Ohio Police & Fire Pension Fund

Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

As of and For the Year Ended December 31, 2017



Dave Yost • Auditor of State

Board of Trustees Ohio Police and Fire Pension Fund 140 East Town Street Columbus, Ohio 43215

We have reviewed the *Independent Auditor's Report* for the GASB 75 (OPEB) related schedules of the Ohio Police and Fire Pension Fund, Franklin County, prepared by RSM US LLP, for the audit period January 1, 2017 through December 31, 2017. 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 Police and Fire Pension Fund is responsible for compliance with these laws and regulations.

Jare Yost

Dave Yost Auditor of State

November 15, 2018

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RSM US LLP

Independent Auditor's Report

The Retirement Board Ohio Police & Fire Pension Fund and The Honorable Dave Yost

Report on the Schedules

We have audited the accompanying schedule of employer allocations of the Ohio Police & Fire OPEB Fund as of and for the year ended December 31, 2017, and the related notes. We have also audited the total for all entities of the columns titled net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total employer OPEB expense (specified column totals) included in the accompanying schedule of OPEB amounts by employer of the Ohio Police & Fire OPEB Plan as of and for the year ended December 31, 2017, 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.

Auditor's Responsibility

Our responsibility is to express opinions on the schedule of employer allocations and the specified column totals included in the schedule of OPEB amounts by employer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer allocations and specified column totals included in the schedule of OPEB amounts by employer 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 and specified column totals included in the schedule of OPEB amounts by employer. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations and specified column totals included in the schedule of OPEB amounts by employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule of employer allocations and specified column totals included in the schedule of employer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedule of employer allocations and specified column totals included in the schedule of operation.

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

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Opinions

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations, net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total employer OPEB expense for all participating entities of the Ohio Police & Fire Pension Fund as of and for the year ended December 31, 2017, in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 9 to the financial statements, certain columns in the Schedule of OPEB Amounts by Employer have been restated to correct a misstatement. Our opinion is not modified with respect to this matter.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of Ohio Police & Fire Pension Fund as of and for the year ended December 31, 2017, and our report thereon, dated June 29, 2018, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of the Ohio Police & Fire Pension Fund's management, and Ohio Police & Fire Pension Fund's employers as of and for the year ended December 31, 2017 and their auditors and is not intended to be, and should not be, used by anyone other than these specified parties.

RSM US LLP

Columbus, Ohio September 14, 2018, except as to Note 9, which is as of November 12, 2018

Employer Code	2017 Actua Employer Contributior	Allocation
0001P	\$ 15,48	0 0.003348%
0002P	67,46	
0003P	11,02	
0006F	6,087,57	
0006P	6,014,15	
0009F	220,35	
0010F	438,78	
0010P	473,13	0 0.102322%
0011P	323,89	3 0.070047%
0012P	40,94	8 0.008856%
0013P	255,23	7 0.055199%
0014F	1,287,86	1 0.278520%
0015P	24,87	3 0.005379%
0016P	16,30	3 0.003526%
0017P	13,77	9 0.002980%
0018P	20,12	
0019P	36,54	
0020F	116,95	
0020P	88,24	
0021P	-	0.00000%
0022F	533,64	
0022P	378,66	
0023P	14,19	
0024F	375,30	
0024P	441,74	
0025F	215,82	
0026P	81,26	
0027F	411,37	
0027P	351,86	
0028P	6,18	
0029F	410,31	
0029P	444,53	
0030F	330,12	
0031F 0031P	671,77 594,33	
0031F	593,08	
0032P	469,33	
0033F	63,82	
0035P	19,26	
0036F	777,43	
0036P	568,57	
0037P	55,11	
0039P	40,05	
0040F	207,89	
0041F	482,76	
vv	-02,70	0.10440070

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0041P	359,681	0.077787%
0042F	146,748	0.031737%
0045F	1,023,269	0.221298%
0045P	764,128	0.165255%
0047F	-	0.000000%
0047P	817,533	0.176804%
0048F	1,315,736	0.284549%
0050F	559,816	0.121069%
0050P	483,240	0.104508%
0051F	508,991	0.110077%
0051P	450,915	0.097518%
0052P	54,765	0.011844%
0053F	132,352	0.028623%
0053P	181,723	0.039301%
0054F	281,644	0.060910%
0054P	350,281	0.075754%
0055F	72,662	0.015714%
0055P	148,863	0.032194%
0056P	32,195	0.006963%
0057P	109,802	0.023746%
0058P	52,161	0.011281%
0059F	495,261	0.107108%
0059P	449,222	0.097151%
0060P	6,997	0.001513%
0061P	38,265	0.008275%
0062P	28,855	0.006240%
0063P	21,253	0.004596%
0064P	573,302	0.123986%
0065P	60,719	0.013132%
0066F	329,859	0.071337%
0069F	625,456	0.135265%
0069P	638,111	0.138002%
0070P	71,435	0.015449%
0071F	551,427	0.119255%
0072P	48,552	0.010500%
0073P	9,049	0.001957%
0074F	961,854	0.208016%
0074P	637,713	0.137915%
0077P	186,820	0.040403%
0078F	312,051	0.067486%
0078P	473,361	0.102372%
0080P	46,365	0.010027%
0081P	42,198	0.009126%
0083F	379,537	0.082081%
0083P	501,249	0.108403%
0084F	691,254	0.149494%

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0084P	619,236	0.133919%
0085F	83,964	0.018159%
0086F	473,376	0.102375%
0086P	517,894	0.112003%
0087P	215,883	0.046688%
0089F	19,290	0.004172%
0089P	155,595	0.033650%
0090F	526,493	0.113862%
0090P	636,860	0.137731%
0091F	74,494	0.016110%
0091P	207,542	0.044884%
0093P	11,821	0.002556%
0094F	223,193	0.048269%
0094P	229,629	0.049661%
0095P	23,152	0.005007%
0096F	264,353	0.057170%
0098P	16,562	0.003582%
0099F	-	0.000000%
0099P	56,891	0.012304%
0101F	299,726	0.064820%
0101P	262,208	0.056707%
0102P	22,241	0.004810%
0103F	54,327	0.011749%
0103P	139,829	0.030240%
0104P	115,593	0.024999%
0106P	228,261	0.049365%
0107F	2,254,411	0.487552%
0107P	1,955,680	0.422947%
0108F	189,867	0.041062%
0109F	107,996	0.023356%
0110P	34,370	0.007433%
0111F	-	0.00000%
0111P	92,361	0.019974%
0112F	61,562	0.013314%
0113P	63,913	0.013822%
0115P	52,622	0.011380%
0116P	-	0.00000%
0117P	30,688	0.006637%
0118F	242,028	0.052342%
0118P	193,452	0.041837%
0120P	679,106	0.146867%
0121P	188,158	0.040692%
0122F	98,731	0.021352%
0123P	171,663	0.037125%
0125P	6,878	0.001488%
0126F	139,346	0.030136%

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Employer Code Contribution Percentage 0120P 154,302 0.033370% 0127F 702,528 0.151933% 0127P 569,991 0.12268% 0128F 16,538,619 3.576738% 0129F 239,526 0.051801% 0129F 262,232 0.056712% 0130F 873,485 0.18905% 0131F 13,116,684 2.836688% 0132F 1,739,886 0.376278% 0132F 1,047,315 0.226498% 0132F 1,047,315 0.22820% 0132F 10,047,315 0.22820% 0133P 39,569 0.008557% 0134F 13,1874 0.028520% 0135F 10,252 0.002217% 0136P 17,403 0.33836% 0137P 22,671 0.004035% 0138P 1414F 0.02850% 0140F 1,532,372 0.33139% 0142F 34,146,854 7,84733% 0144F 307,47		2017 Actual Employer	Employer Allocation
0127F 702,528 0.151933% 0128F 16,538,619 3.576738% 0128P 16,778,936 0.051801% 0129F 239,526 0.061801% 0129P 26,232 0.056712% 0130F 873,485 0.188905% 0131P 20,714,979 4.479939% 0132F 1,047,315 0.262498% 0132P 1,047,315 0.264498% 0132P 1,047,315 0.264498% 0132P 1,047,315 0.226498% 0133P 39,569 0.008557% 0134F 131,874 0.028520% 0133P 1,047,315 0.226498% 0133P 1,042,52 0.0028520% 0134F 131,874 0.028520% 0135F 1,0252 0.002853% 0136P 177,403 0.38366% 0137P 226,671 0.00493% 0149F 1,532,372 0.331399% 0141P 1,31960 0.02853% 0142F 34,611,93	Employer Code	• •	
0127P 569,901 0.123269% 0128F 16,538,619 3.576738% 0128F 239,528 0.051801% 0129P 239,528 0.056712% 0130F 873,485 0.188905% 0131F 13,116,684 2.836808% 0131P 20,714,979 4.479939% 0132F 1,739,886 0.376278% 0132P 1,047,315 0.228498% 0133F 10,252 0.00217% 0133F 10,252 0.00257% 0134F 13,1874 0.028520% 0135F 10,252 0.00217% 0136P 17,7403 0.038366% 0137P 22,671 0.00493% 0140F 152,372 0.33139% 0141P 131,960 0.028539% 0142F 34,611,911 7.48337% 0142F 34,611,911 7.48337% 0142F 36,7369 0.004025% 0142F 36,7369 0.00425% 0142F 36,609	0126P	154,302	0.033370%
0128F 16,538,619 3,576736% 0128P 16,779,396 3,62800% 0129P 226,232 0,058114% 0130F 873,485 0,188905% 0131F 13,116,684 2,83688% 0131P 20,714,979 4,479939% 0132F 1,047,315 0,226438% 0133P 39,569 0,00857% 0134F 13,18,674 0,228438% 0133P 39,569 0,00857% 0134F 10,252 0,028520% 0135F 10,252 0,028520% 0136P 177,403 0,038366% 0137P 22,671 0,004903% 0139P 74,244 0,016057% 0140F 1,532,372 0,33199% 0141P 13,1960 0,028539% 0142P 34,146,854 7,384733% 0142P 34,146,854 7,384733% 0142P 34,148,854 0,31817% 0144F 307,474 0,068496% 01445F 367,359 <td>0127F</td> <td>702,528</td> <td>0.151933%</td>	0127F	702,528	0.151933%
0128P 16,779,396 3.628808% 0129F 239,526 0.051801% 0130F 287,3485 0.188005% 0131F 13,116,684 2.836689% 0132P 20,714,979 4.479939% 0132F 1,739,866 0.376278% 0132P 1,047,315 0.226498% 0132P 39,569 0.008557% 0134F 131,874 0.022217% 0135F 0.02217% 0.033366% 0137P 22,671 0.00403% 0139P 74,244 0.016057% 0140F 1,52,372 0.331399% 0141P 131,980 0.0228539% 0142P 34,611,931 7.485373% 0142P 34,611,931 7.485373% 0142F 307,474 0.068496% 0144F 307,474 0.068496% 0144F 307,474 0.068496% 0144F 307,474 0.068495% 0144F 307,474 0.068495% 0144F 328,883	0127P	569,991	0.123269%
0129F 239,526 0.051801% 0130F 262,232 0.056712% 0131F 13,116,684 2.836689% 0131P 20,714,979 4.479939% 0132P 1,739,886 0.376278% 0132P 1,047,315 0.226498% 0133P 39,659 0.008557% 0134F 13,1874 0.028520% 0135F 10,252 0.00217% 0136P 17,403 0.038366% 0137P 22,671 0.04903% 0139P 74,244 0.016057% 0141F 131,960 0.028539% 0142F 34,611,931 7.485373% 0142F 34,611,931 7.485373% 0142F 34,614,654 7.384793% 0142F 34,611,931 7.485373% 0142F 36,654 7.38473% 0142F 36,654 7.38473% 0142F 36,656 0.079449% 0143F 307,474 0.066496% 0144F 328,883	0128F	16,538,619	3.576736%
0129P 262,232 0.056712% 0131F 873,485 0.188905% 0131P 20,714,979 4.479939% 0132P 1,739,886 0.376278% 0132P 1,047,315 0.226498% 0132P 1,047,315 0.226498% 0133P 39,569 0.008557% 0134F 131,874 0.028520% 0135F 0.002217% 0.002217% 0136P 177,403 0.03366% 0137P 22,671 0.004903% 0140F 1,532,372 0.331399% 0141P 131,960 0.028539% 0142F 34,611,931 7.485373% 0142F 34,611,931 7.485373% 0142F 34,148,854 0.004025% 0142F 367,369 0.079449% 0144F 307,474 0.068496% 0144F 307,374 0.029183% 0144F 367,369 0.079449% 0145F 228,83 0.071126% 0147P 9,167 <td>0128P</td> <td>16,779,396</td> <td>3.628808%</td>	0128P	16,779,396	3.628808%
0130F 873,485 0.188905% 0131F 13,116,684 2.836689% 0132F 1,739,886 0.376278% 0132P 1,047,315 0.226498% 0133F 0.008557% 0.008557% 0134F 131,874 0.028520% 0135F 10,252 0.00217% 0135F 12,2671 0.004903% 0137P 22,671 0.004903% 0139P 7,4244 0.016057% 0140F 1,532,372 0.331399% 0141P 131,960 0.028539% 0142P 34,611,931 7,485373% 0142P 34,416,854 7,38473% 0142P 34,146,854 7,384793% 0142P 36,611,931 7,485373% 0143F 307,474 0.0664496% 0144F 307,747 0.0664496% 0145F 367,369 0.071426% 0146F 147,121 0.031817% 0146F 147,121 0.031817% 0146F 220,67	0129F	239,526	0.051801%
0131F 13,116,684 2.836689% 0132P 20,714,979 4.479939% 0132P 1,739,886 0.376278% 0133P 39,568 0.02857% 0134F 11,18,74 0.028520% 0135F 10,252 0.002217% 0136P 177,403 0.038366% 0137P 22,671 0.004903% 0139P 74,244 0.016057% 0140F 1,532,372 0.331399% 0141P 131,960 0.028539% 0142F 34,611,931 7.485373% 0142F 34,146,854 7.384793% 0142P 34,146,854 7.384793% 0143P 18,609 0.004025% 0144F 307,474 0.066496% 0144F 307,474 0.066496% 0145F 363,683 0.071126% 0146F 147,121 0.031817% 0146F 1434,873 0.02918% 0146F 328,883 0.071126% 0150F 133,631 0.029168% 0150F 133,639 0.04675% <td>0129P</td> <td>262,232</td> <td>0.056712%</td>	0129P	262,232	0.056712%
0131P 20,714,979 4.479939% 0132F 1,739,886 0.376278% 0133P 1,047,315 0.226498% 0133F 0.31659 0.00857% 0134F 131,874 0.028520% 0135F 10,252 0.002217% 0136P 177,403 0.03866% 0137P 22,671 0.004903% 0140F 1,532,372 0.33139% 0141P 131,860 0.028539% 0142F 34,611,931 7.485373% 0142P 34,611,931 7.485373% 0142F 307,474 0.066496% 0143F 307,474 0.066496% 0143F 307,474 0.066496% 0143F 307,474 0.066496% 0144F 307,474 0.066496% 0143F 307,474 0.066496% 0143F 307,474 0.066496% 0144F 307,474 0.066496% 0145F 302,4757% 0.04457% 0146F 228,813	0130F	873,485	0.188905%
0132F 1,739,886 0.376278% 0132P 1,047,315 0.226488% 0133P 39,569 0.008557% 0134F 131,874 0.028520% 0135F 10,252 0.00217% 0136P 177,403 0.038366% 0137P 22,671 0.004033% 0139P 74,244 0.016057% 0141F 131,960 0.028538% 0142F 34,611,931 7.485373% 0144F 307,474 0.066496% 0144F 307,474 0.066496% 0144F 307,477 0.001983% 0144F 307,477 0.001983% 0144F 307,477 0.006496% 0144F 307,477 0.00206578 01446F 147,121	0131F	13,116,684	2.836689%
0132P 1.047,315 0.226498% 0133F 39,569 0.008557% 0134F 131,874 0.02820% 0135F 10,252 0.00217% 0136P 177,403 0.038366% 0137P 22,671 0.004903% 0139P 74,244 0.016057% 0140F 1,532,372 0.31399% 0141P 131,960 0.028539% 0142F 34,611,931 7.485373% 0142P 34,146,854 7.34733% 0143P 18,609 0.004025% 0144F 307,474 0.066486% 0143P 18,609 0.079449% 0146F 147,121 0.031817% 0146F 147,121 0.031817% 0146F 134,873 0.029168% 0146F 147,121 0.031817% 0146F 134,873 0.029168% 0146F 134,873 0.029168% 0150F 134,873 0.029168% 0152F 280,385 0	0131P	20,714,979	4.479939%
0133P 39,669 0.008557% 0134F 131,874 0.028520% 0136F 10,252 0.00217% 0138P 177,403 0.038366% 0137P 22,671 0.004903% 0140F 1,532,372 0.331399% 0141P 131,960 0.028539% 0142F 34,611,931 7.485373% 0142P 34,146,854 7.384793% 0144F 307,474 0.06496% 0144F 307,474 0.06495% 0146F 147,121 0.03181% 0145F 228,194 0.049351% 0145F 228,194 0.049351% 0150F 70,132 0.012176	0132F	1,739,886	0.376278%
0134F131,8740.028520%0135F10,2520.002217%0136P177,4030.038366%0137P22,6710.004903%0139P74,2440.016057%0140F1,532,3720.331399%0141P131,9600.028539%0142F34,611,9317.485373%0142P34,146,8547.384793%0144F307,4740.066496%0144F307,4740.066496%0144F307,4740.06496%0144F307,4740.001983%0146F147,1210.031817%0146F147,1210.031817%0146F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029168%0150F134,8730.029176%0150F136,8630	0132P	1,047,315	0.226498%
0135F10,2520.002217%0136P177,4030.038366%0137P22,6710.004903%0139P74,2440.016057%0140F1,532,3720.331399%0141P131,9600.028539%0142F34,611,9317.485373%0142P34,614,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F1147,1210.031817%0146F226,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F113,6390.024576%0150F134,8730.029168%0150F133,6390.024576%0152F228,1940.049351%0155F56,3010.012176%0155F70,1320.015167%0155P70,1320.01517%0156P19,9690.004319%0155F56,3010.002376%0156P19,9690.003380%0155F17,9860.003880%0156P19,9690.003319%0156P17,9860.003880%0160F231,0380.04966%0161F1,357,6430.293612%0162F346,6950.07478%0162F346,6950.07478%0162P192,6760.041669%	0133P	39,569	0.008557%
0136P177,4030.038366%0137P22,6710.004903%0139P74,2440.016057%0140F1,532,3720.331399%0141P131,9600.028539%0142F34,611,9317.485373%0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146F147,1210.031817%0146F328,8830.071126%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0155F56,3010.012176%0155P70,1320.015167%0155P70,1320.015167%0155P19,9690.003890%0156P19,9690.00311%0155P16,2330.003511%0156P19,9690.00319%0157P36,5600.007907%0155F16,2330.003511%0156P17,9860.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.07478%0162F346,6950.07478%0162F192,6760.041669%	0134F	131,874	0.028520%
0137P22,6710.004903%0139P74,2440.016057%0140F1,532,3720.331399%0141P131,9600.028539%0142F34,611,9317.485373%0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0150F134,8730.02168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0155P13,6330.003511%0156P19,9690.003319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.04966%0161F1,357,6430.293612%0161F980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0135F	10,252	0.002217%
0139P74,2440.016057%0140F1,532,3720.331399%0141P131,9600.028539%0142F34,611,9317.485373%0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.0151760156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161F980,8050.212114%0162F346,6850.074978%0162P192,6760.041669%	0136P	177,403	0.038366%
0140F 1,532,372 0.331399% 0141P 131,960 0.028539% 0142F 34,611,931 7.485373% 0142P 34,146,854 7.384793% 0143P 18,609 0.004025% 0144F 307,474 0.066496% 0145F 367,369 0.079449% 0146F 147,121 0.031817% 0146F 206,573 0.044675% 0147P 9,167 0.00183% 0148F 328,883 0.071126% 0150F 134,873 0.029168% 0150F 134,873 0.029168% 0150F 134,873 0.029168% 0150F 280,385 0.060638% 0150F 280,385 0.060638% 0155F 56,301 0.01207% 0155F 56,301 0.012176% 0155P 70,132 0.01567% 0155P 70,132 0.01517% 0155P 36,560 0.007907% 0155P 36,560 0.0038	0137P	22,671	0.004903%
0141P131,9600.028539%0142F34,611,9317.485373%0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150F134,8730.029168%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0157P36,5600.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.074978%0162F346,6950.074978%0162P192,6760.041669%	0139P	74,244	0.016057%
0142F34,611,9317.485373%0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150F134,8730.029168%0152F228,1940.049351%0153F280,3850.060638%0155P70,1320.0112176%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.04966%0161F1,357,6430.293612%0162F346,6950.74978%0162P192,6760.041669%	0140F	1,532,372	0.331399%
0142P34,146,8547.384793%0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0155P70,1320.012176%0155F56,3010.012176%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.074978%0162F346,6950.074978%0162F0.041669%	0141P	131,960	0.028539%
0143P18,6090.004025%0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.01207%0155F56,3010.012176%0156P70,1320.015167%0156P70,1320.015167%0155F56,3010.012176%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.04966%0161F1,357,6430.293612%0162F980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0142F	34,611,931	7.485373%
0144F307,4740.066496%0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0156P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0142P	34,146,854	7.384793%
0145F367,3690.079449%0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155F56,3010.012176%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.04966%0161F1,357,6430.293612%0161F980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0143P	18,609	0.004025%
0146F147,1210.031817%0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155F70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0150F17,9860.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.074978%0162F0.041669%192,6760162P192,6760.041669%	0144F	307,474	0.066496%
0146P206,5730.044675%0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0145F	367,369	0.079449%
0147P9,1670.001983%0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0156P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0146F	147,121	0.031817%
0148F328,8830.071126%0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0156P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.49966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0146P	206,573	0.044675%
0150F134,8730.029168%0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0147P	9,167	0.001983%
0150P113,6390.024576%0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0148F	328,883	0.071126%
0152F228,1940.049351%0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0150F	134,873	0.029168%
0153F280,3850.060638%0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0150P	113,639	0.024576%
0154P47,1970.010207%0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0152F	228,194	0.049351%
0155F56,3010.012176%0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0162F346,6950.074978%0162P192,6760.041669%	0153F	280,385	0.060638%
0155P70,1320.015167%0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0154P	47,197	0.010207%
0156P19,9690.004319%0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0155F	56,301	0.012176%
0157P36,5600.007907%0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0155P	70,132	0.015167%
0158P16,2330.003511%0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0156P	19,969	0.004319%
0159F17,9860.003890%0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0157P	36,560	0.007907%
0160F231,0380.049966%0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0158P	16,233	0.003511%
0161F1,357,6430.293612%0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0159F	17,986	0.003890%
0161P980,8050.212114%0162F346,6950.074978%0162P192,6760.041669%	0160F	231,038	0.049966%
0162F346,6950.074978%0162P192,6760.041669%	0161F	1,357,643	0.293612%
0162P 192,676 0.041669%	0161P	980,805	0.212114%
	0162F	346,695	0.074978%
0163P 18,868 0.004081%	0162P	192,676	0.041669%
	0163P	18,868	0.004081%

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	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0164P	21,442	0.004637%
0166F	4,982,893	1.077629%
0166P	5,082,167	1.099098%
0167P	146,773	0.031742%
0168F	354,410	0.076647%
0168P	356,871	0.077179%
0169F	1,107,322	0.239476%
0169P	883,668	0.191107%
0170F	445,536	0.096354%
0171F	103,494	0.022382%
0171P	111,338	0.024079%
0172P	50,538	0.010930%
0173F	32,530	0.007035%
0173P	25,730	0.005565%
0174P	21,756	0.004705%
0176F	370,493	0.080125%
0176P	272,547	0.058943%
0177P	51,070	0.011045%
0178P	14,979	0.003239%
0179P	1,313,328	0.284028%
0180P	14,504	0.003137%
0181F	377,223	0.081580%
0181P	284,804	0.061593%
0182F	137,416	0.029718%
0182P	209,638	0.045338%
0183F	12,832	0.002775%
0183P	64,788	0.014011%
0184F	459,321	0.099335%
0184P	309,603	0.066956%
0185F	44,443	0.009612%
0185P	155,487	0.033627%
0186P	27,853	0.006024%
0187P	11,999	0.002595%
0188P	33,880	0.007327%
0189P	40,215	0.008697%
0190F	1,196,908	0.258850%
0190P	1,309,227	0.283141%
0191F	193,774	0.041907%
0191P	313,665	0.067835%
0192F	1,499,177	0.324221%
0192P	1,358,580	0.293814%
0193F	485,965	0.105098%
0193P	347,572	0.075168%
0194F	1,041,127	0.225160%
0194P	712,252	0.154036%
0195P	148,356	0.032084%

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0196F	659,527	0.142633%
0196P	1,074,452	0.232367%
0197F	320,730	0.069363%
0197P	360,828	0.078035%
0198F	35,612	0.007702%
0198P	56,615	0.012244%
0199F	488,184	0.105577%
0199P	424,133	0.091725%
0201P	22,955	0.004964%
0202P	4,408	0.000953%
0203F	1,011,834	0.218825%
0203P	774,720	0.167545%
0204F	-	0.000000%
0204P	-	0.000000%
0205F	498,052	0.107712%
0205P	592,449	0.128126%
0206P	21,085	0.004560%
0207P	13,675	0.002957%
0208P	16,603	0.003591%
0210F	247,628	0.053553%
0210P	288,328	0.062355%
0212F	118,375	0.025600%
0212P	360,701	0.078007%
0213F	611,798	0.132311%
0215P	13,584	0.002938%
0216P	43,535	0.009415%
0217F	347,482	0.075148%
0217P	349,741	0.075637%
0218P	1,004,268	0.217189%
0220F	252,003	0.054500%
0220P	186,376	0.040307%
0221F	7,859	0.001700%
0221P	80,739	0.017461%
0222F	750,811	0.162375%
0222P	730,480	0.157978%
0223P	51,255	0.011085%
0224P	140,893	0.030470%
0225F	63,744	0.013786%
0225P	133,093	0.028783%
0226P	38,166	0.008254%
0227P	65,598	0.014187%
0228P	134,767	0.029146%
0229P	45,139	0.009762%
0230F	196,793	0.042560%
0230P	145,542	0.031476%
0231F	10,498	0.002270%

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0231P	100,217	0.021673%
0232P	13,351	0.002887%
0233F	80,035	0.017309%
0233P	79,485	0.017190%
0234P	43,011	0.009302%
0236P	6,485	0.001402%
0237F	414,935	0.089736%
0237P	315,267	0.068181%
0238P	113,669	0.024583%
0239F	834,896	0.180559%
0240F	909,505	0.196695%
0241P	15,355	0.003321%
0242P	80,759	0.017465%
0243P	94,743	0.020490%
0244F	272,582	0.058950%
0244P	324,970	0.070280%
0245P	34,193	0.007395%
0246P	1,227,378	0.265440%
0247P	371,184	0.080274%
0248P	3,542	0.000766%
0250F	1,776,574	0.384212%
0250P	1,513,124	0.327237%
0251F	450,403	0.097407%
0252F	241,450	0.052217%
0253P	23,856	0.005159%
0254F	472,948	0.102283%
0254P	311,132	0.067287%
0255F	341,915	0.073945%
0256F	213,663	0.046208%
0257P	68,472	0.014808%
0259F	294,854	0.063767%
0259P	258,448	0.055893%
0260F	96,981	0.020974%
0260P	86,642	0.018738%
0261P	63,268	0.013683%
0262P	4,672	0.001010%
0263F	392,275	0.084836%
0263P	384,801	0.083219%
0264F	15,007	0.003246%
0264P	78,039	0.016877%
0265P	981,060	0.212170%
0266P	139,496	0.030168%
0267P	16,162	0.003495%
0269P	103,037	0.022283%
0270F	67,624	0.014625%
0271F	343,481	0.074283%

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	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0272P	153,153	0.033122%
0273F	978,153	0.211541%
0273P	852,613	0.184391%
0274P	464,268	0.100405%
0275P	164,062	0.035481%
0276F	191,834	0.041487%
0276P	179,450	0.038809%
0277F	464,654	0.100489%
0277P	575,563	0.124474%
0278P	381,563	0.082519%
0280F	200,911	0.043450%
0280P	145,724	0.031515%
0281P	169,517	0.036661%
0282P	10,062	0.002176%
0283F	1,699,680	0.367583%
0284F	1,111,729	0.240429%
0285P	52,275	0.011305%
0286F	432,373	0.093508%
0287F	231,506	0.050067%
0288P	47,398	0.010250%
0289F	232,272	0.050232%
0290F	-	0.000000%
0290P	72,079	0.015588%
0291F	707,492	0.153006%
0291P	670,838	0.145079%
0292F	139,899	0.030255%
0292P	136,461	0.029512%
0293F	1,744,219	0.377215%
0293P	1,606,092	0.347343%
0296F	164,419	0.035558%
0296P	120,263	0.026009%
0297P	62,293	0.013472%
0298F	10,998	0.002379%
0298P	17,982	0.003889%
0300F	1,460,015	0.315751%
0300P	1,492,833	0.322848%
0301F	1,174,623	0.254031%
0301P	934,774	0.202160%
0303F	156,795	0.033909%
0303P	428,371	0.092642%
0304P	15,544	0.003362%
0305P	21,579	0.004667%
0306F	-	0.000000%
0306P	29,121	0.006298%
0307F	12,855	0.002780%
0308F	28,475	0.006158%

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0308P	29,929	0.006473%
0309P	98,043	0.021203%
0311F	625,730	0.135324%
0312F	877,052	0.189676%
0313F	247,730	0.053575%
0314F	1,153,665	0.249498%
0314P	989,780	0.214055%
0316P	41,997	0.009082%
0317P	48,295	0.010444%
0318P	22,212	0.004804%
0319P	195,512	0.042283%
0320F	25,930	0.005608%
0320P	67,110	0.014514%
0321F	131,989	0.028545%
0321P	194,454	0.042054%
0322F	197,492	0.042711%
0322P	202,194	0.043728%
0323F	1,098,606	0.237591%
0323P	1,276,379	0.276037%
0324F	34,165	0.007389%
0324P	52,277	0.011306%
0325F	20,826	0.004504%
0325P	161,867	0.035006%
0326P	246,676	0.053348%
0328P	12,543	0.002713%
0329P	8,257	0.001786%
0330F	532,041	0.115062%
0330P	495,598	0.107181%
0331F	412,043	0.089111%
0331P	326,433	0.070596%
0333P	229,774	0.049692%
0334F	342,392	0.074048%
0335F	209,574	0.045324%
0336F	895,475	0.193661%
0337F	185,431	0.040102%
0338P	48,239	0.010432%
0339P	7,681	0.001661%
0342P	1,630	0.000352%
0343F	1,340,750	0.289958%
0343P	1,011,300	0.218709%
0344P	11,235	0.002430%
0345F	145,237	0.031410%
0346F	572,877	0.123894%
0346P	375,711	0.081253%
0347P	34,560	0.007474%
0348F	139,492	0.030167%

Enders Oct	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0349F	18,686	0.004041%
0349P	141,224	0.030542%
0350F	531,707	0.114990%
0350P	353,082	0.076359%
0351F	799,226	0.172845%
0351P	712,440	0.154076%
0352F	323,175	0.069892%
0354P	141,689	0.030642%
0355F	784,901	0.169747%
0355P	538,949	0.116556%
0356F	1,003,238	0.216966%
0356P	726,390	0.157093%
0357F	716,990	0.155060%
0357P	538,279	0.116411%
0358P	599,751	0.129706%
0359F	766,363	0.165738%
0359P	696,577	0.150646%
0360F	290,684	0.062865%
0360P	358,228	0.077472%
0361P	31,465	0.006805%
0362P	6,550	0.001417%
0364P	27,355	0.005916%
0365P	50,096	0.010834%
0366P	38,739	0.008378%
0367F 0367P	52,532	0.011361% 0.115716%
0369F	535,062	
0369P	1,489,883	0.322211% 0.297119%
0370P	1,373,859 97,090	0.020997%
0371F	62,979	0.020997 %
0371P	103,961	0.022483%
0373F	1,026,742	0.222049%
0375F	37,607	0.008133%
0376P	577,567	0.124908%
0377F	549,416	0.118820%
0377P	511,932	0.110713%
0378P	119,329	0.025807%
0379P	40,442	0.008746%
0380F	1,212,880	0.262304%
0380P	1,002,857	0.216883%
0381P	6,051	0.001309%
0382F	1,484,314	0.321006%
0383F	87,827	0.018994%
0384P	31,401	0.006791%
0385P	301,031	0.065103%
0386P	58,747	0.012705%
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	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0388P	73,532	0.015902%
0389P	86,908	0.018795%
0390F	41,847	0.009050%
0390P	33,760	0.007301%
0391P	59,145	0.012791%
0392F	18,092	0.003913%
0392P	84,240	0.018218%
0393P	35,901	0.007764%
0394F	213,139	0.046095%
0394P	359,638	0.077777%
0395F	15,905	0.003440%
0395P	71,224	0.015403%
0396F	17,639	0.003815%
0397F	483,535	0.104572%
0397P	451,623	0.097671%
0398P	226,627	0.049012%
0399P	16,573	0.003584%
0402F	12,737	0.002754%
0402P	55,818	0.012071%
0403F	12,128	0.002623%
0403P 0404F	148,165	0.032043%
0404F 0404P	569,609	0.123187%
0404P 0406F	377,383 27,919	0.081615%
0406P	79,535	0.006038% 0.017201%
0400F	32,070	0.006936%
0408P	75,167	0.016256%
0409F	122,023	0.026389%
0409P	184,393	0.039878%
0410P	54,991	0.011893%
0411F	33,730	0.007295%
0411P	64,899	0.014035%
0412P	365,673	0.079082%
0413F	67,088	0.014509%
0413P	43,265	0.009357%
0414P	81,392	0.017602%
0416P	30,813	0.006664%
0418F	30,812	0.006663%
0418P	75,239	0.016272%
0419P	38,675	0.008364%
0420P	41,449	0.008964%
0422P	-	0.000000%
0423P	30,255	0.006543%
0424P	12,732	0.002753%
0425F	459,847	0.099449%
0425P	282,992	0.061202%
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	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0426F	49,015	0.010600%
0426P	43,088	0.009318%
0429P	7,605	0.001645%
0430P	8,816	0.001907%
0431P	22,299	0.004822%
0432F	1,190,890	0.257549%
0432P	852,750	0.184421%
0433F	-	0.00000%
0433P	61,402	0.013279%
0434P	31,663	0.006848%
0435P	44,322	0.009585%
0437P	105,020	0.022712%
0438F	471,240	0.101913%
0438P	416,107	0.089990%
0439P	47,801	0.010338%
0441F	137,145	0.029660%
0441P	299,299	0.064728%
0442P	217,082	0.046947%
0444P	41,440	0.008962%
0445F	767,250	0.165930%
0445P	750,750	0.162361%
0446P	72,177	0.015609%
0447F	682,368	0.147573%
0447P	591,148	0.127845%
0448F	714,821	0.154591%
0448P	561,806	0.121499%
0450F	39,165	0.008470%
0450P	149,807	0.032398%
0452P	236,892	0.051232%
0453F	112,979	0.024433%
0453P	216,645	0.046853%
0454F	287,232	0.062118%
0454P	269,595	0.058304%
0455F	1,840,134	0.397958%
0456F	1,039,699	0.224851%
0456P	742,091	0.160489%
0457P	51,621	0.011164%
0458P	18,430	0.003986%
0459P	563,858	0.121943%
0460P	4,397	0.000951%
0461P	150,332	0.032512%
0462F	88,879	0.019222%
0462P	224,444	0.048540%
0463P	251,330	0.054354%
0464F	139,507	0.030171%
0464P	119,204	0.025780%
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	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0465F	233,004	0.050391%
0466P	262,351	0.056737%
0467F	920,978	0.199176%
0468P	229,418	0.049615%
0469F	269,573	0.058299%
0469P	734,329	0.158810%
0470F	20,566	0.004448%
0470P	216,840	0.046895%
0471P	38,860	0.008404%
0472P	60,652	0.013117%
0473P	154,884	0.033496%
0474P	14,012	0.003030%
0475P	16,168	0.003497%
0476F	125,279	0.027093%
0476P	434,668	0.094004%
0477F	484,242	0.104725%
0477P	512,232	0.110778%
0478F	479,970	0.103801%
0479P	16,162	0.003495%
0480F	1,880,370	0.406660%
0480P	1,667,992	0.360730%
0481F	584,720	0.126455%
0481P	536,897	0.116112%
0482P	222,370	0.048091%
0483P	32,544	0.007038%
0484P	8,711	0.001884%
0485P	8,892	0.001923%
0486P	9,213	0.001993%
0487P	25,888	0.005599%
0488F	131,133	0.028360%
0488P	274,691	0.059406%
0489F	309,078	0.066843%
0492F	205,120	0.044360%
0493P	38,868	0.008406%
0494F	534,015	0.115489%
0494P	485,477	0.104992%
0495P	480,825	0.103986%
0496F	215,954	0.046703%
0497P	77,095	0.016673%
0498P	25,253	0.005461%
0499F	627,158	0.135633%
0499P	512,583	0.110854%
0500P	86,872	0.018787%
0501F	745,856	0.161303%
0502F	695,841	0.150487%
0504F	215,472	0.046599%

	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0505F	222,341	0.048085%
0506P	32,253	0.006975%
0507P	52,246	0.011299%
0508P	20,851	0.004509%
0509P	181,328	0.039215%
0510F	491,180	0.106225%
0510P	393,330	0.085064%
0511P	335,142	0.072480%
0512P	12,735	0.002754%
0513F	583,753	0.126246%
0516P	37,569	0.008125%
0518F	286,061	0.061865%
0518P	309,983	0.067039%
0519F	57,440	0.012422%
0520F	291,390	0.063018%
0520P	312,633	0.067612%
0521P	89,329	0.019319%
0523P	987,490	0.213560%
0524F	215,013	0.046500%
0524P	257,387	0.055664%
0526F	377,602	0.081662%
0526P	333,993	0.072231%
0528P	44,423	0.009607%
0529P	5,335	0.001154%
0530P	36,887	0.007977%
0531P	94,467	0.020430%
0532F	289,081	0.062518%
0532P	420,358	0.090909%
0533P	25,870	0.005595%
0535P	16,180	0.003499%
0536F	612,917	0.132553%
0536P	548,997	0.118729%
0537P	14,754	0.003191%
0538F	-	0.00000%
0538P	179,608	0.038843%
0540P	25,306	0.005473%
0541F	222,402	0.048098%
0541P	237,637	0.051393%
0542P	5,944	0.001286%
0543F	776,253	0.167877%
0543P	614,810	0.132962%
0545F	98,348	0.021269%
0547F	186,468	0.040327%
0548P	12,193	0.002637%
0549P	40,446	0.008747%
0550P	252,496	0.054606%
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Employer Code	2017 Actual Employer Contribution	Employer Allocation Percentage
0551P	77,223	0.016701%
0552P	40,599	0.008780%
0553F	1,110,212	0.240101%
0553P	1,009,099	0.218233%
0555F	943,546	0.204057%
0555P	732,935	0.158509%
0556P	30,181	0.006527%
0557F	347,164	0.075080%
0559F	203,202	0.043946%
0559P	113,517	0.024550%
0560F	233,638	0.050528%
0560P	150,501	0.032548%
0561F	192,189	0.041564%
0561P	184,937	0.039996%
0563F	104,957	0.000000%
0563P	17,781	0.003845%
0564F	682,559	0.147614%
0564P	552,378	0.119460%
0565P	79,065	0.017099%
0566P	79,000	0.000000%
0567P	_ 27,115	0.005864%
0568F	1,335,421	0.288806%
0568P	879,778	0.190266%
0569P	13,587	0.002938%
0571F	661,549	0.143070%
0571P	606,254	0.131112%
0573P	37,304	0.008068%
0574P	130,306	0.028181%
0576P	14,051	0.003039%
0577P	10,376	0.002244%
0578P	23,919	0.005173%
0579P	357,722	0.077363%
0580F	534,604	0.115616%
0580P	560,684	0.121257%
0581F	1,892,989	0.409389%
0581P	1,424,043	0.307972%
0582F	506,428	0.109523%
0583F	217,339	0.047003%
0584F	230,268	0.049799%
0585F	455,356	0.098478%
0585P	249,287	0.053912%
0586P	95,158	0.020579%
0587P	25,954	0.005613%
0588F	197,337	0.042677%
0588P	182,962	0.039568%
0589P	11,519	0.002491%
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Employer Code	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0590F	473,184	0.102333%
0590P 0591P	460,762	0.099647%
0591P 0592P	48,811 16,681	0.010556% 0.003607%
0592F	977,136	0.211321%
0593P	627,674	0.135744%
0593P	32,047	0.006931%
0595P	8,491	0.001836%
0596F	318,179	0.068811%
0596P	426,760	0.092294%
0597F	1,363,334	0.294842%
0597P	1,235,683	0.267236%
0598F	112,374	0.024303%
0598P	160,634	0.034740%
0599P	22,617	0.004891%
0600P	46,702	0.010100%
0601F	213,818	0.046241%
0602P	89,049	0.019258%
0603F	84,646	0.018306%
0603P	67,296	0.014554%
0604F	512,944	0.110932%
0606P	538,594	0.116479%
0607F	1,052,696	0.227662%
0608F	303,981	0.065741%
0608P	363,210	0.078550%
0609F	152,770	0.033039%
0610P	84,347	0.018241%
0612F	569,902	0.123250%
0612P	370,713	0.080173%
0613P	14,237	0.003079%
0614F	4,870	0.001053%
0614P	299,881	0.064854%
0615F	9,089,978	1.965850%
0615P	9,023,299	1.951430%
0616F	77,906	0.016848%
0616P	129,422	0.027990%
0617P	205,472	0.044437%
0618F	55,119	0.011920%
0619F	326,030	0.070509%
0619P	390,469	0.084445%
0620F	720,543	0.155829%
0620P	658,222	0.142351%
0621F	827,717	0.179007%
0622F	653,639	0.141360%
0622P	597,653	0.129252%
0623F	80,975	0.017512%

Interpret Code Control Control Control Code 0623P 70,192 0.015180% 0624P 74,454 0.0161102% 0625F 13,351,040 0.292184% 0627F 1.098,797 0.236983% 0628P 493,374 0.106700% 0628P 491,992 0.106401% 0629F 1.261,394 0.272786% 0630F 34,695 0.007503% 0630F 338,414 0.073187% 0631F 233,120 0.059972% 0633F 227,730 0.059972% 0633F 227,790 0.069376% 0633F 220,790 0.059972% 0633F 224,204 0.106437% 0633F 224,204 0.059973% 0633F 224,204 0.059973% 0633F 224,204 0.05660% 0636P 21,168 0.056482% 0633F 224,204 0.05060% 0633F 224,204 0.02780% 0641F 190,2	Employer Code	2017 Actual Employer Contribution	Employer Allocation Percentage
0624P 74,454 0.016102% 0625F 13,51,040 0.228184% 0627F 1.095,797 0.236883% 0628F 493,374 0.106401% 0622F 1.261,394 0.27796% 0629F 9.02,433 0.196168% 0630F 34,695 0.007503% 0631F 338,414 0.073187% 0633P 233,120 0.059418% 0633F 277,309 0.059972% 0633F 227,960% 0.0228868 0633F 277,309 0.059972% 0633F 277,309 0.059972% 0633F 220,790 0.063376% 0633F 226,469 0.048761% 0633F 226,469 0.048761% 0633F 224,420 0.05650% 0633F 224,204 0.056167% 0643F 1.02,729 0.23473% 0641F 190,201 0.41134% 0643F 10,22,739 0.24373% 0644F 10,02163%			
0625P 19,360 0.004187% 0622F 1,035,797 0.292184% 0628F 433,374 0.106700% 0628P 433,374 0.106401% 0629P 902,433 0.195168% 0630F 34,695 0.07503% 0630P 126,328 0.024433 0631F 338,414 0.073187% 0632P 17,792 0.003846% 0632F 233,120 0.05917% 0633F 230,790 0.05927% 0633F 320,790 0.059376% 0633F 225,469 0.048761% 0633F 261,168 0.056487% 0633F 225,469 0.48761% 0633F 241,168 0.056487% 0633F 234,204 0.056487% 0633F 234,204 0.056487% 0633F 225,469 0.448761% 0633F 234,204 0.05686% 0633F 234,204 0.05686% 0633F 234,204 0.05686%<			
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0653F138,4400.029940%0654F2,159,1940.466959%0655F970,2360.209829%0656F31,2610.006761%0656P142,2580.030766%0657F130,7850.028284%	0652F	169,090	0.036568%
0654F2,159,1940.466959%0655F970,2360.209829%0656F31,2610.006761%0656P142,2580.030766%0657F130,7850.028284%	0652P	240,426	0.051996%
0655F970,2360.209829%0656F31,2610.006761%0656P142,2580.030766%0657F130,7850.028284%	0653F	138,440	0.029940%
0656F31,2610.006761%0656P142,2580.030766%0657F130,7850.028284%	0654F	2,159,194	0.466959%
0656P142,2580.030766%0657F130,7850.028284%	0655F	970,236	0.209829%
0657F 130,785 0.028284%	0656F	31,261	0.006761%
0657F 130,785 0.028284%	0656P	142,258	0.030766%
0657P 137,424 0.029720%	0657F	130,785	0.028284%
	0657P	137,424	0.029720%

Employer Code	2017 Actual Employer Contribution	Employer Allocation Percentage
0658F	27,179	0.005878%
0658P	95,840	0.020727%
0660P	9,484	0.002051%
0661P	25,317	0.005475%
0662P	74,363	0.016082%
0663F	33,193	0.007178%
0663P	59,532	0.012875%
0664F	9,828	0.002125%
0664P	67,444	0.014586%
0665P	17,862	0.003863%
0666F	140,549	0.030396%
0666P	347,510	0.075154%
0667P	135,244	0.029249%
0668P	32,360	0.006998%
0669P	30,108	0.006511%
0670F	1,291,437	0.279293%
0672P	97,494	0.021085%
0673P	12,038	0.002603%
0674P	24,374	0.005271%
0675P	34,861	0.007539%
0676F	1,832,747	0.396360%
0676P	1,469,912	0.317891%
0677F	842,943	0.182300%
0677P	963,116	0.208289%
0679F	945,395	0.204456%
0679P	929,017	0.200914%
0680F	163,380	0.035333%
0680P	114,954	0.024861%
0681F	91,038	0.019688%
0682F	405,863	0.087774%
0682P	480,832	0.103987%
0684F	91,409	0.019769%
0684P	153,371	0.033169%
0685P	40,333	0.008723%
0686F	831,044	0.179726%
0686P	754,828	0.163243%
0687F	200,765	0.043419%
0687P	318,340	0.068846%
0688P	371,975	0.080446%
0689F	232,322	0.050243%
0689P	260,751	0.056392%
0691P	12,535	0.002711%
0692P	27,095	0.005860%
0693P	63,121	0.013651%
0694F	147,539	0.031908%
0694P	182,140	0.039391%

Employer Code	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0695F 0695P	16,794	0.003632% 0.022307%
0695P	103,148 42,207	
0697P	,	0.009128% 0.008766%
0697 P 0698F	40,534 789,010	0.170636%
0698P	538,388	0.116435%
0699F	72,701	0.015723%
0700F	878,668	0.190026%
0700P	614,783	0.132956%
0701P	303,627	0.065664%
0702F	751,261	0.162472%
0702P	643,898	0.139253%
0703F	34,813	0.007529%
0704P	96,524	0.020875%
0705P	16,380	0.003542%
0706F	1,821,321	0.393889%
0706P	1,851,727	0.400465%
0707F	732,744	0.158467%
0707P	619,784	0.134038%
0709F	013,704	0.000000%
0709P	41,239	0.008919%
0711P	14,430	0.003121%
0712F	656,269	0.141929%
0712P	421,833	0.091228%
0713P	18,400	0.003979%
0714F	227,859	0.049278%
0715F	142,102	0.030732%
0717F	70,952	0.015344%
0718F	33,640	0.007275%
0719F	99,754	0.021573%
0720F	605,089	0.130860%
0721F	13,081	0.002829%
0722F	27,863	0.006026%
0723F	29,269	0.006330%
0724F	214,505	0.046390%
0725P	15,396	0.003330%
0726F	21,517	0.004653%
0728F	317,305	0.068622%
0732F	179,764	0.038877%
0732P	129,841	0.028080%
0734P	- -	0.000000%
0735P	14,042	0.003037%
0736F	692,917	0.149854%
0737P	14,723	0.003184%
0738P	9,520	0.002059%
0740P	7,598	0.001643%

Freelower Code	2017 Actual Employer	Employer Allocation
Employer Code	Contribution	Percentage
0741F 0744F	156,740	0.033897%
0744F 0745P	18,982	0.004105%
0745P 0746F	8,705 56,724	0.001883% 0.012268%
0749P	30,590	0.006616%
0753P	18,954	0.004099%
0754F	279,394	0.060423%
0756P	45,371	0.009812%
0757F	210,632	0.045552%
0758F	53,504	0.011571%
0759F	85,008	0.018384%
0760P	6,716	0.001452%
0761F	613,321	0.132640%
0762F	23,732	0.005132%
0762P		0.000000%
0765F	122,573	0.026508%
0765P		0.000000%
0766F	20,321	0.004395%
0768F	400,696	0.086657%
0769F	54,267	0.011736%
0770F	15,124	0.003271%
0771F	2,288	0.000495%
0773F	52,898	0.011440%
0774F	27,620	0.005973%
0776F	117,180	0.025342%
0777F	452,695	0.097902%
0779F	75,169	0.016256%
0781F	39,592	0.008562%
0782F	46,017	0.009952%
0783F	68,056	0.014718%
0786F	34,229	0.007403%
0787P	4,207	0.000910%
0788F	218,961	0.047354%
0788P	79,996	0.017300%
0789F	127,228	0.027515%
0790F	21,451	0.004639%
0792F	17,344	0.003751%
0794F	193,699	0.041890%
0795F	19,101	0.004131%
0796F	13,749	0.002973%
0797F	58,136	0.012573%
0798F	7,840	0.001695%
0799F	14,731	0.003186%
0801F	184,458	0.039892%
0803P	7,465	0.001614%
0805F	344,995	0.074611%

Employer Code	2017 Actual Employer Contribution	Employer Allocation Percentage
0806F	82,312	0.017801%
0807F	20,925	0.004525%
0809F	13,252	0.002866%
0810F	10,873	0.002352%
0812F	51,604	0.011160%
0813F	240,322	0.051973%
0815F	12,193	0.002637%
0816F	13,130	0.002840%
0817F	-	0.000000%
0817P	16,675	0.003606%
0818F	1,307,046	0.282669%
0819P	21,722	0.004698%
0820F	14,737	0.003187%
0821F	11,255	0.002434%
0822F	-	0.000000%
0823F	23,256	0.005030%
0824F	15,505	0.003353%
0827F	89,827	0.019427%
0828F	18,004	0.003894%
0829F	8,279	0.001791%
0830F	34,162	0.007388%
0831F	-	0.000000%
0831P	1,370	0.000296%
0832F	8,482	0.001834%
0833F	11,892	0.002572%
0834F	9,379	0.002028%
0835F	151,299	0.032721%
0836P	11,930	0.002580%
0837F	10,313	0.002230%
0838F	1,993	0.000431%
0999	338,516	0.073209%
Total	\$ 462,394,203	100.000000%

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Outboard Ensemtion Important Control	Employer Proportion an Differences Differences Differences Between Between Between Expected Projected Contributions and Acrival Pronortional
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7.20000 7372/3 40.04 - 4.22.44 1.200.10 5.07.26 6.002 7.02 60.017 20.11 20.17 20.11 20.17 20.11 20.17 20.11 20.17 20.11 20.17 20.12 20.11 20.17 20.11 20.17 20.11 20.17 20.11 <	0002P 826,532 - 5 50,562 0003P 135,080 - 13,181
1 1	74,592,990
No. No. <td>2,700,105</td>	2,700,105
81,265 20,17 36,24 36,141 31,500 71,50 81,267 15,774 30,871 15,774 30,871 73,050 73,050 80,307 15,774 30,871 15,774 30,871 15,971 30,871 73,050	0010F 5,376,533 - 5,376,535 0010P 5,797,410 - 565,704
0.0010 0.2031 0.3010 0.3024 0.4010 <th0.4010< th=""> <th0.4010< th=""> <th0.4010< td="" th<=""><td>3,968,759 -</td></th0.4010<></th0.4010<></th0.4010<>	3,968,759 -
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90000 1001 1010 </td <td>15,780,559 - 1,539,847</td>	15,780,559 - 1,539,847
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	199,767 - 29,440 - 19,493
96(5) 2.259 2.44 7.77 5.27 5.45 7.17 10500 5.43 7.11 1.3200 5.533 90.05 (140) 10500 5.43 7.11 1.3200 5.533 90.05 (140) 95100 25.103 27.11 1.145 1.310 2.3141 1.201 95110 25.103 27.300 25.803 90.05 1.3041 1.201 961140 27.300 25.403 2.0044 25.3143 26.403 1.410 961140 27.300 25.403 2.0030 2.0144 2.0044 2.0044 25.103 21.044 2.0030 2.0144 2.0030 2.0144 2.0164 26.103 27.445 27.044 2.0044 2.0244 2.0164 2.0147 26.104 2.0140 2.0150 2.0164 2.0164 2.0171 27.012 2.0144 2.022 2.0164 2.0164 2.0164 27.012 2.0144 2.0	168,837 - 16,475 246,561 - 24,059
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	447,824 - 43,698
- $ -$ <td>1,433,060 - 1,433,836 1,081,233 - 105,505</td>	1,433,060 - 1,433,836 1,081,233 - 105,505
065861 254/0 055/0 056/0 24/12 056/0 24/12 2610 2104 02/1	
51,83 $3,73$ $1,445$ $ 2,022$ $1,3841$ $1,201$ $28,168$ $2,7308$ $3,5630$ $ 2,2328$ $3,660,33$ $2,721$ $28,178$ $2,3431$ $2,6238$ $4,6128$ $2,7308$ $2,6331$ $2,4718$ $2,3431$ $2,7148$ $2,3331$ $2,7728$ $3,640,3$ $2,7728$ $3,640,3$ $2,7728$ $3,640,4$ $2,3314$ $2,7728$ $6,61,33$ $2,7711$ $2,800,272$ $2,144,6$ $2,800,3$ $2,7432$ $3,61,33$ $2,7788$ $2,631,99$ $2,61,148$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,118$ $2,61,$	4,639,926 - 452,758
98149 27300 35530 - 5151 5151 20046 5351 287161 3732 7553 5151 20046 5351 577161 57743 33310 - 27041 20048 2331 577161 27742 33310 - 70,252 546 247 407171 27,473 33310 - 70,252 647 70,252 647 574,610 27,473 33,653 - 70,252 64,71 70,253 64,114,605 516,553 51,463 - 110,663 71,723 74,359 61,616 710,559 3653 51,46 - 47,028 33,519 11,460 710,559 3653 51,46 - 47,028 35,519 14,616 710,559 3653 51,46 51,66 51,67 14,610 15,751 710,529 3663 74,89 77,872 13,616 14,767 710,529 3	173,885 - 16,968 4,598,718 - 448,737
25003 51024 51024 5104 51024 5104 51024 5104 51024 51046 51046 51046	5,412,862 - 528,180
457/41 $25/64$ 33100 $ 56/63$ $401/28$ 9615 $85/64$ $27/42$ 33100 $ 56.33$ $401/28$ 9615 $85/64$ 23747 33300 $ 56.33$ $401/28$ 9615 86632 20402 85.33 41516 $ 47.228$ 23737 29373 710623 36533 41516 $ 63.228$ $401/28$ 29373 710623 3653 $ 63.238$ 433368 $ 29373$ 710623 35138 $ 196667$ $ -$	2,644,55/
8,49 382 4,49 - - 8,81 6,034 168 16,124 59,625 27,473 35,855 - - 58,452 400,188 15,124 716,655 27,473 35,855 - - 58,452 400,188 15,124 716,655 27,473 35,855 - - 64,732 25,194 26,373 776,528 36,730 47,937 - 169,667 256,308 57,967 26,376 776,529 36,730 47,397 - 169,667 256,308 57,942 21,968 776,520 36,196 1,573 36,196 1,573 36,574 29,373 730,741 48,066 4,445 - - 74,122 19,373 730,741 48,066 5,746 9,106 1,553 10,973 16,173 730,744 59,166 7,140 57,173 18,774 9,137 16,168 730,744 53,166 4,4	5,040,757
716,550 $25,323$ $35,034$ $ -$	75,809 - 7,397
595/25 24/02 26/26 - 4/02 35/19/4 29/37 710/259 36/53 4/383 - 93,613 176,200 35/19/4 29/37 710/259 36/53 7/383 - 93,613 176,200 35/19/4 29/37 770/250 36/65 7/383 - 93,613 176,200 57/672 93167 770/250 36/65 7/48 - 9033 85,790 73,855 9367 7/30/2 3/45 5,148 - 9033 82,578 9192 85,790 24,913 7/30/2 3/45 - 9033 7,432 9103 15,366 16,479 93,77 - 9033 7,432 57,66 16,476 3,273 93,77 - 10,71 75,260 21,186 3,273 3,273 93,77 17,541 - 7,321 21,96 3,733 3,275 9106 3,733 93,77229 23,8	5,447,061 - 531,517 - 531,
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	0031F 8,231,480
663/078 23/05 7/167 - 66/80 47/749 19/26 74/784 4/190 1/555 - - 96/80 47/749 19/26 73/784 4/190 1/555 - - 96/80 47/749 19/26 73/784 31/90 1/555 - - 90/95 52/35 83/56 73/786 31/90 1/555 3.201 - 7/492 7/7672 75/256 87/749 15/966 93/767 34/06 4/45 - - 0.090 3.201 15/966 3.706 3.703 93/767 12.845 - 2.5,706 - 7.6,706 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.201 3.201 3.201 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203 3.203	7,267,281 - 709,132
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	5,750,859 - 561,162 782,104 - 76,317
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	236,000 - 23,029 9.556,152 - 23,029
93,767 3,406 4,445 - 7,851 5,576 4,077 99,803 2,48,577 12,848 16,768 - - 7,851 55,756 4,077 75,712 29,035 23,333 16,768 - - 7,851 55,756 4,077 75,712 29,035 23,339 - - 56,139 202,766 (3,77) 717,254 10,069 11,836 - 14,006 34,911 14,1,17 (2,48) 17,616 34,911 14,1,17 2,55,01 77,105 (2,046) (3,77) 93,056 5,534 - 14,006 34,911 145,177 (2,046) (3,77) 93,056 5,534 - 14,006 24,517 (14,717) (2,163) 11,161,466 50,524 56,440 77,522 61,037 12,517 1 13,3,653 34,517 16,123 14,573 24,143 74,562 24,763 11,161,466 57,1	6,966,877
248,577 12,848 16,768 $2.6,523$ 56,139 $220,769$ $(3,77)$ $77,729$ $29,035$ $39,399$ $ 23,215$ $20,016$ $(19,475)$ $77,729$ $20,665$ $11,836$ $ 13,215$ $201,969$ $47,127$ $(2,947)$ $73,033$ $63,233$ $82,534$ $ 14,5,77$ $980,018$ 20007 1 $7,360,334$ $65,534$ $ 14,5,77$ $980,018$ 20007 1 $7,360,334$ $65,534$ $ 145,773$ $980,018$ 20007 1 $7,732$ $36,524$ $ 16,5,773$ $980,018$ 20007 1 $7,732$ $36,736$ $57,650$ $73,796$ $78,772$ $980,018$ 20007 1 $7,77,752$ $28,967$ $ 116,736$ $24,766$ $24,769$ $26,769$ $28,77$ $2,887,284$ $81,736$ $16,97,792$ $24,766$ $24,769$ 2	675,354
40,057 $20,00$ $11,366$ $20,00$ $11,366$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $11,336$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,312$ $20,00$ $31,322$ $20,00$ $31,322$ $20,00$ $31,322$ $20,00$ $31,322$ $20,00$ $31,322$ $20,00$ $31,322$ $20,00$ $31,322$ $20,302$ $31,322$ $20,002$ $21,312$ $11,243$ $21,121$ $11,232$ $21,323$ $21,323$ $21,312$ $11,2121$ $11,232$ $21,312$ $21,323$ $21,316$ $22,136$ $21,323$ $21,316$ $21,316$ $21,316$	2,547,450
$ \begin{array}{rrrrr} 175,461 & 9.069 & 11,836 & - & 14,006 & 34,911 & 145,127 & (2,046) \\ 1,800,334 & 82,239 & 82,534 & - & 14,5,773 & 980,018 & 20007 & 1 \\ 913,650 & 47,224 & 61,632 & - & 417,64 & 757,75 & 61,007 & 14,5,77 & 980,018 & 20,007 & 14,5,77 & 980,018 & 20,007 & 14,5,77 & 16,5,313 & 34,597 & 34,517 & 35,518 & 37,458 & 34,417 & 37,518 & 34,417 & 37,518 & 34,417 & 34,517 & 33,517 & 33,517 & 33,517 & 34,517 & 33,517 & 34,517 & 35,518 & 37,468 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 34,519 & 37,468 & 32,511 & 34,517 & 34,516 & 37,516 & 34,516 & 34,516 & 34,516 & 34,516 & 34,516 & 34,51$	4,407,285
913.653 47.224 61.632 - 417.684 526.40 745.772 (61.065) 1.161.466 50.524 65.940 - - 16.44 797.355 26.967 1.161.466 50.524 65.940 - - 116.44 797.355 26.97 2.887.287 91.313 106.123 - - 116.44 797.355 26.97 2.887.287 31.31 106.123 - - 116.44 797.356 26.97 557.782 28.867 - 169.379 244.12 477.315 24.763 55.461 7.45.77 - 165.302 24.413 477.315 24.763 55.481 3.356 4.1054 - 115.577 466.431 (14.478) 65.481 3.356 4.1054 - 24.13 477.315 24.163 65.481 3.366 - 115.577 466.431 (14.478) 24.169 65.481 11.537 24.813 27	1,798,151 12,538,435
1,161,46 55,54 55,94 55,94 55,94 55,94 55,94 55,94 56,94 73,35 26,97 1 1 161,46 797,359 26,897 1 1 26,933 34,597 45,153 169,379 26,937 26,937 26,937 26,937 26,937 26,937 26,937 26,936 26,937 26,936 26,937 26,933 26,937 26,932 26,436 12,335,268 26,473 24,733 26,336 24,733 26,336 24,733 26,336 24,736 23,369 26,376 24,736 23,169 21,109 24,736 24,733 26,100 24,736 24,736 24,736 24,736 24,736 24,736 24,736 24,736 24,100 24,736 24,100 24,10	913,639
2.887.287 81.313 106.123 - 187.486 1.283.288 192.121 1 660.351 34.567 45.153 - 169.379 249.129 192.121 1 660.351 34.567 45.153 - 169.379 249.129 547.002 224.763 608.862 33.456 41.054 - 165.302 24.143 471.315 24.163 608.862 31.456 41.054 - 99.027 111.537 496.431 (14.478) 66.481 3.389 - 22.698 30.498 53.41 (3.16) 65.481 3.385 - 27.686 81.17 122.096 (1.64) 717.230 117.406 27.68 81.17 177.239 (9.16) 27.4694 777.260 117.406 27.168 27.668 81.16 177.230 (9.301) 775.968 21.648 2.047 60.169 27.4694 2.301) 775.900 177.240 17.327 <td< td=""><td></td></td<>	
669.351 34.597 45.153 - 169.379 249.129 546.002 (24,75) 577.782 29.844 38.977 - 165,302 234.13 (24,167) 606.552 31.467 - 95,027 171,537 496.431 (4,167) 606.552 31.467 - 95,027 171,537 496.431 (4,167) 606.552 31.467 - 95,027 171,537 496.431 (4,167) 606.552 31.467 - 22.668 30.488 53.414 (3.16) 158.248 81.79 10.675 - 25.688 81.166 (1.164) 256.588 81.166 - 55.288 81.166 (3.16) (3.16) 356.598 17.406 - 55.268 81.166 (3.164) (3.16) 356.598 17.466 - 55.268 81.166 (3.76) (3.164) 177.71 449 58.17 - 55.288 81.166 (3.24)	16,122,125 - 1,573,177 1,
07.722 2.5.074 0.077 - 103.702 2.4.143 4.171 (2.4.107) 068.552 31.457 36.369 - 10.02 24.143 41.171 24.143 683.551 37.867 36.369 - 10.62 11.537 496.431 (14.478) 683.551 37.867 36.369 - 22.666 30.468 32.109 65.481 3.786 4.17 - 7.22.666 30.461 (3.16) 51.520 11.231 14.4657 - 55.288 31.166 (1.64) 23.6,751 17.406 - 55.288 31.166 (3.020) 33.6,751 17.406 27.469 27.4694 (2.331) 33.6,751 17.407 01.1667 - 55.288 01.1667 33.6,751 17.466 2.74684 (2.331) 27.4694 (2.331) 33.6,751 17.717 4.49 58.77 01.1677 2.49 2.331 17.717 2.44 <td>6,859,600 - 669,351</td>	6,859,600 - 669,351
683.531 27,867 36,369 - - 64,266 4,33,788 21,109 6.4,41 3.385 4,417 - 22,696 30,488 53,414 (3,318) 158,248 8,179 10,675 - 2,2895 30,488 53,414 (3,318) 217,280 11,231 14,657 - 7,983 26,817 129,086 (1,164) 217,280 11,231 14,657 - 55,288 81,166 177,239 (8,000) 217,280 21,648 22,716 - 20,047 60,169 27,1594 (2,931) 75,568 21,648 2,861 - - 49,901 341,637 49,291 117,719 4,49 58,533 - 10,322 70,869 4,569 117,719 9,200 12,007 - 98,253 119,460 14,564 14,569 117,719 - 0,316 - 10,322 70,869 4,569 117,790	5,921,288
65,421 3.385 4,417 - 22,696 30,488 53,414 (3,318) 158,248 8,179 10,675 - 7,963 26,817 128,086 (1,164) 217,280 11,231 14,657 - 55,268 81,166 177,239 (8,000) 217,280 11,231 14,657 - 55,268 81,166 177,239 (8,000) 217,296 21,648 22,716 - 20,047 60,169 27,1594 (2,931) 755,688 21,648 28,653 - 10,322 70,869 4,509 117,717 4,491 58,617 - 98,253 119,460 14,5190 14,569 117,719 2000 12,007 - 98,253 119,460 14,5190 14,569 177,799 92,000 12,007 - 98,253 119,460 14,569 14,569	5,525,199 - 539,142
135.246 0.179 1457 - 7,933 26,017 12,030 (1,164) 217.280 11,231 14,657 - 0.000 0	671,053
336,751 17,406 22,716 - 20,047 60,169 274,694 (2,931) 755,968 21,648 28,253 - - 49,901 34,1037 49,201 17,717 4,491 5,801 - - 10,322 70,869 4,509 117,717 4,491 5,801 - - 10,322 70,869 4,509 117,719 9,200 12,007 - 98,253 119,460 145,190 (4,364) 7,000 2,007 12,007 - 98,253 119,460 145,190 (4,364)	1,521,750
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imber 31, 2017 Total Employer Expense	30,602	239,748 205,063	665,427 182 967	100,753	158,364 15 714	135,022	161,596 711,280	573,547 16 330 568	16,478,021	185,729 247,704	816,133 13 184 215	19,228,774	2,027,155 932.219	47,607	129,286 10,597	151,047	31,350 81,066	1,714,778	142,695 31,801,386	31,732,056 15 203	314,832	362,238 150.438	195,637	8,749 296,344	122,568 121.717	209,043	46,300	46,215 61.084	24,871	15,873	41,093 264 794	1,340,420	959,284 335,541	136,772	22,253	4,860,303 5 030 238	135,474	344,050 344,791	1,047,037	449,910
OPEB Expense for the year ended December 31 Deferred Amounts from Changes in Proportion and Differences Between Employer Proportionate Contributions Share of and Proportionate Employ OPEB Expense Contributions Expense	671	3,692 16,385	3,079 (548)	4,458	(9,063) 9,006	(886)	11,102 26,088	17,622	112,687	(47,886) (8,057)	(35,797) 301 200	(975,025)	330,204 (89.251)	9,015	666 598	(21,978)	9,238 8,654	220,220	14,191 (1,956,432)	(1,572,162) /2 947)	14,945	3,935 6.948	(5,839)	(192) (24,423)	(8,977) 10.882	(13,520)	19,120	(8,697) (7.317)	5,395	41	23,551 39.457	16,279	2,682 (2,599)	(51,149)	1,340	372	(7,677)	(1,614) (3.274)	(32,960)	15,368
OPEB Expense for C Proportionate Share of Chare of Chare of Expense	29,931	230,U50 188,678	662,348 183 515	96,295	167,427 6.708	135,908	150,494 685,192	555,925 16 120 408	16,365,334	233,615 255,761	851,930 12 703 006	20,203,799	1,696,951 1.021,470	38,592	128,620 9,999	173,025	22,112 72,412	1,494,558	126,704 33,757,818	33,304,218 18 150	299,887	358,303 143.490	201,476	8,941 320,767	131,545 110.835	222,563	2/3,400 46,032	54,912 68,401	19,476 25 550	15,832	17,542 225 337	1,324,141	956,602 338,140	187,921	20,913	4,859,931 4 056 755	143,151	345,664 348.065	1,079,997	434,542
2017 Total Deferred Inflows of Resources	4,372	34,478 27,558	96,743 30,556	14,065	86,444 980	25,913	21,981 100,081	81,200 2 356 046	2,390,346	361,661 92,463	369,282 1 868 567	9,620,172	247,859 759.676	5,636	18,787 1,461	175,604	3,230 10,576	218,297	16,7312,711	15,618,057 22 808	43,802	52,335 20.958	69,363	2,619 213,904	80,612 16.189	124,983	59,945 6,724	67,504 60.041	2,845	2,312	2,563 32 913	193,406	139,723 67,165	377,305 6 906	3,054	709,849 723 002	73,422	61,526 73.236	383,192	63,469
Deferred Inflows of Resources for the year ended December 31. Employer Employer Employer Proportion and Bifferences Bifferences Projected Projected Investment Assumptions Combibitionate Combibitionate Combibitionate Earling Assumptions CPEB Expense			3 752		61,989 -	6,062				327,539 55,106	244,848	6,669,173	- 610.478			150,331			- 13,381,991	10,753,591 20.157	-		39,935	1,313 167,052	61,399 -	92,476		59,484 50,050	•			ı	- 17,776	349,857			52,513	11,037 22.397	225,446	
urces for the year Changes of Assumptions				•		ı								·				•					•	•••		•						•		ı	• •				·	
ed Inflows of Reso Differences Between Projected and Actual Investment Earnings	2,475	19,521	54,774 15,176	7,963	13,846 555	11,239	12,445 56,664	45,974	1,353,371	19,319 21,151	70,452	1,670,802	140,333 84,473	3,191	10,637 827	14,309	1,829 5,988	123,596	10,043 2,791,685	2,754,173	24,800	29,631 11.866	16,662	739 26,527	10,878 9.166	18,405	3,807	4,541 5,657	1,611	1,309	1,451 18,635	109,503	/9,109 27,963	15,541	1,729	401,904 409 911	11,838	28,586 28.784	89,313	35,935
Defer Differences Between Expected and Actual Economic Experience	1,897	14,957	41,969 11 628	6,102	10,609 425	8,612	9,536 43,417	35,226 1 022 005	1,036,975	14,803 16,206	53,982 810.618	1,280,197	107,526 64.725	2,445	8,150 634	10,964	1,401 4,588	94,701	6,155 2,139,035	2,110,293 1 150	19,002	22,704 9.092	12,766	567 20,325	8,335 7.023	14,102	2,917	3,479 4.334	1,234	1,003	1,112 14 278	83,903	60,614 21,426	11,907	1,325	307,945 314 081	9,071	21,903 22.055	68,433	27,534
, 2017 Total Deferred Outflows of Resources	41,281	314,638 343,377	833,040 224 973	148,545	205,251 69.828	166,611	260,429 1,018,430	802,050 21 204 646	20,833,276	286,393 313,541	1,044,393 18 358 006	24,768,125	4,338,910 1,252,235	108,977	162,232 16,345	212,114	90,294 147,961	3,338,503	234,630 41,384,191	40,828,116 22 250	469,857	466,164 223.431	246,992	10,961 393,233	161,263 210.305	272,843	400,001 58,263	67,317 83.854	60,775	19,689	182,593 546 129	1,734,629	1,191,058 414,530	230,375	34,807	5,960,402 6 570 180	175,491	423,755 426.698	1,323,984	637,827
Deferred Outflows of Resources for the year ended December 31. Changes in Endoyer cs Differences Differences Differences and Proportion and freences and Proportion and freences and Proportion and freences and Actual Proportion and und and Actual Instrument Contributions and und Investigation Contributions Assumptions Contributions Contributions	4,588	25,254 112,074	21,059 -	30,496	61.604	1	75,936 178,444	120,533	770,780		2 675 868		2,258,594	61,666	4,555 4,087		63,187 59,190	1,506,303	-		102,222	26,915 47.524			74.431		1,831		36,899	280	161,088 269 885	111,346	18,346	ı	9,169	2,543 502 623	-			105,116
ources for the year Changes of Assumptions	36,693	231,303	811,981 224.973	118,049	205,251 8.224	166,611	184,493 839,986	681,517 10 774 608	20,062,496	286,393 313,541	1,044,393 15,683,128	24,768,125	2,080,316 1.252,235	47,311	157,677 12,258	212,114	27,107 88,771	1,832,200	41,384,191	40,828,116 22 250	367,635	439,249 175.907	246,992	10,961 393,233	161,263 135.874	272,843	56,432	67,317 83.854	23,876	19,409	21,505 276 244	1,623,283	1,1/2,/12 414,530	230,375	25,638	5,957,859 6.076.557	175,491	423,755 426.698	1,323,984	532,711
ed Outflows of Res Differences Between Projected and Actual Investment Earnings	ı			•		ı								ı		•		•					•			•						•		·					•	
Deferre Differences Between Expected and Actual Econotic Experience				•												•							•									•			• •	• •			•	
Net OPEB Liability	376,032	2,370,426	8,321,296 2 305 557	1,209,780	2,103,439 84.280	1,707,452	1,890,709 8,608,294	6,984,277 202 652 847	205,603,162	2,934,989 3,213,211	10,703,081 160 722 809	253,827,081	21,319,362 12,833,071	484,850	1,615,892 125,623	2,173,775	277,797 909,733	18,776,632	1,010,340	418,412,029 228,023	3,767,576	4,501,486 1.802.718	2,531,206	112,326 4,029,905	1,652,641 1.392.453	2,796,130	3,433,647 578,320	689,875 859,347	244,686	198,906	220,391 2 830 981	16,635,622	12,018,110 4,248,160	2,360,919	262,737	61,056,939 62 273 376	1,798,457	4,342,695 4.372.854	13,568,363	5,459,294
Employer Code	0117P	0118F 0118P	0120P 0121P	0122F	0123P 0125P	0126F	0126P 0127F	0127P 0128E	0128P	0129F 0129P	0130F 0131E	0131P	0132F 0132P	0133P	0134F 0135F	0136P	0137P 0139P	0140F	0141F	0142P 0143P	0144F	0145F 0146F	0146P	0147P 0148F	0150F 0150P	0152F	0154P	0155F 0155P	0156P	0158P	0159F 0160F	0161F	0161P 0162F	0162P	0164P	0166F 0166P	0167P	0168F 0168P	0169F	0170F
Employer #	0117P	0118F	0120P 0121P	0122F	0123P 0125P	0126F	0126P 0127F	0127P 0128E	0128P	0129F 0129P	0130F	0131P	0132F 0132P	0133P	0134F 0135F	0136P	0137P 0139P	0140F	0141F	0142P 0143P	0144F	0145F 0146F	0146P	0147F 0148F	0150F 0150P	0152F	0154P	0155F 0155P	0156P	0158P	0159F 0160F	0161F	0161P 0162F	0162P	0164P	0166F 0166P	0167P	0168F 0168P	0169F	0170F

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mber 31, 2017 Total Employer OPEB Expense	120,644	124,990 48,650	32,492	27,078	411,203	266,210 41,328	17,316	1,304,677 14,153	323,594 345 257	115,494	215,313 11,952	61,171 434 468	294,113	29,795 116 279	24,556	5,990 15,502	39,896	1,183,013 1.359.688	254,142	334,679 1,483,849	1,305,166	4/4,303 354,800	1,074,376 731 107	154,130	/29,366 1,121,914	361,863	40,214	63,669 466.994	430,296	2,110	901,206 711.604	•	- 487 508	529,381	22,479 (2,098)	15,756	242,919	143,877 367 592	615,631	42,203 330,503	
Expense for the year ended December 31. Deterred Amounts Proportion and Proportion and Differences Between Employer Artionate Contributions Exploy are of and Proportionate Employ PEE Share of OPEE Perse Contributions Expense	19,704	16,399 (641)	765	440 5,859	49,853	388 (8,482)	2,707	63,756 7	(44,320) 67 481	(18,531)	10,848 (563)	(2,018) (13 510)	(7,850)	(13,551) (35,371)	(2,609)	(5,713) (17,542)	673	15,641 82.768	65,150	28,754 21,667	(19,888)	410	58,941 36 521	9,435	86,114 73,976	49,048 26 740	5,481	8,451 (9.143)	16,629	3,488 (2,189)	(85,659) (43,999)	-	- (3 164)	(48,448)	1,914	(437)	(38,294)	28,423	18,930	4,228 (258) (8,404)	
OPEB Expense for t DP f f f f f f f f f f f f f f f f f f	100,940	108,591 49,291	31,727	21,219 21,219	361,350	265,822 49,810	14,609	1,260,919	367,914 277 776	134,025	204,465 12,515	63,189 447 987	301,963	43,346 151 650	27,165	11,703 33,044	39,223	1,167,372 1.276.920	188,992	305,925 1,462,182	1,325,054	4/3,995	1,015,435 604 676	144,695	643,252 1,047,938	312,815	34,733	55,218 476.137	413,667	4,299	986,865 755.603	1	- 485 762	577,829	zu, 265 13 336	16,193	281,213	115,454 351 800	596,701	13,249 42,461 338,907	
2017 Total Deferred Inflows of Resources	14,743	15,861 11,581	4,634	3,100	52,780	38,827 65,295	2,134	2,066	356,889 40.572	146,330	5,676	23,035 157 903	97,798	99,021 264 089	21,817	40,783 124,813	5,729	170,509 186,509	27,604	44,684 213,569	329,573	09,229 49,514	148,316 101 466	21,134	93,954 153,064	45,690	5,073	8,065 132.081	60,421	3,270 15,603	730,048 411.319		- 97 594	415,784	3,004 107.513	5,356	303,007	16,864 51 385	87,155	1,930 7,969 106,985	
Deferred Inflows of Resources for the year ended December 31, Employer Employer Proportion and Between Between Projected Projected Between Between Contributions and Actual Contributions and Actual Contributions Actual Actual Actual Contributions Actual Actua		4,382	•			- 58,020	•		303,150 -	126,754	3,848	13,805	53,692	92,689 241 939	17,849	39,073 119,986			ı		136,033							- 62.536	•	- 14,975	585,905 300.955		- 21 643	331,385	- 105.565	2,991 776 744	261,932			- 1,768 57,483	
rces for the year e Changes of Assumptions			•		•		•			•			•		ı		•		ı		•			• •		•		• •	•		• •		• •			•					
J Inflows of Resou Differences Between Projected and Actual Investment Earnings	8,347	8,980 4,076	2,624	2,075	29,883	21,983 4,119	1,208	115,929	30,426 22 971	11,084	16,909	5,226 37 047	24,972	3,585 12 541	2,247	968 2.733	3,244	96,539 105,598	15,629	25,299 120,919	109,579	28,034	83,974 57 448	11,966	53,195 86,662	25,869	2,872	4,566 39.375	34,209	1,851 356	81,611 62.486		- 40.171	47,785	1,701	1,339	23,256	9,548 29 093	49,346	1,090 3,511 28,027	
Deferre Differences Between Expected and Actual Economic Experience	6,396	6,881 3,123	2,010	1,345	22,897	16,844 3,156	926	61,154 896	23,313 17 601	8,492	793	4,004 28 386	19,134	2,747 9,609	1,721	742 2,094	2,485	73,970 80,911	11,975	19,385 92,650	83,961	21,480	64,342 44.018	9,168	40,/59 66,402	19,821	2,201	3,499 30,170	26,212	1,419 272	62,532 47.878	•	- 20 780	36,614	1,303 845	1,026	17,819	7,316 22 292	37,809	040 2,690 21,475	
2017 Total Deferred Outflows of Resources	258,516	245,289 60,426	44,128	33,772 66,087	783,982	328,524 61,063	36,426	z,143,203 17,393	451,031 802 099	164,303	324,857 15,343	77,464 540-103	370,181	53,139 185 910	33,303	14,347 40,509	52,686	1,538,081 2.131.527	677,314	571,719 1,940,716	1,624,403	203,683 523,683	1,647,993	241,919	1,377,589	718,971	80,070	125,500 583.703	620,860	5,270	1,209,812 926.304	•	- 505 507	708,369	30,301 16 349	19,852	344,743	335,951 539 294	860,986	43,140 52,053 415,471	
ended December 31, Changes in Employer Proportion and Differences Between Proportionate Share of Contributions	134,772	112,166	5,233	3,008 40,074	340,998	2,650	18,516	512,906 51	461.570		- 14,201		•		ı		4,603	106,983 566,133	445,626	196,681 148,206	- 00 0	z,ous 108,104	403,157 240 806	64,535	589,017 505,992	335,486 254,264	37,490	57,807	113,740	23,861	• •	•			13,090	•		194,414 108.017	129,482	20,904	
Deferred Outflows of Resources for the year ended December Changes in Changes in Employer Case Differences Proportion and Between Between and Actual and Actual Changes of Proportion and and Actual Changes of Share of Proportionate Contributions and ual and Actual Proportionate Cincidence Contributions Inc Investiment Changes of Share of Restingtons Contributions	123,744	133,123 60,426	38,895	30,764 26,013	442,984	325,874 61,063	17,910	17,342	451,031 340 529	164,303	250,655 15,343	77,464 549-193	370,181	53,139 185 910	33,303	14,347 40,509	48,083	1,431,098 1.565.394	231,688	375,038 1,792,510	1,624,403	415,579	1,244,836 861 613	177,384	/88,5/2 1,284,682	383,485	42,580	67,693 583.703	507,120	21,441 5,270	1,209,812 926.304	•	- 595 507	708,369	16 349	19,852	344,743	141,537 431 277	731,504	10,242 52,053 415,471	
d Outflows of Ress Differences Between Projected Projected Investment Earnings			•		'					•					ı		1		ı		•					•			•			•				•					
Deferrer Differences Between Expected and Actual Economic Experience			•				•			•											•			• •		•										•					
Net OPEB Liability	1,268,144	1,364,260 619,256	398,599	315,277 266,584	4,539,765	3,339,605 625,777	183,540	15,092,617 177,721	4,622,231 3.489.790	1,683,803	2,568,759	793,866 5 628 205	3,793,662	544,574 1 905 230	341,289	147,029 415,143	492,766	14,666,084 16.042.367	2,374,375	3,843,436 18,369,879	16,647,101	3,934,003 4,258,908	12,757,250 8 777 447	0,121,441 1,817,852	8,081,392 13,165,594	3,930,005	4,421,337	693,722 5.981,868	5,197,033	281,276 54,013	12,398,318 9.492.888	1	- 6 102 788	7,259,462	200,303 167,551	203,444	3,532,975	1,450,488 4 419 784	7,496,550	100,432 533,446 4,257,803	
Employer Code		0171P 0172P	0173F	0173P	0176F	0176P 0177P	0178P	0180P	0181F 0181P	0182F	0182F	0183P 0184F	0184P	0185F 0185P	0186P	0187P 0188P	0189P	0190F 0190P	0191F	0191P 0192F	0192P	0193P	0194F	0195P	0196F 0196P	0197F	0198F	0198P 0199F	0199P	0202P	0203F 0203P	0204F	0204F	0205P	0207P	0208P	0210P	0212F 0212P	0213F	0216P 0217F	
Employer #	0171F	0171P 0172P	0173F	0174P	0176F	0176P 0177P	0178P	0180P	0181F 0181P	0182F	0182F	0183P 0184F	0184P	0185F 0185P	0186P	0187P 0188P	0189P	0190F 0190P	0191F	0191P 0192F	0192P	0193P	0194F	0195P	0196F 0196P	0197F	0198F	0198P 0199F	0199P	0202P	0203F 0203P	0204F	0204F	0205P	0207P	0208P	0210P	0212F 0212P	0213F	0216P 0216P 0217F	

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Total Employer OPEB Expense	335,229 998,906	262,284 175 449	7,974	83,509	743,860 702,778	45,682	60,584	136,857	55,996 55,996	149,192	42,443 132,652	60,282 20,005	102,106	15,480	85,402 81.263	49,178	6,224 446.475	319,344	109,513 786,313	888,755	94,117	103,508	200,303 367,229	43,879 1.168.808	375,814	8,093 1.774.112	1,596,513	490,432 243,773	24,890 525 051	296,760	338,628 223,221	71,508	211,004	75,337	60,162	10,675	398,025 390,496	17,587	988,775	126,166 14 877	99,895 112.161	
OPEE Expense for the year endeed december 31, 2011 Tom Changes in Froportion and Differences Differences Proportion and Differences Proportionate Contributions Share of and Proportionate Employer OPEB Share of OPEB Expense Contributions Expense	(5,882) 19.420	16,500 /e 220/	309	4,762	11,576 (9,675)	(4,308) 0.004	9,004 (1,587)	7,049	(332) 2,017	17,751	(1,302) (59,285)	(81,668)	4,362	2,458	1,342 3.739	7,228	(101) 41.779	11,857	(1,351) (27,981)	1,694	z,uz4 15,351	11,103	13,134 50,278	10,530 (28.282)	13,789	4,638 41.378	120,728	8,281	1,623 63 774	(6,694)	5,150 14,830	4,726	(9,894) (13,207)	(19,251)	(896) (1,545)	6,118	15,430 15,190	2,950	31,925	(9,888) (886)	(600) (600) 46.206	
OPER EXpense for Proportionate Share of CPER	341,111 979,486	245,784	7,665	78,747	732,284 712,453	49,990	62,171	129,808	51,224 63,979	131,441	44,025 191,937	141,950	97,744	13,022	77.524	41,950	6,325 404.696	307,487	110,864 814,294	887,061	78,766	92,405	203,033 316,951	33,349 1.197.090	362,025	3,455 1.732.734	1,475,785	439,288 235,492	23,267 461 277	303,454	333,478 208,391	66,782	252,070	94,588	61,707	4,557	382,595 375,306	14,637	956,850	136,054 15 763	100,495 65,955	
Total Total Deferred Inflows of Resources	90,059 143.065	35,900	1,120	11,502	106,959 170,238	36,772	zu,u71 19,938	18,960	9,345	19,199	433,544	579,346	1,430	1,902	11,401 11.323	6,127	1,617	44,912	25,437 310,326	129,566	2, 107 11,505	13,497	30,032 46,294	4,871 368.295	52,877	505 253.086	215,556	04,103 34,397	3,398 67 374	90,107	48,709 30,437	9,755	109,001	145,494	18,473	666 77 200	54,818 54,818	2,137	11,117 139,759	87,506 8.367	0,001 18,785 9,633	
Changes in Changes in Changes in Proportion and Proportion and Differences Between contributions and Proportionate Share of Share of COFEB Expense	40,236 -	-	-		- 66,176	29,470	- 10,858		2,213		405,509	558,612				•			9,244 191,389	•				- 193.446	1		•			45,784			90,335 90,335	131,679	6,130 10,569					67,634 6 064	4,106	
Deterret minows or resources on increase articular si, duri- enderse Changes in Employer Employer Employer Differences Differences Differences Differences al Projected Contributions al and Actual Changes of Share of Inte ic Earlings Assumptions OPEB Experse Re						•		•				i		'		'				•					,		•			•		•	•••	•								
Differences Between Projectual Investment Earnings	28,209 81,001	20,326	634	6,512	60,558 58,918	4,134	11,304 5,141	10,735	3,U/0 5,291	10,870	3,04 I 15,873	11,739	04/ 8,083	1,077	6,455 6.411	3,469	33.467	25,428	9,168 67,340	73,358	6,514	7,642	26,211	2,758 98.996	29,938	286 143.293	122,044	30,328 19,475	1,924 38 146	25,095	27,578 17,233	5,523	23,/82 20,846	7,822	6,988 5,103	377	31,640 31,037	1,210	0,294 79,129	11,251 1 304	6,311 5,454	
Differences Between Expected and Actual Economic Experience	21,614 62,064	15,574	486	4,990	46,401 45,144	3,168	0,7U7 3,939	8,225	4,054	8,329	z, rau 12,162	8,995	6,193	825	4,946	2,658	401 25.643	19,484	7,025 51,597	56,208	949 4,991	5,855	10,040	2,113 75.853	22,939	219 109.793	93,512	14,922	1,474 29,228	19,228	21,131 13,204	4,232	15,972	5,993	3,910	289	24,243 23,781	927	4,023 60,630	8,621 999	6,368 4.179	
Total Deferred Outflows of Resources	418,172 1.333,599	414,169	11,507	129,108	976,898 873,406	61,284	z30,000 76,216	207,347	45,034 92,228	282,554	235,298	174,019	149,664	32,775	145,914 120.613	100,864	781,891	458,052	135,910 998,254	1,099,050	32,201 201,562	189,228	428,434 732,456	112,909 1.467.530	538,126	35,955 2,407,210	2,634,965	888,355 345,335	39,625 1 001 700	372,009	444,043 356,905	114,192	352,545 309,016	115,956	75,647	47,431	563,992	38,123 176 706	1/391,385	166,790 19.324	123,198 396,904	
Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	- 132,833	112,858	2,110	32,571	/9,181	- 000	ana'/a	48,213	13,795	121,418		- 01 001	94,UZ5 29,838	16,812	50,219 25.576	49,437	285.769	81,099	• •	11,589	13,041	75,947	343,901	72,026	94,315	31,720 283.027	825,779	349,825 56,642	11,101 436 214		35,228 101,436	32,323		ŗ		41,845	103,900 103,900	20,180	oz,477 218,368		316.048	
Changes of Assumptions	418,172 1.200.766	301,311	9,397	96,537	897,717 873,406	61,284	76,216	159,134	42,034 78,433	161,136	235,298	174,019	12,332	15,963	95,695 95.037	51,427	496,122	376,953	135,910 998,254	1,087,461	10,300 96,561	113,281	323,555 388,555	40,883 1.467.530	443,811	4,235 2.124.183	1,809,186	538,530 288,693	28,524 565 486	372,009	408,815 255,469	81,869	352,545 309,016	115,956	75,647	5,586	469,028 460,092	17,943	80,508 1,173,017	166,790 19.324	123,198 80.856	
The second of the second second and second s		•		•			• •		• •					•		,									•							•						•				
Differences Between Expected and Actual Economic Experience												•													I																	
Net OPEB Liability	4,285,486 12.305.608	3,087,871	96,297	989,321	9,199,923 8,950,784	628,044	781,073	1,630,827	40/,000 803,793	1,651,343	2,411,367	1,783,369	1,227,990	163,596	973.956	527,027	79,464 5.084.327	3,863,063	1,392,821 10,230,243	11,144,446	989,565	1,160,918	3,981,961	418,979 15.039.447	4,548,235	43,400 21.768.914	18,540,779	2,958,565	292,313 5 795 178	3,812,399	4,189,592 2,618,081	839,006	3,012,938 3,166,842	1,188,337	775,243	57,248	4,806,666 4,715,089	183,885 056 220	930,239 12,021,232	1,709,288 198 039	1,262,546 828,621	
Employer Code	0217P 0218P	0220F	0221F	0221P	0222F 0222P	0223P	0225F	0225P	0227P	0228P	0230F	0230P	0231P	0232P	0233F 0233P	0234P	0237F	0237P	0238P 0239F	0240F	0242P	0243P	0244P	0245P 0246P	0247P	0248P 0250F	0250P	0252F	0253P 0254F	0254P	0255F 0256F	0257P	0259P	0260F	0261P	0262P	0263F 0263P	0264F	0265P	0266P 0267P	0269P 0270F	
Employer #	0217P 0218P	0220F	0221F	0221P	0222F 0222P	0223P	0225F	0225P	0227P	0228P	0230F	0230P	0231P	0232P	0233F 0233P	0234P	0237F	0237P	0238P 0239F	0240F	0242P	0243P	0244P	0245P 0246P	0247P	0248P 0250F	0250P	0252F	0253P 0254F	0254P	0255F 0256F	0257P	0259P	0260F	0261P	0262P	0263F 0263P	0264F	0265P	0266P 0267P	0269P 0270F	

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OPEB Expense for the year ended December 31, 2017 Deferred Amounts from Changes in Proportion and Differences Between Employer Share of and Proportionate Share of OPEB Expense Contributions Expense
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Differences Differences Between Between Expected Projected and Actual and Actual Economic Investment Changes of Experience Earnings Assumptions
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L December 31, 2017 tts n	rer Total tte Employer CPEB Expense) 1,013,714 0 1 210.667										211,187 211,187 202702) 280,109 143,880									53,405 54,172					
Expense for the year ended December Deferred Arnounts from Changes in Proportion and Differences	Between Employe Contributions and Proportionate Share of Contributions	5 (57,782) 2 (3.4.215)		7 (78) 2 723) (1)	3 487		5 104,482 8 (13,189)		(41,454) 3 (41,454) 3 (41,454)				4 (73,677) 4 (181)			7 15,549 0 13,873				0 (35,091) 3 5,687			7 (3,922) 6 (11.411)				8 (3,721) 8 1,758 7,467)		3 15,622 5 2,936					9 3,618 4 22,593
OPEB Expens	Proportionate Share of OPEB Expense	1,071,496	-			240,589 12,233			318,378		204,403				986,344		558,740 366,440	33,707 136,050		518,586 518,586 244 360		315,200 138 193							50,009 6,388 6,388				1,339,957		1,0,1	36,679 563,314
ar 31, 2017 1	Total te Deferred Inflows of e Resources	551,730 415 862					1,176	70,601	58,698 136,715		313,403	26,416	-,		648,019	20,690	2 2					286,057	111,815		128,966			51,032 51,032		73,871	5,519 7,484	391,275 212,245				5,357 82,279
year ended December Changes in Employer Proportion and Differences	Between Contributions and Proportionate of Share of ns OPEB Expense	395,226	90,289	- 536		- 50,852 - 69,794			- 90,212	- 54 803	- 283,547		- 54,484	- 79,450 	- 503,952 1 241		- 60,865 - 801,186		5,945	41,888 41,888 50,680		240,019			26,826	- 29,521	- 218,759			- 10,900 - 66,734	•••	- 315,052 	- 145,048	- 20,921		•••
Deferred Inflows of Resources for the year ended December 31, Changes in Employer Proportion and es Differences Differences	en ted tual nent Changes of ugs Assumptions	88,610 102 040	2,756	4,216 1,680	3,056	19,896 1,012	666 2 013	39,973	3,234 3,329	8,533 7,616	3,904	14,956	5,081 620	131 108.140	81,568 ane	11,714	46,206 30,304	2,787 11.251	1,507	11,331 42,886 28.478	64,463 67,463	26,066 11 428	63,308 43,470	0,918 1,588	57,830 43 416	8,374 - 812	3,184	20,440 28,893 2 520	528 528	4,041	3,125 4,237	3,156),169	0,811 * 821	5,080	8,385 82,814	3,033 46,585
Deferred Inflows	Between Between Expected Projected and Actual and Actual Economic Investment Experience Earnings	67,894 81 78 881 101				15,245 15 775					12,952		- 10	101 82.859 108			35,404 46 23,219 30			0,/20 32,860 31 821				62,001 80				22,139 23			2,394 3,247					
	Deferred Ecx Deferred and Outflows of Ecc Resources Exp	1,313,562 1 526 119	40,850	62,506 29,849	206,332	294,942 14,997	13,207 727 187	827,789	,207,324 390,304	279,415 409.385	250,580 201 eE0	429,183 429,183	9,184	1,949 656 480	1,209,174	215,300	684,967 449,224	147,675 261.678	22,342	100,000 635,742 400 167	722,107 ,169,873 964 939	386,408 208,309	1,547,124 857 885	2,189,790 868,517	857,278 643.600	717,100 036.724	832,871	451,208 472,208 27,622	21,922 19,853 22,707	32,707 59,898	153,175 82,894	639,754 ,843,838	,642,672 175 500	75,302	124,302 1,772,234	69,716 845,111
ended December 31, 201 Changes in Employer Proportion and Differences	Between Contributions and T Proportionate De Share of Outt Contributions Res			4,948	12,794			235,221		4,683 -		207,470	-	53.396		41,645		106,353 94,893			214,268		608,647 213.484			120.413		43,888	12,022		106,856 20,083	62,441		c + 60	544,597	24,751 154,536
Deferred Outflows of Resources for the year ended December 31. Enablyer Proportion and ces Differences Differences	Changes of Assumptions	1,313,562 1 576 110	40,850	62,506 24,901	193,538	294,942 14,997	9,873 636 141	592,568	390,304 390,304	274,732 409 385	250,580	221,713 221,713	9,184	1,949 1.603.084	1,209,174	173,655	684,967 449,224	41,322 166.785	22,342	100,000 635,742 422 422	955,605	386,408 169,412	938,477 644 401	1,199,534 868 517	857,278 643.600	717,100 916.311	832,871	428,320 428,320	7,831	59,898	46,319 62,811	639,754 1,781,397	1,642,672	75,302	124,502 1,227,637	44,965 690,575
Differences	Between Projected and Actual Investment Earnings				•														i								•							•••		
Defe	Between Expected and Actual Economic Experience										•				• •					•••							•									
	r Net OPEB Liability	13,461,562 15,630,870	418,633	640,565 255,185	1,983,408	3,022,600 153,692	101,175 6 519 263	6,072,714	5,048,893 3,999,887	2,815,490 4 195 433	2,567,977	2,272,146	94,116	19,972 16.428.626	12,391,774	1,779,635	7,019,638 4,603,704	423,472 1.709.237	228,963	6,515,172 6,515,172	9,793,167 9,793,167	3,959,966	9,617,639 6,603,011	12,292,990 8 000 681	8,785,499 6,595,701	7,348,938	8,535,374	4,389,478 4,389,478	80,257 80,257	533, 107 613, 839	474,680 643,693	6,556,284 18,256,001	16,834,324	771,701	1,2/3,86/ 12,580,985	460,810 7,077,107
	Employer er # Code	0323F 0323E	0324F	0324P 0325F	0325P	0326P 0328P	0329P 0330F	0330P	0331F 0331P	0333P 0334F	0335F	0337F	0339P	0342P 0343F	0343P	0345F	0346F 0346P	0347P 0348F	0349F	0350F 0350F	0351F	0352F 0354P	0355F	0356F	0357F 0357F	0358P 0359F	0359P	0360P	0362P	0365P	0366P 0367F	0367P 0369F	0369P	0371F	0373F	0375F 0376P
	Employer #	0323F	0324F	0324P 0325F	0325P	0326P 0328P	0329P	0330P	0331F 0331P	0333P 0334F	0335F	0337F	0339P	0342P 0343F	0343P	0345F	0346F 0346P	0347P 0348F	0349F	0350F	0351F	0352F 0352F	0355F	0356F	0357F 0357F	0358P 0359F	0359P	0360P	0362P	0365P	0366P 0367F	0367P 0369F	0369P	0371F	U3/1F 0373F	0375F 0376P

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mber 31, 2017	Total Employer OPEB Expense	463,143	122,402 46.138	1,311,962	939,309 5.473	1.324.414	85,209	346.137 346.137	58,079	91,592	41,429	66,148	18,210 80.625	32,450	212,182 354,409	16,193	71,780 19.896	417,722	439,532 221 381	15,791	13,322 57 900	11,270	143,680 539,184	418,659	71,014	31,977 75,117	125,889	180,683 56.689	21,461	407,088	62,310 29.600	81,543	30,916	81,877	41,091	- 24 681	21,066	502,692 296,216	54,773 41.815	17,375	20,074	1,100,867 737,702
OPEB Expense for the year ended December Deferred Amounts from Changes in	Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	(36,156)	6,018 6.694	129,012	(38,801) (429)	(123,272)	(451)	52,534	782	6,829	615 0.462	8,463	564 (1.536)	(2,565)	4,302 3,646	681	2,314 2.692	(53,880)	(947) 347	(373)	899 3 459	(559)	(829) (16.369)	50,589 8 245	(6,558)	699 1 805	6,877	840 3.055	(11,436)	50,439	(3,122) (12 588)	2,159	1,009 864	8,495	(965 (065	- (4.827)	8,648	54,193 20,207	6,967 (210)	9,958 561	101 (1,675)	(60,635) (94,005)
OPEB Expense for	Proportionate Share of OPEB Expense	499,299	116,384 39,444	1,182,950	978,110 5.902	1.447.686	85,660	293.603	57,297 71 717	84,763	40,814	57,685	17,646 82.161	35,015	207,880 350,763	15,512	69,466 17.204	471,602	440,479 221 034	16,164	12,423 54 441	11,829	144,509 555.553	368,070	77,572	31,278 73 312	119,012	179,843 53.634	32,897	356,649	65,432 42 107	79,384	30,052	73,382	40,426	- 29.508	12,418	448,499 276,009	47,806 42.025	7,417	21,749	1,161,502 831,707
, 2017	Total Deferred Inflows of Resources	320,234	17,000 5.761	172,784	408,261 3 793	1,054,633	15,598	4,4/4	8,369	12,381	5,961	8,425	2,577 22,506	22,658	30,363 51,233	2,266	10,147 2.513	437,423	70,816 32 285	4,914	1,814 7 952	5,553	26,775 193.108	53,760	56,189	4,569 10 708	17,383	26,269 7.833	83,029	52,093	30,915 02 264	11,595	4,309	10,719	5,905	37.328	1,814	65,509 40,314	6,982 7.573	1,083	14,632	584,392 764,474
for the year ended December 31, Changes in Employer	Proportion and Differences Between Contributions and Proportionate Share of OPEB Expense	247,305			265,397 2 931	843,182	3,086						10.505	17,543				368,540	6,479 -	2,553		3,825	5,667 111.963		44,859				78,223		21,358 86.100	-		- 2 756		- 33.018			- 1,435		11,455	414,741 642,994
urces for the year	Changes of Assumptions			•		•	•							ı				ı				•							•							• •				•		• •
Deferred Inflows of Resources	Differences Between Projected and Actual Investment Earnings	41,291	9,625 3.262	97,827	80,887 488	119.720	7,084	24,280	4,738	7,010	3,375	4,770	1,459 6.795	2,896	17,191 29,007	1,283	5,745 1.423	39,000	36,426 18 279	1,337	1,027 4 502	978	11,951 45,943	30,438	6,415	2,587 6 063	9,842	14,873 4.435	2,721	2,233 29,494	5,411 3.400	6,565	2,485	6,069	3,343	- 2 440	1,027	37,090 22,825	3,953 3.475	613	1,799	96,053 68,780
Deferre	Differences Between Expected and Actual Experience	31,638	7,375 2.499	74,957	61,977 37 4	91.731	5,428	1,941	3,631	5,371	2,586	3,655	1,118 5.206	2,219	13,172 22,226	983	4,402 1.090	29,883	27,911 14 006	1,024	787 3 450	750	9,157 35.202	23,322	4,915	1,982 4645	7,541	11,396 3.398	2,085	22,599	4,146 2.674	5,030	1,904	4,650	2,562	- 1870	787	28,419 17,489	3,029 2.663	470	1,378	73,598 52,700
, 2017	Total Deferred Outflows of Resources	612,098	183,843 94.141	2,332,635	1,199,079 7 235	1.774.739	105,012	49,900 719,267	75,588	150,627	54,238 106 004	128,604	25,489 100.722	42,926	284,265 454,947	23,672	100,988 39.503	578,143	539,989 273 345	19,816	21,378 90.400	14,501	177,155 681.060	797,252	95,097	43,123	192,936	226,216 86.650	40,329	782,221	80,214 51 730	112,085	41,040	148,068 A6 242	54,104	- 36 175	74,375	920,500 476,575	106,257 51.519	77,207	26,662	1,423,902 1,019,601
Deferred Outflows of Resources for the year ended December 31, Changes in Employer	Proportion and Differences Between Contributions and Proportionate Share of Contributions	•	41,166 45.786	882,440				359,335	5,346	46,714	4,203 64 720	57,887	3,857 -	•	29,422 24,941	4,655	15,828 18.413	1	2 376	-	6,149 23.661			346,029 56,029	-	4,778 12 348	47,038	5,744 20.899	•	345,000		14,768	5,909	58,108	4,545		59,152	370,678 138,212	47,651	68,114 2 025	-	••
ources for the year	Changes of Assumptions	612,098	142,677 48.355	1,450,195	1,199,079 7 235	1.774.739	105,012	31,343 359,932	70,242	103,913	50,035 40.265	70,717	21,632 100.722	42,926	254,843 430,006	19,017	85,160 21.090	578,143	539,989 270 969	19,816	15,229 66 739	14,501	177,155 681.060	451,223	95,097	38,345 80 874	145,898	220,472 65.751	40,329	437,221	80,214 51 730	97,317	30,042 36,841	89,960 A 6 24 2	49,559	- 36 175	15,223	549,822 338,363	58,606 51.519	9,093 10 541	26,662	1,423,902 1,019,601
d Outflows of Res	Differences Between Projected and Actual Investment Earnings			•		•	•							,		ı						•							•		• •									•		
Deferre	Differences Between Expected and Actual Economic Experience			•										,		•																								•		• •
I	Net OPEB Liability	6,272,861	1,462,177 495.547	14,861,794	12,288,321 74 143	18,187,762	1,076,173	3,688,628	719,848	1,064,910	512,766	724,720	221,688 1.032.218	439,909	2,611,661 4,406,759	194,889	872,729 216.136	5,924,892	5,533,879 2 776 929	203,076	156,072 683 954	148,610	1,815,512 6.979.597	4,624,192	974,568	392,961 021 042	1,495,186	2,259,426 673.824	413,302	4,480,704	822,048 530 138	997,322 377 560	377,550	921,926 472 808	507,888	370 723	156,009	5,634,647 3,467,591	600,598 527,973	93,186 108 025	273,236	14,592,343 10,449,013
	Employer Code	0377P	0378P 0379P	0380F	0380P 0381P	0382F	0383F	0385P	0386P	0389P	0390F	0391P	0392F 0392P	0393P	0394F 0394P	0395F	0395P 0396F	0397F	0397P 0398P	0399P	0402F 0402P	0403F	0403P 0404F	0404P	0406P	0408F	0409F	0409P 0410P	0411F	0411F 0412P	0413F 0413P	0414P	0418F	0418P	0420P	0422P 0423P	0424P	0425F 0425P	0426F 0426P	0429P	0431P	0432F 0432P
	Employer #	0377P	0378P 0379P	0380F	0380P 0381P	0382F	0383F	0385P	0386P	0389P	0390F	0391P	0392F 0392P	0393P	0394F 0394P	0395F	0395P 0396F	0397F	0397P 0398P	0399P	0402F 0402P	0403F	0403P 0404F	0404P	0406P	0408F	0409F	0409P 0410P	0411F	0412P	0413F 0413P	0414P	04 18F	0418P	0420P	0422P 0423P	0424P	0425F 0425P	0426F 0426P	0429P	0431P	0432F 0432P

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scember 31, 2017	Total Employer OPEB Expense	,	64,802 30.741	49,093	103,196 475 771	373,083	46,100 168 055	302,649	206,932 36.768	733,329	719,393 46 230	676,246	695,069	539,050	157,680	233,701	225,107	268,942	237,194 1.905,960	923,838	557,977 54,733	17,180	3/3,/4/ 1.757	147,819 88 704	195,286	251,526 150 335	123,963	227,415 273,448	971,581	304,208	652,815 17 030	223,554	56,629	168,709	17,235	181,148 472 559	462,388	484,445 462 704	16,017	1,813,108	1,747,210 572,821	522,181 204 822	33,514
OPEB Expense for the year ended December 31	Defended Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	.	4,915 (141)	5,865	768 16 160	(32,756)	(521)	10,736	(4,793) (3.650)	(14,988)	(12,831) (24 166)	10,717	(2,113)	(8,893) 0.750	11,570	2,655	(10,224) 13,808	(11,202)	(25,747) 111.234	(90,204)	(165,801) 4,386	(795)	(2,531)	1,197	(23,619)	6,398 14 270	7,701	161 17,571	73,330	41,287	(63,393) (3 028)	12,065	(2,526)	17,647	1,466	58,961 48.617	(9,904)	(15,147) /5 333)	254	(20,860)	2,531	(1,467) (12 060)	1,773
OPEB Expense for	Proportionate Share of OPEB Expense		59,887 30.882	43,228	102,428 459 611	405,839	46,621 133 761	291,913	211,725 40.418	748,317	732,224 70.396	665,529	5/0,000 697,182	547,943	146,110	231,046	211,299	280,144	262,941 1.794.726	1,014,042	723,778 50,347	17,975	349,944 4,288	146,622 96 696	218,905	245,128 136 065	116,262	227,254 255,877	898,251	262,921	716,208 20 058	211,489	59,155	151,062	15,769	122,187 423 942	472,292	499,592 468-176	15,763	1,833,968	1,920,031	523,648 216 882	31,741
2017	Total Deferred Inflows of Resources	.	8,747 5,475	6,314	14,961 67 132	283,331	10,370	42,637	63,707 30,872	211,818	194,712 175 581	97,209	04,213 116,282	140,862 E E70	21,341	33,747	00,U20 30,863	117,542	214,515 262.140	765,111	1,239,799 7,354	8,060	60,326 17,936	21,416	193,529	35,803 19 874	16,982	33,193 37,373	131,200	38,403	538,219 23.639	30,891	25,920	22,064 1 006	1,3303	17,847 61 922	136,728	176,575 104 843	2,303	410,557 227 618	23/,010 83,298	86,522 114 171	4,636
Deferred Inflows of Resources for the year ended December 31,	Cuanges in Employer Proportion and Differences Between Contributions and Proportionate Share of OPEB Expense		- 964			224,053	3,561		32,782 24,969	102,518	87,762 165 298	1	- 14,451	60,829		- 00	-	76,624	176,109 -	616,998	1,134,082 -	5,434	- 17,309		161,555				•	• •	433,608 20 709		17,280				67,745	103,604 36.468		142,685		10,037	-
urces for the year	Changes of Assumptions					•	•			•		•						•		i		•							•			•					•					·	
ed Inflows of Reso	Differences Between Projected Investment Eaminds		4,952 2.554	3,575	8,471 38,009	33,562	3,855	24,140	17,509 3,342	61,884	60,553 5 822	55,038	41,000 57,655	45,313	3,133	19,107	9,113 17,474	23,167	21,745 148,419	83,859	59,855 4,164	1,487	40,4/9 355	12,125	18,103	20,271	9,615	18,793 21,160	74,283	21,743	59,229 1659	17,490	3, 134 4, 892	12,492	1,304	10,105 35 059	39,057	41,315 38 713	1,304	151,664 124 525	47,162	43,304	2,625
Deferr	Differences Between Expected and Actual Economic Experience		3,795 1.957	2,739	6,490 29,123	25,716	2,954 8.476	18,497	13,416 2.561	47,416	46,397 4 461	42,171	20,233 44,176	34,720	9,258	14,640	0,902 13,389	17,751	16,661 113,721	64,254	45,862 3.190	1,139	34,047 272	9,291 5 403	13,871	15,532 8 622	7,367	14,400 16,213	56,917	16,660	45,382 1 271	13,401	3,748	9,572 966	666 666	7,742 26 863	29,926	31,656 20 662	300'07 300	116,208	36,136	33,181 13 742	2,011
, 2017	Total Deferred Outflows of Resources	.	107,032 37.858	93,111	130,818 673 980	497,524	57,154 308 550	431,298	259,557 49,549	917,372	897,644 86 299	889,189	854,685	671,731	258,260	301,402 125,085	353,483	343,432	322,343 2,961,018	1,243,129	887,290 91,720	22,036	5,257	187,938	268,359	344,271 264 411	195,203	279,696 433,871	1,602,758	604,720	878,010 24 590	341,792	40,404 72,519	305,893 22 606	29,363	553,084 852 259	578,990	612,457 573 882	21,058	2,248,288 2 817 745	716,439	641,948 265 870	51,036
r ended December 31,	Clangles in Employer Proportion and Differences Between Contributions and Proportionate Proportionate Share of Contributions	.	33,616 -	40,117	5,250 110 536	-	234 571	73,437				73,307	-		79,141	18,159	94,449	•	760,838	I	29,998	- 000	102,303	8,191 14 410	0 -	43,765 97 608	52,675	1,102 120,188	501,579	282,402		82,524		120,704 6.041	10,031	403,293 332 543	-	• •	1,734	- 200	17,312		12,124
	Changes of Assumptions		73,416 37.858	52,994	125,568 563 444	497,524	57,154 163 070	357,861	259,557 49,549	917,372	897,644 86 299	815,882	854,685	671,731	179,119	283,243	259,034	343,432	322,343 2.200.180	1,243,129	887,290 61.722	22,036	5.257	179,747	268,359	300,506 166 803	142,528	278,594 313,683	1,101,179	322,318	878,010 24.590	259,268	40,404 72,519	185,189 16 764	19,332	149,791 519 716	578,990	612,457 573 882	19,324	2,248,288	1,994,500 699,127	641,948 265 870	38,912
Deferred Outflows of Resources for the yea	Differences Between Projected and Actual Investment Earnings			•		,				•				•				•		I		•		•					•			•											
Deferre	Differences Between Expected and Actual Economic Experionmic									•		•		•				•		'		•		•								•					•						
	Net OPEB Liability		752,375 387,975	543,090	1,286,841 5 774 248	5,098,690	585,720 1 680 483	3,667,403	2,659,974 507.780	9,401,356	9,199,175 884 407	8,361,268	8,758,927	6,883,986	1,835,631	2,902,711	1,304,300	3,519,542	3,303,417 22,547,737	12,739,754	9,093,071 632,531	225,830	53,877	1,842,067	2,750,180	3,079,627 1 709 424	1,460,642	2,855,072 3,214,667	11,285,028	3,303,162	8,997,964 252 000	2,657,011	743,185	1,897,842	198,112	1,535,080 5 326 124	5,933,566	6,276,538 5 881 210	198,039	23,040,758	zu,436,423 7,164,746	6,578,766 2 724 760	398,775
	Employer Code		0433P 0434P	0435P	0437P 0438F	0438P	0439P 0441E	0441P	0442P 0444P	0445F	0445P 0446P	0447F	0447F	0448P	0450P	0452P	0453P	0454F	0454P 0455F	0456F	0456P 0457P	0458P	0460P	0461P	0462P	0463P 0464F	0464P	0465F 0466P	0467F	0469F	0469P 0470F	0470P	0472P	0473P	0475P	0476F 0476P	0477F	0477P 0478F	0479P	0480F	0481F	0481P	0483P
	Emploover #	0433F	0433P 0434P	0435P	0437P 0438F	0438P	0439P 0441E	0441P	0442P 0444P	0445F	0445P 0446P	0447F	0448F	0448P	0450P	0452P	0453P	0454F	0454P 0455F	0456F	0456P 0457P	0458P	0460P	0461P	0462P	0463P 0464F	0464P	0465F 0466P	0467F	0469F	0469P 0470F	0470P	0472P	0473P	0475P	0476F 0476P	0477F	0477P 0478F	0479P	0480F	0481F	0481P	0483P

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0000 0000 <th< th=""><th></th><th>mployer ode</th><th>Net OPEB Liability</th><th>and Actual Economic Experience</th><th>arid Actual Investment Earnings</th><th></th><th>Proportionate Share of Contributions</th><th>Deterred Outflows of Resources</th><th>arid Actual Economic Experience</th><th>anu Actual Investment Earnings</th><th>je se</th><th>and Proportionate Share of OPEB Expense</th><th>Deterred Inflows of Resources</th><th></th><th>and Proportionate Share of Contributions</th><th>Expense</th></th<>		mployer ode	Net OPEB Liability	and Actual Economic Experience	arid Actual Investment Earnings		Proportionate Share of Contributions	Deterred Outflows of Resources	arid Actual Economic Experience	anu Actual Investment Earnings	je se	and Proportionate Share of OPEB Expense	Deterred Inflows of Resources		and Proportionate Share of Contributions	Expense
No. No. <th>ð</th> <th>484P</th> <th>106,739</th> <td></td> <td></td> <td>10,415</td> <td>1,070</td> <td>11,485</td> <td>538</td> <td>703</td> <td>•</td> <td>·</td> <td>1,241</td> <td>8,496</td> <td>156</td> <td>8,652</td>	ð	484P	106,739			10,415	1,070	11,485	538	703	•	·	1,241	8,496	156	8,652
1/10/2 1/10/2<	όð	485P 486P	108,954 112,892			10,632 11,016	20,004 1,482	30,636 12,498	550 569	717 743			1,267 1,312	8,672 8,986	2,925 217	11,597 9,203
1 1	ð	487P	317,215			30,953	•	30,953	1,600	2,088	•	14,956	18,644	25,249	(2,186)	23,063
37931 1 3001 3011 3001 30111 3011 3011	όč	488F 188P	1,606,815 3 365 872			156,791 328.438	124 D31	156,791 452 469	8,104 16 976	10,577 22 156	• •	160,682	179,363 30 132	127,897 267 012	(23,491) 18 133	104,406 286.045
3780 3780 3781 <th< td=""><th>ŏð</th><th>400F</th><th>3.787.231</th><td></td><td></td><td>369.553</td><td>124,031</td><td>452,469 369.553</td><td>19.101</td><td>24.929</td><td></td><td>- 98.035</td><td>39,132 142.065</td><td>301.451</td><td>(14.333)</td><td>287.118</td></th<>	ŏð	400F	3.787.231			369.553	124,031	452,469 369.553	19.101	24.929		- 98.035	39,132 142.065	301.451	(14.333)	287.118
0 0	ōŌ	492F	2,513,398		ı	245,254	234,233	479,487	12,677	16,544		1	29,221	200,058	34,245	234,303
1000 1000 <th< td=""><th>ŏ à</th><th>493P</th><th>476,261 6 543 454</th><td>•</td><td></td><td>46,473</td><td>1,617</td><td>48,090 765 805</td><td>2,402</td><td>3,135</td><td>•</td><td>•</td><td>5,537</td><td>37,909</td><td>236</td><td>38,145 527,086</td></th<>	ŏ à	493P	476,261 6 543 454	•		46,473	1,617	48,090 765 805	2,402	3,135	•	•	5,537	37,909	236	38,145 527,086
(m) (m) <th>όð</th> <th>494F 494P</th> <th>6,543,451 5,948,700</th> <td></td> <td></td> <td>638,502 580.467</td> <td>117,303</td> <td>755,805 580.467</td> <td>33,002 30,003</td> <td>43,072 39,157</td> <td></td> <td>- 102.406</td> <td>/6,0/4 171.566</td> <td>520,837 473,497</td> <td>17,149 (14.972)</td> <td>537,986 458.525</td>	όð	494F 494P	6,543,451 5,948,700			638,502 580.467	117,303	755,805 580.467	33,002 30,003	43,072 39,157		- 102.406	/6,0/4 171.566	520,837 473,497	17,149 (14.972)	537,986 458.525
0 0	οð	495P	5,891,701		•	574,905	323,590	898,495	29,715	38,782	•	-	68,497	468,960	47,308	516,268
0000 0000 <th< td=""><th>ó ò</th><th>496F</th><th>2,646,149 044 660</th><td>•</td><td></td><td>258,208</td><td>- 002</td><td>258,208 797 666</td><td>13,346 4 765</td><td>17,418</td><td>ı</td><td>106,126</td><td>136,890</td><td>210,625</td><td>(15,516)</td><td>195,109</td></th<>	ó ò	496F	2,646,149 044 660	•		258,208	- 002	258,208 797 666	13,346 4 765	17,418	ı	106,126	136,890	210,625	(15,516)	195,109
780,00 780,00 400,00 700,00<	όč	49/P 498P	944,009 309,435			30,194	9.284	/82,000 39.478	4,755 1.561	6,218 2.037			3,598	24,630	100,948	25,987
0 0	ò	499F	7,684,764		ı	749,870	489,554	1,239,424	38,759	50,585	•		89,344	611,682	71,572	683,254
0 0	ŏ ŏ	499P	6,280,838	•		612,876	417,175 84 765	1,030,051	31,678 5 260	41,343			73,021	499,934	60,991	560,925 06,600
5 5 5 5 5 5 5 6 7	ŏŏ	501F	1,004,400 9,139,208			891,792	01,203 46,099	937,891	3,303 46,094	60,158			12,379	04,120 727,451	6,740	90,009 734,191
2,846,8 2,846,8 0,010 0,666,8 0,010	ő	502F	8,526,354	•	•	831,991	304,165	1,136,156	43,003	56,124	•		99,127	678,670	44,468	723,138
96.00 1 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26.01 26	öö	504F 505F	2,640,245			257,632 265,845	227,011 165.409	484,643 431,254	13,316 13,741	17,379 17,933			30,695 31,674	210,155 216,854	33,189 24,183	243,344 241.037
94/16 1 2/2 4/2 1 2/2 4/2 1 2/2 2/2 2/2 2/2 2/2	ŏ	506P	395,205			38,564	•	38,564	1,993	2,601	•	1,392	5,986	31,457	(204)	31,253
ZIZI007 Z.Z007 T/20 Z/2008 T/2001 T/2001 <tht 2001<="" th=""> T/2001 <tht 2001<="" th=""> T/2001 T/2001<th>öö</th><th>507P 508P</th><th>640,186 255.496</th><td></td><td></td><td>62,468 24.931</td><td>106,379 4.211</td><td>168,847 29.142</td><td>3,229 1.289</td><td>4,214 1.682</td><td></td><td></td><td>7,443 2.971</td><td>50,957 20.337</td><td>15,553 616</td><td>66,510 20.953</td></tht></tht>	öö	507P 508P	640,186 255.496			62,468 24.931	106,379 4.211	168,847 29.142	3,229 1.289	4,214 1.682			7,443 2.971	50,957 20.337	15,553 616	66,510 20.953
0010000 0010000 00100	öö	509P	2,221,867		•	216,807	38,702	255,509	11,206	14,625	•		25,831	176,853	5,658	182,511
1(0.500 1 2/11 2/101 2/11 2/110 2/212 <th2 212<="" th=""> <th2 212<="" th=""> <th2 212<<="" td=""><th>ŏŏ</th><th>510P</th><th>0,010,502 4,819,596</th><td></td><td></td><td>001,200 470,290</td><td></td><td>50/,200 470,290</td><td>24,308</td><td>31,725</td><td></td><td>1,00,11,001</td><td>1,047,039</td><td>4/9,059 383,624</td><td>(230,002) (2,408)</td><td>246,377 381,216</td></th2></th2></th2>	ŏŏ	510P	0,010,502 4,819,596			001,200 470,290		50/,200 470,290	24,308	31,725		1,00,11,001	1,047,039	4/9,059 383,624	(230,002) (2,408)	246,377 381,216
	őč	511P 512D	4,106,598 156,043			400,717	220,168	620,885	20,712 787	27,031	•	- 100 11	47,743 15 818	326,872	32,188	359,060 10 374
460.46 - <th>ŏ</th> <th>513F</th> <th>7,152,905</th> <td></td> <td></td> <td>697,971</td> <td></td> <td>697,971</td> <td>36,076</td> <td>47,084</td> <td>•</td> <td>31,059</td> <td>114,219</td> <td>569,348</td> <td>(4,541)</td> <td>564,807</td>	ŏ	513F	7,152,905			697,971		697,971	36,076	47,084	•	31,059	114,219	569,348	(4,541)	564,807
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	öö	516P 518F	460,345 3.505.196			44,920 342-033	22,908 -	67,828 342.033	2,322 17,679	3,030 23.073		33.869	5,352 74,621	36,642 279.002	3,349 (4.952)	39,991 274,050
5,0,000 5,0,00 2,0,00	őč	518P	3,798,319	•	•	370,635	14,696 55 4 75	385,331	19,157	25,002	•	•	44,159	302,334	2,149	304,483
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	οŏ	520F	3,570,495			348,404	313,184	661,588	3,330 18,008	4,033 23,503			0,103 41,511	284,200	o,000 45,787	329,987
$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$	öö	520P	3,830,790	•	i	373,804	•	373,804	19,321	25,216	•	294,657	339,194	304,918	(43,078)	261,840
$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$	ŏŏ	523P	12,100,022			1,180,705		1,180,705	61,027	79,648		1,217,470	1,358,145	963,122	(177,993)	785,129
4,02,237 $6,1,46$ $6,3,03$ $5,04,33$ $5,04,33$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,23$ $5,03,73$ <t< td=""><th>őč</th><th>524F 524P</th><th>2,634,619 3 153 844</th><td></td><td></td><td>257,083 307 748</td><td>86,324 87 918</td><td>343,407 395 666</td><td>13,288 15 907</td><td>17,342 20 760</td><td></td><td></td><td>30,630 36,667</td><td>209,707 251 036</td><td>12,620 12 854</td><td>222,327 263 890</td></t<>	őč	524F 524P	2,634,619 3 153 844			257,083 307 748	86,324 87 918	343,407 395 666	13,288 15 907	17,342 20 760			30,630 36,667	209,707 251 036	12,620 12 85 4	222,327 263 890
$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$	ő	526F	4,626,877	,	i	451,485	6,515	458,000	23,336	30,456	,	,	53,792	368,284	953	369,237
65.373 6.379 6.379 5.30 4401 5.401 5.203 (679) 41198 $ 44.108$ $ 44.108$ $ 5.203$ 7617 5.203 (679) $1,157,153$ $ 112,91$ 63.83 7107 $ 2.207$ 2.207 2.2	οð	526P 528P	4,092,519 544,330			399,343 53,115	234,654	633,997 53,115	20,641 2,745	26,939 3,583		- 24,249	47,580 30,577	325,751 43,327	34,306 (3,545)	360,057 39,782
$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$	ő	529P 	65,373	•		6,379		6,379	330	430	•	4,641	5,401	5,203	(629)	4,524
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	οŏ	530P 531P	451,988			44,104 112,951	99,982 48,067	144,086 161,018	2,28U 5,838	2/9/2 7,619			13,457	35,977 92,136	7,027	50,594 99,163
31504/1/1 -	ő	532F - 200	3,542,199	•	•	345,643	151,009	496,652	17,865	23,316	•		41,181	281,947	22,077	304,024
$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$	οŏ	533P	316,994			502,606 30,932	1,677	504,283 42,453	1,599	33,905 2,087			3,686	409,985 25.232	245 1,684	410,230 26,916
$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$	ö	535P	198,260	•	•	19,346	4,293	23,639	1,000	1,305	•		2,305	15,781	628	16,409
180.786 - 17.641 20.735 38.376 912 1,190 - 2.102 14,390 3.031 -	öö	536P 536P	7,510,262 6.727.030			/32,842 656.415	137,472	8/0,314 660.780	37,879 33,928	49,436 44,280			87,315 78,208	597,792 535.449	20,098 638	617,890 536.087
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	ő	537P	180,786			17,641	20,735	38,376	912	1,190	'		2,102	14,390	3,031	17,421
273081 - <th>οð</th> <th>538F 538P</th> <th>2,200,790</th> <th></th> <th></th> <th>- 214,750</th> <th>- 26,403</th> <th>- 241,153</th> <th>- 11,100</th> <th>- 14,487</th> <th></th> <th></th> <th>- 25,587</th> <th>- 175,176</th> <th>3,860</th> <th>- 179,036</th>	οð	538F 538P	2,200,790			- 214,750	- 26,403	- 241,153	- 11,100	- 14,487			- 25,587	- 175,176	3,860	- 179,036
Z125,160 - 2.65,118 8.345 Z / 31 31,45 1,536 - 31683 Z / 31,719 1,217 Z11,25,160 - - 241,34 99,98 384,072 14,666 19,167 - 31633 217,791 14,611 Z12835 - - 241,34 99,98 384,072 14,666 19,167 - 31,672 14,611 Z12835 - - 24,193 14,168 19,17 363 479 - 31,672 14,161 124,1 Z12835 - - 24,193 36,172 3667 479 - 31662 5,797 14,11 Z1283 - - - 23,103 36,104 - 126,198 540 Z1331,670 - - - 36,07 23,1793 6,116 - 24,688 29,163 29,453 540 Z35,168 - - - 23,569 - - <	ő	540P	310,081	•		30,257	-	30,257	1,564	2,041	•	65,410	69,015	24,681	(9,563)	15,118
72.835 - 7.107 - 7.107 337 479 - 846 1.662 5.797 (124) 9.511570 - - 9.38,132 47,973 82,610 - 1.610.583 7.7996 540 7.353,458 - - 7.35,105 37,996 47,973 82,810 - 204,868 27,996 540 7.353,458 - - 735,105 37,996 47,973 82,210 - 204,868 224,353 599,638 (239,52) 7.353,458 - - 17,591 6,078 7,932 - 14,654 28,644 56,921 (21,42) 7.050,699 - - 17,591 6,078 7,932 - 14,654 28,644 56,921 (21,42) 7.050,699 - - - 17,591 6,078 7,932 - 14,654 28,644 56,921 (21,42)	οð	541F 541P	2,911,838			284,134	8,385 99,938	2/4,313 384,072	13,/45	11,938			31,663 33,853	216,914 231,773	1,227 14,611	218,141 246,384
333.450 - </th <th>őð</th> <th>542P</th> <th>72,835</th> <th></th> <th>·</th> <th>7,107</th> <th></th> <th>7,107</th> <th>367</th> <th>479</th> <th>•</th> <th>846</th> <th>1,692</th> <th>5,797</th> <th>(124)</th> <th>5,673</th>	őð	542P	72,835		·	7,107		7,107	367	479	•	846	1,692	5,797	(124)	5,673
1.205.089	ŏŏ	543P	7,533,458			735,105	2,080	735,105	37,996	49,589		204,868	292,453	599,638	340 (29,952)	569,686
	öö	545F	1,205,089	•		117,591		117,591	6,078	7,932	•	14,654	28,664	95,921	(2,142)	93,779

33

Fund	
Pension	
& Fire	
Police 8	
Ohio	

mber 31, 2017 Total Employer OPEB Expense	12.065	32,721	89,977	40,052	928.347	1,031,397	742,420 32,685	355,901 191 210	120,709	235,924 143 686	195,351	185,868 -	16,666	573,074	74,518	- 27,119	1,400,456	939,280 8,593	632,437	34,482	131,500	2,932	29,042 348.052	592,740	546,761 1 874 962	1,322,155	508,629 230,574	237,296	425,278 242,120	101,825 27 413	190,868	181,466 8 956	427,403	400,44U 58,546	25,189	1,009,050 658.074	34,075	0,221 304.333	377,376	1,352,835 1.212.811	116,252	32,299
Expense for the year ended December Deferred Amounts from Changes in Proportion and Differences Between Employer Antionate Contributions Exp PEB Share of OC	173	(6,727)	14,660	455	30,042 (55.851)	111,135	3,249	17,304 (6.078)	(0,910) 9,993	8,051	7,905	5,495 -	(676)	34,327	(2,596)	- 673	97,989	81,218 (4.659)	(12,787)	(cc1,11) (1,902)	4,410	(10,112) 427	5,713 /843/	(04-0) 71,328	(87) 28 686	(66,747)	14,698 18,598	12,710	(18,841) (1,015)	9,015 2 000	(1,599)	3,019 (2.279)	(34,104)	19,048	8,920	15.889	2,819	(5.994)	(38,853)	23,144 7.621	6,651	2,241 10,240
OPEB Expense for t D D f f f f f f f f f r f C D D f f f f f f f f f f f f f f f f	11.892	39,448 246 266	75,317	39,597	984.198	920,262	29,436	338,597 108 188	110,716	227,873 146 787	187,446	180,373 -	17,342	538,747	77,114	- 26,446	1,302,467	838,008 13.252	645,224	36,384	127,090	10,120	23,329	521,412	546,848 1 846 276	1,388,902	493,931 211,976	224,586	444,119 243,135	92,810 25,314	192,467	178,447 11 235	461,507	449,392 47,606	16,269	903,023 612.185	31,256 8 781	310.327	416,229	1,329,691 1.205,190	109,601	156,67U 22,059
2017 Total Deferred Inflows of Resources	1.737	51,777	11,001	5,784	525.778	134,415	104,412	49,456 76,681	16,171	33,283 47 654	27,378	26,345 -	7,154	78,690	29,022	3,863	190,241	33,805	181,705	162,662 18,326	18,563 75,601	1,478	3,407	76,158	80,468 260,670	659,414	72,145 30,962	32,804	193,740 42,456	13,556	39,050	26,064 17 232	300,677	6,954	2,376	139,201 89,417	4,566	86.328	326,553	194,217 176.032	16,009	22,883 3,222
Deferred Inflows of Resources for the year ended December 31. Changes in Changes in Changes in Changes in Changes in Differences Differences Differences and Actual and Actual Actu		46,015	-		382.024	1		- 17 733	-				4,621		17,759			31.869	87,463	13,012		13,000 -	-	-	594 -	456,548			1/28/8/1 6,943		10,937	- 15 591	233,269				- 104	407	265,758			
urces for the year Changes of Assumptions		•	• •										•		ļ				ļ		•		•		• •			•			•	• •	•		•		•				•	
d Inflows of Reso Differences Between Projected and Actual Investment Eamings	983	3,262	6,229	3,275	681.391	76,103	29,116 2,434	28,001 16 300	9,156	18,844	15,501	14,916 -	1,434	44,553	6,377	2,187	107,711	1.096	53,358	48,898 3,009	10,510	1,133	1,929 78 853	∠0,033 43,119	45,223 152 682	114,859	40,847 17,530	18,573	36,728 20,107	7,675	15,917	14,757 929	38,165	37,104 3,937	1,345	50.626	2,585	25.663	34,421	109,962 99.666	9,064	1,824
Deferre Differences Between Expected and Actual Economic Experience	754	2,500 15 601	4,772	2,509 88 812	62.363	58,312	45,290 1,865	21,455 12 558	7,015	14,439 0 301	11,877	11,429 -	1,099	34,137	4,886	- 1,676	82,530	54,571 840	40,884	3/,46/ 2,305	8,053	000 641	1,478	33,039	34,651 116 988	88,007	31,298 13,432	14,231	28,141 15,406	5,881 1 604	12,196	11,307 712	29,243	3,017	1,031	80,300 38.791	1,981	19.664	26,374	84,255 76.366	6,945	9,927 1,398
. 2017 Total Deferred Outflows of Resources	15.763	48,360	192,607	51,653 1 E02 11E	1.206.542	1,888,328	1,004,972	533,449 242 061	204,079	334,421 170 048	283,866	258,709 -	21,260	895,258	94,535	37,027	2,266,961	1,001,451 16,245	790,990	6/24,8/5 44,603	185,965	15,330	67,675	427,089	670,389 2 450 585	1,702,675	706,052 387.077	362,257	544,452 298,063	175,436 45 388	235,948	239,409 13 773	565,769	133,190	80,955	1.064.365	57,599	380.435	510,261	1,788,393 1.529,589	179,854	201,330 97,082
Deferred Outflows of Resources for the year ended December 31, 201 Changes in Changes in Changes in Proportion and ces Differences Differences an Between Contributions and ual and Actual Changes of Share of Out nic Investment Changes of Share of Out one Earnings Assumptions Rea	1.184	•	100,274	3,110 266.676	a/a'caz	760,166	188,629	118,358	68,351	55,069	54,073	37,587 -	- 10	234,800	i	- 4,607	670,248		·		30,163	2,924	39,076	487,883	196 200	-	100,535 127,213	86,934		61,659 14 256	-	20,648	- 000 001	74,829	61,010	300,090 313.878	19,281			158,305 52.129	45,493	70,040
ources for the year Changes of Assumptions	14.579	48,360	92,333	48,543	1.206.542	1,128,162	8/0,343 36,086	415,091 242 061	135,728	279,352 170 048	229,793	221,122 -	21,260	660,458	94,535	32,420	1,596,713	1,001,918	790,990	44,603	155,802	12,406	28,599	639,206	670,389 2 263 376	1,702,675	605,517 259,864	275,323	544,452 298,063	113,777	235,948	218,761 13 773	565,769	58,361	19,945	750.487	38,318	380.435	510,261	1,630,088 1.477,460	134,361	132,004 27,042
d Outflows of Res Differences Between Projected and Actual Investment Earnings											•		•		ı				•									•					•		•		•		•		•	
Deferre Differences Between Expected and Actual Economic Economic						•													•		•		•		• •			•					•		•		•				•	
Net OPEB Liability	149.403	495,598	946,238	497,474 12 602 776	12.364.804	11,561,561	8,980,881 369,816	4,253,911 2 480 806	1,390,957	2,862,840 1 844 135	2,354,952	2,266,089 -	217,875	6,768,459	968,805	332,246	16,363,326	10,780,194 166,486	8,106,168	/,428,61 <i>/</i> 457,099	1,596,679	1/2,100	293,089	4,505,669 6,550,669	6,870,235 23 105 385	17,449,240	6,205,420 2,663,124	2,821,547	3,054,590	1,166,000 318.025	2,418,030	2,241,890 141 148	5,798,073	598,094	204,396	7.691.088	392,684	3.898.746	5,229,220	16,705,357 15.141,206	1,376,951	1,900,297
Employer Code		0549P	0551P	0552P	0553P	0555F	0556P	0557F 0559E	0559P	0560F	0561F	0561P 0563F	0563P	0564P	0565P	0267P	0568F	0569P	0571F	0573P	0574P	0577P	0578P	0580F	0580P 0581F	0581P	0582F 0583F	0584F	0585P	0586P	0588F	0588P 0589P	0590F	0591P	0592P	0593P	0594P	0596F	0596P	0597F 0597P	0598F	0599P
Employer #	0548P	0549P	0551P	0552P	0553P	0555F	0556P	0557F 0550E	0559P	0560F	0561F	0561P 0563F	0563P	0564P	0565P	0567P	0568F	0569P	0571F	0573P	0574P	0577P	0578P	0580F	0580P	0581P	0582F 0583F	0584F	0585P	0586P 0587D	0588F	0588P 0589P	0590F	0591P	0592P	0593P	0594P	0596F	0596P	0597F 0597P	0598F	0599P

Fund
Pension
Fire
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Police
Ohio

			Deferr	d Outflows of Res	ources for the year	Deferred Outflows of Resources for the year ended December 31 Changes in	1, 2017	Defern	ed Inflows of Resor	urces for the year	Deferred Inflows of Resources for the year ended December 31, Changes in	2017	OPEB Expense fo	Expense for the year ended December Deferred Amounts	ember 31, 2017
E Differences Differences Proj Between Between Def Expected Projected Contra Expected Projected Contra and Actual and Actual Contral Employer Net OPEB Economic Investment Changes of S Code Liability Experience Earings Assumptions Con	Differences Differences Between Between Expected Projected and Actual and Actual Net OPEB Economic Investment Changes of Liability Economic Antiges Assumptions	Differences Between Projecteen and Actual Investment Earnings of Earnings Assumptions	Changes of Assumptions		Constraints and a set of the set	Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Employer Proportion and Differences Between Contributions and Proportionate Share of OPEB Expense	Total Deferred Inflows of Resources	Proportionate Share of OPEB Expense	from Changes in Proportion and Differences Between Employer Contributions Share of Contributions	Total Employer OPEB Expense
0600P 572,252 55,840 0601F 2,619,979 - 255,554	55,840 255,654					27,794 95,576	83,634 351,230	2,886 13,214	3,767 17,246			6,653 30,460	45,549 208,542	4,064 13,973	49,613 222,515
1,091,143 - 106,472 1,037,192 - 101,208	106,472 101,208				181	0,764 1,065	117,236 282,273	5,503 5,231	7,182 6,827			12,685 12,058	86,851 82,557	1,574 26,471	88,4; 109,02
824,598 - 80,463 6.285.263 - 613.308					4 5	9,112 a 772	129,575 1 193,080	4,159 31.700	5,428 41.372			9,587 73.072	65,635 500.286	7,180 84.762	72,815
6,599,560 - 643,977 6,599,560 - 643,977 4,505,595,560 - 643,577	- 643,970				33	321,041	965,018	33,285	43,441	,		76,726	525,303	46,936	572,239
3,724,776 - 3,724,776 - 3,724,799 - 3,724,776 - 3,724,799 - 3,724,776 - 3,726 - 3,776	363,459	·	·	·	-	-	1,230,005 534,031	18,786	04,3Ur 24,518		1/6,116 -	43,304	1,uzo,r 13 296,480	(10,00%) 24,937	000,108 321,417
4,450,527 - 434,277 1,871,938 - 182,661	- 434,277 - 182,661					26.320	434,277 208,981	22,447 9,441	29,295 12,322	• •	5,168 -	56,910 21,763	354,247 149,000	(755) 3,848	353,492 152,848
1,033,532 - 100,851 6.082,184	- 100,851 681 /10					45,661	146,512	5,213 35,220	6,803 45.066	•	- 150 475	12,016 231 661	82,266	6,676 731 0001	88,942
0,003,104 - 001,410 4,542,462 - 432,248					N	8,480	471,728	22,910	29,900		-	52,810	361,565	4,164	365,729
1/4,452 - 1/,023 59,673 - 5,823						50,845 43,613	67,868 49,436	880 301	1,148 393			2,028 694	13,886 4,750	7,433 6,376	21,319 11,126
3,674,537 - 358,557 - 358,557 - 111,382,330 - 10,868,547					-	10,607 -	469,164 10,868,547	18,533 561,765	24,187 733,168		- 528,205	42,720 1,823,138	292,481 8,865,666	16,171 (77,223)	308,652 8,788,443
110,565,291 - 10,788,821 954,607 - 93,149	10,788,821 93,149					- 16,166	10,788,821 109,315	557,645 4,815	727,790 6,284		199,622 -	1,485,057 11,099	8,800,633 75,984	(29,184) 2,363	8,771,449 78,347
1,585,846 - 154,745 2,517,710 - 245,675	- 154,745 - 245,675					27,230 145,921	181,975 391,596	7,998 12.698	10,439 16.573			18,437 29.271	126,228 200.401	3,981 21.333	130,209 221,734
675,388 - 65,903 3 994 947 - 389 822						30,388	96,291 389,822	3,406	4,446 26,297		-	7,852	53,759 317 985	4,443 (69,428)	58,202 248,557
4,784,535	•	- 466,869 064 E26	- 466,869	466,869 861 576		•	466,869	24,131	31,494	•	285,354	340,979	380,833	(41,718)	339,115
0,022,000 8,065,397 		- 787,011	- 787,011	787,011			787,011	44,030	53,090		79,161	172,929	641,979 641,979	(0,941) (11,573)	630,406
10,142,273 989,570 8,009,243 781,532 7,000,243 7,152					0.00		781,532	40,395	52,720	•••	158,912	270,820 236,273	607,509 637,509	(20,929) (20,929)	616,580
0622P /,322,226 /14,591 319,325 992,211 96,819 1,050 00000 00000 00000					319 1,19	325 050	1,033,916 97,869 00,720	36,935 5,004	48,205 6,531 5 5 5 1			85,140 11,535 0,000	582,905 78,977	46,685 154 2,228	629,590 79,131 70,608
912,305 - 89,022 89,022	89,022				25.	122	38,230 114,144	4,601	6,005			a, asa 10,606	72,617	3,673	76,290
237,224 - 23,148 16,554,714 - 1,615,388	23,148 1,615,388				23,	- 104	76,852 1,615,388	1,196 83,495	1,562 108,970		- 587,518	2,758 779,983	18,882 1,317,701	7,852 (85,894)	26,734 1,231,807
13,427,142 - 1,310,203 (6,045,467 - 599,909	1,310,203 (589,909	-,	-,	-,	506	506,415 -	1,816,618 589,909	67,721 30,491	88,383 39,794		272,207	156,104 342,492	1,068,756 481,199	74,037 (39,796)	1,142,793 441,403
6,028,532 588,256 15,456,251 1,508,201					801	801,065	588,256 2,309,266	30,405 77,955	39,682 101,740	i (3,131 -	/3,218 179,695	4/9,851 1,230,267	(458) 117,115	47,9,393 1,347,382
425,126 - 41,483					GZ1	406	1,204,424 41,483	2,144	2,798		- 5,730	128,559 10,672	880,174 33,839	18,334 (838)	898,508 33,001
1,670,471 - 163,002 4 4,146,690 - 404,629	- 163,002 - 404,629	-	-	-	412,9	- 64	575,966 404,629	8,425 20,914	10,996 27,295		- 100,963	19,421 149,172	132,964 330,063	60,375 (14,761)	193,339 315,302
2,856,494 - 278,733 218,011 - 21,273	- 278,733 - 21,273				5 0	20,031	298,764 21,273	14,407 1,100	18,803 1,435		- 17,791	33,210 20,326	227,368 17,353	2,929 (2,601)	230,297 14,752
3,397,952 - 331,568 3,930,741 - 383,557					119	119,520	331,568 503,077	17,138 19,825	22,367 25,874	• •	15,762 -	55,267 45,699	270,466 312,874	(2,304) 17,474	268,162 330,348
1,585,285 154,690 6,211,511 606,111	154,690 - 606,111					• •	154,690 606 111	7,996 31.328	10,435 40,887		87,955 28.328	106,386 100 543	126,183 494 416	(12,859) (4 142)	113,324 490 274
	• •	- 312,269	- 312,269	312,269			312,269	16,140	21,065 18 186	• •	201,065 81 650	238,270	254,723 210 005	(29,396)	225,327
2,102,175	- 280,029				74,7	58	354,787	14,474	18,890	• •	-	33,364	228,425	10,929	239,354
752,828 - 73,460 13,806,160 - 1,347,188	- 73,460 - 1.347,188				311.7	- 14	73,460 1.658.929	3,797 69.632	4,955 90.878		6,050 -	14,802 160.510	59,923 1.098.925	(885) 45.576	59,038 1.144.501
2,330,595 E 100 60E	- 227,416				28,7	95	256,211	11,755	15,341	•		27,096	185,508	4,210	189,718
5,106,562 - 496,499 887,682 - 86,619	- 496,499 - 86,619					• •	490,499 86,619	001,02 4,477	5,843 5,843	••	195,361	22,160	400,034 70,657	(coc,oc) (1,731)	378,009 68,926
108,088 - 10,547 379,352 - 37,017	37,017					3,988 35,474	14,535 72,491	545 1,913	711 2,497			1,256 4,410	8,603 30,195	583 5,186	9,186 35,381
2,215,618 - 216,197 2,543,348 - 248,177	216,197 248,177						216,197 248,177	11,175 12,828	14,584 16,741		51,351 433,762	77,110 463,331	176,356 202,442	(7,507) (63,416)	168,849 139,026
1,979,753 - 193,182 9,801,671 - 956,435	193,182 956,435				21	21,235 225,695	214,417 1,182,130	9,985 49,435	13,032 64,519			23,017 113,954	157,582 780,181	3,104 32,996	160,686 813,177
8,523,589 - 831,721	831,721						831,721	42,989	56,106		554,949	654,044	678,450	(81,133)	597,317

Fund
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1 1	1 1	Net o Lial	DPEB	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings		Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	(9	Proportion and Differences Between Contributions and Proportionate Share of OPEB Expense	Total Deferred Inflows of Resources		Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer OPEB Expense
1 1	1 1		127,776	•	•	12,468	•	12,468	644	841	•	4,228	5,713	10,171	(618)	9,553
0 0	0 0	τ, c	199,038 530 731			117,001 637 260	1,573	118,574 637 260	6,047 32 938	7,893 42 988		318 366	13,940 394 292	95,439 519,825	230 (46 545)	95,669 473 280
1 1	0000 0000 <th< td=""><th>όό</th><td>220,123</td><td>•</td><td></td><td>606,952</td><td></td><td>606,952</td><td>31,372</td><td>40,944</td><td>•</td><td>185,018</td><td>257,334</td><td>495,101</td><td>(27,049)</td><td>468,052</td></th<>	όό	220,123	•		606,952		606,952	31,372	40,944	•	185,018	257,334	495,101	(27,049)	468,052
1 0	1 1	~ ~	071,914	ı		202,175	25,796	227,971	10,450	13,638	'	ı	24,088	164,918	3,771	168,689 7££ 207
1 1 2 2 1 2 1 2 1	1 1	v ←	840,015 696.347			165 527	45,688	911 215	8 556	11 166			34,23U	135 024	6 680	102,002
1 1	· ·	26, -	457,277			2,581,668		2,581,668	133,439	174,154	•	1,164,409	1,472,002	2,105,912	(170,235)	1,935,677
1 13/13 1 13/13 1 13/14 1 13/14 1	1 1	7	888,606	•	·	1,160,075	870,372	2,030,447	59,961	78,256	•		138,217	946,294	127,247	1,073,541
1 10011 1001 1001 1	1 10010 1001 1001 1	Ţ	383,052 743-130			37,378 170 092	• •	37,378 170 092	1,932 8 792	2,521 11 474	• •	1,012 30.485	5,465 50 751	30,490 138 747	(148) (4 457)	30,342 134 290
· ·	· ·		602,549			156,375	159,397	315,772	0,1 02 8,083	10,549		-	18,632	127,558	23,304	150,862
1 1	····································	, -	683,899		•	164,313	, •	164,313	8,493	11,084	1	7,852	27,429	134,033	(1,148)	132,885
1 1	1 1		333,034		•	32,497	2,992	35,489	1,680	2,192			3,872	26,508	437	26,945
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.17 1.00 2.251 2.60 2.00 2.60 <th2.60< th=""> 2.60 2.60 <th< td=""><th>÷.</th><td>174,357 116 212</td><td>• •</td><td></td><td>114,592</td><td>211,130</td><td>325,722</td><td>5,923 586</td><td>7,730</td><td></td><td>2 454</td><td>13,653 3 RD5</td><td>93,475 9.250</td><td>30,867 /359/</td><td>124,342 8 801</td></th<></th2.60<>	÷.	174,357 116 212	• •		114,592	211,130	325,722	5,923 586	7,730		2 454	13,653 3 RD5	93,475 9.250	30,867 /359/	124,342 8 801
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		310,217	• •		30,271	41.980	72.251	1.565	2.042	• •	+o+'v	3.607	24.692	6.138	30.830
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		911,195	•	•	88,913		88,913	4,596	5,998		3,725	14,319	72,528	(545)	71,983
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		406,724			39,688	•	39,688	2,051	2,677	•	10,618	15,346	32,374	(1,552)	30,822
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		729,462	•	•	71,180	•	71,180	3,679	4,802	•	40,338	48,819 21 064	58,063	(5,897)	52,166
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		826.411			80.640	45.447	126.087	4.168	5.440		-	9.608	9,300 65.780	6.644	5,243 72,424
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		218,867			21,357	•	21,357	1,104	1,441		7,816	10,361	17,421	(1,143)	16,278
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1 113/34 313/36 21/36 21/36 21/36 119/34 313/36 110/37 1 116/37 116/37 2000 116/37 2000 119/34 313/36 110/37 1 116/37 116/37 2010 2200 2200 119/34 316/36 110/37 1 116/37 20143 116/37 20143 116/37 20143 1179/34 316/36 100/37 1 116/37 20143 116/37 20143 116/37 20143 1179/34 20173 100/37 1 116/37 20143 116/37 20143 1129/34 20173 100/37 1 100/37 20134 113/35 100/37 20138 100/37 20138 100/37 100/37 1 100/37 20138 110/32 20138 110/37 20138 110/37 20138 100/37 100/37 100/37 100/37 100/37 100/37 100/37 100/37	-	,722,189	•		168,049	35,801	203,850	8,686	11,336	•	•	20,022	137,081	5,234	142,315
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	•	1,258,149 657 185	•	•	415,505	- 101	415,505	21,476	28,029	•	70,249	119,754	338,935	(10,270)	328,665
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-	396.520			38.692	7.759	46.451	2.000	2.610			4.610	31.562	1.134	32.696
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		368,921			35,999	24,067	60,066	1,861	2,428			4,289	29,365	3,518	32,883
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5, 15	,824,379			1,544,123		1,544,123	79,811	104,163		237,027	421,001	1,259,568	(34,653)	1,224,915
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-	1,194,624 147 505		•	116,5/0		116,5/0	6,025 744	/,864 071		2,538	16,427 6 854	92,088 11 711	(371)	94,717 10 000
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		298,664			29,143		29,143	1,506	1,966		1,995	5,467	23,773	(262)	23,481
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		427,161		•	41,682	507	42,189	2,154	2,812	•		4,966	34,001	74	34,075
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2	2,457,219		•	2,191,347	247,099	2,438,446	113,265	147,823			261,088	1,787,521	36,126	1,823,647
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	<u></u>	,011,287	•	•	1,757,519	•	1,757,519	90,841 52,004	118,558	•	332,882	542,281	1,433,639	(48,667)	1,384,972
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	= =	1,320,040 801.357			1 151 562		1 151 562	59.521	77 682		192,100	329.340	939 349	(28,023)	911,259
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$: E	584,219	,		1,130,373	I	1,130,373	58,426	76,252		235,134	369,812	922,066	(34,376)	887,690
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1	,383,534	ı		1,110,791	98,814	1,209,605	57,414	74,931	ı	·	132,345	906,092	14,447	920,539
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	~ ~	,001,947	•	•	195,347	18,651	213,998	10,097	13,178	•		23,275	159,348	2,727	162,075
$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		115,517			108 851	113 800	222 651	5.626	3,212			34,239 12,969	88 791	16.638	105,429
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{lcccccccccccccccccccccccccccccccccccc$	• •	,973,163			485,275	34,388	519,663	25,083	32,736	•		57,819	395,847	5,028	400,875
$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$	$ \begin{array}{rcccccccccccccccccccccccccccccccccccc$		5,891,786			574,913	274,990	849,903	29,716	38,782			68,498	468,967	40,203	509,170
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- •	1,120,061			109,294	•	109,294 183 280	5,649 0.478	1,3/3	•	78,9/6	31,998 206.617	89,153 140 FB6	(2,774)	86,379 100 415
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		494 210			48 224	22.395	70.619	9,410 2,493	3 253			5 746	39,338	3 274	42.612
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	5	183,040	•	•	993,648	195,825	1,189,473	51,359	67,029	•	•	118,388	810,536	28,629	839,165
$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	0,	3,249,142			902,520	210,301	1,112,821	46,649	60,882	•		107,531	736,201	30,746	766,947
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1,460,037			240,047 380 627	- 164 841	240,047 545 468	12,407 19.674	16,193 25.676		193,847	222,447	195,811 310 484	(28,340)	167,471 334 584
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1,557,924			444.756		444.756	22,988	30,002	•	56,309	109,299	362.796	(8,232)	354,564
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$,846,715		•	277,779		277,779	14,358	18,738		120,708	153,804	226,589	(17,647)	208,942
$\begin{array}{rrrrr} \begin{array}{rrrrr} . & 14,968 & . & 14,968 & . & 1011 & . & 512 & 2.289 & 12.226 & 1(3) \\ . & 23,966 & 18,453 & 16,74 & 2163 & . & 50,349 & 1674 & 2163 & . & 26,450 & 26,68 \\ . & 75,471 & . & 75,471 & 3,901 & 5,091 & . & 39,470 & 48,462 & 61,563 & (5,770) \\ . & . & 217778 & . & 217778 & . & 217778 & . & 217778 & . & 21,016 & 51,768 & 51,768 & 51,770 \\ . & . & . & 217778 & . & 217778 & . & 11,256 & 14,691 & . & 31,266 & 51,768 & 51,768 & 51,776 \\ . & . & . & 21,2330 & 150,413 & 177,645 & 1,356 & 1,355 & . & . & 21,018 & 177,645 & (4,574) \\ . & . & . & 20,060 & 150,413 & 177,643 & 1,355 & . & . & 21,268 & 51,776 & . & 21,960 & 21,990 \\ . & . & . & . & 20,066 & 150,473 & 1,038 & 1,355 & . & . & 31,268 & 57,333 & 177,645 & (4,574) \\ . & . & . & . & 20,066 & 150,473 & 1,038 & 1,355 & . & . & . & 21,018 & 57,233 & 177,645 & (4,574) \\ . & . & . & . & . & 20,066 & 14,277 & 26,068 & 3,404 & . & . & . & . & 14,665 & 100,603 & 8,176 \\ . & . & . & . & . & . & . & . & . & .$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	e.)	195,063	•	•	311,770	•	311,770	16,115	21,031	•	112,993	150,139	254,317	(16,520)	237,797
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{rrrrr} \begin{array}{rrrrr} . & 75,471 & & 75,471 & $		332,596			14,988 32 396	- 18 453	14,988 50,849	C// 47A1	1,011	• •	- 12	2,298	12,226 26.426	(c)) 2 698	12,151 29,124
- - 176,407 69,085 245,422 9118 11,900 - 21,018 143,888 10,100 - - - 21,778 1,256 14,691 - 21,266 45,743 - - 20,00 150,413 170,453 1,038 10,100 - - 20,00 150,413 170,453 1,038 21,690 - - 20,00 150,413 170,453 1,038 21,690 - - 123,330 55,926 179,256 6,375 8,320 - 21,490 - - - 12,363 1,79,256 6,376 8,320 - 14,655 10,600 - - - - 14,265 26,00 3,404 - - 17,65 2,084 - - - - 17,458 2,504 3,504 - 0,503	- 176,407 69,085 245,482 9118 11,900 - 21,018 143,888 10,100 - - - 21,778 11,256 14,691 - 21,286 57,233 177,645 4,574) - - 20,061 150,413 170,453 1,038 1,556 2,333 16,360 21,690 - - 20,065 172,256 6,375 8,3200 - 21,960 21,690 21,690 - - 103,558 1,72256 6,375 8,3200 - 14,685 100,603 8,176 - - 44,722 2,608 7,233 7,2436 5,774 39,534 3,504 - - - - - - - 21,016 21,65 2,604 - - - - - - 14,665 100,603 8,176 - - - - - - -		773,441	•		75,471	-	75,471	3,901	5,091		39,470	48,462	61,563	(5,770)	55,793
- 217778 11,256 14,691 - 31,266 5,233 17,745 14,564 (4,574) - 20080 150,413 170,433 1,038 1,526 - 2,333 17,645 (4,574) - 123,330 55,926 170,425 6,375 8,320 - 2,426 100,603 8,176 - 46,465 2,377 64,772 2,608 3,704 - 6,072 4,165 2,004 - 46,655 2,377 64,772 2,608 3,704 - 6,072 4,165 2,044 - 46,655 2,377 64,772 2,508 3,704 - 6,072 4,1765 2,044	217.778 11.256 14.691 - 31.266 5.7.233 17.745 (4.5.14.50) - 2000 150.413 170.433 10.38 13.55 - 21.900 21.990 - 123.330 55.926 179.256 6.375 8.320 - 14.695 100.603 8.176 - 133.300 55.926 179.256 5.376 8.320 - 14.695 100.603 8.176 - 48.465 23.971 72.438 2.508 3.404 5.774 39.534 3.504 - 943.390 88.088 1.031.478 48.761 83.639 112.400 789.540 12.878	-	,807,840	•		176,407	69,085	245,492	9,118	11,900	•		21,018	143,898	10,100	153,998
	12.330 55.97 11.246 103 1350 12.430 1301 2391301 2301 2301 2301 2301	N	231,816			217,778		217,778	11,256	14,691	•	31,286	57,233	177,645	(4,574)	173,071
50,456 13,526 13,226 14,722 2,608 3,404 6,012 14,165 2,084 48,465 13,237 17,248 2,505 3,269 6,012 14,165 2,084 48,465 23,971 72,438 2,505 3,269 5,774 39,534 3,504			205,784 วค3 006			20,080 123 330	150,413 55 026	1/0,493 170 256	1,U38 6 375	1,355 320			2,393	16,38U 100.603	21,99U 8 176	38,370 108 770
48,465 23,971 72,436 2,505 3,269 5,774 39,534 3,504	48,465 23,971 72,436 2,505 3,269 5,5774 39,534 3,504 943,390 88,088 1,031,478 48,761 65,639 112,400 769,540 12,878		517.174			50,465	14.257	64.722	2,608	3,404	•	•	6.012	41,165	2.084	43,249
	865 943,390 88,088 1,031,478 48,761 83,639 112,400 789,540 12,878		496,675			48,465	23,971	72,436	2,505	3,269			5,774	39,534	3,504	43,038

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mber 31. 2017	otal PEB PEBs	526,324 72,209	886,035	047,010 343,401	731,325	35,258	72,237 20,903	1,780,457	688,596	612,073 -	49,019 3.542	738,380	15,648	211,007 108,858	65,171 20.706	97,460	666,283 13.043	26,499 28,496	220,493	14,481 21,221	294,998 239,184	141,686 (4.488)	13,857	14,336	10,478 8,003	147,648 18,119	8,737 56,973	28,719 34 643	311,040	29,570 206,615	56,155 76.668	7,127	18,874	- 129,046	15.458	431,548	14,709	5,227 56,150
Expense for the year ended December	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	1,221 1,302	29,050	40,190	(1,397) (73-106)	1,304	(21,905) 4.927	4,081	(26,066)	7,583	8,798 (10.532)	98,305 13.411	(2,298)	(11,229) (29,737)	(4,030)	(3,104 <i>)</i> 167	76,126 285	(676)	11,281	(535) 235	(14,477) 63,856	15,049 (4.488)	162	(20,120) (24)	1,193 592	(5,224) (395)	247 1,649	(1,116) 16.157	38,541	(14,681) 1,181	3,971 (6.242)	577 577	(1,635) (4,272)	- 9,498	- (4.361)	40,740	(42)	2,996 4,557
OPEB Expense for the contract of the contract	Dr Tr Fr Fr Fr Fr Fr Fr Fr Fr Fr Fr Fr Fr Fr	525,103 70,907	856,985	296,134 296,134	732,722	33,954	94,142 15.976	1,776,376 1 806 032	714,662	604,490 -	40,221 14 074	640,075	17,946	222,236 138,595	69,201 22 810	97,293	590,157 12.758	27,175 28 547	209,212	15,016 20,986	309,475 175,328	126,637 -	13,695	14,360	9,285 7,411	152,872 18,514	8,490 55,324	29,835	272,499	44,251 205,434	52,184 82 910	6,550	598,186 23,146	- 119,548	- 19.819	390,808	32,320 14,751	2,231 51,593
2017	Total Deferred Inflows of Resources	76,698 10,357	125,172	67,360 43,254	116,580	4,959	163,582 2.333	259,461 658 566	282,676	88,293 -	5,875 74 097	93,491 60,003	18,336	109,266 223,643	37,676	20,024 14,211	86,199 1.863	8,591 4 516	30,558	5,855 3,065	144,225 25,609	18,497 30.700	2,001	2,262	1,356 1,083	58,060 5,406	1,240 8,081	11,990	39,802	106,880 30,006	7,622 54 808	957	98,557 32,598	- 17,461	32.725	57,082	2,444	326 7,536
Deferred Inflows of Resources for the year ended December 31.					9,558 168 664	+00'001	149,832	-	178,291		- 72 041		15,715	76,806 203,400	27,568	-		4,622 346	-	3,662 -	99,022 -	30.700		164		35,731 2,702		7,633		100,417	- 42 698		29,217 29,217		- 29.830	•	- 289	
ces for the vear e	a Changes of Assumptions				ı										ı						• •		•					•								•		
d Inflows of Resour	Differences Between Projected and Actual Investment Eamings	43,425 5,864	70,870	49,300 24,490	60,594 51 035	2,808	7,785 1.321	146,902	59,101	49,990 -	3,326 1 164	52,933	1,484	18,378 11,461	5,723	2,713 8,046	48,804 1.055	2,247	17,301	1,242 1,735	25,593 14,499	10,473 -	1,133	1,188	/68 613	12,642 1,531	702 4,575	2,467	22,535	3,659 16,989	4,315 6,856	542	49,468 1,914	9,886	1.639	32,319	4,577	185 4,267
Deferre	Differences Between Expected and Actual Economic Experience	33,273 4,493	54,302	37,994 18,764	46,428 20 703	23,733 2,151 7.007	5,965 1.012	112,559	45,284	38,303 -	2,549 892	40,558 26.060	1,137	14,082 8,782	4,385	6,165	37,395 808	1,722	13,257	951 1,330	19,610 11,110	8,024 -	868	44,043 910	588 470	9,687 1,173	538 3,506	1,890	17,267	2,804 13,017	3,307 5 254	415	37,904 1,467	- 7,575	1.256	24,763	3,334 935	141 3,269
2017	Total Deferred Cutflows of Resources	652,079 95,831	1,249,295	1,004,700 686,340	898,255 760 884	50,548	115,410 53.288	2,205,598	876,115	792,920 -	109,486 17 253	1,457,082 506.101	22,000	272,443 169,906	84,835	40,222 120,413	1,244,180 17.591	33,315 34 qq6	333,636	18,408 27,335	379,390 651,710	258,185 -	17,896	17,604	19,543 13,136	187,408 22,696	12,099 79,105	36,575 133 180	597,685	54,248 259,924	91,134 101 641	11,977	/33,325 28,375	211,524	- 24.297	757,760	18,083	23,230 94,419
Deferred Outflows of Resources for the year ended December 31,	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	8,348 8,905	198,705	323,305		8,923	33.703	27,913		51,868 -	60,178	672,406 01 731	-			1,141	520,698 1,950		77,160	1,608	436,773	102,939 -	1,107	•••	8,161 4,051		1,691 11,282	110 517	263,624	8,079	27,161	3,947		- 64,968		278,663	- 11,034	20,494 31,171
ources for the year e	C Changes of Assumptions	643,731 86,926	1,050,590	363,035	898,255 760 894	41,625	115,410 19.585	2,177,685	876,115	741,052 -	49,308 17 253	784,676	22,000	272,443 169,906	84,835	40,222	723,482 15,641	33,315 34 996	256,476	18,408 25,727	379,390 214,937	155,246 -	16,789	17,604	11,382 9,085	187,408 22,696	10,408 67,823	36,575 22 663	334,061	54,248 251,845	63,973 101 641	8,030	/33,325 28,375	- 146,556	24.297	479,097	04,000 18,083	2,736 63,248
I Outflows of Rest	Differences Between Projected and Actual Investment Earnings				ı								•										•					•								•		
Deferre	Differences Between Expected and Actual Economic Experience																						•													•		
	Net OPEB Liability	6,597,038 890,826	10,766,590	3,720,436	9,205,436 7 880 880	426,577	1,182,737 200.707	22,317,210 22,880 786	8,978,541	7,594,405 -	505,315 176 814	8,041,470 5,168,851	225,462	2,792,028 1,741,221	869,398	4.12,203	7,414,344 160.287	341,413 358 643	2,628,398	188,650 263,655	3,888,038 2,202,705	1,590,985 -	172,061	0,490,229 180,407	116,649 93,101	1,920,585 232,595	106,665 695,059	374,831	3,423,500	555,946 2,580,941	655,602 1 041 629	82,291	7,515,214 290,795	- 1,501,923	248.998	4,909,853	185,319	28,035 648,174
	Employer Code	0698P 0699F	0700F	0701P	0702F	0703F	0704P 0705P	0706F	0707F	0707P 0709F	0709P 0711P	0712F	0713P	0714F 0715F	0717F 0718E	0719F	0720F 0721F	0722F 0723E	0724F	0725P 0726F	0728F 0732F	0732P 0734P	0735P	0737P	0738P 0740P	0741F 0744F	0745P 0746F	0749P 0753D	0754F	0/56P 0757F	0758F 0759F	0760P	0762F	0765F	0765P 0766F	0768F	0770F	0771F 0773F
	Employer #	0698P 0699F	0700F	0701P	0702F	0703F	0704P 0705P	0706F	0707F	0707P 0709F	0709P 0711P	0712F	0713P	0714F 0715F	0717F 0718E	0719F	0720F 0721F	0722F 0723F	0724F	0725P 0726F	0728F 0732F	0732P 0734P	0735P	0737P	0738P 0740P	0741F 0744F	0745P 0746F	0749P 0753D	0754F	0757F	0758F 0759F	0760P	0762F	0765F	0766F 0766F	0768F	0770F	0771F 0773F

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& Fire	
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			Deferre	ed Outflows of Res	Deferred Outflows of Resources for the year	r ended December 31	1.2017	Deferre	Deferred Inflows of Resources for the	irces for the vear	vear ended December 31.	2017	OPEB Expense for	Expense for the vear ended Decem	ember 31, 2017
						Changes in Employer					Changes in Employer		-	Deferred Amounts from Changes in	
			Differences Between	Differences Between		Proportion and Differences Between		Differences Between	Differences Between		Proportion and Differences Between			Proportion and Differences Between Employer	
Employer #	Employer Code	Net OPEB Liability	Expected and Actual Economic Experience	Projected and Actual Investment Earnings	Changes of Assumptions	Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Expected and Actual Economic Experience	Projected and Actual Investment Earnings	Changes of Assumptions	Contributions and Proportionate Share of OPEB Expense	Total Deferred Inflows of Resources	Proportionate Share of OPEB Expense	Contributions and Proportionate Share of Contributions	Total Employer OPEB Expense
0774F	0774F	338,439			33,024	1,088	34,112	1,707	2,228			3,935	26,939	159	27,098
0776F 0777F	0776F 0777F	1,435,842 5 547 013			140,108 541 270	13,653 123,882	153,761 665 152	7,242	9,451 36 513			16,693 64 490	114,288 441 524	1,996 18 111	116,284 459.635
0779F	0779F	921,071			89,877	55,376	145,253	4,645	6,063			10,708	73,314	8,096	81,410
0781F	0781F	485,134	•	•	47,339	•	47,339	2,447	3,193	•	134,534	140,174	38,615	(19,669)	18,946
0782F	0782F	563,861			55,021	79,101	134,122	2,844	3,712	•		6,556	44,881	11,565	56,446
0786F	0786F	419.421			40.927	4 799	45.726	2,115	2,761			9,090 4,876	33,385	710'07 202	34 087
0787P	0787P	51,548			5,030		5,030	260	339	•	599	1,198	4,103	(88)	4,015
0788F	0788F	2,683,000	•		261,804	•	261,804	13,532	17,661	•	115,489	146,682	213,558	(16,884)	196,674
0789F	0789F	980,216 1,558,967			95,648 152,122	46,620	95,648 198,742	4,944 7,863	0,452 10,262		-	39,390 18,125	124,089	(4,093) 6,816	130,905
0790F	0790F	262,845	'	•	25,648	68,709	94,357	1,326	1,730			3,056	20,922	10,045	30,967
0792F	0792F	212,521	•	•	20,738	5,088	25,826	1,072	1,399	•		2,471	16,916	744	17,660
0794F 0795F	0794F 0795F	2,3/3,451 234 051			231,598 22 838	- 6 992	231,598 29.830	11,971 1 180	15,623 1.541		44,871	72,465	188,919 18.630	(6,560) 1 022	182,359 19.652
0796F	0796F	168,469			16,439	2,276	18,715	850	1,109	'		1,959	13,410	333	13,743
0797F	0797F	712,357	•	•	69,511	•	69,511	3,593	4,689	•	46,891	55,173	56,701	(6,855)	49,846
0/98F	0/98F	96,065 180 503			9,3/4	- 720	9,3/4 18 547	485 910	632 1 188	• •	1,385	2,502	/,646 14 367	(203)	/,443 14 504
0801F	0801F	2,260,219			220,549	75,691	296,240	11,400	14,878			26,278	179,906	11,066	190,972
0803P	0803P	91,470	•		8,925	914	9,839	461	602	•		1,063	7,281	134	7,415
0805F	0805F	4,227,332	•		412,498		412,498	21,321	27,826	•	59,389	108,536	336,482	(8,683)	327,799
0807F	0807F	1,008,597			98,418 25.019		98,418 25.019	5,087 1.293	6,639 1.688		10,327 3.185	6.166	80,281 20,409	(11°,1) (466)	/8,//1 19.943
0809F	0809F	162,384	•		15,845		15,845	819	1,069	•	2,787	4,675	12,925	(408)	12,517
0810F	0810F	133,233	•		13,001	908	13,909	672	877	•		1,549	10,605	133	10,738
0812F 0813E	0812F 0813F	632,321 2 044 740			61,701 287 344	28,376 11 276	90,077 298 620	3,189 14 857	4,162 10 384			7,351	50,331 234 302	4,148	54,479 236.041
0815F	0815F	149,403			14,579	12,622	27,201	754	983			1,737	11,892	1,845	13,737
0816F	0816F	160,888	•	•	15,699	1,323	17,022	811	1,059	•		1,870	12,806	193	12,999
0817F	0817F	-	•	•	- 10.020					•				- 10	- 16
0818F	0818F	204,322 16.015.641			1.562.786	372.513	1.935.299	80.776	105.422			186.198	1.274.792	54.461	1.329.253
0819P	0819P	266,165	•		25,972	•	25,972	1,342	1,752	•	18,929	22,023	21,186	(2,767)	18,419
0820F	0820F	180,577	•		17,620		17,620	911	1,189	•	2,489	4,589	14,373	(364)	14,009
0822F	0822F	-			-	-		-	-		9,518	9,518	-	(1.391)	(1.391)
0823F	0823F	284,964		I	27,806	10,942	38,748	1,437	1,876	ı		3,313	22,682	1,600	24,282
0824F	0824F	189,988	•	•	18,539	1,258	19,797	958 E E E 1	1,251	•	•	2,209	15,122	184	15,306 06.010
0828F	0828F	220,606			21,526	1,433	22,959	1,113	1,452	• •		2,565	17,560	209	17,769
0829F	0829F	101,447	•	•	9,899	12,771	22,670	512	668	•	•	1,180	8,075	1,867	9,942
0830F	0830F	418,599	'	·	40,846	•	40,846	2,111	2,755	·	9,971	14,837	33,319	(1,458)	31,861
0831F 0831D	0831F	- 16 788	• •		1638	• •	1 638	- 8	· 5		- 103 470	- 103 675	- 1 336	- (15 120)	- (13 703)
0832F	0832F	103,935	• •	• •	10,142	1,789	11,931	524	684	• •	-	1,208	8,273	261	8,534
0833F	0833F	145,715	•		14,219	•	14,219	735	959	ı	673,076	674,770	11,598	(98,403)	(86,805)
0834F	0834F	114,926	•		11,214	57,746	68,960	580	12 202	•		1,336	9,148	8,442	17,590
0836P	0836P	146 179	• •	• •	14 264	n/n'eec'i	14 264	737 737	12,203		- 1 378 193	202,12	11 635	(2014400)	343,073 (189.855)
0837F	0837F	126,366			12,331	92,362	104,693	637	832	•	-	1,469	10,058	13,503	23,561
0838F	0838F	24,420	•	•	2,383	17,851	20,234	123	161	•		284	1,944	2,610	4,554
6660	6660	4,147,905	•	•	404,747	•	404,747	20,903	27,303	•	67/'/NG	159,933	330,161	(14,221)	255,934
	TOTAL	\$ 5665859946			\$ 552 867 437	\$ 80140240 \$	633 007 677	\$ 28.576.203	\$ 37 295 198 5		\$ 80 140 240 \$	146 011 641	\$ 450 983 772		450 983 772
	-		•	*		013/011/00		2010/01/2010			01-7-02-1-00		A 1001-11-11-11-11		

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Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 1. Nature of Entity

The Ohio Police and Fire Pension Fund (OP&F) is a cost-sharing, multiple employer public employee retirement system and was created by the Ohio General Assembly in 1965, replacing 454 separate local police and firefighter relief and pension funds in Ohio. OP&F began operating as a statewide retirement fund on January 1, 1967. On that date, local pension funds transferred their assets and liabilities to OP&F. Assets transferred to OP&F totaled approximately \$75 million, while the OP&F actuary computed the liabilities accrued to 1966 at approximately \$490 million. Employers began paying the remaining unfunded accrued liability in 1969 over a 67-year period. As of December 31, 2017 the balance totaled \$22.0 million.

OP&F is governed by Chapter 742 of the Ohio Revised Code. These statutes assign the authority to establish and amend the benefit provisions of the plan to the State Legislature. The operation of OP&F and the direction of its policies are the responsibility of the Board of Trustees of OP&F. The OP&F Board is responsible for the general administration and management of OP&F. The Board of Trustees is composed of nine members: two active representatives of police departments, two active representatives of fire departments, one retired police officer and one retired firefighter. The Board also includes three statutory members. Each statutory member – one appointed by the Governor of Ohio, one by the Ohio Treasurer of State, and one appointed jointly by the Ohio Senate President and Ohio Speaker of the House of Representatives – must have professional investment expertise.

Health care plan: A cost-sharing, multiple employer, defined benefit OPEB plan (the OPEB plan) that provides various levels of health care to retired, disabled and beneficiaries, as well as their dependents. A summary of the benefit provisions can be found in OP&F's comprehensive annual financial report (CAFR).

OP&F's CAFR can be accessed on their website at www.op-f.org.

Note 2. Summary of Significant Accounting Policies

Nature of schedules: Employers participating in a cost-sharing OPEB plan, and any non-employer contributing entities that meet the definition of a special funding situation, are required to recognize their proportionate share of the collective OPEB amounts for OPEB benefits provided to members through the OP&F plan. The OPEB Plan is financed through a combination of employer contributions, recipient premiums, and investment returns. As employer contributions to the OPEB Plan are not required by state law, the Board approves the amount of required employer contributions to the Plan that will be designated for the OPEB Plan, which was 0.5% of employer contributions for the year ended December 31, 2017. OP&F does have one special funding situation that is included in the required calculations.

The Schedule of Employer Allocations presents the fiscal year 2017 contributions for each employer and the respective allocation percentage. The Schedule of OPEB Amounts by Employer presents the proportionate share of total net OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total OPEB expense for all OP&F employers. The OPEB expense includes the amortization of the current year differences between expected and actual economic and demographic experience, differences between projected and actual investment earnings (net) on Plan investments, amortization of the change in proportionate share, and the impact of changes of assumptions about future economic or demographic factors or other inputs. The OPEB expense does not include amortization of deferred outflows and deferred outflows recognized during previous periods.

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 2. Summary of Significant Accounting Policies (Continued)

Measurement focus and basis of accounting: The financial transactions are recorded using the economic resources measurement focus and the accrual basis of accounting. Employer contributions are recognized as revenue when due pursuant to statutory or contractual requirements.

Use of estimates: The preparation of the Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer (Schedules) in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts, and changes therein, and disclosures. Actual results could differ from those estimates and differences could be material.

Basis of allocation: In determining the proportionate share of the net OPEB liability and corresponding employer OPEB amounts for a cost-sharing plan, the basis should be consistent with the manner in which contributions are made to the Plan, excluding those to separately finance specific liabilities of an individual employer. OP&F has determined that the actual contributions made to the Plan during fiscal year 2017 are appropriate as the allocation basis because they are the most representative of the level of future contributions to the OPEB Plan.

Note 3. Contributions

The fiscal year 2017 total employer pension contributions to OP&F used as the denominator for the allocation calculation in the Schedule of Employer Allocations can be reconciled to OP&F's fiscal year 2017 CAFR as follows:

Defined benefit plan employer contributions	\$ 462,047,728
Special funding entity	 346,475
Total contributions - schedule of employer allocations	\$ 462,394,203

Employer contributions to the Health Care Fund represent an allocation of 0.5% of the employers' 19.5% Police and 24.0% Fire contribution of payroll to the Plan. Because the contribution to the OPEB plan is at the discretion of OP&F, it was determined that total pension contribution is the most reliable basis for allocation.

Note 4. Deferred Outflows and Deferred Inflows

Deferred outflows of resources are the consumption of net position by OP&F that is applicable to future reporting periods. Deferred outflows of resources have a positive effect on net position. Deferred inflows of resources are the acquisition of net position that is applicable to future reporting periods. Deferred inflows of resources have a negative effect on net position. Other than differences between projected and actual investment earnings, deferred inflows and outflows of resources are recognized in OPEB expense beginning in the current period, using a straight line method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with OPEBs through OP&F (active and inactive), determined as of the beginning of the measurement period. The average of the expected remaining service lives of all members for fiscal year 2017 is 7.84 years. Net deferred inflows (or outflows) of resources pertaining to differences between projected and actual investment earnings are similarly recognized over a closed five year period.

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 4. Deferred Outflows and Deferred Inflows (Continued)

The future amortization of current year deferred outflows and inflows at December 31, 2017 is as follows:

	 Deferred Outflows**	Deferred Inflows**
2018	\$ 80,828,573	\$ 13,501,607
2019	80,828,573	13,501,607
2020	80,828,573	13,501,607
2021	80,828,573	13,501,605
2022	80,828,573	4,177,807
2023	80,828,573	4,177,807
2024	67,895,999	3,509,361
	\$ 552,867,437	\$ 65,871,401

** The change in proportionate share of contributions as reflected on the Schedule of OPEB Amounts by Employer results in deferred outflows and inflows. These amounts will be amortized at the employer level over the average expected remaining service life of all members.

Note 5. OPEB Expense

The components of OPEB expense for the year ended December 31, 2017 are:

Service cost	\$ 230,753,065
Interest on the total OPEB liability	220,886,126
Employee contributions	-
Projected earnings on plan investments	(68,798,362)
OPEB plan administrative expenses	815,977
Recognition of outflow (inflow) of current period changes in assumptions	80,828,573
Recognition of outflow (inflow) of current period differences in expected	
and actual experience liabilities	(4,177,807)
Recognition of outflow (inflow) of current period differences in expected	
and actual earnings of plan investments	 (9,323,800)
Total OBEP Expense - Schedule of OPEB Amounts by Employer	\$ 450,983,772

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 6. Net OPEB Liability and Actuarial Information – Defined Benefit Plans

The net OPEB liability is the portion of the actuarial present value of projected benefit payments related to past periods. The net OPEB liability for the employers is based on the allocation percentages from the Schedule of Employer Allocations.

The components of the net OPEB liability as of December 31, 2017 are as follows:

				Fiduciary Net
			Net OPEB	Position as a
			Liability	Percent of Total
	Total OPEB	Fiduciary Net	(Surplus)	OPEB Liability
	Liability (a)	Position (b)	(a) - (b)	(b) / (a)
OPEB	\$ 6,597,947,73	5 \$ 932,087,789	\$ 5,665,859,946	14.13%

The activity related to the net OPEB liability for fiscal year 2017 is set forth in the following table:

Net OPEB liability, January 1, 2017	\$ 4,74	16,775,112
Total OPEB expense	45	50,983,772
Change in deferred outflows of resources	55	52,867,437
Change in deferred inflows of resources	(6	65,871,401)
Medicare Part D reimbursements	((8,023,495)
Employer contributions	(1	10,871,479)
Net OPEB liability, December 31, 2017	\$ 5,66	65,859,946

The total OPEB liability is determined by OP&F's actuaries in accordance with GASB Statement No. 74, as part of their annual valuation. Actuarial valuations of an ongoing retirement plan involve estimates of the value of reported amounts and assumptions about probability of occurrence of events far into the future. Examples include assumptions about future employment mortality, salary increases, disabilities, retirements and employment terminations. Actuarially determined amounts are subject to continual review and potential modifications, 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 time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 6. Net OPEB Liability and Actuarial Information – Defined Benefit Plans (Continued)

Key methods and assumptions used in calculating the total OPEB liability in the latest actuarial valuation are presented below:

Valuation Date	January 1, 2017, with actuarial liabilities rolled forward to December 31, 2017
Actuarial Cost Method	Entry Age Normal (Level Percent of Payroll)
Actuarial Assumption Experience Study Date	5 year period ended December 31, 2016
Investment Rate of Return	OP&F OPEB long term rate is 8.0%.
Cost of Living Increases (COLA)	3% simple; 2.2% simple for increases based on the lesser of the Increase in CPI and 3 %.
Salary increases	3.75% to 10.50%
Payroll growth	Inflation rate of 2.75 percent plus productivity increase rate of 0.5 percent

Healthy Mortality

Mortality for non-disabled participants is based on the RP-2014 Total Employee and Healthy Annuitant Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Conduent Modified 2016 Improvement Scale. Rates for surviving beneficiaries are adjusted by 120%.

Age	Police	Fire
67 or less	77%	68%
68-77	105%	87%
78 and up	115%	120%

Disabled Mortality

Mortality for disabled retirees is based on the RP-2014 Disabled Mortality Tables rolled back to 2006, adjusted according to the rates in the following table, and projected with the Conduent Modified 2016 Improvement Scale.

Age	Police	Fire
59 or less	35%	35%
60-69	60%	45%
70-79	75%	70%
80 and up	100%	90%

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 6. Net OPEB Liability and Actuarial Information – Defined Benefit Plans (Continued)

The long-term expected rate of return on OPEB plan investments was determined using a building-block approach and assumes a time horizon, as defined in OP&F's Statement of Investment Policy. A forecasted rate of inflation serves as a baseline for the return expected. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating a weighted average of the expected real return premiums for each asset class, adding the projected inflation rate and adding the expected return from rebalancing uncorrelated asset classes.

Best estimates of the long-term expected real rates of return for each major asset class included in OP&F's target asset allocation as of December 31, 2017 are summarized below:

		Long-Term Expected	
	Target	Real Rate	
Asset Class	Allocation	of Return	
Cash and cash equivalents	0.00%	0.00%	
Domestic equity	16.00%	5.21%	
Non - U.S. equity	16.00%	5.40%	
Core fixed income*	20.00%	2.37%	
Global inflation protected securities*	20.00%	2.33%	
High yield	15.00%	4.48%	
Real estate	12.00%	5.65%	
Private markets	8.00%	7.99%	
Real assets	5.00%	6.87%	
Master limited partnerships	8.00%	7.36%	

Note: Assumptions are geometric *Levered 2x

OP&F's Board of Trustees has incorporated the risk parity concept into OP&F's asset liability valuation with the goal of reducing equity risk exposure, which reduces overall Total Portfolio risk without sacrificing return and creating a more risk-balanced portfolio based on the relationship between asset classes and economic environments. From the notional portfolio perspective above, the Total Portfolio may be levered up to 1.20 times due to the application of leverage in certain fixed income asset classes.

Total OPEB liability was calculated using the discount rate of 3.24 percent. The projection of cash flows used to determine the discount rate assumed the contributions from employers and from members would be computed based on contribution requirements as stipulated by state statute. Projected inflows from investment earnings were calculated using the longer-term assumed investment rate of return 8.00 percent. Based on those assumptions, OP&F's fiduciary net position was projected to not be able to make all future benefit payment of current plan members. Therefore, a municipal bond rate of 3.16 percent at December 31, 2017 and 3.71 percent at December 31, 2016 was blended with the long-term rate of 8.00 percent, which resulted in a blended discount rate of 3.24 percent.

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 6. Net OPEB Liability and Actuarial Information – Defined Benefit Plans (Continued)

Net OPEB liability is sensitive to changes in the discount rate. To illustrate the potential impact, the following table presents the net OPEB liability calculated using the discount rate of 3.24 percent, as well as what the net OPEB liability would be if it were calculated using a discount rate that is one percentage point lower, 2.24 percent, or one percentage point higher, 4.24 percent, than the current rate:

		1% Decrease		Current		1%	
				Rate		Increase	
Discount Rate		2.24%		3.24%		4.24%	
Net OPEB Liability	\$	7,082,393,217	\$	5,665,859,946	\$	4,575,899,718	

Net OPEB liability is sensitive to changes in the healthcare cost trend rates. The trend rate is the annual rate at which the cost of covered medical services is assumed to increase from the current year to the next year. Beginning in 2017, the per-capita costs are assumed to change by the following percentages each year:

	Non-				Medicare
Year	Medicare	Non-AARP	AARP	Rx Drug	Part B
2017	-0.47%	-2.50%	4.50%	-0.47%	5.20%
2018	7.00%	7.00%	4.50%	7.00%	5.10%
2019	6.50%	6.50%	4.50%	6.50%	5.00%
2020	6.00%	6.00%	4.50%	6.00%	5.00%
2021	5.50%	5.50%	4.50%	5.50%	5.00%
2022	5.00%	5.00%	4.50%	5.00%	5.00%
2023 and Later	4.50%	4.50%	4.50%	4.50%	5.00%

To illustrate the potential impact, the following table presents the net OPEB liability calculated using the current healthcare cost trend current rates as outlined in the table above, a 1 % decrease in the trend rates and a 1% increase in the trend rates.

		1% Decrease		Current Rates	_	
Net OPEB Liability	\$	4,401,341,853	\$	5,665,859,946	\$	7,370,002,307

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 7. Short-Term Solvency Test

OP&Fs financing objective is to pay for OPEB benefits through contributions that remain approximately level from year to year as a percent of member payroll.

If the contributions are level in concept and soundly executed, OP&F will pay all promised benefits when due, which is the ultimate test of financial soundness. Testing for level contributions rates is the long-term test.

A short-term solvency test is a means of checking a system's progress under its funding program. In a short-term solvency test, the present assets (cash and investments) are compared with:

- 1. Active member contributions on deposit.
- 2. The liabilities for future benefits to present retired lives.
- 3. The liabilities for service already rendered by active members.

Under the level percent of payroll financing, liabilities for active member contributions on deposit and the liabilities for future benefits to present retirees and beneficiaries will be fully covered by present assets except in rare circumstances. In addition, liabilities for active member benefits earned or to be earned in the future will be partially covered by the remainder of present assets. Generally, if OP&F has been using level cost financing, the funded portion of active member benefits will increase over time. The following table provides the short term solvency test at December 31, 2017.

	Aggrega			Accrued Li			
			(3)				
		(2)	Active Members				
Valuation	(1)	Retired	(Employer	Actuarial			
as of	Active Member	Members and	Financed	Value	(4)	(0)	(0)
June 30,	Contributions	Beneficiaries	Portion)	of Assets	(1)	(2)	(3)
2017	\$ -	\$ 916	\$ 1,480	\$ 382	100.0%	42.0%	0.0%
2016	-	918	1,489	370	100.0%	40.3%	0.0%
2015	-	979	1,446	408	100.0%	41.7%	0.0%
2014	-	968	1,508	414	100.0%	42.8%	0.0%
2013	-	1,157	1,761	379	100.0%	32.8%	0.0%
2012	-	1,074	1,617	355	100.0%	33.1%	0.0%
2011	-	897	1,513	356	100.0%	39.7%	0.0%
2010	-	970	1,399	325	100.0%	33.5%	0.0%
2009	-	1,895	2,385	376	100.0%	19.8%	0.0%
2008	-	2,148	2,711	393	100.0%	18.3%	0.0%

Health Care Solvency Test (\$ in millions)

Notes to Schedule of Employer Allocations and Schedule of OPEB Amounts by Employer

Note 8. Subsequent Event

Beginning Jan. 1, 2019 OP&F is changing its retiree health care model and the current self-insured health care plan will no longer be offered. In its place will be a stipend-based health care model. OP&F has contracted with a vendor who will assist eligible retirees in choosing health care plans from their marketplace (both Medicare-eligible and pre-Medicare populations). A stipend funded by OP&F will be placed in individual Health Reimbursement Accounts that retirees will use to be reimbursed for health care expenses. As a result of changing from the current health care model to the stipend based health care model, management expects that it will be able to provide stipends to eligible participants for the next 15 years.

Note 9. Restatement

Subsequent to the release of the Schedules dated September 14, 2018, management identified an error in the allocated amounts of the deferred inflows and outflows related to the Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions and the column identified as Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of OPEB Expense. As a result the amounts of deferred inflows and outflows were restated which also impacted the totals in the Total Deferred Outflows of Resources and Total Deferred Inflows of Resources columns.

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Dave Yost • Auditor of State

OHIO POLICE AND FIRE PENSION FUND

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 Babbett

CLERK OF THE BUREAU

CERTIFIED NOVEMBER 27, 2018

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