

GASB Statements No. 67 and 68 Report for Fiscal Year 2015

Lawrence Retirement System

City of Lawrence Greater Lawrence Regional Vocational Tech Lawrence Housing Authority M. V. R. T. A.

Lawrence B. Stone



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October 16, 2015

Lawrence Retirement Board 354 Merrimack Street Suite 302 Lawrence, MA 01843

Dear Members of the Board:

For the purpose of satisfying the requirements of the Government Accounting Standards Board (GASB) Statements No. 67 and 68, Stone Consulting, Inc. has prepared a set of illustrative tables and other Required Supplementary Information (RSI) based on the January 1, 2014 actuarial valuation of the Lawrence Retirement System performed by Stone Consulting, Inc. The valuation and this report were prepared using generally accepted actuarial principles and practices and meet the parameters set by the Governmental Accounting Standards Board (GASB).

For GASB 67 the results are as of a valuation date of January 1, 2014 and a reporting date of December 31, 2014. For GASB 68 the results are as of a valuation date of January 1, 2014, a measurement date of December 31, 2014 and a reporting date of June 30, 2015. To the best of our knowledge, this report is complete and accurate, and the assumptions used represent our best estimate of anticipated experience of the system. The methods, assumptions, and plan provisions used to prepare these exhibits are consistent with those used in the valuation, and are outlined in the January 1, 2014 valuation report.

We are pleased to present these exhibits. If the Lawrence Retirement Board has any questions on the content of this report, we would be glad to respond. Please note that this report is meant to be used in its entirety. Use of excerpts of this report may result in a misleading or inaccurate understanding of the results.

The undersigned is a consultant for Stone Consulting, Inc. and a member of the American Academy of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted, STONE CONSULTING, INC. Actuaries for the Plan

Lawrence B. Stone

Member, American Academy of Actuaries

stone consulting, inc

GASB Statements No. 67 and 68 - Net Pension Liability

The components of the Net Pension Liability of the Lawrence Retirement System as of December 31, 2014 were as follows:

Total Pension Liability (TPL)	\$ 399,310,255
Plan Fiduciary Net Position (FNP)	180,578,743
System's Net Pension Liability (NPL)	\$ 218,731,512
Plan FNP as a percentage of the TPL	45.2%
Covered Payroll	\$ 71,253,430
Plan NPL as a percentage of Covered Payroll	307.0%

NOTE: for all exhibits in this report, sums may not total due to rounding

Changes to the Net Pension Liability [GASB 68, Paragraph 44]

	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a) - (b)
Balances at beginning of Measurement Period (1/1/2014)	\$ 385,886,510	\$ 168,979,467	\$ 216,907,042
Changes for the Year:			
Service Cost	8,469,461		8,469,461
Interest	29,607,284		29,607,284
Change in benefit terms	0		0
Differences between expected and actual experience	0		0
Change in assumptions	0		0
Contributions - employer		17,323,139	(17,323,139)
Contributions - employee		6,950,852	(6,950,852)
Net investment income		12,432,924	(12,432,924)
Benefit payments, including refunds of employee contributions	(24,653,000)	(24,653,000)	0
Administrative expense		(454,640)	454,640
Other changes		0	0
Net Changes	<u>13,423,745</u>	11,599,275	1,824,470
Balances at end of Measurement Period (12/31/2014)	\$ 399,310,255	\$ 180,578,743	\$ 218,731,512

Update procedures were used to roll the Total Pension Liability forward from the valuation date (1/1/2014) to the measurement date (12/31/2014). [GASB Statement No. 68, Paragraph 45 a.]



Projection of the Net Pension Liability

TOTAL PENSION LIABILITY (TPL)

The Total Pension Liability at the beginning of the measurement period (1/1/2014) is equal to the Actuarial Accrued Liability (AAL) calculated as of that date. GASB Statement No. 68, Paragraph 32 requires that the AAL be calculated under the Entry Age Normal Cost Method. For future measurements, the value of the TPL at the beginning of the measurement period will be calculated by projecting the previous TPL. Any future differences between projected amounts and the actual value that are not the result of changes in assumptions or plan provisions will be recognized as "Differences between actual and expected experience".

The TPL is projected to the end of each measurement period (12/31/2014) by adding all of the changes resulting from experience, assumption changes, and changes to plan provisions. Interest is given to the TPL, Service Cost, and paid benefits, and added to the total, less the projected benefit payments for the year. Changes due to expected and actual gains on pension plan assets will be recognized over a five-year period [GASB Statement No. 68, Paragraph 33b], and liabilities arising from changes in plan structure or assumptions will be spread over the lifetime of the current employees [GASB Statement No. 68, Paragraph 33a].

The TPL shown is different from the AAL shown in the January 1, 2014 actuarial valuation report. This is due to a different treatment of net 3(8)(c) payments. In the funding valuation we fund the net 3(8)(c) payments on a pay-as-you-go basis. For GASB Statements No. 67 and 68 we have developed a liability amount of \$6,703,549, which we have added to the funding AAL to derive the Total Pension Liability. The liability is calculated by assuming that every dollar of 3(8)(c) net benefit generates the same amount of liability as a dollar of the total retirement benefit.

PLAN FIDUCIARY NET POSITION (FNP)

GASB Statement No. 67, Paragraph 18 requires that Market Value of Assets be used for the Fiduciary Net Position. Net investment income is the portion of the change in assets during the measurement period not attributed to employee/employer contributions, benefits payments, administrative expense, or other changes.

The projected Net Pension Liability (NPL) for the end of the year is the portion of the TPL not covered by the FNP. This amount is presented as a percentage of covered employee payroll. The NPL ratio for Lawrence is 307.0%.



Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions [GASB 68, Paragraph 44 h.]

	Deferred Outflows Of Resources	Deferred Inflows Of Resources
Differences between expected and actual experience	\$ 0	5 0
Changes of assumptions		
Changes of benefit terms	0	0
Net difference between projected and actual earnings		
on pension plan investments	<u>418,622</u>	0
Total	\$ 418,622	\$ 0

Year Ending December 31, *	Recognition
2015	\$ 104,656
2016	104,656
2017	104,656
2018	104,656
2019	0
Thereafter	

^{*}The years are based on measurement date. For GASB 68, the reporting date is six months later, so the year ending December 31, 2015 is Fiscal 2016.

Long-Term Expected Real Rate of Return

The long-term expected real rate of return reflects the expected rate of return on plan assets minus the expected rate of inflation. Note that the discount rate includes the effect of inflation. The long-term real rate of return removes the effect of inflation on the return amounts. It is a long-term assumption and is meant to reflect a best estimate of future experience, based on the expected asset allocation. The allocation percentages were provided by the Pension Reserves Investment Management Board (PRIM). PRIM supplied nominal rates of return which were adjusted to real rates of return using a 3.00% inflation assumption.

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return (Geometric Average)
Core Bonds	13.0%	0.97%
Value-Added Bonds	10.0%	3.80%
Large Cap Equites	14.5%	4.61%
Mid/Small Cap Equities	3.5%	4.85%
International Equities	16.0%	5.10%
Emerging Market Equities	6.0%	6.31%
Private Equity	10.0%	6.55%
Real Estate	10.0%	3.40%
Timber/Natural Resources	4.0%	3.64%
Hedge Funds	9.0%	3.64%
Cash/Portfolio Completion	4.0%	0.00%



Discount Sensitivity [GASB 68, Paragraph 42 g.]

The following presents Lawrence's Net Pension Liability calculated at the valuation discount rate of 7.75%, as well as at discount rates one percent higher (8.75%) and one percent lower (6.75%).

Fiscal Year	1% Decrease	Current Discount Rate	1% Increase
	(6.75%)	(7.75%)	(8.75%)
2015	\$ 264,796,672	\$ 218,731,512	\$ 181,431,541

Distribution of the Member Population

As of January 1, 2014, the following employees were covered by the benefits terms:

Inactive employees or beneficiaries currently receiving benefits	879
Inactive employees entitled to a return of contributions	309
Active employees	<u>1,519</u>
TOTAL THE PRODUCT OF	2,707

Development of Exhibits

DISCOUNT RATE

Projections were made using a discount rate assumption of 7.75%, which is consistent with the assumption used in the valuation. One of the objectives of the provisions introduced by GASB 68 is to examine how benefit payments and plan contributions and investment earnings interact on a cash flow basis. GASB requires that these amounts be calculated with Market Value of Assets and using the Entry Age Normal cost method.

Projected contributions for each year are the sum of the projected normal cost, the amortization of the unfunded liability, administrative expense, and other benefit costs such as 3(8)(c) payments. The amortization bases and periods are consistent with those seen in the valuation report. Administrative expenses are increased by 4.25% per year.

Lawrence's Fiduciary Net Position was projected to be available to make all future benefit payments of current active and inactive employees. Thus, the long-term expected rate of return on investments was applied for all benefit periods when calculating the Net Pension Liability.

GASB Statement No. 67, Paragraph 30 b. 4 requires that a return rate for the measurement period be developed using the market value of assets at the beginning of the measurement period, along with monthly cash flows. This has been done for the 2014 calendar year, and is shown below and on page 13.

Calendar Year	2014
Money-Weighted Rate of Return	7.39%



FISCAL VESTA	2015	2014 2013 2012 2010 2010 2008 2007 2006
TOTAL PENSION LIABILITY		
Service cost	8,469	
	29,607	
	,	
pected and actual experience	:	
Change of assumptions	1	
Benefit payments, including refunds of employee contributions		
Net change in total pension liability	13,424	の 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total pension liability - beginning	385,887	
	7 V	
PLAN HDUCIARY NET POSITION		
Contributions - employer	17,323	
Contributions - employee	6,951	
Net investment income	12,433	Information not available for years prior to 2015
berlein payments, including retunds of employee contributions	(24,653)	
Administrative expense	(455)	
	•	
Net change in plan fiduciary net position	11,599	
Plan fiduciary net position - beginning	168,979	
Plan fiduciary net position - end	180,579	
Lawrence net pension liability - ending	218,732	
rian inducial, net position as a percentage of the total	45.2%	《《《《·································
Covered-employee payroll*	71,253	
Lawrence's net pension liability as a percentage of covered employee payroll	307.0%	

^{*} Payroll amount is projected for <u>Calendar Year</u> 2014, based on employee data as of 12/31/2013

Note: sums may not total due to rounding

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Schedule of Plan Contributions

(Amounts in Thousands)

Fiscal Year	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Actuarially determined contribution	\$ 17,121									
Contributions in relation to the actuarially determined contribution	(17,033)									
Contribution deficiency / (excess)	88	*	Informatio	n not avail:	able for yea	* Information not available for years prior to 2015	2015			am handandhiri an mari' andan ac
Covered-employee payroll**	\$ 772,939							1971 HET 1971 HET 1981 HET 1981 HET		
Contributions as a percentage of covered-employee payroll	23.4%									987 - manazari (m. 1984), m. milina (m. 1984), m. 1984

** For this table payroll is projected for <u>Fiscal Year</u> 2015

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Components of Lawrence's Pension Expense for the Fiscal Year Ended June 30, 2015 [GASB 68, Paragraph 33]

NOTE	Description	Fiscal 2015
Α	Service Cost	\$ 8,469,46 1
A, B	Interest on the Total Pension Liability	29,607,284
С	Differences between Expected and Actual Experience	0
D	Changes of Assumptions	0
D	Changes to Benefit Provisions	0
Α	Employee Contributions	(6,950,852)
E	Projected Earnings on Pension Plan Investments	(12,956,201)
F	Differences between Projected and Actual Earnings on Plan Investments	104,656
Α	Pension Plan Administrative Expense	(454,640)
Α	Other Changes in Fiduciary Net Position	0
	Total Pension Expense	\$ 18,728,987

^{*} Notes shown on following page. Amounts are based on the following dates:

Valuation date: January 1

Measurement date: December 31
Reporting date: following June 30

CHANGES IN METHODS, ASSUMPTIONS, AND PLAN PROVISIONS

The assumptions and methods used to generate these exhibits are consistent with those used in the January 1, 2014 actuarial valuation of Lawrence performed by Stone Consulting, Inc. unless otherwise noted. There are no changes in assumptions or benefit provisions to reflect as this is the first year in which Lawrence will satisfy the requirements of GASB Statements No. 67 and 68. Any gains or losses resulting from future changes will be recognized over the average service lifetime of plan members.

RESULTS BY EMPLOYER

Exhibits are provided beginning on page 14 which provide individual results for the various employers that make up the Lawrence Retirement System. Pension expense, as well as any deferred inflows and outflows of resources, have been allocated to the various employers in the same manner as the portion of the FY2015 appropriation that is not related to ERI payments. The contribution excess generated by Federal Grants has been allocated to the City. The present value of all future ERI payments was removed from the Net Pension Liability, with the remainder then being allocated using the same employer percentages as the non-ERI portion of the FY2015 appropriation. The Net Pension Liabilities for all of the employers were then increased by the present value of their respective ERI obligations.



NOTES

- A. See the RSI schedule of changes to the net pension liability, on page 2.
- B. Events that impact the total pension liability are assumed to happen evenly throughout the period. In addition, the amount of interest on the total pension liability is calculated using an interest rate equal to the discount rate that was used to determine the service cost. The amount is determined as follows:

Description	Amount for Period	Portion of		Interest on the Total
Description	(a)	Period (b)	Rate (c)	Pension Liability (a) x (b) x (c)
Beginning total pension liability	\$ 385,886,510	100%	7.75%	\$ 29,906,204
Service cost	8,469,461	100%	7.75%	656,383
Benefit payments	(24,653,000)	50%	7.75%	(955,304)
Total interest on the net pension liability		Marian, M.		\$ 29,607,284

- C. Differences between expected and actual experience recognized in the current period in accordance with paragraph 33a of Statement 68. For the detailed calculation of this amount, see the schedule on page 10.
- D. Assumption and plan provision changes recognized in pension expense in the current period in accordance with paragraph 33a of Statement 68. For detailed calculations of these amounts, see the schedules on pages 10-11.
- E. Changes in the amounts invested are assumed to occur evenly throughout the period. In addition, the amount of projected earnings on pension plan investments is calculated using the assumed rate of return on pension plan investments as of the beginning of the period. The amount is determined as follows:

Description	Amount for Period (a)	Portion of Period (b)	Projected Rate of Return (c)	Projected Earnings (a) x (b) x (c)
Beginning plan fiduciary net position	\$ 168,979,467	100%	7.75%	\$ 13,095,909
Employer contributions	17,323,139	42%	7.75%	563,868
Employee contributions	6,950,852	50%	7.75%	269,346
Benefit payments, including refunds of employee contributions	(24,653,000)	50%	7.75%	(955,304)
Administrative expense and other	454,640	50%	7.75%	(17,617)
Total projected earnings				\$ 12,956,201

F. Differences between projected and actual earnings recognized in the current period in accordance with paragraph 33b of Statement 68. For detailed calculation of this amount, see the schedule on page 11.



Increase / (Decrease) in Pension Expense Arising from the Recognition of the Effects of Differences between Expected and Actual Experience

,	Differences between actual and	Recognition									
	experted	period (years)	CIOZ	- 701 9	7017	2018	2019	2620	202		2022
2006	-	0									
2007	1	0					4 (V)				
2008	£4.	0							-		
2009	1	0	-								
2010	1	0	*	Information no	Information not available prior to 2015	to 2015			:		
2011	i	0		not reference to	4200000						
2012	1	0								·	
2013	₩	0				1			<u>-</u>		
2014	₩.	0								·	
2015	t		٠.	\$	\$	\$	5 4	t 64	t-9	64	•
Net increa	Net increase (decrease) in pension expense	on expense	· 64	\$	-	-		\$	•	54	J
							WATER CO.		- The state of the		

Increase / (Decrease) in Pension Expense Arising from the Recognition of the Effects of Changes of Assumptions

2021 2022			14 14 15 15 15 15 15 15 15 15 15 15 15 15 15			:				±s	59
2020										\$\$ '	*
2019		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								•	1 69
2018					prior to 2015						54
2016 2017					t availab					\$	\$
2015	**************************************				* Infor					4	54 1
Recognition period (years)	0	0	0	0	0	0	0	0	0	Annua A Arigan	ension expense
Change of Recogn assumptions period (÷	₩.	ŧA.	₩.	₩	t €4	tA	t-A	tA.	4	Net increase (decrease) in pension exper
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Net increas

Increase / (Decrease) in Pension Expense Arising from the Recognition of the Effects of Changes to Benefit Provisions

	Change in benefits period (y	Recognition period (years)	2015	2016	2017	2018	2019	2020	2021	2022	
2006	1 44	0						*****			
2007	t _A	0							:		
2008	i \$3	0									
2009	5 4	0									
2010		0	*	Information no	Information not available prior to 2015	to 2015					
2011	1) () () () () () () () () ()	0			20 10 10 10 10 10 10 10 10 10 10 10 10 10			Time transfer			
2012	ts.	0								**********	
2013	1	0									
2014		0			y		· · · · · · · · · · · · · · · · · · ·				
2015	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	₽	- \$	\$	1	54	· ₩	₩	₩	1
reas	Net increase (decrease) in pension expens	on expense	1 1	1 6A	1 54	-	t4	144	t-A	*	,

Increase / (Decrease) in Pension Expense Arising from the Recognition of Differences between Projected and Actual Earnings on Pension Plan Investments

Year	Differences between projected and actual earnings on	Recognition period	3105	2016	A102	2018	Groz
2006	pension plan investments	(Veal5) 0					
2007		0					
2008	' ₩	0					
2009	**************************************	0		- 5.7			
2010	₩.	0	*	* Information not available prior to 2015	t available prior	to 2015	
2011	* 1	0					
2012		0					
2013		0					
2014	4	0			And the second s		
2015	\$ 523,278	5	\$ 104,656	\$ 104,656	\$ 104,656	\$ 104,656 \$ 104,656 \$ 104,656 \$ 104,656	\$ 104,656
Net increas	Net increase (decrease) in pension expense		\$ 104,656 \$		104,656 \$ 104,656 \$	\$ 104,656	\$ 104,656

STEODERS ROBERT STEODERS RESERVED				BALAN JUNE 30	
Year	Experience Losses (a)	Experience Gains (b)	Amounts Recognized in Pension Expense through June 30, 2015 (c)		Deferred Inflows of Resources (b) - (c)
2012					
2013	*	Information not a	vailable prior to 2015		
2014					
2015	\$	\$ <u>-</u>		3	\$
TOTAL		······································		\$ -	\$ -

Deferred Outflows and Deferred Inflows of Resources Arising from Changes of Assumptions and Benefit Provisions

Year	Decreases in the Total Pension Lability (b)	Amounts Recognized in Pension Expense through June 30, 2015 (c)	Deferred Outflows of Resources (a) - (c)	Deferred Inflows of Resources (b) - (c)
	No recorded chang	es in assumptions or plan provision	15	
TOTAL				

Deferred Outflows and Deferred Inflows of Resources Arising from Differences between **Expected and Actual Earnings on Pension Plan Investments**

Year		vestment Earnings nen Projected (a)		tment Earnings More than Projected (b)	Am Ex	nounts Recognized in Pension pense through June 30, 2015 (c)	De	ferred Outflows of Resources (a) - (c)	(4)	erred Inflows Resources (b) - (c)
2012]									
						and the second s		and the second of		
2013	14.		Infor	mation not ava	ilabl	le prior to 2015				
2013 2014	\$		Infor	mation not ava -	ilabl \$	le prior to 2015 -	\$		\$	1944 (34) -
	\$	- 523,278	Infor \$ \$	mation not ava - -	ilabl \$ \$	le prior to 2015 - 104,656	\$	-	\$ \$	(1941) (1941) -

GASB Statement No. 67, Paragraph 30 b. (4) Money-Weighed Rate of Return, 2014

		NET INVESTMENT AMOUNTS	TS		
	Beginsing of month	Widdle of Worth	End of Month	Pariods Invastad ^m	
Starting Value" (12/31/2013)	\$ 169,568,032,01			12	\$ 182,106,684.94
Cash Flows:					
January	30,952.80	529,912.69	-2,121,261.77	: : :	(1,663,965.42)
February	148,043.92	554,577.79	-2,261,385.11	10	(1,651,550.96)
March	3,529.24	477,027.09	-2,303,985.08	. on	(1,922,126.05)
April	28,082.51	611,006.35	-1,971,124.08	80	(1,394,833.00)
May	4,265.41	582,231.13	-2,063,124.01	Z	(1,537,539.12)
June	28,680.64	510,000,29	-1,794,074.00	9	(1,299,229.63)
ylut	313,207.95	564,510.43	-2,020,776.93	G	(1,173,890.21)
August	14,917,211.31	520,045.83	-2,088,398.56	4	13,762,762.75
September	0.00	489,943.56	-2,033,883.86	B	(1,570,238.16)
October	807,533.00	641,231.45	-1,966,040.96	2	(516,659.25)
November	0.00	570,627.58	-1,955,124.14		(1,391,042,92)
December	714,821.00	838,808.03	-2,109,014,39	0	(548,626.17)
Ending Value* (12/31/2014)	\$181,199,746.81			Sum:	\$ 181,199,746.81

Value shown does not include any payables or receiveables, except those related to investments.
 ** Middle of period cash flows are given an additional half period of interest, and beginning of period cash flows are given an additional full period.

7.39%	A STATE OF THE STA
Return Rate:	Total Control of the



Proportionate share of NPL

							Discount 1	Discount Sensitivity	
Employer		Covered payroll*		Proportionate Share of NPL	Proportionate share of NPL as a percentage of covered payroll*	1% Increase (8.75%)	951	1% D (6.	Decrease 6.75%)
City of Lawrence	₩.	65,339,569	\$	198,950,056	304.5%	\$	65,089,142	8	240,768,009
Greater Lawrence Regional Vocational Tech	ы	2,589,380	₩	155,106,8	343,8%	59	7,386,952	1 /9	10,771,576
Lawrence Housing Authority	€4	3,092,508	69	10,145,282	328.1%	64	8,351,153		12,361,016
M. V. R. T. A.	\$	231,972	6 3	734,844	316.8%	14	604,294	₩.	896,072
TOTAL	83	71,253,430	\$	218,731,512	307.0%	154	181,431,541 \$		264.796,672

Total Pension Expense	17,002,175	760,397	900,864	65,551	
Proportion changes and differences between employer contributions and proportionate share recognized as expense	\$	\$ ************************************	64	₩	
Proportionate Share of Pension Expense	17,002,175	760,397	900,864	155'59	18,728,987
Proportion	\$ %87.06	4.06%	4.81%	0.35%	100.00%
Employer	City of Lawrence	Greater Lawrence Regional Vocational Tech	Lawrence Housing Authority	M.V.R.T.A.	TOTAL

itions as itage of payroll**	24.1%	26.9%	25.6%	24.7%	24.3%
Contribu a percer covered					
ribution iciency (cess)	(593,574)		1		(593,574)
a) def	\$ C	\$ (\$	\$ (\$ (
ibutions nade 2015	(16,134,074)	(714,821)	(807,533)	(58,440)	(17,714,868)
Sont P	6 A	\$	63	\$	\$
determined Ibution 2015	15,540,500	714,821	807,533	58,440	17,121,294
Actuarially contr FY	6 9	69	6 9	6 9	t-9
		ocational Tech			
Епрюдег		Regional Vocat	Authority		TOTAL
	City of Lawrence	Greater Lawrence Regional	Lawrence Housing Authority	M. V. R. T. A.	
	÷ 5	Great	Lawr	Σ.	

Payroll amounts are projected for <u>Calendar Year</u> 2014, based on employee data as of 12/31/2013
 For this table payroll is projected for <u>Fiscal Year</u> 2015

Deferred Outflows of Resources and Deferred Inflows of Resources by Employer

Deferred Outflows of Resources

418,622	t 4	8	N/A	418,622	\$	6 4	\$	TOTAL
1,465	(A)	6 5	•••	1,465	5 4	8	8	
20,136	\$ 4	643		20,136	^ }	A :	Α.	יוא אשנייטרוא
00000	•	.				. 1	•	The state of the s
16 996	•	64	10	16,996	49	64	60	preater Lawrence Regional Vocational Tech
380,025	-	ts.	•••	380,025 \$	65 	tA I	64	City of Lawrence
Resources	ment date	or measure	proportionate snard contributions	nvestments		enembe	ליבו ופתיחם	
otal Deferred Outflows of	ontributions T ent to the	an Employer.c is and subsequ	differences betwee employer contribution	cted and actual	ges of proje	dand Chan assun	expecte	Employer
		n and	Changes in proportio	fference between	Net di		1000000000000000000000000000000000000	

Deferred Inflows of Resources

Changes of projected and actual earnings on pension proportions plan investments contributions contributions contributions	, S A/N 1	1 (A)N	√/N 1	V.N. A. C.	. 8 N/A S .	The state of the s
Differences between Chaexpected and Assur	1 45	1	\$A	\$	\$ -	
Employer	City of Lawrence	Greater Lawrence Regional Vocational Tech	Lawrence Housing Authority	M. V. R. T. A.	TOTAL	

Amounts to Be Recognized in Subsequent Years

AMOUNT TO BE RECOGNIZED FOR THE YEAR ENDED DECEMBER 31,	2018 2019 Thereafter	- \$ - \$ 90096	169	5,034 \$ 5,034 \$ - \$	366 \$
OUNT TO BE RECOGNIZED	2017	90,36	₩.	₩.	€4
AM	2016	900'56 \$	4,24	\$ 5,034	36
TO THE TAX OF THE PARTY OF THE	2015	\$ 95,006	\$ 4,249	\$ 5,034	\$ 366
	Employer	City of Lawrence	Greater Lawrence Regional Vocational Tech	Lawrence Housing Authority	M. V. R. T. A.