

GASB68 Actuarial Information for the Measurement Period Ending 06/30/2019



Submitted by:

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October 28, 2019

Mrs. Kimberly Karakiozis Finance Director City of Clarksburg 465 W. Main Street Clarksburg, WV 26301 Lieutenant Gino Gallo
Pension Board Secretary
City of Clarksburg, West Virginia
Firemen's Pension and Relief Fund

Re: City of Clarksburg, West Virginia Firemen's Pension and Relief Fund - GASB68 Actuarial Information for the Measurement Period Ending June 30, 2019

Dear Kimberly,

The following report contains the GASB 67 and GASB 68 actuarial information for the City of Clarksburg Firemen's Pension and Relief Fund to be included in the City's financial statements for FY2019. The GASB67 information has been provided as of the June 30, 2019 (the GASB 68 measurement date for FY2019).

Methodology, Reliance and Certification

This report is prepared for the City. The report contains the actuarial information to be included with the City's financial statements for the year ending June 30, 2019 (the City's fiscal year end date) as required by GASB68. This information has been prepared for use in the financial statements of the City. This information is not intended for, nor should it be used for, any additional purposes.

The total pension liability is based on the July 1, 2018 actuarial valuation rolled forward to June 30, 2019. The methods, assumptions, and participant data used are detailed in the July 1, 2018 actuarial valuation report with the exception of the actuarial cost method. These calculations are based on the Entry Age Normal cost method as required by GASB67. The calculation of the Actuarially Determined Contribution for the fiscal year ended June 30, 2019 is contained in the July 1, 2018 actuarial valuation report.

The included calculations are based on a blended discount rate of 5.00%. The plan's expected gross rate of investment return of 5.0% has been blended with the 3.13% yield corresponding to the 20-year maturity on a municipal general obligation AA bond yield curve published on Fidelity's Fixed Income Market Data webpage as of June 30, 2019. The development of the blended discount rate is included within this report.

The included calculations assume that the members and the City will continue to make all required contributions in accordance with the City's funding policy.

The long-term nominal expected rate of return on pension plan investments was determined using a methodology approved by the Municipal Pensions Oversight Board (MPOB.) The long-term nominal expected rate of return is based on the fund's current funding ratio, liquidity ratio, equity exposure and expected funded status in 15 years.

Mrs. Kimberly Karakiozis October 28, 2019 Page 2

Methodology, Reliance and Certification (cont.)

These calculations and comparisons with assets are applicable for the valuation date only. The future is uncertain, and the plan may become better funded or more poorly funded in the future. This valuation does not provide any guarantee that the plan will be able to provide the promised benefits in the future.

This is a deterministic valuation in that it is based on a single set of assumptions. This set of assumptions is one possible basis for our calculations. Other assumptions may be equally valid. The future is uncertain and the plan's actual experience will differ from those assumptions; these differences may be significant or material because these results are very sensitive to the assumptions made and, in some cases, to the interaction between the assumptions. We may consider that some factors are not material to the valuation of the plan and may not provide a specific assumption for those factors. We may have used other assumptions in the past. We will likely consider changes in assumptions at a future date.

The City is responsible for selecting the plan's funding policy based on four methods allowed for under state law. The actuarial valuation methods are chosen by the actuary in accordance with actuarial standards of practice promulgated by the actuarial standards board of the American Academy of Actuaries and as required by GASB 67 & 68. The MPOB selects the asset valuation methods and assumptions; these slections are reviewed by a qualified actuary no less than every five years. The actuary shall provide a report to the oversight board with recommendations on any changes to the actuarial process. The policies, methods and assumptions used in this valuation are those that have been so prescribed and are described in this report. The City and MPOB are solely responsible for communicating to Bolton Partners, Inc. any changes required thereto.

The City could reasonably ask how the valuation would change if we used a different assumption set or if plan experience exhibited variations from our assumptions. This report does not contain such an analysis. This type of analysis would be a separate assignment.

The cost of this plan is determined by the benefits promised by the plan, the plan's participant population, the investment experience of the plan and many other factors. An actuarial valuation is a budgeting tool for the City or in this case a measure of accounting expense. It does not affect the cost of the plan. As the experience of the plan evolves, it is normal for the level of contributions and expense of the plan to change.

We make every effort to ensure that our calculations are accurately performed. These calculations are complex. Despite our best efforts, we may make a mistake. We reserve the right to correct any potential errors by amending the results of this report or by including the corrections in a future valuation report.

Because modeling all aspects of a situation is not possible or practical, we may use summary information, estimates, or simplifications of calculations to facilitate the modeling of future events in an efficient and cost-effective manner. We may also exclude factors or data that are immaterial in our judgment. Use of such simplifying techniques does not, in our judgment, affect the reasonableness of valuation results for the plan.



Mrs. Kimberly Karakiozis October 28, 2019 Page 3

Methodology, Reliance and Certification (cont.)

This report is based on plan provisions, census data, and asset data submitted by the City. We have relied on this information for purposes of preparing this report, but have not performed an audit. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information. The plan sponsor is solely responsible for the validity and completeness of this information.

The City is solely responsible for selecting the plan's investment policies, asset allocations and individual investments. Bolton Partners, Inc.'s actuaries have not provided any investment advice to the City.

The information in this report was prepared for the internal use of the City, the plan and their auditors in connection with our actuarial valuations of the pension plan as required by GASB68. This report may not be used for any other purpose; Bolton Partners, Inc. is not responsible for the consequences of any unauthorized use or the reliance on this information by any other party.

The calculation of actuarial liabilities for valuation purposes is based on a current estimate of future benefit payments. The calculation includes a computation of the "present value" of those estimated future benefit payments using an assumed discount rate; the higher the discount rate assumption, the lower the estimated liability will be. For purposes of estimating the liabilities (future and accrued) in this report, an assumption based on the expected long-term rate of return on plan investments is used. If the plan is expected to become insolvent, the return assumption is blended with a long-term municipal bond rate. Using a lower discount rate assumption, such as a rate solely based on long-term bond yields, could substantially increase the estimated present value of future and accrued liabilities.

This report provides certain financial calculations for use by the auditor. These values have been computed in accordance with our understanding of generally accepted actuarial principles and practices and fairly reflect the actuarial position of the Plan. The various actuarial assumptions and methods which have been used are, in our opinion, appropriate for the purposes of this report.

The report is conditioned on the assumption of an ongoing plan and is not meant to present the actuarial position of the Plan in the case of Plan termination. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions, changes in economic or demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status), and changes in plan provisions or applicable law.

The undersigned enrolled actuaries meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein. The July 1, 2018 actuarial valuation report contains information that is integral to the results contained herein and a copy may be provided upon request.

Sincerely,

James Ritchie, ASA, EA, FCA, MAAA

Jordan McClane, FSA, EA, MAAA



Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date



Net Pension Liability of the Employer

The components of the net pension liability of the Employer at June 30, 2019, were as follows:

Total pension liability	\$ 35,522,255
Plan fiduciary net position	 (9,953,711)
Employer's net pension liability	\$ 25,568,544
Plan fiduciary net position as a percentage of the total pension liability	28.02%

Actuarial assumptions. The total pension liability was determined by an actuarial valuation as of July 1, 2018 rolled forward to June 30, 2019 using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 2.75 percent

Salary increases Rates vary by years of service

Single discount rate (BOY) 5.0000% Single discount rate (EOY) 5.0000%

Investment rate of return 5.00 percent, net of pension plan investment expense, including inflation

Long-term municpal bond rate (BOY) 3.62% Long-term municpal bond rate (EOY) 3.13%

Mortality RP-2014 Blue Collar Mortality Table with generational projection using Scale MP-2014

Year Fund is projected to be fully funded
Year assets are expected to be depleted #N/A

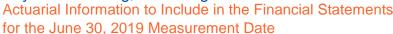
for a closed plan

The above is a summary of key actuarial assumptions. Full descriptions of the actuarial assumptions are available in the July 1, 2018 actuarial valuation report.

Sensitivity of the net pension liability to changes in the discount rate

	1% Decrease 4.00%	Current Discount Rate 5.00%	1	% Increase 6.00%
Employer's net pension liability	\$ 31,107,219	\$ 25,568,544	\$	21,138,050

City of Clarksburg, West Virginia Firemen's Pension and Relief Fund Actuarial Information to Include in the Financial Statements





Changes in the Net Pension Liability

	lı Total Pension Liability (a)	ncrease (Decrease Plan Fiduciary Net Position (b)) Net Pension Liability (a) - (b)
Balances at 6/30/18	\$ 33,550,617	\$ 8,484,043	\$ 25,066,574
Changes for the year:			
Service cost	906,710		906,710
Interest	1,646,488		1,646,488
Changes of benefit terms	-		-
Differences between expected and actual experience	660,159		660,159
Changes of assumptions	-		-
Contributions - employer (including Premium Tax Allocation)		2,034,183	(2,034,183)
Contributions - member		167,038	(167,038)
Net investment income		517,666	(517,666)
Benefit payments, including refunds of member contributions	(1,241,719)	(1,241,719)	-
Administrative expense		-	-
Other		(7,500)	7,500
Net Changes	1,971,638	1,469,668	501,970
Balances at 6/30/19	\$ 35,522,255	\$ 9,953,711	\$ 25,568,544
Return on Investments		5.8%	





Components of Employer's Pension Expense for the Fiscal Year Ended June 30, 2019

Note	Description	Amount
Α	Service Cost	\$ 906,710
В	Interest on the total pension liability	1,646,488
Α	Changes of benefit terms	-
С	Differences between expected and actual experience	(486,755)
С	Changes of assumptions	388,113
Α	Employee contributions	(167,038)
D	Projected earnings on pension plan investments	(448,002)
С	Differences between expected and actual earnings on plan investments	(115,086)
Α	Pension plan administrative expense	-
Α	Other changes in fiduciary net position	7,500
	Total Pension Expense	\$ 1,731,930

Notes:

A Provided in the Changes in Net Pension Liability exhibit.

B Based on the following calculation:

	Α	Amount for Period (a)	Portion of Period (b)	Projected Rate of Return (c)	Projected Earnings (a) x (b) x (c)
Beginning total pension liability	\$	33,550,617	100%	5.00%	\$ 1,677,531
Service Cost (End of Year)		906,710	0%	5.00%	-
Benefit payments, including refunds of employee contributions		(1,241,719)	50%	5.00%	(31,043)
Total interest on the total pension liability					\$ 1,646,488

C Provided in the Schedules of Deferrals.

D Based on the following calculation:

	Į.	Amount for	Portion of	Projected	P	rojected
		Period	Period	Rate of Return	E	arnings
		(a)	(b)	(c)	(a)	x (b) x (c)
Beginning plan fiduciary net position	\$	8,484,043	100%	5.00%	\$	424,202
Employer contributions		2,034,183	50%	5.00%		50,855
Employee contributions		167,038	50%	5.00%		4,176
Benefit payments, including refunds of employee contributions		(1,241,719)	50%	5.00%		(31,043)
Administrative expense and other		(7,500)	50%	5.00%		(188)
Total Projected Earnings					\$	448,002





Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2019, the Employer reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	ed Outflows Resources	erred Inflows Resources
Differences between expected and actual experience	\$ 495,119	\$ 726,059
Changes of assumptions	9,041	589,566
Net difference between projected and actual earnings	-	
on pension plan investments		306,856
Total	\$ 504,160	\$ 1,622,481

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30:	
2020	\$ (1,056,461)
2021	(161,148)
2022	113,220
2023	(13,932)
2024	-
Thereafter	-

Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date

Changes in the Employer's Net Pension Liability and Related Ratios Last 10 Fiscal Years



Total pension liability	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Service cost	\$ 906,710	\$ 911,837	\$ 1,041,846	\$ 739,794	\$ 735,159	\$ 729,815	\$ -	\$ -	\$ -	\$
Interest	1,646,488	1,604,493	1,540,729	1,503,073	1,480,035	1,492,730	-	-	-	
Changes of benefit terms	-	-	-	-	-	-	-	-	-	-
Differences between expected and actual experience	660,159	(1,021,000)	(1,006,489)	(511,633)	(837,150)	-	-	-	-	-
Changes of assumptions	-	-	(2,433,972)	4,020,701	-	-	-	-	-	-
Benefit payments, including refunds of member contributions	 (1,241,719)	(1,199,305)	(1,223,009)	(1,239,292)	(1,250,939)	(1,303,181)	-	-	-	-
Net change in total pension liability	1,971,638	296,025	(2,080,895)	4,512,643	127,105	919,364	-	-	-	-
Total pension liability - beginning	33,550,617	33,254,592	35,335,487	30,822,844	30,695,739	29,776,375	-	-	-	-
Total pension liability - ending (a)	\$ 35,522,255	\$ 33,550,617	\$ 33,254,592	\$ 35,335,487	\$ 30,822,844	\$ 30,695,739	\$ -	\$ -	\$ -	\$
Plan fiduciary net position	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Contributions - employer (including Premium Tax Allocation)	\$ 2,034,183	\$ 2,029,582	\$ 1,790,929	\$ 1,361,271	\$ 1,288,742	\$ 1,210,474	\$ -	\$ -	\$ -	\$
Contributions - member	167,038	155,596	148,321	145,720	140,550	135,019	-	-	-	
Net investment income	517,666	561,109	586,180	315,511	185,060	465,521	-	-	-	
Benefit payments, including refunds of member contributions	(1,241,719)	(1,199,305)	(1,223,009)	(1,239,292)	(1,250,939)	(1,303,181)	-	-	-	
Administrative expense	-	(7,500)	(7,500)	(6,000)	(6,000)	(6,000)	-	-	-	
Other	(7,500)	-	-	-	-	-	-	-	-	-
Net change in plan fiduciary net position	\$ 1,469,668	\$ 1,539,482	\$ 1,294,921	\$ 577,210	\$ 357,413	\$ 501,833	\$ 	\$ -	\$ -	\$
Plan fiduciary net position - beginning	8,484,043	6,944,559	5,649,638	5,072,427	4,715,014	4,213,181	-	-	-	
Plan fiduciary net position - ending (b)	\$ 9,953,711	\$ 8,484,043	\$ 6,944,559	\$ 5,649,637	\$ 5,072,427	\$ 4,715,014	\$ -	\$ -	\$ -	\$
Employer's net pension liability - ending (a)-(b)	\$ 25,568,544	\$ 25,066,574	\$ 26,310,033	\$ 29,685,850	\$ 25,750,417	\$ 25,980,725	\$ -	\$ -	\$ -	\$ -
Plan fiduciary net position as a percentage of the otal pension liability	28.02%	25.29%	20.88%	15.99%	16.46%	15.36%	0.00%	0.00%	0.00%	0.00%
y										
Covered payroll	\$ 1,963,141	\$ 1,912,017	\$ 1,919,071	\$ 1,868,455	\$ 1,826,835	\$ 1,812,838	\$ -	\$ -	\$ -	\$ -
Employer's net pension liability as a percentage of covered payroll	1302.43%	1311.00%	1370.98%	1588.79%	1409.56%	1433.15%	0.00%	0.00%	0.00%	0.009
Expected average remaining service years of all participants	4.00	3.78	3.96	4.01	3.85					-

Notes to Schedule:

Benefit changes: There were no changes for FY2019.

Changes of assumptions: The discount rate changed from 5.0000% to 5.0000%.

Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date

Schedule of Employer Contributions

Last 10 Fiscal Years

B

	2019	2018	2017	2016	2015	2014	2013	2012		2011		2010
Actuarially determined contribution	\$ 2,327,809	\$ 2,026,406	\$ 2,031,009	\$ 2,124,224	\$ 1,697,409	\$ 1,676,866	\$ 1,603,979	\$ -	9	;	-	\$ -
Contributions in relation to the actuarially determined contribution												
Employer provided	1,581,814	1,592,742	1,345,298	936,850	867,454	803,198	743,702	-			-	-
State provided	452,369	436,840	445,631	424,421	421,288	407,276	473,392	-			-	-
Contribution deficiency (excess)	\$ 293,626	\$ (3,176)	\$ 240,080	\$ 762,953	\$ 408,667	\$ 466,392	\$ 386,885	\$ -	\$	6	_	\$ -
Covered payroll	\$ 1,963,141	\$ 1,912,017	\$ 1,919,071	\$ 1,868,455	\$ 1,826,835	\$ 1,812,838	\$ 1,712,139	\$ -	9	3	-	\$ -
Contributions as a percentage of covered employee payroll	103.62%	106.00%	93.00%	73.00%	71.00%	67.00%	71.00%	0.00%	, D	0.	.00%	0.00%

Notes to Schedule

Valuation date:

Actuarially determined contribution amounts are calculated as of the beginning of the fiscal year (July 1) for the year immediately following the fiscal year. Actuarial valuations are performed every year.

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age Normal
Amortization method Level Dollar
Remaining amortization period 32.5 years
Asset valuation method Market Value
Inflation 2.75 percent

Salary increases Rates vary by years of service

Investment rate of return 5.00 percent, net of pension plan investment expense, including inflation

Retirement age Rates vary by age

Mortality RP-2014 Blue Collar Mortality Table with generational projection using Scale MP-2014

Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date



Schedule of Differences between Projected and Actual Earnings on Pension Plan Investments

In conformity with paragraph 33b of Statement 68, the effects of differences between projected and actual earnings on pension plan investments are recognized in pension expense using a systematic and rational method over a closed five-year period, beginning in the current reporting period. The following table illustrates the application of this requirement.

Year	and Actual Earnir on Pension Pla Investments		between Projected and Actual Earning on Pension Plan Investments		Recognition Period (Years)	Increas 2015	se (De	crease) in Pei	nsior	Expense Aris	sing f	from the Recog	gnitio	n of Difference	es bet	ween Project 2020	ed an	d Actual Eari	nings (on Plan Inves 2022	tment	s 2023
2015	\$	55,000	5	\$ 11,000		11,000		11,000		11,000		11,000										
2016		(55,347)	5		\$	(11,069)		(11,069)		(11,069)		(11,069)		(11,071)								
2017		(316,000)	5				\$	(63,200)		(63,200)		(63,200)		(63,200)		(63,200)						
2018		(189,422)	5						\$	(37,884)		(37,884)		(37,884)		(37,884)		(37,886)				
2019		(69,664)	5								\$	(13,933)		(13,933)		(13,933)		(13,933)		(13,932)		
Net increa	se (dec	rease) in pension	expense								\$	(115,086)	\$	(126,088)	\$	(115,017)	\$	(51,819)	\$	(13,932)		

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

					Balan June 3			
Year	tment Earnings than Projected (a)	Investment Earnings Greater Than Projected (b)	Amounts Recognized in Pension Expense Through June 30, 2019 (c)	c	Deferred Outflows of Resources (a) - (c)	Deferred Inflows o Resource (b) - (c)		
2015	\$ 55,000	\$ -	\$ 55,000	\$	-	\$	-	
2016	-	55,347	44,276		-		11,071	
2017	-	316,000	189,600		-		126,400	
2018	-	189,422	75,768		-		113,654	
2019	-	69,664	13,933		-		55,731	
				\$	-	\$	306,856	

Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date



Schedule of Differences between Expected and Actual Experience

In conformity with paragraph 33a of Statement 68, the effects of differences between expected and actual experience are recognized in pension expense, beginning in the current reporting period, using a systematic and rational method over a closed period equal to the average of the remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees), determined as of the beginning of the measurement period. The following table illustrates the application of this requirement.

Year	Differences between Expected and Actual Experience	Recognition Period (Years)	Prior	2014	Increase 2015	(Decrease) in l	Pension Expenso	e Arising from t	he Recognition	of Differences be 2020	etween Expected	i and Actual Ex 2022	perience 2023	2024	Thereafter
Prior	\$ -		\$ -	-	-	-	-	-	-	-	-	-	-	-	
2015	(837,150)	3.852277			\$ (217,313)	(217,313)	(217,313)	(185,211)							
2016	(511,633)	4.009013				\$ (127,621)	(127,621)	(127,621)	(127,621)	(1,149)					
2017	(1,006,489)	3.958952					\$ (254,231)	(254,231)	(254,231)	(243,796)					
2018	(1,021,000)	3.782276						\$ (269,943)	(269,943)	(269,943)	(211,171)				
2019	660,159	4							\$ 165,040	165,040	165,040	165,039			
Net increa	se (decrease) in p	ension expense							\$ (486,755)	\$ (349,848)	\$ (46,131)	\$ 165,039	\$ -	\$ -	\$ -

Deferred Outflows of Resources and Deferred Inflows of Resources Arising from Differences between Expected and Actual Experience

Year		perience _osses (a)		Experience Gains (b)		ounts Recognized in sion Expense Through June 30, 2019 (c)	Ot Re		Deferred Inflows of Resources (b) - (c)		
Prior	\$	(a) -	\$	(D)	\$	(c) -	\$	(a) - (c) -	\$	(D) - (C)	
2015	Ψ	_	Ψ	837,150	Ψ	837,150	Ψ	-	Ψ	_	
2016		-		511.633		510.484				1.149	
2017		-		1,006,489		762,693		-		243,796	
2018		-		1,021,000		539,886		-		481,114	
2019		660,159		-		165,040		495,119		-	
							\$	495,119	\$	726,059	

Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date



Schedule of Changes of Assumptions

In conformity with paragraph 33a of Statement 68, the effects of changes of assumptions should be recognized in pension expense, beginning in the current reporting period, using a systematic and rational method over a closed period equal to the average of the remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees), determined as of the beginning of the measurement period. The following table illustrates the application of this requirement.

			Increase (Decrease) in Pension Expense Arising from the Effects of Changes of Assumptions													
Year	Changes of Assumptions	Recognition Period (Years)	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Thereafter	
Prior	\$ -		\$ -	-	-	-	-	-	-	-	-	-	-	-	-	
2015	-	3.852277			\$ -	-	-	-								
2016	4,020,701	4.009013				\$ 1,002,915	1,002,915	1,002,915	1,002,915	9,041						
2017	(2,433,972)	3.958952					\$ (614,802)	(614,802)	(614,802)	(589,566)						
2018	-	3.782276						\$ -	-	-	-					
2019	-	4							\$ -	-	-	-				
Net increa	se (decrease) in pe	ension expense							\$ 388,113	\$ (580,525)	\$ -	\$ -	\$ -	\$ -	\$ -	

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

Year	Increases in the Total Pension Liability (a) \$ - 4,020,701		Decreases in the Total Pension Liability (b)	Pensio	unts Recognized in on Expense Through June 30, 2019 (c)	Out	Balan June 3 eferred flows of sources n) - (c)	nces at 30, 2019 Deferred Inflows of Resources (b) - (c)		
Prior	\$	-	\$ -	\$	-	\$	-	\$	-	
2015		-	-		-		-		-	
2016	4,0	20,701	-		4,011,660		9,041		-	
2017		-	2,433,972		1,844,406		-		589,566	
2018		-	-		-		-			
2019		-	-		-		-		-	
						\$	9,041	\$	589,566	

City of Clarksburg, West Virginia Firemen's Pension and Relief Fund Actuarial Information to Include in the Financial Statements

for the June 30, 2019 Measurement Date

Projection of Pension Plan's Fiduciary Net Position (Dollar amounts in thousands)



	Gross Normal Cost (BOY)				Employee Contributions (BOY)				Em	ployer No	rmal C	Cost	(BOY)	Expe	nses			(MOY)	E	mployer Cor	ntrib	utions	(MOY) Pre		remium Tax Allocation			(MOY)	
Fiscal Year		irrent mbers	Future Members	Total	Current Members	Futi		Total		Current lembers		uture embers	Total		irrent mbers	uture embers	т	otal		Current Members		Future embers	Total		Current lembers		ture nbers		Total
2019	\$ 8	363,533	\$ -	\$ 863,533	\$ 145,723	\$	-	\$ 145,723	\$	717,810	\$		\$ 717,810	\$	7,706	\$ - \$	5	7,706	\$	1,086,799	\$	-	\$ 1,086,799	\$	446,391	\$	-	\$	446,391
2020	\$ 8	324,920	\$ 104,993	\$ 929,913	\$ 140,716	\$ 2	2,226	\$ 162,942	\$	684,204	\$	82,767	\$ 766,971	\$	8,136	\$ - \$	5	8,136	\$	1,078,064	\$	84,811	\$ 1,162,875	\$	478,835	\$	-	\$	478,835
2021	\$ 7	753,552	\$ 186,162	\$ 939,714	\$ 131,221	\$ 3	9,424	\$ 170,645	\$	622,331	\$	146,738	\$ 769,069	\$	8,268	\$ 264 \$	\$	8,532	\$	1,093,650	\$	150,626	\$ 1,244,276	\$	490,229	\$	-	\$	490,229
2022	\$ 7	707,379	\$ 293,907	\$ 1,001,286	\$ 125,009	\$ 6	2,282	\$ 187,291	\$	582,370	\$	231,625	\$ 813,995	\$	8,401	\$ 631 \$	\$	9,032	\$	1,093,399	\$	237,976	\$ 1,331,375	\$	503,651	\$	-	\$	503,651
2023	\$ 6	679,459	\$ 380,232	\$ 1,059,691	\$ 121,304	\$ 8	0,613	\$ 201,917	\$	558,155	\$	299,619	\$ 857,774	\$	8,438	\$ 933 \$	\$	9,371	\$	1,116,620	\$	307,951	\$ 1,424,571	\$	517,441	\$	-	\$	517,441
2024	\$ 6	647,050	\$ 465,756	\$ 1,112,806	\$ 116,951	\$ 9	3,795	\$ 215,746	\$	530,099	\$	366,961	\$ 897,060	\$	8,570	\$ 1,152 \$	5	9,722	\$	1,147,116	\$	377,175	\$ 1,524,291	\$	531,611	\$	-	\$	531,611
2025	\$ 6	520,196	\$ 549,954	\$ 1,170,150	\$ 113,302	\$ 11	5,712	\$ 230,014	\$	506,894	\$	433,242	\$ 940,136	\$	8,703	\$ 1,382 \$	5	10,085	\$	1,185,668	\$	445,323	\$ 1,630,991	\$	551,914	\$	-	\$	551,914
2026	\$ 6	502,301	\$ 633,882	\$ 1,236,183	\$ 110,873	\$ 13	4,588	\$ 245,461	\$	491,428	\$	499,294	\$ 990,722	\$	8,732	\$ 1,729 \$	\$	10,461	\$	1,231,807	\$	513,353	\$ 1,745,160	\$	567,014	\$	-	\$	567,014
2027	\$ 5	591,451	\$ 714,741	\$ 1,306,192	\$ 109,643	\$ 15	1,822	\$ 261,465	\$	481,808	\$	562,919	\$ 1,044,727	\$	8,864	\$ 1,885 \$	5	10,749	\$	1,288,616	\$	578,705	\$ 1,867,321	\$	582,530	\$	-	\$	582,530
2028	\$ 5	589,603	\$ 792,183	\$ 1,381,786	\$ 109,820	\$ 16	3,335	\$ 278,155	\$	479,783	\$	623,848	\$ 1,103,631	\$	8,997	\$ 2,048 \$	\$	11,045	\$	1,356,731	\$	641,302	\$ 1,998,033	\$	598,473	\$	-	\$	598,473
2029	\$ 5	574,410	\$ 867,009	\$ 1,441,419	\$ 107,842	\$ 18	4,296	\$ 292,138	\$	466,568	\$	682,713	\$ 1,149,281	\$	9,016	\$ 2,333 \$	\$	11,349	\$	1,435,989	\$	701,906	\$ 2,137,895	\$	617,042	\$	-	\$	617,042
2030	\$ 5	542,538	\$ 965,645	\$ 1,508,183	\$ 103,370	\$ 20	5,356	\$ 308,726	\$	439,168	\$	760,289	\$ 1,199,457	\$	9,264	\$ 2,397 \$	5	11,661	\$	1,506,087	\$	781,461	\$ 2,287,548	\$	633,930	\$	-	\$	633,930
2031	\$ 5	509,538	\$ 1,066,879	\$ 1,576,417	\$ 98,331	\$ 22	5,981	\$ 325,312	\$	411,207	\$	839,898	\$ 1,251,105	\$	9,278	\$ 2,817 \$	\$	12,095	\$	1,584,220	\$	863,456	\$ 2,447,676	\$	651,282	\$	-	\$	651,282
2032	\$ 4	455,273	\$ 1,181,140	\$ 1,636,413	\$ 89,596	\$ 25	1,405	\$ 341,001	\$	365,677	\$	929,735	\$ 1,295,412	\$	9,409	\$ 3,019 \$	5	12,428	\$	1,663,299	\$	955,714	\$ 2,619,013	\$	669,111	\$	-	\$	669,111
2033	\$ 4	406,575	\$ 1,310,024	\$ 1,716,599	\$ 81,287	\$ 27	3,973	\$ 360,260	\$	325,288	\$ 1,	,031,051	\$ 1,356,339	\$	9,541	\$ 3,348 \$	5	12,889	\$	1,742,483	\$ 1	1,059,861	\$ 2,802,344	\$	687,430	\$	-	\$	687,430
2034	\$ 3	354,035	\$ 1,440,031	\$ 1,794,066	\$ 72,230	\$ 30	5,791	\$ 379,021	\$	281,805	\$ 1,	133,240	\$ 1,415,045	\$	9,542	\$ 3,701 \$	5	13,243	\$	1,833,582	\$ 1	,164,926	\$ 2,998,508	\$	728,526	\$	-		728,526
2035	\$ 3	307,482	\$ 1,575,897	\$ 1,883,379	\$ 63,982	\$ 33	5,874	\$ 399,856	\$	243,500	\$ 1,	,240,023	\$ 1,483,523	\$	9,670	\$ 4,063 \$	\$	13,733	\$	1,933,696	\$ 1	,274,708	\$ 3,208,404	\$	748,436	\$	-	\$	748,436
2036	\$ 2	249,013	\$ 1,708,024	\$ 1,957,037	\$ 53,042	\$ 36	4,162	\$ 417,204	\$	195,971	\$ 1,	,343,862	\$ 1,539,833	\$	9,798	\$ 4,313 \$	5	14,111	\$	2,051,630	\$ 1	,381,362	\$ 3,432,992	\$	768,893	\$	-	\$	768,893
2037	\$ 1	196,635	\$ 1,859,192	\$ 2,055,827	\$ 42,916	\$ 39	5,548	\$ 439,464	\$	153,719	\$ 1,	462,644	\$ 1,616,363	\$	9,784	\$ 4,715 \$	\$	14,499	\$	2,169,822	\$ 1	,503,479	\$ 3,673,301	\$	789,913	\$	-	\$	789,913
2038				\$ 2,163,883	\$ 35,987	•	,	\$ 463,384	\$	124,713			\$ 1,700,499	\$	9,762	5,136 \$		14,898	\$				\$ 3,930,432	\$	811,511	\$	-		811,511
2039	\$ 1	138,308	\$ 2,141,217	\$ 2,279,525	\$ 31,785	\$ 45	5,968	\$ 488,753	\$	106,523	\$ 1,	684,249	\$ 1,790,772	\$	9,881	\$ 5,286 \$	5	15,167	\$	2,474,434	\$ 1	1,731,128	\$ 4,205,562	\$	843,338	\$	-	\$	843,338
2040		-,		\$ 2,400,015	\$ 28,976			\$ 515,026	\$	94,077		, .	\$ 1,884,989	\$	- ,	5,595 \$		15,440	\$, ,		1,840,734	4,499,951	\$,	\$	-	\$	866,393
2041				\$ 2,515,763	\$ 27,096			\$ 540,241	\$	85,646			\$ 1,975,522	\$	-,	5,758 \$		15,716	\$				\$ 4,814,948	\$,	\$	-	\$	890,082
2042	,	,		\$ 2,614,999	\$ 25,771		.,	\$ 562,039	\$	79,366			\$ 2,052,960	\$	10,069	\$ 6,079 \$		16,148	\$	3,123,583		,	\$ 5,151,994	\$,	\$	-	•	914,423
2043				\$ 2,699,818	\$ 24,902			\$ 580,781	\$				\$ 2,119,037	\$	-,	6,591 \$		16,436	\$				\$ 5,512,634	\$	961,909	\$	-		961,909
2044	,	,		\$ 2,776,122	\$ 21,763		. , .	\$ 597,410	\$	64,136			\$ 2,178,712	\$	9,944	7,105 \$		17,049	\$, , .			\$ 4,243,743	\$	-	\$	-	\$	-
2045				\$ 2,863,102	\$ 17,647			\$ 616,104	\$	50,793		,	\$ 2,246,998	\$	-,	7,653 \$		17,518	\$, ,	\$ 2,320,005	\$	-	\$	-	\$	-
2046	,			\$ 2,958,569	\$ 15,554		,-	\$ 636,871	\$	43,657			\$ 2,321,698	\$	-,	8,215 \$		18,170	\$			2,342,512	2,397,202	\$	-	\$	-	\$	-
2047		- / -		\$ 3,052,159	\$ 12,059			\$ 656,776	\$	33,558			\$ 2,395,383	\$	-,	8,813 \$		18,670	\$, .			\$ 2,473,208	\$	-	\$	-	\$	-
2048	,			\$ 3,156,129	\$ 7,863			\$ 678,669	\$	22,023			\$ 2,477,460	\$		9,437 \$		19,183	\$				\$ 2,557,824	\$	-	\$	-	\$	-
2049				\$ 3,268,313	\$ 5,705			\$ 702,729	\$	15,985			\$ 2,565,584	\$	-,	9,893 \$		19,711	\$				\$ 2,648,653	\$	-	\$	-	\$	-
2050		- ,		\$ 3,388,723	\$ 4,110	•	,	\$ 728,639	\$	11,506			\$ 2,660,084	\$	9,684	\$ 10,758 \$		20,442	\$,			\$ 2,746,217	\$	-	\$	-	\$	-
2051				\$ 3,515,505	\$ 2,916			\$ 755,991	\$	8,145			\$ 2,759,514	\$		\$ 11,468 \$		21,004	\$			2,830,782	2,848,664	\$	-	\$	-	\$	-
2052	\$,		\$ 3,645,704	\$ 2,077		,	\$ 784,146	\$	5,789	· -,	,	\$ 2,861,558	\$	-,	\$ 11,997 \$		21,582	\$				\$ 2,953,806	\$	-	\$	-	\$	-
2053	\$		\$ 3,773,064		\$ 1,447			\$ 812,902	\$	4,027			\$ 2,965,636	\$		\$ 12,765 \$		22,176	\$				\$ 3,061,048	\$	-	\$	-	\$	-
2054	\$			\$ 3,915,871	\$ 713		,	\$ 842,618	\$	1,899			\$ 3,073,253	\$	-, -	13,341 \$		22,786	\$			3,160,542	3,171,933	\$	-	\$	-	\$	-
2055	\$			\$ 4,058,286	\$ 479			\$ 873,493	\$				\$ 3,184,793	\$		14,170 \$		23,413	\$				\$ 3,286,854	\$	-	\$	-	\$	-
2056	\$	1,176		\$ 4,205,570	\$ 321			\$ 905,414	\$	855			\$ 3,300,156	\$	9,260	\$ 14,797 \$		24,057	\$			3,395,574	3,405,710	\$	-	\$	-	\$	-
2057	\$	-		\$ 4,359,532	\$ -			\$ 938,716	\$	-			\$ 3,420,816	\$	- , -	\$ 15,692 \$		24,719	\$				\$ 3,530,012	\$	-	\$	-	\$	-
2058	\$	-	\$ 4,521,996		\$ -			\$ 973,902	\$	-			\$ 3,548,094	\$		\$ 16,374 \$		25,399	\$			3,652,088	\$ 3,661,113	\$	-	\$	-	\$	-
2059	\$	-	\$ 4,690,989	\$ 4,690,989	\$ -	\$ 1,01	J,481	\$ 1,010,481	\$	-	\$ 3,	,680,508	\$ 3,680,508	\$	8,758	\$ 17,339 \$	Þ	26,097	\$	8,759	\$ 3	3,788,737	\$ 3,797,496	\$	-	\$	-	\$	-

City of Clarksburg, West Virginia Firemen's Pension and Relief Fund Actuarial Information to Include in the Financial Statements

for the June 30, 2019 Measurement Date





		Acti	uaria	al Accrued Liability (Bo	OY)		Closed Group Asset Projection											
Fiscal Year	Cu	ırrent Members		Future Members		Total	Fid	uciary Net Position (boy)	Funded Ratio (boy)		Projected EEC Contributions (moy)	Pr	ojected ER Contrib + Premium Tax (moy)	Projected BP (moy)	Projected Admin Expenses (moy)	Projected Investment Earnings		
2019	\$	34,179,340	\$	-	\$	34,179,340	\$	9,953,711	29.12%	\$	149,322	\$	1,533,190 \$	1,361,449	\$ 7,706	\$ 505,424		
2020	\$	35,409,950	\$	-	\$	35,409,950	\$	10,772,492	30.42%	\$	144,191	\$	1,556,899 \$	1,449,283	\$ 8,136	\$ 544,642		
2021	\$	36,561,540	\$	109,598	\$	36,671,138	\$	11,560,805	31.62%	\$	134,462	\$	1,583,879 \$	1,577,610	\$ 8,268	\$ 581,311		
2022	\$	37,564,277	\$	308,387	\$	37,872,664	\$	12,274,579	32.68%	\$	128,096	\$	1,597,050 \$	1,669,150	\$ 8,401	\$ 614,904		
2023	\$	38,474,869	\$	627,847	\$	39,102,716	\$	12,937,078	33.62%	\$	124,300	\$	1,634,061 \$	1,743,053	\$ 8,438	\$ 647,024		
2024	\$	39,325,947	\$	1,050,559	\$	40,376,506	\$	13,590,972	34.56%	\$	119,839	\$	1,678,727 \$	1,823,712	\$ 8,570	\$ 678,716		
2025	\$	40,102,898	\$	1,579,828	\$	41,682,726	\$	14,235,972	35.50%	\$	116,100	\$	1,737,582 \$	1,902,374	\$ 8,703	\$ 710,381		
2026	\$	40,809,895	\$	2,218,757	\$	43,028,652	\$	14,888,958	36.48%	\$	113,611	\$	1,798,821 \$	1,960,317	\$ 8,732	\$ 743,050		
2027	\$	41,474,079	\$	2,971,651	\$	44,445,730	\$	15,575,391	37.55%	\$	112,351	\$	1,871,146 \$	2,007,712	\$ 8,864	\$ 777,953		
2028	\$	42,111,514	\$	3,840,779	\$	45,952,293	\$	16,320,265	38.75%	\$	112,532	\$	1,955,204 \$	2,036,620	\$ 8,997	\$ 816,559		
2029	\$	42,749,258	\$	4,828,641	\$	47,577,899	\$	17,158,943	40.14%	\$	110,505	\$	2,053,031 \$	2,097,816	\$ 9,016	\$ 859,347		
2030	\$	43,340,230	\$	5,938,727	\$	49,278,957	\$	18,074,994	41.70%	\$	105,923	\$	2,140,017 \$	2,167,998	\$ 9,264	\$ 905,446		
2031	\$	43,855,370	\$	7,201,685	\$	51,057,055	\$	19,049,118	43.44%	\$	100,759	\$	2,235,502 \$	2,239,642	\$ 9,278	\$ 954,613		
2032	\$	44,288,203	\$	8,626,662	\$	52,914,865	\$	20,091,071	45.36%	\$	91,809	\$	2,332,410 \$	2,339,060	\$ 9,409	\$ 1,006,424		
2033	\$	44,583,827	\$	10,234,031	\$	54,817,858	\$	21,173,245	47.49%	\$	83,294	\$	2,429,913 \$	2,428,239	\$ 9,541	\$ 1,060,525		
2034	\$	44,751,718	\$	12,046,897	\$	56,798,615	\$	22,309,198	49.85%	\$	74,014	\$	2,562,108 \$	2,529,321	\$ 9,542	\$ 1,117,862		
2035	\$	44,769,258	\$	14,075,189	\$	58,844,447	\$	23,524,318	52.55%	\$	65,562	\$	2,682,132 \$	2,605,156	\$ 9,670	\$ 1,179,497		
2036	\$	44,661,086	\$	16,334,094	\$	60,995,180	\$	24,836,683	55.61%	\$	54,352	\$	2,820,523 \$	2,699,546	\$ 9,798	\$ 1,245,922		
2037	\$	44,389,392	\$	18,829,462	\$	63,218,854	\$	26,248,136	59.13%	\$	43,976	\$	2,959,735 \$	2,786,844	\$ 9,784	\$ 1,317,521		
2038	\$	43,959,663		21,591,076		65,550,739	\$	27,772,740	63.18%	\$	36,876		3,122,107 \$	2,835,377				
2039	\$	43,420,984		24,623,027		68,044,011	\$	29,482,971	67.90%	\$	32,570		3,317,772 \$	2,858,153				
2040	\$	42.808.521		27.931.246		70,739,767	\$	31,451,338	73.47%	\$	29,692		3.525.610 \$	2,865,641				
2041	\$	42,141,744		31,535,662		73,677,406	\$	33,720,509	80.02%	\$	27,765		3,762,725 \$	2,861,515				
2042	\$	41,435,030		35,420,567		76,855,597	\$	36,348,248	87.72%	\$	26,407		4,038,006 \$	2,849,430				
2043	\$	40.697.378		39,534,766		80.232.144	\$	39,400,330	96.81%	\$	25,517		4.373.564 \$	2,830,032				
2044	\$	39.937.354		43,806,401		83,743,755	\$	42,968,055	107.59%	\$	22,300		2,069,842 \$	2,835,830				
2045	\$	39,118,555		48,203,286		87,321,841	\$	44,344,215	113.36%	\$	18,083		61,912 \$	2,832,732				
2046	\$	38,243,658		52,723,393		90,967,051	\$	43,730,601	114.35%	\$	15,938		54,690 \$	2,812,632				
2047	\$	37,335,922		57,361,391		94,697,313	\$	43,097,212	115.43%	\$	12,357		44,245 \$	2,812,308				
2047	\$ \$	36.368.858		62,118,327		98,487,185	\$	42,418,213	116.63%	\$	8,057		32,313 \$	2,801,593				
2048	\$ \$	35.347.903		67,005,885		102,353,788	\$	41,699,725	117.97%	\$	5.846		26.198 \$	2,773,482				
2049	\$ \$	35,347,903		72,027,867		102,353,766	\$	40,965,513	117.97%	\$	5,646 4,211		20,198 \$	2,773,462		*		
2050	\$ \$	33,220,848		77,201,430		110,422,278	\$	40,965,513	121.08%	\$	2,988		17,882 \$	2,698,947				
	э \$																	
2052	\$ \$	32,127,907		82,539,457		114,667,364	\$	39,480,936	122.89%	\$ \$	2,128		15,517 \$	2,654,311				
2053	•	31,022,702		88,046,741		119,069,443	\$	38,743,382	124.89%		1,483		13,537 \$	2,606,128				
2054	\$	29,909,098		93,722,298		123,631,396	\$	38,015,812	127.10%	\$	731		11,391 \$	2,556,912				
2055	\$	28,787,240		99,567,353		128,354,593	\$	37,299,290	129.57%	\$	491		10,548 \$	2,502,239				
2056	\$	27,664,411		105,578,697		133,243,108	\$	36,602,063	132.31%	\$	329		10,136 \$	2,445,397				
2057	\$	26,543,080		111,754,299		138,297,379	\$	35,927,615	135.36%	\$	-	\$	9,027 \$	2,388,178				
2058	\$	25,423,080		118,102,108		143,525,188	\$	35,276,840	138.76%	\$	-	\$	9,025 \$	2,326,923				
2059	\$	24,309,847	\$	124,629,734	\$	148,939,581	\$	34,656,295	142.56%	\$	-	\$	8,759 \$	2,264,259	\$ 8,758	\$ 1,676,899		

City of Clarksburg, West Virginia Firemen's Pension and Relief Fund Actuarial Information to Include in the Financial Statements for the June 30, 2019 Measurement Date



Projection of Pension Plan's Fiduciary Net Position (Dollar amounts in thousands)

cal Year	"Funde	ed" Portion of BP		ed" Portion f BP	PV of	"Funded" BP	PV o	of "Unfunded" BP	PV of BP Using a Single DR				
2019	\$	1,361,449	\$	-	\$	1,328,638	\$	-	\$	1,328,63			
2020	\$	1,449,283	\$	-	\$	1,347,005	\$	-	\$	1,347,00			
2021	\$	1,577,610	\$	-	\$	1,396,453	\$	-	\$	1,396,45			
2022	\$	1,669,150	\$	-	\$	1,407,125	\$	-	\$	1,407,12			
2023	\$	1,743,053	\$	-	\$	1,399,454	\$	-	\$	1,399,4			
2024	\$	1,823,712	\$	-	\$	1,394,489	\$	-	\$	1,394,48			
2025	\$	1,902,374	\$	-	\$	1,385,369	\$	-	\$	1,385,36			
2026	\$	1,960,317	\$	-	\$	1,359,586	\$	-	\$	1,359,58			
2027	\$	2,007,712	\$	-	\$	1,326,149	\$	-	\$	1,326,14			
2028	\$	2,036,620	\$	-	\$	1,281,184	\$	-	\$	1,281,18			
2029	\$	2,097,816	\$	-	\$	1,256,839	\$	_	\$	1,256,83			
2030	\$	2,167,998	\$	-	\$	1,237,035	\$	-	\$	1,237,03			
2031	\$	2,239,642	\$	-	\$	1,217,061	\$	_	\$	1,217,0			
2032	\$	2,339,060	\$	-	\$	1,210,559	\$	_	\$	1,210,5			
2033	\$	2,428,239	\$	-	\$	1,196,869	\$	_	\$	1,196,8			
2034	\$	2,529,321	\$	_	\$	1,187,326	\$	_	\$	1,187,3			
2035	\$	2,605,156	\$	_	\$	1,164,690	\$	_	\$	1,164,6			
2036	\$	2,699,546	\$	_	\$	1,149,418	\$	_	\$	1,149,4			
2037	\$	2,786,844	\$	_	\$	1,130,084	\$	_	\$	1,130,0			
2038	\$	2,835,377	\$	_	\$	1,095,014	\$	_	\$	1,095,0			
2039	\$	2,858,153	\$	_	\$	1,051,247	\$	_	\$	1,051,2			
2040	\$	2,865,641	\$	_	\$	1,003,811	\$	_	\$	1,003,8			
2041	\$	2,861,515	\$	_	\$	954,634	\$	_	\$	954,6			
2042	\$	2,849,430	\$	_	\$	905,335	\$	_	\$	905,3			
2043	\$	2,830,032	\$	_	\$	856,354	\$	_	\$	856,3			
2043	\$		\$	_	\$	817,246	\$	-	\$				
2044	э \$	2,835,830	э \$	-			э \$	-	э \$	817,2			
		2,832,732		-	\$	777,480		-		777,4			
2046	\$	2,812,632	\$	-	\$	735,203	\$	-	\$	735,2			
2047	\$	2,812,308	\$	-	\$	700,113	\$	-	\$	700,1			
2048	\$	2,801,593	\$	-	\$	664,233	\$	-	\$	664,2			
2049	\$	2,773,482	\$	-	\$	626,256	\$	-	\$	626,2			
2050	\$	2,738,817	\$	-	\$	588,979	\$	-	\$	588,9			
2051	\$	2,698,947	\$	-	\$	552,767	\$	-	\$	552,70			
2052	\$	2,654,311	\$	-	\$	517,738	\$	-	\$	517,7			
2053	\$	2,606,128		-	\$	484,133	\$	-	\$	484,1			
2054	\$	2,556,912	\$	-	\$	452,372	\$	-	\$	452,3			
2055	\$	2,502,239	\$	-	\$	421,618	\$	-	\$	421,6			
2056	\$	2,445,397	\$	-	\$	392,420	\$	-	\$	392,4			
2057	\$	2,388,178	\$	-	\$	364,988	\$	-	\$	364,9			
2058	\$	2,326,923	\$	-	\$	338,692	\$	-	\$	338,6			
2059	\$	2,264,259	\$	-	\$	313,877	\$	-	\$	313,8			
#N/A		#N/A	#	N/A		#N/A		#N/A		#N/A			
#N/A		#N/A	#	N/A		#N/A		#N/A		#N/A			
#N/A		#N/A	#	N/A		#N/A		#N/A		#N/A			