000000%					4,983.98	6,977.26	11,961.24
786800	786800	5,926.95	8,297.89	14,224.84	0.000421%			0.000000%					5,926.95	8,297.89	14,224.84
786900	786900	1,985.28	2,779.20	4,764.48	0.000141%	992.64	1,389.60	0.002230%	1,559.76	1,559.64	0.002624%	624.00	1,985.28	2,779.20	4,764.48
787000	787000	7,251.09	10,151.21	17,402.30	0.000515%			0.000000%					7,251.09	10,151.21	17,402.30
787100	787100	2,763.36	3,868.80	6,632.16	0.000196%	1,337.04	1,871.78	0.003003%					2,763.36	3,868.80	6,632.16
787200	787200	4,211.88	5,896.68	10,108.56	0.000299%			0.000000%					4,211.88	5,896.68	10,108.56
787300	787300	4,537.64	6,352.46	10,890.10	0.000323%			0.000000%					4,537.64	6,352.46	10,890.10
787400	787400	18,881.97	26,435.06	45,317.03	0.001342%			0.000000%					18,881.97	26,435.06	45,317.03
787500	787500	9,083.57	12,717.15	21,800.72	0.000646%			0.000000%					9,083.57	12,717.15	21,800.72
787600	787600	21,959.79	30,743.89	52,703.68	0.001561%			0.000000%					21,959.79	30,743.89	52,703.68
787700	787700	19,392.40	27,148.62	46,541.02	0.001378%			0.000000%					19,392.40	27,148.62	46,541.02
787800	787800	5,029.23	7,040.84	12,070.07	0.000357%	1,247.80	1,746.92	0.002803%					5,029.23	7,040.84	12,070.07
787900	787908	32,022.34	44,831.39	76,853.73	0.002276%			0.000000%					32,022.34	44,831.39	76,853.73
788000	788000	13,498.10	18,897.09	32,395.19	0.000959%	1,134.23	1,587.84	0.002548%					13,498.10	18,897.09	32,395.19
788100	788100	2,365.33	3,311.27	5,676.60	0.000168%	1,134.24	1,587.84	0.002548%	1,871.76	1,871.76	0.003149%	748.68	2,365.33	3,311.27	5,676.60
788200	788200	3,402.72	4,763.52	8,166.24	0.000242%			0.000000%					3,402.72	4,763.52	8,166.24
788300	788300	5,926.94	8,297.88	14,224.82	0.000421%			0.000000%					5,926.94	8,297.88	14,224.82
788400	788400	21,965.45	30,751.39	52,716.84	0.001561%			0.000000%					21,965.45	30,751.39	52,716.84
788500	788500	5,274.48	7,384.32	12,658.80	0.000375%			0.000000%					5,274.48	7,384.32	12,658.80
788600	788600	5,000.13	7,000.22	12,000.35	0.000355%			0.000000%					5,000.13	7,000.22	12,000.35
788700	788700	3,516.48	4,923.00	8,439.48	0.000250%			0.000000%					3,516.48	4,923.00	8,439.48

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)			
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions	
788800	788800	2,977.92	4,168.83	7,146.75	0.000212%							624.00	4,537.68	6,352.47	10,890.15	
788900	788900	9,609.48	13,452.96	23,062.44	0.000683%								9,609.48	13,452.96	23,062.44	
789000	789000	3,164.40	4,430.16	7,594.56	0.000225%								4,100.40	5,740.56	9,840.96	
789100	789100	6,703.39	9,384.79	16,088.18	0.000476%								6,703.39	9,384.79	16,088.18	
789200	789200	4,376.88	6,127.68	10,504.56	0.000311%								4,376.88	6,127.68	10,504.56	
789300	789300	7,712.47	10,797.16	18,509.63	0.000548%								7,712.47	10,797.16	18,509.63	
789400	789400	4,901.92	6,862.72	11,764.64	0.000348%								4,901.92	6,862.72	11,764.64	
789500	789500	9,914.25	13,880.13	23,794.38	0.000705%								9,914.25	13,880.13	23,794.38	
789600	789600	5,290.07	7,406.10	12,696.17	0.000376%								5,290.07	7,406.10	12,696.17	
789700	789700	10,388.55	14,544.11	24,932.66	0.000738%								10,388.55	14,544.11	24,932.66	
789800	789800	5,471.00	7,659.01	13,130.01	0.000389%								5,471.00	7,659.01	13,130.01	
789900	789900	4,444.98	6,222.99	10,667.97	0.000316%								4,444.98	6,222.99	10,667.97	
790000	790000	9,298.34	13,017.68	22,316.02	0.000661%								9,298.34	13,017.68	22,316.02	
790100	790100	10,479.01	14,670.90	25,149.91	0.000745%								10,479.01	14,670.90	25,149.91	
790200	790200	4,211.88	5,896.68	10,108.56	0.000299%								4,211.88	5,896.68	10,108.56	
790300	790300	2,054.76	2,876.76	4,931.52	0.000146%								2,054.76	2,876.76	4,931.52	
790400	790400	97,418.68	136,385.42	233,804.10	0.006924%								97,418.68	136,385.42	233,804.10	
790400	981500	158,480.24	220,652.84	379,133.08	0.011228%								158,480.24	220,652.84	379,133.08	
790500	790508	30,351.88	42,492.72	72,844.60	0.002157%								30,351.88	42,492.72	72,844.60	
790500	981408	26,234.73	36,526.80	62,761.53	0.001859%								26,234.73	36,526.80	62,761.53	
790600	790600	21,249.01	29,748.09	50,997.10	0.001510%								21,249.01	29,748.09	50,997.10	
790600	989000	42,749.55	59,520.53	102,270.08	0.003029%								42,749.55	59,520.53	102,270.08	
790700	790700	2,788.41	3,903.76	6,692.17	0.000198%								2,788.41	3,903.76	6,692.17	
790700	790708	163,310.48	228,634.77	391,945.25	0.011607%	3,106.44	4,348.92	0.006978%	4,275.01	4,274.94	0.007192%	1,710.11	170,691.93	238,968.74	409,660.67	
790800	790800	56,029.06	55,773.88	111,802.94	0.003311%							23,595.23	56,029.06	79,369.11	135,398.17	
790800	790808	(31,382.07)	(21,268.24)	(52,650.31)	-0.001559%	585.44	819.59	0.001315%	146.52	146.54	0.000247%	(23,536.64)	(30,650.11)	(43,838.75)	(74,488.86)	
790800	981600	(979.68)	(1,225.99)	(2,205.67)	-0.000065%							(152.29)	(979.68)	(1,378.28)	(2,357.96)	
790800	981608	31,077.59	43,131.53	74,209.12	0.002198%							152.29	31,077.59	43,283.82	74,361.41	
790900	790900	38,440.64	53,817.20	92,257.84	0.002732%								38,440.64	53,817.20	92,257.84	
791200	791208	226,379.04	316,929.81	543,308.85	0.016090%	5,692.25	7,969.17	0.012787%	11,248.03	11,248.14	0.018923%	4,499.26	243,319.32	340,646.38	583,965.70	
791200	883108				0.000000%											
791200	983108	389,890.59	542,847.36	932,737.95	0.027622%								389,890.59	542,847.36	932,737.95	
791400	791408	20,740.96	29,037.43	49,778.39	0.001474%							597.21	22,233.99	31,127.66	53,361.65	
791400	986808	16,541.79	23,031.20	39,572.99	0.001172%								16,541.79	23,031.20	39,572.99	
791700	791708	427,237.07	598,129.16	1,025,366.23	0.030365%	6,527.83	9,139.00	0.014664%	30,929.57	30,929.43	0.052032%	12,371.85	464,694.47	650,569.44	1,115,263.91	
791900	791900	5,244.70	7,342.63	12,587.33	0.000373%								5,244.70	7,342.63	12,587.33	
792000	792000	5,550.42	7,770.29	13,320.71	0.000394%								5,550.42	7,770.29	13,320.71	
792100	792100	9,329.76	13,062.00	22,391.76	0.000663%								9,329.76	13,062.00	22,391.76	
792200	792200	5,211.34	7,295.92	12,507.26	0.000370%								5,211.34	7,295.92	12,507.26	
792300	792300	7,192.56	10,069.56	17,262.12	0.000511%								7,192.56	10,069.56	17,262.12	
792400	792400	6,843.86	9,581.34	16,425.20	0.000486%								6,843.86	9,581.34	16,425.20	
792500	792500	6,107.52	8,550.52	14,658.04	0.000434%								6,107.52	8,550.52	14,658.04	
792600	792600	6,653.68	9,315.20	15,968.88	0.000473%								6,653.68	9,315.20	15,968.88	
792700	792700	5,229.95	7,321.97	12,551.92	0.000372%	936.00	1,310.40	0.002103%					6,165.95	8,632.37	14,798.32	
792800	792800	5,676.23	7,946.50	13,622.73	0.000403%								5,676.23	7,946.50	13,622.73	
792900	792900	6,094.43	8,532.25	14,626.68	0.000433%								6,094.43	8,532.25	14,626.68	
793000	793000	5,195.28	7,273.44	12,468.72	0.000369%								5,195.28	7,273.44	12,468.72	
793100	793100	6,517.03	9,123.79	15,640.82	0.000463%								6,517.03	9,123.79	15,640.82	
793200	793200	4,586.55	6,421.24	11,007.79	0.000326%								4,586.55	6,421.24	11,007.79	
793300	793300	6,594.48	9,231.96	15,826.44	0.000469%								6,594.48	9,231.96	15,826.44	
793400	793400	4,537.65	6,352.44	10,890.09	0.000322%								4,537.65	6,352.44	10,890.09	
793500	793500	7,016.57	9,822.86	16,839.43	0.000499%								7,573.85	10,603.10	18,176.95	
793600	793608	8,575.90	12,005.94	20,581.84	0.000610%							222.96	8,575.90	12,005.94	20,581.84	
793700	793700	5,168.72	7,236.04	12,404.76	0.000367%								5,168.72	7,236.04	12,404.76	
793800	793800	5,946.26	8,324.45	14,270.71	0.000423%								5,946.26	8,324.45	14,270.71	
793900	793900	6,881.67	9,634.02	16,515.69	0.000489%								6,881.67	9,634.02	16,515.69	
794000	794000	4,474.44	6,264.24	10,738.68	0.000318%								4,474.44	6,264.24	10,738.68	
794100	794100	8,472.48	11,861.16	20,333.64	0.000602%								8,472.48	11,861.16	20,333.64	
794200	794200	4,537.68	6,352.56	10,890.24	0.000323%								4,537.68	6,352.56	10,890.24	
794300	794300	5,351.13	7,491.63	12,842.76	0.000380%								5,351.13	7,491.63	12,842.76	
794400	794400	5,151.70	7,212.38	12,364.08	0.000366%								5,151.70	7,212.38	12,364.08	
794500	794500	900.00	1,260.00	2,160.00	0.000064%	2,458.80	3,442.32	0.005523%	663.00	663.00	0.001115%	265.20	4,021.80	5,630.52	9,652.32	
794600	794600	7,783.72	10,897.01	18,680.73	0.000553%				1,134.24	1,134.24	0.001908%	453.61	8,917.96	12,484.86	21,402.82	
794700	794700	4,984.53	6,978.39	11,962.92	0.000354%				2,220.00	2,220.00	0.003735%	888.00	7,204.53	10,086.39	17,290.92	
794800	794800	6,528.98	9,140.26	15,669.24	0.000464%								6,528.98	9,140.26	15,669.24	

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
794900	794900	5,811.56	8,135.90	13,947.46	0.000413%				800.01	800.00	0.001346%	319.92	6,611.57	9,255.82	15,867.39
795000	795000	8,655.24	12,117.38	20,772.62	0.000615%						0.000000%		8,655.24	12,117.38	20,772.62
795100	795100	8,105.63	11,347.91	19,453.54	0.000576%						0.000000%		8,105.63	11,347.91	19,453.54
795200	795200	12,511.28	17,515.48	30,026.76	0.000889%						0.000000%		12,511.28	17,515.48	30,026.76
795300	795300	3,888.12	5,443.40	9,331.52	0.000276%						0.000000%		3,888.12	5,443.40	9,331.52
795400	795400	18,795.16	26,313.33	45,108.49	0.001336%				780.00	780.00	0.001312%	312.00	19,575.16	27,405.33	46,980.49
795500	795500	11,209.74	15,693.34	26,903.08	0.000797%						0.000000%		11,209.74	15,693.34	26,903.08
795600	795600	3,521.58	4,930.26	8,451.84	0.000250%						0.000000%		3,521.58	4,930.26	8,451.84
795700	795700	9,288.89	13,004.23	22,293.12	0.000660%				992.64	992.64	0.001670%	396.96	10,281.53	14,393.83	24,675.36
795800	795800	10,801.98	15,122.46	25,924.44	0.000768%						0.000000%		10,801.98	15,122.46	25,924.44
795900	795900	6,467.11	9,053.63	15,520.74	0.000460%						0.000000%		6,467.11	9,053.63	15,520.74
796000	796000	10,220.19	14,307.94	24,528.13	0.000726%						0.000000%		10,220.19	14,307.94	24,528.13
796100	796100	5,524.30	7,734.06	13,258.36	0.000393%						0.000000%		5,524.30	7,734.06	13,258.36
796200	796200	6,413.19	8,978.45	15,391.64	0.000456%						0.000000%		6,413.19	8,978.45	15,391.64
796300	796300	7,064.27	9,890.07	16,954.34	0.000502%						0.000000%		7,064.27	9,890.07	16,954.34
796400	796400	12,741.77	17,838.16	30,579.93	0.000906%						0.000000%		12,741.77	17,838.16	30,579.93
796500	796500	15,770.68	22,079.16	37,849.84	0.001121%						0.000000%		15,770.68	22,079.16	37,849.84
796600	796600	20,426.02	28,595.99	49,022.01	0.001452%						0.000000%		20,426.02	28,595.99	49,022.01
796700	796700	1,536.08	2,150.26	3,686.34	0.000109%						0.000000%		1,536.08	2,150.26	3,686.34
796700	796700	6,409.84	8,973.70	15,383.54	0.000456%						0.000000%		6,409.84	8,973.70	15,383.54
796800	796800	5,360.25	7,504.35	12,864.60	0.000381%	1,403.88	1,965.48				0.000000%		6,764.13	9,469.83	16,233.96
796900	796900	7,918.08	11,085.36	19,003.44	0.000563%						0.000000%		7,918.08	11,085.36	19,003.44
797000	797000	13,964.87	19,550.52	33,515.39	0.000993%						0.000000%		13,964.87	19,550.52	33,515.39
797100	797100	9,296.94	13,015.43	22,312.37	0.000661%						0.000000%		9,296.94	13,015.43	22,312.37
797200	797200	13,231.00	18,523.07	31,754.07	0.000940%						0.000000%		13,231.00	18,523.07	31,754.07
797300	797300	10,307.38	14,430.55	24,737.93	0.000733%				4,484.00	4,484.00	0.007543%	1,793.60	14,791.38	20,708.15	35,499.53
797500	797500	6,074.72	8,504.30	14,579.02	0.000432%						0.000000%		6,074.72	8,504.30	14,579.02
797600	797600	3,275.88	4,586.28	7,862.16	0.000233%						0.000000%		3,275.88	4,586.28	7,862.16
797700	797700	5,501.87	7,702.66	13,204.53	0.000391%						0.000000%		5,501.87	7,702.66	13,204.53
797800	797800	5,066.59	7,093.28	12,159.87	0.000360%						0.000000%		5,066.59	7,093.28	12,159.87
797900	797900	2,867.64	4,014.69	6,882.33	0.000204%						0.000000%		5,076.96	7,107.69	12,184.65
798000	798000	3,372.41	4,721.41	8,093.82	0.000240%	2,209.32	3,093.00				0.000000%		3,372.41	4,721.41	8,093.82
798100	798100	4,689.64	6,565.54	11,255.18	0.000333%						0.000000%		4,783.89	6,697.49	11,481.38
798200	798200	3,516.36	4,923.00	8,439.36	0.000250%						0.000000%		3,516.36	4,923.00	8,439.36
798300	798300	4,537.64	6,352.43	10,890.07	0.000322%						0.000000%		4,537.64	6,352.43	10,890.07
798400	798400	5,372.47	7,521.41	12,893.88	0.000382%						0.000000%		5,372.47	7,521.41	12,893.88
798500	798500	5,977.27	8,368.19	14,345.46	0.000425%						0.000000%		5,977.27	8,368.19	14,345.46
798600	798600	4,494.88	6,292.87	10,787.75	0.000319%						0.000000%		4,494.88	6,292.87	10,787.75
798700	798700	4,562.87	6,388.06	10,950.93	0.000324%						0.000000%		4,562.87	6,388.06	10,950.93
798800	798800	3,660.63	5,124.92	8,785.55	0.000260%						0.000000%		3,660.63	5,124.92	8,785.55
798900	798900	4,952.21	6,933.13	11,885.34	0.000352%						0.000000%		4,952.21	6,933.13	11,885.34
799000	799000	20,256.10	28,358.21	48,614.31	0.001440%						0.000000%		20,256.10	28,358.21	48,614.31
799100	799100	10,055.64	14,077.61	24,133.25	0.000715%						0.000000%		10,055.64	14,077.61	24,133.25
799200	799200	16,992.17	23,789.22	40,781.39	0.001208%				1,250.02	1,250.05	0.002103%	499.95	18,242.19	25,539.22	43,781.41
799300	799300	21,936.88	30,711.80	52,648.68	0.001559%						0.000000%		21,936.88	30,711.80	52,648.68
799300	799308	14,586.57	20,421.20	35,007.77	0.001037%						0.000000%		14,586.57	20,421.20	35,007.77
799300	986308	7,131.85	9,929.74	17,061.59	0.000505%						0.000000%		7,131.85	9,929.74	17,061.59
799400	799400	33,893.64	47,451.34	81,344.98	0.002409%						0.000000%		33,893.64	47,451.34	81,344.98
799400	985300	38,727.65	53,920.63	92,648.28	0.002744%						0.000000%		38,727.65	53,920.63	92,648.28
799500	799500	21,716.55	30,402.54	52,119.09	0.001543%						0.000000%		21,716.55	30,402.54	52,119.09
799500	982900	24,943.05	34,731.52	59,674.57	0.001767%						0.000000%	(6.72)	24,943.05	34,724.80	59,667.85
799500	982908	11.31	12.51	23.82	0.000001%						0.000000%	6.72	11.31	19.23	30.54
799600	799600	23,932.83	33,505.59	57,438.42	0.001701%	6,242.11	8,738.93		11,711.79	11,711.77	0.019702%	4,684.70	41,886.73	58,640.99	100,527.72
799600	984700	51,759.09	72,064.46	123,823.55	0.003667%						0.000000%		51,759.09	72,064.46	123,823.55
799700	799700	9,227.98	12,918.85	22,146.83	0.000656%	3,342.80	4,679.92				0.000000%		12,570.78	17,598.77	30,169.55
799800	799800	33,325.52	46,655.80	79,981.32	0.002369%	2,323.20	3,252.48				0.000000%		35,648.72	49,908.28	85,557.00
799900	799900	18,159.49	25,423.46	43,582.95	0.001291%						0.000000%		18,159.49	25,423.46	43,582.95
800000	800000	38,509.68	53,913.39	92,423.07	0.002737%						0.000000%		38,509.68	53,913.39	92,423.07
800100	800100	22,291.72	31,208.37	53,500.09	0.001584%						0.000000%		22,291.72	31,208.37	53,500.09
800200	800200	5,225.28	7,315.15	12,540.43	0.000371%						0.000000%		5,225.28	7,315.15	12,540.43
800300	800300	7,086.77	9,921.41	17,008.18	0.000504%						0.000000%		7,583.85	10,617.31	18,201.16
800400	800400	3,926.44	5,496.90	9,423.34	0.000279%	992.63	1,389.60		992.63	992.63	0.001670%	396.97	5,911.70	8,276.10	14,187.80
800500	800500	6,492.58	9,089.46	15,582.04	0.000461%				1,871.76	1,871.76	0.003149%	748.67	8,364.34	11,709.89	20,074.23
800600	800600	6,740.76	9,437.16	16,177.92	0.000479%						0.000000%		6,740.76	9,437.16	16,177.92
800700	800700	7,717.68	10,804.44	18,522.12	0.000549%						0.000000%		7,717.68	10,804.44	18,522.12

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
800800	800800	3,485.88	4,880.28	8,366.16	0.000248%			0.000000%	936.00	936.00	0.001575%	374.40	4,421.88	6,190.68	10,612.56
800900	800900	5,217.72	7,304.96	12,522.68	0.000371%			0.000000%			0.000000%		5,217.72	7,304.96	12,522.68
801000	801000	5,415.04	7,580.84	12,995.88	0.000385%			0.000000%			0.000000%		5,415.04	7,580.84	12,995.88
801100	801100	4,041.78	5,658.66	9,700.44	0.000287%			0.000000%			0.000000%		4,041.78	5,658.66	9,700.44
801200	801200	6,405.18	8,966.94	15,372.12	0.000455%			0.000000%			0.000000%		6,405.18	8,966.94	15,372.12
801300	801300	6,792.88	9,509.72	16,302.60	0.000483%			0.000000%			0.000000%		6,792.88	9,509.72	16,302.60
801400	801400	7,923.42	11,092.83	19,016.25	0.000563%			0.000000%			0.000000%		7,923.42	11,092.83	19,016.25
801500	801500	6,727.23	9,418.16	16,145.39	0.000478%			0.000000%			0.000000%		6,727.23	9,418.16	16,145.39
801600	801600	4,516.11	6,322.50	10,838.61	0.000321%			0.000000%			0.000000%		4,516.11	6,322.50	10,838.61
801700	801700	10,417.68	14,584.79	25,002.47	0.000740%			0.000000%			0.000000%		10,417.68	14,584.79	25,002.47
801800	801800	10,820.33	15,148.19	25,968.52	0.000769%			0.000000%			0.000000%		10,820.33	15,148.19	25,968.52
801900	801900	9,822.53	13,751.27	23,573.80	0.000698%			0.000000%			0.000000%		9,822.53	13,751.27	23,573.80
802000	802000	6,383.88	8,937.08	15,320.96	0.000454%			0.000000%			0.000000%		6,383.88	8,937.08	15,320.96
802100	802100	3,275.88	4,586.28	7,862.16	0.000233%			0.000000%	936.00	936.00	0.001575%	374.40	4,211.88	5,896.68	10,108.56
802200	802200	6,214.59	8,659.37	14,873.96	0.000440%			0.000000%			0.000000%	41.10	6,214.59	8,700.47	14,915.06
802300	802300	10,244.78	14,342.41	24,587.19	0.000728%			0.000000%			0.000000%		10,244.78	14,342.41	24,587.19
802400	802400	4,221.88	5,910.68	10,132.56	0.000300%			0.000000%	3,042.08	3,042.08	0.005118%	1,216.83	7,263.96	10,169.59	17,433.55
802500	802500	18,217.48	25,504.73	43,722.21	0.001295%			0.000000%			0.000000%		18,217.48	25,504.73	43,722.21
802600	802600	5,633.63	7,887.13	13,520.76	0.000400%			0.000000%			0.000000%		5,633.63	7,887.13	13,520.76
802700	802700	12,276.32	17,187.07	29,463.39	0.000873%			0.000000%			0.000000%		12,276.32	17,187.07	29,463.39
802800	802808	11,741.29	16,437.49	28,178.78	0.000834%			0.000000%			0.000000%		11,741.29	16,437.49	28,178.78
802900	802900	10,097.97	14,137.35	24,235.32	0.000718%			0.000000%			0.000000%		10,097.97	14,137.35	24,235.32
803000	803000	5,119.16	7,166.92	12,286.08	0.000364%	1,247.76	1,746.94	0.002803%			0.000000%		6,366.92	8,913.86	15,280.78
803100	803100	17,989.10	25,184.85	43,173.95	0.001279%			0.000000%			0.000000%		17,989.10	25,184.85	43,173.95
803200	803200	6,630.28	9,282.57	15,912.85	0.000471%			0.000000%			0.000000%		6,630.28	9,282.57	15,912.85
803300	803300	7,082.05	9,948.86	17,030.91	0.000504%			0.000000%			0.000000%	(34.30)	7,082.05	9,914.56	16,996.61
803400	803400	10,343.43	14,481.00	24,824.43	0.000735%			0.000000%			0.000000%		10,343.43	14,481.00	24,824.43
803500	803500	8,120.69	11,368.75	19,489.44	0.000577%			0.000000%	1,134.24	1,134.24	0.001908%	453.60	9,254.93	12,956.59	22,211.52
803600	803600	4,971.82	6,960.36	11,932.18	0.000353%			0.000000%			0.000000%		4,971.82	6,960.36	11,932.18
803700	803700	5,919.46	8,286.95	14,206.41	0.000421%			0.000000%			0.000000%		5,919.46	8,286.95	14,206.41
803800	803800	9,911.22	13,875.90	23,787.12	0.000704%			0.000000%			0.000000%		9,911.22	13,875.90	23,787.12
803900	803900	13,151.19	18,411.92	31,563.11	0.000935%	5,660.21	7,924.28	0.012715%			0.000000%		18,811.40	26,336.20	45,147.60
804000	804000	14,987.68	20,982.87	35,970.55	0.001065%			0.000000%			0.000000%		14,987.68	20,982.87	35,970.55
804100	804100	12,417.32	17,384.00	29,801.32	0.000883%			0.000000%			0.000000%		12,417.32	17,384.00	29,801.32
804200	804200	5,274.48	7,383.96	12,658.44	0.000375%			0.000000%			0.000000%		5,274.48	7,383.96	12,658.44
804300	804300	4,355.88	6,098.28	10,454.16	0.000310%			0.000000%			0.000000%		4,355.88	6,098.28	10,454.16
804400	804400	5,813.47	8,138.72	13,952.19	0.000413%			0.000000%	1,823.11	1,823.05	0.003067%	729.30	7,636.58	10,691.07	18,327.65
804500	804500	5,344.36	7,482.20	12,826.56	0.000380%			0.000000%			0.000000%		5,344.36	7,482.20	12,826.56
804600	804600	4,991.17	6,987.55	11,978.72	0.000355%			0.000000%			0.000000%		4,991.17	6,987.55	11,978.72
804700	804700	3,153.30	4,414.57	7,567.87	0.000224%			0.000000%	1,429.86	1,429.84	0.002405%	572.00	4,583.16	6,416.41	10,999.57
804800	804800	8,060.93	11,285.35	19,346.28	0.000573%			0.000000%			0.000000%		8,060.93	11,285.35	19,346.28
804900	804900	4,137.04	5,791.64	9,928.68	0.000294%			0.000000%			0.000000%		4,137.04	5,791.64	9,928.68
805000	805000	8,671.98	12,140.56	20,812.54	0.000616%	992.64	1,389.60	0.002230%			0.000000%		9,664.62	13,530.16	23,194.78
805100	805100	10,260.83	14,365.39	24,626.22	0.000729%			0.000000%			0.000000%		10,260.83	14,365.39	24,626.22
805200	805200	4,211.88	5,896.68	10,108.56	0.000299%			0.000000%			0.000000%		4,211.88	5,896.68	10,108.56
805300	805300	12,829.18	17,960.54	30,789.72	0.000912%			0.000000%			0.000000%		12,829.18	17,960.54	30,789.72
805400	805400	16,518.21	23,125.15	39,643.36	0.001174%			0.000000%			0.000000%		16,518.21	23,125.15	39,643.36
805500	805500	5,128.92	7,180.52	12,309.44	0.000365%			0.000000%			0.000000%		5,128.92	7,180.52	12,309.44
805600	805600	4,656.31	6,518.88	11,175.19	0.000331%			0.000000%			0.000000%		4,656.31	6,518.88	11,175.19
805700	805700	20,583.21	28,816.45	49,399.66	0.001463%			0.000000%	560.00	560.00	0.000942%	224.00	21,143.21	29,600.45	50,743.66
805900	805900	87,485.64	122,479.89	209,965.53	0.006218%			0.000000%	10,672.12	10,672.24	0.017954%	4,268.82	98,157.76	137,420.95	235,578.71
805900	989400	127,655.62	177,735.81	305,391.43	0.009044%			0.000000%			0.000000%		127,655.62	177,735.81	305,391.43
806000	806000	9,273.82	12,982.85	22,256.67	0.000659%			0.000000%			0.000000%		9,273.82	12,982.85	22,256.67
806100	806100	25,085.92	35,119.68	60,205.60	0.001783%			0.000000%			0.000000%		25,085.92	35,119.68	60,205.60
806200	806200	14,681.77	20,554.13	35,235.90	0.001043%			0.000000%			0.000000%		14,681.77	20,554.13	35,235.90
806300	806300	34,568.13	48,395.45	82,963.58	0.002457%			0.000000%			0.000000%		34,568.13	48,395.45	82,963.58
806400	806400	11,959.27	16,742.69	28,701.96	0.000850%	300.00	420.00	0.000674%	1,819.76	1,819.72	0.003061%	727.92	14,079.03	19,710.33	33,789.36
806600	806600	22,153.03	31,014.30	53,167.33	0.001575%			0.000000%			0.000000%		22,153.03	31,014.30	53,167.33
806700	806700	13,212.05	18,496.94	31,708.99	0.000939%	1,446.26	2,024.83	0.003249%	5,777.35	5,777.33	0.009719%	2,310.95	20,435.66	28,610.05	49,045.71
806800	806800	17,815.45	24,941.27	42,756.72	0.001266%			0.000000%			0.000000%		17,815.45	24,941.27	42,756.72
806900	806900	15,803.06	22,124.28	37,927.34	0.001123%			0.000000%			0.000000%		15,803.06	22,124.28	37,927.34
807000	807000	12,433.78	17,407.76	29,841.54	0.000884%			0.000000%			0.000000%		12,433.78	17,407.76	29,841.54
807100	807100	50,108.49	69,477.81	119,586.30	0.003541%			0.000000%			0.000000%	1,124.80	50,108.49	70,602.61	120,711.10
807200	807200	27,384.03	38,337.77	65,721.80	0.001946%			0.000000%	3,585.30	3,585.31	0.006032%	1,434.11	30,969.33	43,357.19	74,326.52
807300	807300	28,691.40	40,168.04	68,859.44	0.002039%			0.000000%			0.000000%		28,691.40	40,168.04	68,859.44

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
807400	807400	19,682.93	27,556.01	47,238.94	0.001399%			0.000000%					19,682.93	27,556.01	47,238.94
807600	807600	30,429.06	42,600.65	73,029.71	0.002163%			0.000000%				499.09	31,676.84	44,347.52	76,024.36
807700	807700	13,933.85	19,507.06	33,440.91	0.000990%			0.000000%					13,933.85	19,507.06	33,440.91
807800	807800	5,274.48	7,383.96	12,658.44	0.000375%			0.000000%					5,274.48	7,383.96	12,658.44
807900	807908	18,049.80	25,269.63	43,319.43	0.001283%			0.000000%					18,049.80	25,269.63	43,319.43
808000	808000	60.00	84.00	144.00	0.000004%			0.000000%					60.00	84.00	144.00
808000	808008	9,701.90	13,582.33	23,284.23	0.000690%			0.000000%			1,994.87		14,689.15	20,564.45	35,253.60
808100	808100	17,697.40	24,776.57	42,473.97	0.001258%			0.000000%					17,697.40	24,776.57	42,473.97
808200	808200	8,813.28	12,338.28	21,151.56	0.000626%			0.000000%					8,813.28	12,338.28	21,151.56
808300	808300	5,350.18	7,489.94	12,840.12	0.000380%			0.000000%					5,350.18	7,489.94	12,840.12
808400	808400	9,853.13	13,794.12	23,647.25	0.000700%			0.000000%					9,853.13	13,794.12	23,647.25
808500	808500	13,090.77	18,326.89	31,417.66	0.000930%			0.000000%				453.61	14,225.00	19,914.73	34,139.73
808600	808600	10,984.85	15,378.47	26,363.32	0.000781%			0.000000%					10,984.85	15,378.47	26,363.32
808700	808700	12,403.78	17,364.96	29,768.74	0.000882%			0.000000%					12,403.78	17,364.96	29,768.74
808800	808800	11,194.74	15,672.47	26,867.21	0.000796%			0.000000%				499.20	12,442.51	17,419.43	29,861.94
808900	808900	8,950.43	12,530.59	21,481.02	0.000636%			0.000000%					8,950.43	12,530.59	21,481.02
809000	809000	8,919.14	12,486.46	21,405.60	0.000634%			0.000000%					8,919.14	12,486.46	21,405.60
809100	809100	9,836.38	13,770.88	23,607.26	0.000699%			0.000000%					9,836.38	13,770.88	23,607.26
809200	809200	2,808.00	3,931.20	6,739.20	0.000200%	5,048.68	7,068.20	0.011341%					7,856.68	10,999.40	18,856.08
809300	809300	10,147.56	14,206.28	24,353.84	0.000721%			0.000000%					10,147.56	14,206.28	24,353.84
809400	809400	7,779.84	10,891.56	18,671.40	0.000553%			0.000000%					7,779.84	10,891.56	18,671.40
809500	809500	9,003.78	12,605.01	21,608.79	0.000640%			0.000000%					9,003.78	12,605.01	21,608.79
809600	809600	9,766.88	13,673.54	23,440.42	0.000694%			0.000000%					9,766.88	13,673.54	23,440.42
809700	809700	4,679.18	6,550.93	11,230.11	0.000333%			0.000000%			1,664.33		8,840.38	12,376.35	21,216.73
809800	809800	3,402.72	4,763.55	8,166.27	0.000242%			0.000000%			2,163.08		8,810.48	12,334.39	21,144.87
809900	809900	2,808.00	3,931.20	6,739.20	0.000200%	5,734.38	8,028.18	0.012882%					8,542.38	11,959.38	20,501.76
810000	810000	10,267.00	14,373.74	24,640.74	0.000730%			0.000000%					10,267.00	14,373.74	24,640.74
810100	810100	5,810.38	8,134.22	13,944.60	0.000413%			0.000000%					5,810.38	8,134.22	13,944.60
810200	810200	10,124.88	14,174.61	24,299.49	0.000720%			0.000000%			510.24		11,400.72	15,960.69	27,361.41
810300	810300	9,836.86	13,771.41	23,608.27	0.000699%	1,134.23	1,587.84	0.002548%					10,971.09	15,359.25	26,330.34
810400	810400	12,321.53	17,249.71	29,571.24	0.000876%			0.000000%					12,321.53	17,249.71	29,571.24
810500	810500	7,902.31	11,063.28	18,965.59	0.000562%			0.000000%				374.40	8,838.31	12,373.68	21,211.99
810600	810600	14,007.71	19,610.96	33,618.67	0.000996%			0.000000%					14,007.71	19,610.96	33,618.67
810700	810700	8,183.84	11,457.03	19,640.87	0.000582%			0.000000%					8,183.84	11,457.03	19,640.87
810800	810800	10,638.61	14,893.74	25,532.35	0.000756%			0.000000%					10,638.61	14,893.74	25,532.35
810900	810900	12,865.43	18,011.29	30,876.72	0.000914%			0.000000%					12,865.43	18,011.29	30,876.72
811000	811000	38,421.05	53,789.24	92,210.29	0.002731%			0.000000%					38,421.05	53,789.24	92,210.29
811100	811100	12,946.62	18,125.13	31,071.75	0.000920%			0.000000%					12,946.62	18,125.13	31,071.75
811100	811108	13,202.06	18,482.82	31,684.88	0.000938%			0.000000%					13,202.06	18,482.82	31,684.88
811200	811200	25,740.64	36,037.19	61,777.83	0.001829%			0.000000%					25,740.64	36,037.19	61,777.83
811300	811300	14,867.68	20,815.05	35,682.73	0.001057%	2,183.63	3,057.00	0.004905%					17,051.31	23,872.05	40,923.36
811400	811400	11,730.28	16,422.02	28,152.30	0.000834%			0.000000%					11,730.28	16,422.02	28,152.30
811500	811500	8,516.64	11,923.08	20,439.72	0.000605%			0.000000%					8,516.64	11,923.08	20,439.72
811600	811600	13,080.54	18,312.78	31,393.32	0.000930%			0.000000%					13,080.54	18,312.78	31,393.32
811700	811700	9,445.16	13,222.96	22,668.12	0.000671%	67.50	94.50	0.000152%					9,512.66	13,317.46	22,830.12
811800	811800	22,495.02	31,493.04	53,988.06	0.001599%			0.000000%			969.60		24,918.78	34,886.40	59,805.18
811900	811900	15,047.72	21,067.17	36,114.89	0.001070%			0.000000%					15,047.72	21,067.17	36,114.89
812000	812000	24,952.43	34,933.56	59,885.99	0.001773%			0.000000%					24,952.43	34,933.56	59,885.99
812100	812100	13,972.85	19,561.67	33,534.52	0.000993%			0.000000%					13,972.85	19,561.67	33,534.52
812200	812200	14,434.93	20,208.68	34,643.61	0.001026%			0.000000%					14,434.93	20,208.68	34,643.61
812300	812300	4,935.94	6,909.98	11,845.92	0.000351%			0.000000%			768.36		6,856.90	9,599.30	16,456.20
812400	812400	7,601.71	10,642.12	18,243.83	0.000540%			0.000000%					7,601.71	10,642.12	18,243.83
812500	812500	18,112.38	25,357.52	43,469.90	0.001287%			0.000000%					18,112.38	25,357.52	43,469.90
812600	812600	6,599.54	9,238.86	15,838.40	0.000469%			0.000000%					6,599.54	9,238.86	15,838.40
812700	812700	6,467.89	9,054.73	15,522.62	0.000460%			0.000000%					6,467.89	9,054.73	15,522.62
812800	812800	15,242.07	21,339.10	36,581.17	0.001083%			0.000000%					15,242.07	21,339.10	36,581.17
812900	812900	6,139.81	8,595.68	14,735.49	0.000436%			0.000000%					6,139.81	8,595.68	14,735.49
813000	813000	13,793.69	19,311.21	33,104.90	0.000980%			0.000000%			748.68		15,665.45	21,931.65	37,597.10
813100	813100	11,521.92	16,130.38	27,652.30	0.000819%			0.000000%					11,521.92	16,130.38	27,652.30
813200	813200	10,734.53	15,028.25	25,762.78	0.000763%	1,134.24	1,587.96	0.002548%					11,868.77	16,616.21	28,484.98
813300	813300	5,444.76	7,622.27	13,067.03	0.000387%	123.27	172.56	0.000277%					5,568.03	7,794.83	13,362.86
813400	813400	7,083.51	9,916.76	17,000.27	0.000503%			0.004931%			363.88		10,188.43	14,263.56	24,451.99
813500	813500	41,239.13	57,734.76	98,973.89	0.002931%	2,195.00	3,073.00	0.000000%					41,239.13	57,734.76	98,973.89
813600	813600	12,358.51	17,301.58	29,660.09	0.000878%			0.000000%					12,358.51	17,301.58	29,660.09
813700	813700	11,105.57	15,547.55	26,653.12	0.000789%			0.000000%			453.60		12,239.81	17,135.39	29,375.20

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
813800	813800	12,477.48	17,468.48	29,945.96	0.000887%			0.000000%					12,477.48	17,468.48	29,945.96
813900	813900	21,618.32	30,265.66	51,883.98	0.001536%			0.000000%					21,618.32	30,265.66	51,883.98
814100	814100	13,661.68	19,126.06	32,787.74	0.000971%			0.000000%					13,661.68	19,126.06	32,787.74
814200	814200	10,191.65	14,268.00	24,459.65	0.000724%			0.000591%	262.90	368.06			10,454.55	14,636.06	25,090.61
814300	814300	7,538.50	10,553.78	18,092.28	0.000536%			0.000000%			2,268.48	2,268.48	9,806.98	13,729.46	23,536.44
814400	814400	7,057.44	9,880.22	16,937.66	0.000502%			0.000000%			1,134.24	1,134.24	8,191.68	11,468.07	19,659.75
814500	814500	6,418.28	8,985.17	15,403.45	0.000456%			0.002044%	909.92	1,273.80		909.92	8,238.12	11,532.77	19,770.89
814600	814600	18,865.03	26,411.01	45,276.04	0.001341%			0.000202%	90.00	126.00		1,361.16	20,316.19	28,442.73	48,758.92
814700	814700	5,215.99	7,302.29	12,518.28	0.000371%			0.005096%	2,268.48	3,175.68			7,484.47	10,477.97	17,962.44
814800	814800	9,340.68	13,076.63	22,417.31	0.000664%			0.000000%					9,340.68	13,076.63	22,417.31
814900	814900	9,029.93	12,641.61	21,671.54	0.000642%			0.000000%					9,029.93	12,641.61	21,671.54
815000	815000	14,715.10	20,601.12	35,316.22	0.001046%			0.000000%					14,715.10	20,601.12	35,316.22
815100	815100	15,167.97	21,235.29	36,403.26	0.001078%			0.000000%					15,167.97	21,235.29	36,403.26
815200	815200	7,777.99	10,888.90	18,666.89	0.000553%			0.000000%					7,777.99	10,888.90	18,666.89
815300	815300	7,421.22	10,389.90	17,811.12	0.000527%			0.000000%					7,421.22	10,389.90	17,811.12
815400	815400	13,345.22	18,683.39	32,028.61	0.000948%			0.000948%	3,379.19	4,730.85		499.20	17,972.17	25,161.20	43,133.37
815500	815500	42,940.14	60,116.30	103,056.44	0.003052%			0.000000%			1,247.76	1,247.76	42,940.14	60,116.30	103,056.44
815600	815600	10,884.43	15,237.86	26,122.29	0.000774%			0.000000%					10,884.43	15,237.86	26,122.29
815700	815700	11,520.45	16,128.32	27,648.77	0.000819%			0.000000%					11,520.45	16,128.32	27,648.77
815800	815800	10,267.39	14,374.05	24,641.44	0.000730%			0.000000%			1,871.76	1,871.76	12,139.15	16,994.49	29,133.64
815900	815900	5,556.80	7,779.29	13,336.09	0.000395%			0.000000%					5,556.80	7,779.29	13,336.09
816100	816100	21,957.60	30,740.74	52,698.34	0.001561%			0.000000%					21,957.60	30,740.74	52,698.34
816200	816200	70,550.05	98,769.82	169,319.87	0.005014%			0.000000%					70,550.05	98,769.82	169,319.87
816300	816300	6,356.88	8,899.32	15,256.20	0.000452%			0.000000%					6,356.88	8,899.32	15,256.20
816400	816400	10,747.75	15,046.54	25,794.29	0.000764%			0.000000%					10,747.75	15,046.54	25,794.29
816500	816500	10,699.52	14,978.90	25,678.42	0.000760%			0.000000%					10,699.52	14,978.90	25,678.42
816600	816600	16,792.39	23,509.54	40,301.93	0.001194%			0.000000%					16,792.39	23,509.54	40,301.93
816700	816700	10,588.39	14,823.47	25,411.86	0.000753%			0.000000%					10,588.39	14,823.47	25,411.86
816800	816800	14,016.67	19,623.52	33,640.19	0.000996%			0.000785%	349.65	489.51			14,366.32	20,113.03	34,479.35
817000	817000	8,732.78	12,226.26	20,959.04	0.000621%			0.000000%			249.96	249.84	8,982.74	12,576.30	21,559.04
817100	817100	3,402.72	4,763.52	8,166.24	0.000242%			0.000000%			2,270.50	2,270.50	5,673.22	7,942.19	13,615.41
817200	817200	6,904.07	9,665.53	16,569.60	0.000491%			0.000000%					6,904.07	9,665.53	16,569.60
817300	817300	6,282.18	8,794.75	15,076.93	0.000446%			0.009805%	4,364.91	6,110.87		103.92	10,907.13	15,269.58	26,176.71
817400	817400	10,137.20	14,191.84	24,329.04	0.000720%			0.000000%					10,137.20	14,191.84	24,329.04
817500	817500	29,655.79	41,517.91	71,173.70	0.002108%			0.000000%			2,324.25	2,324.25	31,980.04	44,771.76	76,751.80
817600	817600	9,222.22	12,910.80	22,133.02	0.000655%			0.000000%					9,222.22	12,910.80	22,133.02
817700	817700	8,463.44	11,848.64	20,312.08	0.000602%			0.000000%					8,463.44	11,848.64	20,312.08
817800	817800	12,798.34	17,917.32	30,715.66	0.000910%			0.000000%					12,798.34	17,917.32	30,715.66
817900	817900	9,943.63	13,920.79	23,864.42	0.000707%			0.000000%					9,943.63	13,920.79	23,864.42
818000	818000	5,096.52	7,134.87	12,231.39	0.000362%			0.000000%					5,096.52	7,134.87	12,231.39
818100	818100	10,523.67	14,733.14	25,256.81	0.000748%			0.000000%					10,523.67	14,733.14	25,256.81
818200	818200	3,978.72	5,569.92	9,548.64	0.000283%			0.003504%	1,559.76	2,183.62			5,538.48	7,753.54	13,292.02
818300	818300	6,862.56	9,607.56	16,470.12	0.000488%			0.000000%					6,862.56	9,607.56	16,470.12
818500	818500	7,163.38	10,028.74	17,192.12	0.000509%			0.003154%	1,403.88	1,965.48			8,567.26	11,994.22	20,561.48
818600	818600	7,286.88	10,201.32	17,488.20	0.000518%			0.001101%	489.96	686.02			7,776.84	10,887.34	18,664.18
818700	818700	4,897.68	6,856.44	11,754.12	0.000348%			0.000000%					4,897.68	6,856.44	11,754.12
818800	818800	3,744.16	5,241.67	8,985.83	0.000266%			0.002230%	992.64	1,389.60		140.04	5,086.84	7,121.23	12,208.07
818900	818900	4,411.08	6,175.32	10,586.40	0.000314%			0.010790%	4,803.24	6,724.44			9,214.32	12,899.76	22,114.08
819000	819000	5,909.16	8,272.56	14,181.72	0.000420%			0.000000%					5,909.16	8,272.56	14,181.72
819100	819100	5,544.48	7,761.96	13,306.44	0.000394%			0.000000%					5,544.48	7,761.96	13,306.44
819200	819200	5,279.28	7,390.71	12,669.99	0.000375%			0.000000%			789.00	789.02	6,068.28	8,495.31	14,563.59
819300	819300	2,938.78	4,114.20	7,052.98	0.000209%			0.002230%	992.64	1,389.60		516.96	5,224.06	7,313.40	12,537.46
819400	819400	4,437.98	6,213.06	10,651.04	0.000315%			0.000000%					4,437.98	6,213.06	10,651.04
819500	819500	7,462.50	10,447.58	17,910.08	0.000530%			0.000000%					7,462.50	10,447.58	17,910.08
819600	819600	8,573.71	11,971.42	20,545.13	0.000608%			0.000000%				31.61	8,573.71	12,003.03	20,576.74
819700	819700	4,969.60	6,957.16	11,926.76	0.000353%			0.000000%			1,133.93	1,133.92	6,103.53	8,544.65	14,648.18
819800	819800	5,088.18	7,123.53	12,211.71	0.000362%			0.000000%			1,247.77	1,247.76	6,335.95	8,870.49	15,206.44
819900	819900	5,378.10	7,529.34	12,907.44	0.000382%			0.000000%					5,378.10	7,529.34	12,907.44
820000	820000	15,438.90	21,614.30	37,053.20	0.001097%			0.000000%					15,438.90	21,614.30	37,053.20
820100	820100	70,370.55	98,519.00	168,889.55	0.005002%			0.000000%			1,700.24	1,700.24	72,070.79	100,899.35	172,970.14
820200	820200	160,775.58	225,085.41	385,860.99	0.011427%			0.009540%	4,246.68	5,945.39		3,099.42	172,770.83	241,878.79	414,649.62
820200	820208	168,043.96	235,260.98	403,304.94	0.011943%			0.031388%	13,972.51	19,561.45			182,016.47	254,822.43	436,838.90
820200	984300	328,354.65	457,170.18	785,524.83	0.023263%			0.000000%					328,354.65	457,170.18	785,524.83
820200	984308	103,378.11	143,934.08	247,312.19	0.007324%			0.000000%					103,378.11	143,934.08	247,312.19
820300	820300	17,921.36	25,089.82	43,011.18	0.001274%			0.000000%			265.70	265.68	18,187.06	25,461.78	43,648.84

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
820300	820308	93,441.88	130,818.83	224,260.71	0.006641%								99,672.65	139,541.95	239,214.60
820300	984200	80,741.22	112,416.47	193,157.69	0.005720%	4,276.63	5,987.33	0.009607%	1,954.14	1,954.14	0.003287%	781.65	80,741.22	112,416.47	193,157.69
820400	820408	44,345.10	62,083.28	106,428.38	0.003152%								44,345.10	62,083.28	106,428.38
820400	981708	64,750.62	90,152.87	154,903.49	0.004587%								64,750.62	90,152.87	154,903.49
820500	820500	17,626.08	24,676.60	42,302.68	0.001253%								17,626.08	24,676.60	42,302.68
820600	820600	19,844.54	27,782.31	47,626.85	0.001410%	2,417.77	3,384.95	0.005431%	2,183.64	2,183.64	0.003673%	873.37	22,227.49	31,118.56	53,346.05
820600	988100	20,626.47	28,718.31	49,344.78	0.001461%				2,183.64	2,183.52	0.003673%	873.48	22,028.18	30,839.31	52,867.49
820700	820700	66,478.47	93,069.64	159,548.11	0.004725%								20,626.47	28,718.31	49,344.78
820800	820800	19,392.81	27,150.04	46,542.85	0.001378%				4,828.35	4,828.36	0.008123%	1,931.29	71,306.82	99,829.29	171,136.11
820900	820900	18,565.17	25,990.95	44,556.12	0.001319%								19,392.81	27,150.04	46,542.85
821000	821000	110,254.51	154,356.29	264,610.80	0.007836%				3,522.66	3,522.65	0.005926%	1,409.03	18,565.17	25,990.95	44,556.12
821000	884800	-	-	-	0.000000%								110,254.51	154,356.29	264,610.80
821000	984800	193,485.14	269,390.78	462,875.92	0.013708%								113,777.17	159,287.97	273,065.14
821100	821100	24,399.32	34,159.12	58,558.44	0.001734%	1,503.87	2,105.49	0.003378%					193,485.14	269,390.78	462,875.92
821200	821200	11,864.40	16,610.16	28,474.56	0.000843%								25,903.19	36,264.61	62,167.80
821200	821208	169,782.72	237,695.31	407,478.03	0.012067%								11,864.40	16,610.16	28,474.56
821300	821300	15,317.49	21,444.41	36,761.90	0.001089%	6,874.17	9,623.86	0.015442%					176,656.89	247,319.17	423,976.06
821400	821400	10,338.99	14,474.32	24,813.31	0.000735%								15,317.49	21,444.41	36,761.90
821500	821500	23,069.66	32,297.70	55,367.36	0.001640%	3,937.95	5,513.13	0.008846%					10,338.99	14,474.32	24,813.31
821600	821600	15,983.57	22,376.64	38,360.21	0.001136%								23,069.66	32,297.70	55,367.36
821900	821900	186,800.79	261,521.06	448,321.85	0.013277%				9,925.67	9,925.69	0.016698%	3,970.31	15,983.57	22,376.64	38,360.21
821900	981900	209,054.07	291,067.63	500,121.70	0.014811%								186,800.79	261,521.06	448,321.85
822000	822000	13,338.31	18,673.92	32,012.23	0.000948%								209,054.07	291,067.63	500,121.70
822100	822100	48,669.20	68,136.44	116,805.64	0.003459%				2,183.64	2,183.64	0.003673%	873.36	15,521.95	21,730.92	37,252.87
822100	822108	86,766.44	121,472.86	208,239.30	0.006167%	9,613.87	13,459.45	0.021597%					48,669.20	68,136.44	116,805.64
822100	987600	101,376.02	141,146.69	242,522.71	0.007182%				5,941.69	5,941.71	0.009996%	2,376.65	86,766.44	121,472.86	208,239.30
822100	987608	145,527.28	202,618.75	348,146.03	0.010310%								101,376.02	141,146.69	242,522.71
822200	822200	48,421.31	67,768.17	116,189.48	0.003441%							21.65	145,527.28	202,618.75	348,146.03
822200	822208	9,324.36	13,054.11	22,378.47	0.000663%								48,421.31	67,768.17	116,189.48
823200	823200	37,599.70	52,639.73	90,239.43	0.002672%								9,324.36	13,054.11	22,378.47
823500	823508	29,954.66	41,936.59	71,891.25	0.002129%								37,599.70	52,639.73	90,239.43
823600	823600	40,583.49	56,816.44	97,399.93	0.002884%	4,623.68	6,473.11	0.010387%	1,361.17	1,361.17	0.002290%	544.55	29,954.66	41,936.59	71,891.25
823600	823608	4,022.52	5,631.57	9,654.09	0.000286%	1,154.54	1,616.40	0.002594%					40,583.49	56,816.44	97,399.93
823600	985000	86,415.30	120,316.80	206,732.10	0.006122%								4,022.52	5,631.57	9,654.09
823600	985008	16,919.75	23,557.70	40,477.45	0.001199%								86,415.30	120,316.80	206,732.10
823700	823700	93,286.90	130,601.63	223,888.53	0.006630%	2,557.32	3,580.20	0.005745%					16,919.75	23,557.70	40,477.45
823700	985100	105,400.92	146,750.57	252,151.49	0.007467%								93,286.90	130,601.63	223,888.53
824000	824000	49,401.38	69,161.68	118,563.06	0.003511%				16,919.89	16,919.81	0.028464%	6,768.00	105,400.92	146,750.57	252,151.49
824100	824100	37,185.59	52,059.87	89,245.46	0.002643%				1,521.79	1,521.81	0.002560%	608.79	49,401.38	69,161.68	118,563.06
824100	959800	47,586.03	66,254.43	113,840.46	0.003371%								37,185.59	52,059.87	89,245.46
824200	824200	9,178.78	12,850.26	22,029.04	0.000652%	936.00	1,310.38	0.002103%					47,586.03	66,254.43	113,840.46
824300	824300	19,137.35	26,792.44	45,929.79	0.001360%	1,247.76	1,746.95	0.002803%					9,178.78	12,850.26	22,029.04
824400	824408	12,756.10	17,858.71	30,614.81	0.000907%				1,205.00	1,205.00	0.002027%	481.97	19,137.35	26,792.44	45,929.79
824500	824500	16,060.71	22,484.96	38,545.67	0.001141%				3.68	3.68	0.000006%	1.47	12,756.10	17,858.71	30,614.81
824500	824508	15,006.86	21,009.61	36,016.47	0.001067%	4,457.51	6,240.48	0.010013%					16,060.71	22,484.96	38,545.67
824500	980960	55,070.21	76,675.82	131,746.03	0.003902%								15,006.86	21,009.61	36,016.47
824600	824600	1,108.68	1,552.14	2,660.82	0.000079%								55,070.21	76,675.82	131,746.03
824600	824608	42,056.57	58,879.33	100,935.90	0.002989%								1,108.68	1,552.14	2,660.82
824600	988608	50,379.75	70,143.99	120,523.74	0.003569%								42,056.57	58,879.33	100,935.90
824700	824700	5,994.48	8,391.99	14,386.47	0.000426%								50,379.75	70,143.99	120,523.74
824800	824800	20,976.72	29,367.11	50,343.83	0.001491%								5,994.48	8,391.99	14,386.47
824900	824900	4,337.64	6,072.54	10,410.18	0.000308%								20,976.72	29,367.11	50,343.83
825000	825000	4,912.68	6,877.44	11,790.12	0.000349%								4,337.64	6,072.54	10,410.18
825100	825100	13,783.09	19,296.45	33,079.54	0.000980%								4,912.68	6,877.44	11,790.12
825200	825200	130,322.35	182,449.73	312,772.08	0.009262%	2,296.32	3,214.77	0.005158%	2,183.64	2,183.52	0.003673%	873.48	13,783.09	19,296.45	33,079.54
825200	983200	162,596.87	226,385.16	388,982.03	0.011519%				1,805.02	1,804.82	0.003036%	721.98	130,322.35	182,449.73	312,772.08
825300	825300	28,096.22	39,334.14	67,430.36	0.001997%								162,596.87	226,385.16	388,982.03
825300	825308	11,842.71	16,580.43	28,423.14	0.000842%				1,247.77	1,247.76	0.002099%	499.20	28,096.22	39,334.14	67,430.36
825300	986400	58,185.61	81,012.56	139,198.17	0.004122%								11,842.71	16,580.43	28,423.14
825400	825400	33,516.22	46,922.38	80,438.60	0.002382%				3,431.40	3,431.28	0.005772%	1,372.68	58,185.61	81,012.56	139,198.17
825500	825500	16,740.56	23,436.82	40,177.38	0.001190%	4,279.02	5,990.58	0.009612%					33,516.22	46,922.38	80,438.60
825600	825600	48,919.64	68,487.12	117,406.76	0.003477%				8,251.47	8,251.43	0.013881%	3,300.55	16,740.56	23,436.82	40,177.38
825600	982000	169,799.92	236,413.64	406,213.56	0.012030%								48,919.64	68,487.12	117,406.76
825800	825800	8,890.51	12,446.45	21,336.96	0.000632%								169,799.92	236,413.64	406,213.56
825900	825900	12,757.87	17,860.70	30,618.57	0.000907%								8,890.51	12,446.45	21,336.96
													12,757.87	17,860.70	30,618.57

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)					
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions			
826000	826000	16,276.89	22,787.31	39,064.20	0.001157%													
826100	826100	13,430.07	18,801.71	32,231.78	0.000955%													
826200	826200	6,092.73	8,529.38	14,622.11	0.000433%													
826300	826300	19,837.73	27,772.80	47,610.53	0.001410%													
826300	980750	21,120.10	29,405.49	50,525.59	0.001496%													
826400	826400	48,298.21	67,617.35	115,915.56	0.003433%													
826400	988300	50,509.65	70,325.01	120,834.66	0.003578%													
826500	826500	18,268.06	25,575.55	43,843.61	0.001298%													
826500	826508	44,584.46	62,418.26	107,002.72	0.003169%													
826500	987308	96,833.03	134,821.25	231,654.28	0.006860%													
826600	826600	7,373.48	10,322.92	17,696.40	0.000524%													
826700	826700	3,275.88	4,586.28	7,862.16	0.000233%													
826800	826800	4,211.88	5,896.67	10,108.55	0.000299%													
826900	826900	6,738.60	9,434.28	16,172.88	0.000479%													
826900	826908	19,848.83	27,788.37	47,637.20	0.001411%													
827000	827000	10,124.51	14,174.33	24,298.84	0.000720%													
827100	827100	10,546.83	14,765.88	25,312.71	0.000750%													
827200	827200	12,359.88	17,303.61	29,663.49	0.000878%													
827300	827300	5,621.52	7,870.06	13,491.58	0.000400%													
827400	827400	4,441.18	6,217.81	10,658.99	0.000316%	2,183.64	3,057.00	0.004905%	2,415.98	2,415.96	0.004064%	966.48	9,040.80	12,657.25	21,698.05			
827400	827408	12,117.27	16,964.14	29,081.41	0.000861%													
827500	827500	8,523.44	11,932.55	20,455.99	0.000606%	3,139.50	4,395.30	0.007053%	378.08	378.08	0.000636%	151.20	12,041.02	16,857.13	28,898.15			
827600	827600	8,125.42	11,375.63	19,501.05	0.000578%													
827700	827700	6,348.96	8,888.60	15,237.56	0.000451%													
827800	827800	4,544.63	6,362.53	10,907.16	0.000323%													
827900	827900	7,258.40	10,161.64	17,420.04	0.000516%													
828000	828000	9,778.05	13,688.99	23,467.04	0.000695%													
828100	828100	11,398.46	15,957.51	27,355.97	0.000810%													
828200	828200	7,446.65	10,425.36	17,872.01	0.000529%													
828300	828300	9,550.47	13,370.38	22,920.85	0.000679%													
828400	828400	9,631.66	13,483.96	23,115.62	0.000685%													
828500	828500	7,248.40	10,147.76	17,396.16	0.000515%													
828600	828600	5,272.53	7,380.80	12,653.33	0.000375%													
828700	828700	7,002.21	9,802.77	16,804.98	0.000498%													
828800	828800	14,062.92	19,687.90	33,750.82	0.000999%													
828800	828808	6,086.40	8,521.35	14,607.75	0.000433%													
828900	828900	7,222.40	10,111.30	17,333.70	0.000513%													
829000	829000	5,936.76	8,311.56	14,248.32	0.000422%													
829100	829100	4,062.00	5,686.80	9,748.80	0.000289%													
829200	829200	3,544.80	4,962.84	8,507.64	0.000252%													
829300	829308	30,933.23	43,306.49	74,239.72	0.002199%	301.06	421.48	0.000676%										
829400	829400	4,537.68	6,352.44	10,890.12	0.000323%													
829500	829500	14,089.25	19,725.09	33,814.34	0.001001%													
829600	829600	6,597.72	9,237.01	15,834.73	0.000469%													
829700	829700	8,753.28	12,254.28	21,007.56	0.000622%													
829800	829800	9,238.06	12,933.57	22,171.63	0.000657%													
829900	829900	6,709.49	9,393.05	16,102.54	0.000477%	390.00	546.00	0.000876%										
830000	830000	5,447.45	7,626.16	13,073.61	0.000387%													
830100	830100	5,237.72	7,332.52	12,570.24	0.000372%	4,384.11	6,137.73	0.009848%										
830200	830200	6,935.48	9,709.36	16,644.84	0.000493%													
830300	830300	8,198.62	11,477.73	19,676.35	0.000583%	179.20	250.88	0.000403%										
830400	830400	4,667.88	6,535.08	11,202.96	0.000332%													
830500	830500	5,456.54	7,638.83	13,095.37	0.000388%													
830600	830600	9,250.77	12,950.90	22,201.67	0.000657%													
830700	830700	10,388.33	14,543.35	24,931.68	0.000738%													
830800	830800	34,107.31	47,750.29	81,857.60	0.002424%	4,202.00	5,882.80	0.009439%	1,361.17	1,361.17	0.002290%	544.55	39,670.48	55,538.81	95,209.29			
830900	830900	9,909.67	13,873.24	23,782.91	0.000704%													
831000	831000	7,863.95	11,009.21	18,873.16	0.000559%													
831100	831100	5,274.48	7,383.96	12,658.44	0.000375%													
831200	831200	7,883.29	11,036.64	18,919.93	0.000560%													
831300	831300	5,129.30	7,180.71	12,310.01	0.000365%													
831400	831400	7,695.44	10,773.83	18,469.27	0.000547%													
831500	831500	8,118.05	11,365.30	19,483.35	0.000577%													
831600	831600	4,169.70	5,837.54	10,007.24	0.000296%													
831700	831700	7,263.26	10,168.67	17,431.93	0.000516%													

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care Total Employer Contributions to Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total		Total Member Contributions	Total Employer Contributions	Total Contributions
831800	831800	5,943.88	8,321.48	14,265.36	0.000422%			0.000000%			0.000000%		5,943.88	8,321.48	14,265.36
831900	831900	3,743.88	5,241.48	8,985.36	0.000266%			0.000000%			0.000000%		3,743.88	5,241.48	8,985.36
832000	832000	6,164.88	8,630.83	14,795.71	0.000438%			0.000000%			0.000000%		6,164.88	8,630.83	14,795.71
832100	832100	6,328.29	8,859.65	15,187.94	0.000450%			0.000000%			0.000000%		6,328.29	8,859.65	15,187.94
832200	832200	3,275.88	4,586.18	7,862.06	0.000233%	936.00	1,310.40	0.002103%			0.000000%		4,211.88	5,896.58	10,108.46
832300	832300	5,731.08	8,023.55	13,754.63	0.000407%			0.000000%			0.000000%		5,731.08	8,023.55	13,754.63
832400	832400	2,066.70	2,893.38	4,960.08	0.000147%			0.000000%			0.000000%		2,066.70	2,893.38	4,960.08
832500	832500	8,485.19	11,879.02	20,364.21	0.000603%			0.000000%	1,871.76	1,871.76	0.003149%	748.68	10,356.95	14,499.46	24,856.41
832600	832600	109,090.21	152,725.86	261,816.07	0.007753%			0.000000%	11,153.68	11,153.71	0.018764%	4,461.37	120,243.89	168,340.94	288,584.83
832600	982300	159,043.81	221,437.82	380,481.63	0.011268%			0.000000%			0.000000%		159,043.81	221,437.82	380,481.63
832700	832700	189,728.84	265,619.83	455,348.67	0.013485%	11,637.92	16,293.12	0.026144%	10,398.04	10,398.05	0.017492%	4,159.20	211,764.80	296,470.20	508,235.00
832800	832800	45,784.46	64,098.33	109,882.79	0.003254%			0.000000%			0.000000%		45,784.46	64,098.33	109,882.79
832900	832900	82,726.62	115,817.27	198,543.89	0.005880%			0.000000%			0.000000%		82,726.62	115,817.27	198,543.89
832900	980650	178,357.93	248,329.18	426,687.11	0.012636%			0.000000%			0.000000%		178,357.93	248,329.18	426,687.11
833000	833000	24,124.93	33,775.09	57,900.02	0.001715%			0.000000%			0.000000%		24,124.93	33,775.09	57,900.02
833100	833100	5,659.94	7,923.63	13,583.57	0.000402%			0.000000%			0.000000%		5,659.94	7,923.63	13,583.57
833200	833200	10,012.10	14,016.90	24,029.00	0.000712%	3,931.02	5,503.44	0.008831%	3,931.02	5,503.44	0.008831%		13,943.12	19,520.34	33,463.46
833200	833208	1,766.75	2,473.59	4,240.34	0.000126%	693.73	971.18	0.001558%			0.000000%		2,460.48	3,444.77	5,905.25
833300	833300	135,140.51	189,195.72	324,336.23	0.009605%	4,239.59	5,935.42	0.009524%	8,624.69	8,624.67	0.014509%	3,449.86	148,004.79	207,205.67	355,210.46
833400	833400	18,869.46	26,417.51	45,286.97	0.001341%			0.000000%			0.000000%		18,869.46	26,417.51	45,286.97
833500	833500	11,666.48	16,333.23	27,999.71	0.000829%			0.000000%			0.000000%		11,666.48	16,333.23	27,999.71
833600	833600	26,257.50	36,760.32	63,017.82	0.001866%	1,763.76	2,469.34	0.003962%	3,352.17	3,352.18	0.005639%	1,340.95	31,373.43	43,922.79	75,296.22
833600	833608	15,885.22	22,238.96	38,124.18	0.001129%			0.000000%			0.000000%		15,885.22	22,238.96	38,124.18
833700	833700	9,269.75	12,977.57	22,247.32	0.000659%			0.000000%	891.48	891.60	0.001500%	356.40	10,161.23	14,225.57	24,386.80
833800	833800	6,707.88	9,391.08	16,098.96	0.000477%			0.000000%			0.000000%		6,707.88	9,391.08	16,098.96
833900	833900	12,964.41	18,149.86	31,114.27	0.000921%			0.000000%			0.000000%		12,964.41	18,149.86	31,114.27
834000	834000	11,922.21	16,691.24	28,613.45	0.000847%	1,247.77	1,746.94	0.002803%	2,183.63	2,183.63	0.003673%	873.37	15,353.61	21,495.18	36,848.79
834100	834100	7,451.94	10,432.38	17,884.32	0.000530%			0.000000%	2,398.68	2,398.72	0.004035%	959.49	9,850.62	13,790.59	23,641.21
834200	834200	11,390.58	15,946.48	27,337.06	0.000810%			0.000000%			0.000000%		11,390.58	15,946.48	27,337.06
834300	834300	2,339.88	3,275.88	5,615.76	0.000166%	936.00	1,310.40	0.002103%			0.000000%		3,275.88	4,586.28	7,862.16
834400	834400	9,435.80	13,209.81	22,645.61	0.000671%			0.000000%			0.000000%		9,435.80	13,209.81	22,645.61
834500	834500	9,658.17	13,521.12	23,179.29	0.000686%			0.000000%			0.000000%		9,658.17	13,521.12	23,179.29
834600	834600	8,169.07	11,436.76	19,605.83	0.000581%			0.000000%			0.000000%		8,169.07	11,436.76	19,605.83
834700	834700	8,299.83	11,619.51	19,919.34	0.000590%			0.000000%			0.000000%		8,299.83	11,619.51	19,919.34
834800	834800	6,498.33	9,097.70	15,596.03	0.000462%			0.000000%			0.000000%		6,498.33	9,097.70	15,596.03
834900	834908	5,209.68	7,293.60	12,503.28	0.000370%			0.000000%			0.000000%		5,209.68	7,293.60	12,503.28
835000	835000	14,372.97	20,122.22	34,495.19	0.001022%			0.000000%	1,847.76	1,847.76	0.003108%	739.20	16,220.73	22,709.18	38,929.91
835100	835100	11,911.53	16,676.06	28,587.59	0.000847%			0.000000%	2,495.52	2,495.52	0.004198%	998.40	14,407.05	20,169.98	34,577.03
835200	835200	8,102.72	11,343.74	19,446.46	0.000576%			0.000000%			0.000000%		8,102.72	11,343.74	19,446.46
835300	835300	6,145.72	8,603.67	14,749.39	0.000437%			0.000000%			0.000000%		6,145.72	8,603.67	14,749.39
835400	835400	10,242.20	14,209.62	24,451.82	0.000724%			0.000000%			0.000000%	129.67	10,242.20	14,339.29	24,581.49
835500	835500	15,626.86	21,877.80	37,504.66	0.001111%			0.000000%	3,492.23	3,492.23	0.005875%	1,396.89	19,119.09	26,766.92	45,886.01
835600	835600	16,268.73	22,776.36	39,045.09	0.001156%			0.000000%			0.000000%		16,268.73	22,776.36	39,045.09
835700	835700	7,710.67	10,794.72	18,505.39	0.000548%	1,134.24	1,587.84	0.002548%			0.000000%		8,844.91	12,382.56	21,227.47
835800	835800	4,896.06	6,854.49	11,750.55	0.000348%			0.000000%	2,638.42	2,638.38	0.004438%	1,055.40	7,534.48	10,548.27	18,082.75
835900	835900	10,587.16	14,821.82	25,408.98	0.000752%			0.000000%	580.22	580.21	0.000976%	232.09	11,167.38	15,634.12	26,801.50
836000	836000	24,062.33	33,687.05	57,749.38	0.001710%			0.000000%	1,134.24	1,134.24	0.001908%	453.60	25,196.57	35,274.89	60,471.46
836100	836100	10,046.04	14,064.14	24,110.18	0.000714%			0.000000%			0.000000%		10,046.04	14,064.14	24,110.18
836200	836200	18,596.40	26,034.99	44,631.39	0.001322%			0.000000%	1,361.16	1,361.16	0.002290%	544.56	19,957.56	27,940.71	47,898.27
836200	836208	4,602.66	6,443.72	11,046.38	0.000327%			0.000000%			0.000000%		4,602.66	6,443.72	11,046.38
836300	836300	9,584.13	13,417.74	23,001.87	0.000681%	1,134.20	1,587.88	0.002548%			0.000000%		10,718.33	15,005.62	25,723.95
836400	836400	12,492.72	17,489.57	29,982.29	0.000888%			0.000000%	992.64	992.64	0.001670%	396.96	13,485.36	18,879.17	32,364.53
836500	836500	14,961.22	20,945.85	35,907.07	0.001063%			0.000000%			0.000000%		14,961.22	20,945.85	35,907.07
836600	836600	13,878.21	19,429.21	33,307.42	0.000986%			0.000000%			0.000000%		13,878.21	19,429.21	33,307.42
836700	836700	12,635.24	17,689.12	30,324.36	0.000898%			0.000000%			0.000000%		12,635.24	17,689.12	30,324.36
836800	836800	11,049.35	15,468.95	26,518.30	0.000785%			0.000000%	1,134.24	1,134.24	0.001908%	453.60	12,183.59	17,056.79	29,240.38
836900	836900	10,769.55	15,077.55	25,847.10	0.000765%			0.000000%			0.000000%		10,769.55	15,077.55	25,847.10
837000	837000	13,478.72	18,869.89	32,348.61	0.000958%			0.000000%			0.000000%		13,478.72	18,869.89	32,348.61
837100	837100	4,802.80	6,723.72	11,526.52	0.000341%	5,609.17	7,852.73	0.012600%			0.000000%		10,411.97	14,576.45	24,988.42
837200	837200	14,036.02	19,650.32	33,686.34	0.000998%			0.000000%	1,134.21	1,134.21	0.001908%	453.68	15,170.23	21,238.21	36,408.44
837300	837300	10,023.85	14,033.44	24,057.29	0.000712%			0.000000%	2,118.77	2,118.76	0.003564%	847.60	12,142.62	16,999.80	29,142.42
837400	837400	15,743.55	22,041.04	37,784.59	0.001119%			0.000000%			0.000000%		15,743.55	22,041.04	37,784.59
837500	837500	8,850.58	12,390.84	21,241.42	0.000629%			0.000000%	47.06	47.01	0.000079%	18.86	8,897.64	12,456.71	21,354.35
837600	837600	4,997.50	6,996.35	11,993.85	0.000355%	1,485.36	2,079.59	0.003337%			0.000000%		6,482.86	9,075.94	15,558.80
837700	837700	6,834.73	9,568.48	16,403.21	0.000486%	3,961.80	5,546.40	0.008900%			0.000000%		10,796.53	15,114.88	25,911.41

**OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
SCHEDULE OF EMPLOYER ALLOCATIONS - DEFINED BENEFIT - PENSION
FOR THE YEAR ENDED DECEMBER 31, 2019**

Primary Employer Code	Child Employer Code	Traditional Pension Plan				Combined Plan			Member-Directed Plan			Health Care	All Plans (Unaudited)		
		Member Contributions	Employer Contributions to Pension	Total Pension Contributions	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Member Contributions	Employer Contributions to Pension	Proportionate Share % of Pension Total	Total Employer Contributions to Health Care	Total Member Contributions	Total Employer Contributions	Total Contributions
837800	837800	5,177.13	7,248.03	12,425.16	0.000368%										
837900	837900	11,953.34	16,734.18	28,687.52	0.000850%										
838000	838000	7,485.48	10,479.70	17,965.18	0.000532%										
838100	838100	6,368.38	8,915.78	15,284.16	0.000453%										
838200	838200	9,268.18	12,975.44	22,243.62	0.000659%										
838300	838308	10,704.60	14,986.19	25,690.79	0.000761%										
838400	838400	9,678.48	13,549.56	23,228.04	0.000688%										
838500	838508	9,706.81	13,589.20	23,296.01	0.000690%										
838600	838600	8,674.53	12,144.08	20,818.61	0.000617%										
838700	838700	13,540.35	18,956.70	32,497.05	0.000962%										
838800	838800	10,707.23	14,989.77	25,697.00	0.000761%										
838900	838900	12,219.39	17,106.83	29,326.22	0.000868%										
839000	839000	9,949.74	13,929.32	23,879.06	0.000707%										
839100	839108	7,792.35	10,909.42	18,701.77	0.000554%	1,247.76	1,746.95	0.002803%							
839200	839200	7,598.81	10,638.06	18,236.87	0.000540%										
839300	839300	53,779.48	75,291.35	129,070.83	0.003822%	4,892.98	6,850.17	0.010992%							
839300	884000	(488.43)	(717.38)	(1,205.81)	-0.000036%										
839300	984000	114,335.90	159,191.63	273,527.53	0.008100%										
839400	839400	10,467.33	14,653.96	25,121.29	0.000744%										
839500	839500	58,931.97	82,504.28	141,436.25	0.004189%										
839600	839600	9,725.52	13,615.25	23,340.77	0.000691%										
839700	839700	12,705.60	17,787.66	30,493.26	0.000903%										
839800	839800	11,045.31	15,463.12	26,508.43	0.000785%										
839900	839908	103,143.91	144,401.12	247,545.03	0.007331%	14,139.71	19,795.55	0.031764%							
839900	982808	254,879.08	354,865.12	609,744.20	0.018057%										
840000	840000	8,042.42	11,259.07	19,301.49	0.000572%										
840100	840100	9,988.81	13,983.94	23,972.75	0.000710%										
840400	840400	46,646.96	65,305.72	111,952.68	0.003315%										
840500	840500	11,336.86	15,871.26	27,208.12	0.000806%										
840600	840600	6,115.07	8,560.79	14,675.86	0.000435%										
840700	840700	5,754.48	8,055.96	13,810.44	0.000409%										
840800	840800	4,620.05	6,468.07	11,088.12	0.000328%										
840900	840900	10,149.98	14,209.84	24,359.82	0.000721%										
841000	841000	7,339.68	10,275.24	17,614.92	0.000522%										
841100	841100	4,578.68	6,410.08	10,988.76	0.000325%										
841200	841200	4,168.80	5,836.32	10,005.12	0.000296%										
841300	841300	5,006.27	7,008.47	12,014.74	0.000356%										
841400	841400	4,508.88	6,312.48	10,821.36	0.000320%										
841500	841500	6,627.20	9,277.73	15,904.93	0.000471%										
841600	841600	3,487.70	4,882.78	8,370.48	0.000248%										
841700	841700	4,211.32	5,896.04	10,107.36	0.000299%										
841800	841800	6,199.40	8,679.19	14,878.59	0.000441%										
841900	841900	4,215.07	5,901.06	10,116.13	0.000300%										
842000	842000	6,109.33	8,552.75	14,662.08	0.000434%										
869700	869700	75,621.81	105,870.49	181,492.30	0.005375%	3,421.20	4,789.68	0.007685%							
869700	869708	14,767.71	20,674.81	35,442.52	0.001050%										
876700	876708	153,355.36	214,697.53	368,052.89	0.010900%	6,169.89	8,637.86	0.013860%							
Total		1,407,213,042.03	1,969,560,439.87	3,376,773,481.90	100.000000%	44,516,077.67	62,321,579.21	100.000000%	59,441,327.34	59,443,081.35	100.000000%	23,774,484.27	1,511,170,447.04	2,115,099,584.70	3,626,270,031.74
690300	690308	3,288,928.74	4,611,735.50	7,900,664.24		270,609.87	377,579.90		1,347,954.75	1,349,840.25		543,656.71	4,907,493.36	6,882,812.36	11,790,305.72
Grand Total		\$1,410,501,970.77	\$1,974,172,175.37	\$3,384,674,146.14		\$44,786,687.54	\$62,699,159.11		\$60,789,282.09	\$60,792,921.60		\$24,318,140.98	\$1,516,077,940.40	\$2,121,982,397.06	\$3,638,060,337.46

Ohio Public Employees Retirement System
Notes to Schedules of Collective Pension 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 2016, the 115 Trust, established under IRC Section 115, is the funding vehicle for all health care plans.

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

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. Pension 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 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

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

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 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

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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.
- **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.

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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 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

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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

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. 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. 67 (GASB 67), *Financial Reporting for Pension Plans—an amendment of GASB Statement No. 25*, 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.

The plans selected by members are unknown to employers and are maintained solely by OPERS. The plan level information is essential to employers implementing GASB Statement No. 68 (GASB 68), *Accounting and Financial Reporting for Pensions—an amendment of GASB Statement No. 27*, Statement No. 71 (GASB 71), *Pension Transition for Contributions Made Subsequent to the Measurement Date—an amendment of GASB Statement No. 68* and any subsequent statements amending these requirements, as only defined benefit plans are subject to the new financial reporting requirements. Defined contribution and OPEB plans do not fall under the requirements of GASB 68 applicable to the reporting and disclosure regarding defined benefit net pension liabilities and associated activity. GASB 68 defines additional disclosure requirements for defined contribution plans.

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2. Summary of Significant Accounting Policies

- a. Basis of Accounting**—The Schedules of Collective Pension 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 pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the 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. Pension benefit payments are due the first day of the month following the retirement of a member, and the first of each month thereafter. Refunds, for any member who makes a written application to withdraw his/her contributions, are payable two months after termination of the member's OPERS-covered employment. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Additions to the plans consist of contributions (member and employer), other contracts and receipts, interplan activities, 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, both member and 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. Member and employer contributions are due 30 days after the month in which salaries are earned based on pay period end date. Plan changes, or interplan activity, are recorded as an addition or deduction based on the nature of the transaction, when the transaction occurs. 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**—Within the Traditional Pension Plan, OPERS classifies employees into four divisions: State, Local, Law Enforcement and Public Safety. The Public Safety and Law Enforcement divisions have different contribution rates, benefit formulas, and retirement eligibility requirements than those of the State and Local members. The member and employer contribution rates are set in statute. Both the member and employer contribution rates for Public Safety and Law Enforcement members are higher than those of the State and Local members to recognize the higher cost of these benefits. Accordingly, for the Traditional Pension Plan, both member and employer contributions are used to calculate the proportionate shares for employers in the Schedule of Employer Allocations.

The calculation of proportionate shares for the Combined Plan in the Schedule of Employer Allocations is based on employer contributions only. In this plan, the employer contributions are used to determine the defined benefit portion of the retirement benefit and only the State and Local divisions participate in the Combined Plan, and those employer rates are identical.

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The Member-Directed Plan is a defined contribution plan in which at retirement members have the option to convert their defined contribution account to a defined benefit annuity. The purchased defined benefit annuities are calculated based on the members' contributions, vested employer contributions and investment gains and losses resulting from the members' investment selections. The calculation of proportionate shares for the Member-Directed Plan in the Schedule of Employer Allocations is based on employer contributions to the plan as contributions specific to purchased defined benefit annuities are identifiable only to retirees annuitizing their benefit. Additionally, only the State and Local divisions participate in the Member-Directed Plan and those employer rates are identical.

The member and employer contributions included in the OPERS Combining Statements of Changes in Fiduciary Net Position included in the OPERS 2019 CAFR, presented below, provided the basis for the proportionate share percentages calculated by OPERS and reported in the Schedule of Employer Allocations.

Total Contributions Used in Schedule of Employer Contributions			
	Traditional Pension Plan	Combined Plan	Member-Directed Plan
Total Member Contributions	\$1,410,501,971		
Total Employer Contributions	1,974,172,176	\$62,699,159	\$60,792,922
Total Pension Contributions for proportionate share calculations	\$3,384,674,147	\$62,699,159	\$60,792,922

3. Net Pension Liability/(Asset)

The net pension liability or asset for the Traditional Pension Plan, Combined Plan and Member-Directed Plan, were measured as of December 31, 2019, and the total pension liabilities were determined by an actuarial valuation as of that date. Refer to the following table for the balances by plan as of December 31, 2019. Additional information on the changes in net pension liability or asset by plan and contribution information by plan can be found in the Required Supplementary Information of the Financial Section in the OPERS 2019 CAFR.

Net Pension Liability/(Asset) (\$ in millions)			
	Traditional Pension Plan	Combined Plan	Member-Directed Plan
As of December 31, 2019			
Total Pension Liability	\$110,887	\$461	\$20
Plan Fiduciary Net Position	91,122	669	24
Employers' Net Pension Liability/(Asset)	\$19,765	(\$208)	(\$4)
Plan Fiduciary Net Position as a Percentage of Total Pension Liability/(Asset)	82.17%	145.28%	118.84%

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 benefits 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 benefits provided at the

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time of each valuation. The total pension liability was determined by an actuarial valuation as of December 31, 2019, using the following key actuarial assumptions and methods applied to all prior periods included in the measurement in accordance with the requirements of GASB 67.

Key Methods and Assumptions Used in Valuation of Total Pension Liability			
Actuarial Information	Traditional Pension Plan	Combined Plan	Member-Directed Plan
Measurement and Valuation Date	December 31, 2019	December 31, 2019	December 31, 2019
Experience Study	5-Year Period Ended December 31, 2015	5-Year Period Ended December 31, 2015	5-Year Period Ended December 31, 2015
Actuarial Cost Method	Individual entry age	Individual entry age	Individual entry age
Actuarial Assumptions			
Investment Rate of Return	7.20%	7.20%	7.20%
Wage Inflation	3.25%	3.25%	3.25%
Projected Salary Increases	3.25%-10.75% (includes wage inflation at 3.25%)	3.25%-8.25% (includes wage inflation at 3.25%)	3.25%-8.25% (includes wage inflation at 3.25%)
Cost-of-living Adjustments	Pre-1/7/2013 Retirees: 3.00% Simple Post-1/7/2013 Retirees: 1.40% Simple through 2020, then 2.15% Simple	Pre-1/7/2013 Retirees: 3.00% Simple Post-1/7/2013 Retirees: 1.40% Simple through 2020, then 2.15% Simple	Pre-1/7/2013 Retirees: 3.00% Simple Post-1/7/2013 Retirees: 1.40% Simple through 2020, then 2.15% Simple

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.

The discount rate used to measure the total pension liability was 7.2% for the Traditional Pension Plan, Combined Plan and Member-Directed Plan. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and those of the contributing employers are made at the contractually required rates, as actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments for the Traditional Pension Plan, Combined Plan and Member-Directed Plan was applied to all periods of projected benefit payments to determine the total pension liability.

The allocation of investment assets within the Defined Benefit portfolio is approved by the Board as outlined in the annual investment plan. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the defined benefit pension plans. The long-term expected rate of return on defined benefit investment assets was determined using a building-block method in which best-estimate ranges of expected future real rates of return are developed for each major asset class. These ranges are combined to

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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 Defined Benefit 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	25.00%	1.83%
Domestic Equities	19.00	5.75
Real Estate	10.00	5.20
Private Equity	12.00	10.70
International Equities	21.00	7.66
Other Investments	13.00	4.98
Total	100.00%	5.61%

During 2019, OPERS managed investments in three investment portfolios: the Defined Benefit portfolio, the Health Care portfolio and the Defined Contribution portfolio. The Defined Benefit portfolio contains the investment assets of the Traditional Pension Plan, the defined benefit component of the Combined Plan and the annuitized accounts of the Member-Directed Plan. Within the Defined Benefit portfolio, contributions into the plans are all recorded at the same time, and benefit payments all occur on the first of the month. 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 Defined Benefit portfolio was 17.2% for 2019.

The following table presents the net pension liability or asset calculated using the discount rate of 7.2%, and the expected net pension liability or asset if it were calculated using a discount rate that is 1.0% lower or 1.0% higher than the current rate.

Sensitivity of Net Pension Liability/(Asset) to Changes in Discount Rate (\$ in millions)			
Employers' Net Pension Liability/(Asset) As of December 31, 2019	1% Decrease 6.2%	Current Discount Rate 7.2%	1% Increase 8.2%
Traditional Pension Plan	\$32,600	\$19,765	\$8,228
Combined Plan	(\$126)	(\$208)	(\$268)
Member-Directed Plan	(\$2)	(\$4)	(\$5)

5. Average Remaining Service Life

GASB 68 requires that changes arising from differences between expected and actual experience or from changes in actuarial assumptions be recognized in pension expense over the average remaining service life of all employees provided with benefits through the pension plan (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 for the Traditional Pension Plan was 2.5555 years, for the Combined Plan was 8.8010 years, and for the Member-Directed Plan was 10.2456 years. Employers should use these amounts when calculating elements of pension expense subject to amortization requirements as defined in GASB 68 and reported in the Schedule of Collective Pension Amounts.

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6. Deferred Inflows and Deferred Outflows

As noted in the Schedule of Collective Pension Amounts, the deferred inflows and outflows do not include the layer of amortization that is recognized in current year pension 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 pension 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 pension 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 Pension Expense	Balance of 2019 Deferred Inflows/(Outflows) in Current Reporting Period
Traditional Pension Plan				
Difference Between Expected and Actual Experience	\$242,316,671	2.5555 years	\$94,821,628	\$147,495,043
Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	\$7,827,772,587	5 years	\$1,565,554,517	\$6,262,218,070
Combined Plan				
Difference Between Expected and Actual Experience	\$11,815,169	8.8010 years	\$1,342,480	\$10,472,689
Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	\$54,553,614	5 years	\$10,910,723	\$43,642,891
Member-Directed Plan				
Difference Between Expected and Actual Experience	(\$4,907,312)	10.2456 years	(\$478,968)	(\$4,428,344)
Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	\$2,175,035	5 years	\$435,007	\$1,740,028

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

Cumulative Deferred Inflows/(Outflows) of Resources by Year to be Recognized in Future Pension Expenses			
Year Ending December 31	Traditional Pension Plan Net Deferred Inflows/(Outflows) of Resources	Combined Plan Net Deferred Inflows of Resources	Member-Directed Plan Net Deferred Outflows of Resources
2020	\$461,343,602	\$13,288,245	(\$1,485,935)
2021	1,273,371,489	12,780,356	(1,509,437)
2022	(163,270,639)	5,238,836	(1,811,043)
2023	1,565,554,519	15,140,801	(1,350,172)
2024	-	2,825,343	(1,622,410)
Thereafter	-	5,226,750	(4,277,674)
Total	\$3,136,998,971	\$54,500,331	(\$12,056,671)

7. Subsequent Event

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.

8. Additional Financial and Actuarial Information

Additional information supporting the preparation of the Schedules of Collective Pension Amounts and Employer Allocations (including the disclosure of the net pension liability/(asset), required supplementary information on the net pension liability/(asset), 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

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OHIO AUDITOR OF STATE KEITH FABER



OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM GASB 68

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**