

Delaware County & Municipal Employees' Pension Plan

Actuarial Valuation as of June 30, 2014

Produced by Cheiron

June 2015



Table of Contents

Letter of Transmittal i
Forewordii
Section I – Board Summary1
Section II – Assets10
Section III – Liabilities
Section IV – Contributions
Section V – Accounting Statement Information19
Appendix A – Membership Information24
Appendix B – Actuarial Assumptions and Methods
Appendix C – Summary of Plan Provisions



June 10, 2015

Board of Pension Trustees State of Delaware McArdle Building 860 Silver Lake Boulevard, Suite 1 Dover, Delaware 19904

Dear Members of the Board:

At your request, we have conducted the annual actuarial valuation of the Delaware County & Municipal Employees' Pension Plan (Plan) as of June 30, 2014. The results of this valuation are contained in this report. The purpose of the valuation is discussed in the Foreword.

This report contains information on plan assets and liabilities, as well as analyses combining asset and liability performance and projections. It also discloses employer contribution levels and required disclosures under the Governmental Accounting Standards Board (GASB) Statement No. 67.

In completing the valuation and preparing our report, we relied on information, some oral and some written, supplied by staff of the Office of Pensions. This information includes, but is not limited to, the plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

The contribution results of this report are only applicable to the employer contributions for Fiscal Year (FY) 2016 and rely on future Plan experience conforming to the underlying assumptions. To the extent that actual Plan experience deviates from the underlying assumptions, the results would vary accordingly.

To the best of our knowledge, this report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices that are consistent with the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinions contained in this report. This report does not address any contractual or legal issues. We are not attorneys and our firm does not provide any legal services or advice.

This report was prepared for the Delaware County & Municipal Employees' Pension Plan for the purposes described herein and for the use by the Plan auditor in completing an audit related to the matters herein. This valuation report is not intended to benefit any third party, and Cheiron assumes no duty or liability to any such party.

Sincerely,

Cheiron

Fiona E. Liston, FSA Principal Consulting Actuary

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i

FOREWORD

Cheiron has performed the annual actuarial valuation of the Delaware County & Municipal Employees' Pension Plan (Plan) as of June 30, 2014. The purpose of this report is to:

- 1) Measure and disclose, as of the valuation date, the financial condition of the Plan;
- 2) Indicate trends in the financial condition of the Plan;
- 3) **Determine the contribution rate** to be paid by the participating employers for Fiscal Year (FY) 2016; and
- 4) **Provide** accounting statement information.

An actuarial valuation establishes and analyzes plan assets and liabilities on a consistent basis and traces the progress of both from one year to the next. It includes measurement of the plan's investment performance as well as an analysis of liability gains and losses.

Section I presents a summary containing our findings and disclosing important trends experienced by the Plan in recent years.

Section II contains details on various asset measures, together with pertinent performance measurements.

Section III shows similar information on liabilities, measured for actuarial, accounting, and governmental reporting purposes.

Section IV presents the FY 2016 actuarially determined contribution for participating employers.

Section V includes the required disclosures under Governmental Accounting Standards Board (GASB) Statement No. 67 and items recommended by the Government Finance Officers Association (GFOA).

The appendices to this report contain a summary of the Plan's membership at the valuation date, a summary of the major provisions of the Plan, and a summary of the actuarial methods and assumptions used in the valuation.

The actuarial assumptions reflect our understanding of the likely future experience of the Plan, and the assumptions individually and as a whole represent our best estimate for the future experience of the Plan. The results of this report are dependent upon future experience conforming to these assumptions. To the extent that future experience deviates from the actuarial assumptions, the true cost of the Plan would vary from our results.



SECTION I BOARD SUMMARY

General Comments

The actuarially determined contribution (ADC) rate decreased from 6.48% for FY 2015 to 6.21% for FY 2016.

During the year ended June 30, 2014, the Plan's assets earned 17.0% on a market value basis. However, due to the Plan's asset smoothing method, which recognizes only a portion of the investment gains and losses, the return on an actuarial value basis was 11.9%. This return was greater than the assumed investment rate of return of 7.5% for last year, resulting in an actuarial gain on investments of \$1.27 million. Note that this comparison will be made against the revised 7.2% assumption next year due to the investment rate of return assumption change.

The Plan experienced an actuarial gain on plan liabilities resulting from salary increases different from those assumed and members retiring, terminating, becoming disabled, and dying at rates different from the actuarial assumptions. This liability gain decreased the actuarial liability by \$0.70 million, 2.1% of the total actuarial liability. This type of relatively small gain or loss is normal in the course of plan experience, as we cannot predict exactly how people will behave.

This valuation reflects changes in both liability and asset measurements due to a reduction in the assumed investment rate of return from 7.5% to 7.2%. This assumption change, combined with offsetting adjustments to inflation assumptions, increased the actuarial liability measurement by \$1.03 million. As a partial offset to this liability impact, an additional 30% of the remaining balance of past investment gains was included in the measurement of the actuarial value of assets at the June 30, 2014 valuation. This additional amount represents \$0.69 million of the total \$1.27 million investment gain reported above.

This valuation report also contains information to be reported in the June 30, 2014 Comprehensive Annual Financial Report (CAFR) of the Delaware Public Employees' Retirement System (Delaware PERS) under the new GASB Statement No. 67 as well as additional disclosure information recommended by the Government Finance Officers Association (GFOA). The GASB disclosures are based on the use of updated procedures to roll forward the 2013 actuarial valuation liability results. The 2013 liability results, used as the starting point for this roll forward, include the changes in the investment rate of return and inflation assumptions, first included for funding in this 2014 report, and as such are higher than the funding numbers provided in the 2013 valuation report. The calculation of net pension liability in Section V is shown as disclosed for the plan year June 30, 2014, based on the 2013 actuarial valuation liability results. We also present a projection of the June 30, 2015 disclosure in Section V, assuming all actuarial assumptions are met over the coming year, which is based on the 2014 actuarial valuation liability results.

As of the June 30, 2014 actuarial valuation, the Plan's unfunded actuarial liability (UAL) was \$544,500. This is a decrease from the \$1,820,000 UAL in the funding valuation for the prior year.

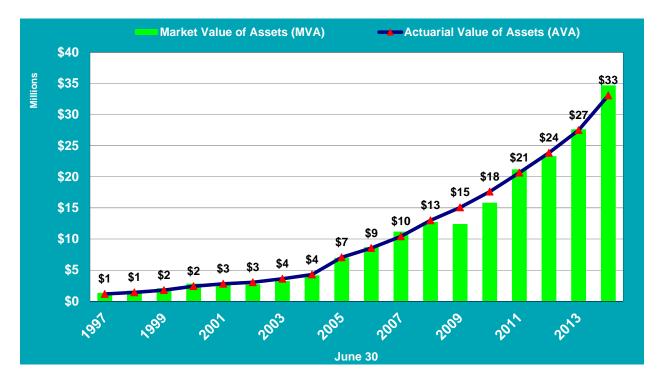


SECTION I BOARD SUMMARY

Trends

Growth in Assets

The graph below shows measurements of the Plan's assets over the last 18 years based on both market values and actuarial values. The green bars represent the market value measurements, while the blue line shows the actuarial value measurements. The black numbers are the actuarial value of asset measurements as of the valuation date for each year, in millions of dollars.



The market value of assets (MVA) returned 17.0% over the last year. The determination of the Plan's actuarial value of assets (AVA) for the current year reflects a portion of the return above the 7.5% assumed for the year, continued recognition of prior years' gains and losses, and an additional 30% of the remaining unrecognized investment gains recognized as a partial offset of the assumption changes.

Over the period July 1, 1997 to June 30, 2014, the Plan's assets returned approximately 8.6% per year measured on an actuarial value basis, compared to the current valuation assumption of 7.2%.



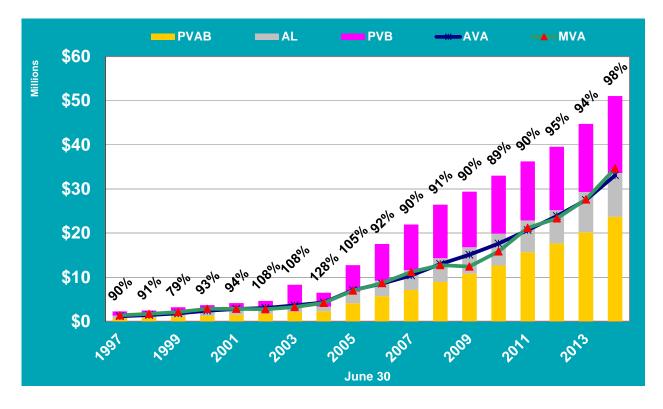
SECTION I BOARD SUMMARY

Assets and Liabilities

The three colored bars below represent the three different measures of liability discussed in this report. The first measure is given by the yellow bars, the present value of accrued benefits (PVAB). The PVAB values represent the value of all benefits earned by current members through the valuation date. These values do not reflect any future additional service or salary increases for current members.

The second liability measure is the one currently used for the Plan's funding target, the actuarial liability (AL). These target amounts are represented by the top of the gray bars. The funded ratios reported by the Plan are the percentages shown above the bars and are developed by comparing these target measurements of liability to the actuarial value of assets at each valuation date. This measurement is also the basis of the liability measure used in GASB 67.

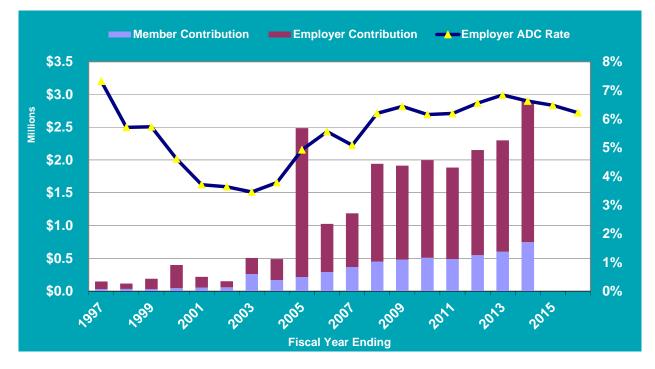
The amount represented by the top of the pink bars, the present value of future benefits (PVB), is the amount needed to provide all benefits for the current members and their beneficiaries, including reflection of assumed future service and pay increases. If the Plan had assets equal to the PVB as of a certain date, no additional contributions would, in theory, be needed for the current members if all assumptions were exactly met from that point forward.





SECTION I BOARD SUMMARY

Contribution Rates



The stacked bars in the graph above show the contributions made by the participating employers and the members for each fiscal year, and are read using the left-hand scale. The blue line shows the employer actuarially determined contribution (ADC) rate for each fiscal year as a percentage of payroll (right-hand scale).

The member contribution rate is set by State law, based on the Plan in which the member participates. The participating employer contribution rate is set by the actuarial process. Please note that there is a lag in the participating employer contribution rates shown. For example, the value shown for the Fiscal Year 2014 is the rate prepared by the June 30, 2012 valuation and implemented for the period July 1, 2013 to June 30, 2014.

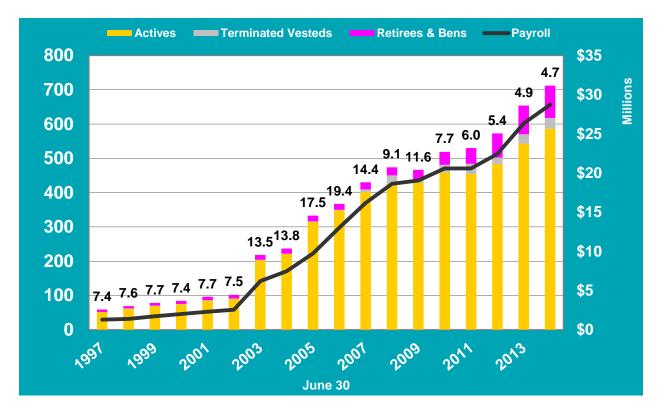


SECTION I BOARD SUMMARY

Participant Trends

The bars below show the number of members as of each valuation date, divided between active members, terminated vested members, and retirees/beneficiaries. These bars are read using the left-hand scale. Since this is a relatively young pension plan, there are still far more active members than inactive members. The numbers that appear above each bar represent the ratio of active members to inactive members (retirees, beneficiaries, and terminated vested members) at each valuation date. The active-to-inactive ratio has decreased from 7.4 actives to each inactive in 1997 to 4.7 actives for each inactive in 2014.

The black line shows the covered payroll for the Plan as of each valuation date and is read using the right-hand scale.

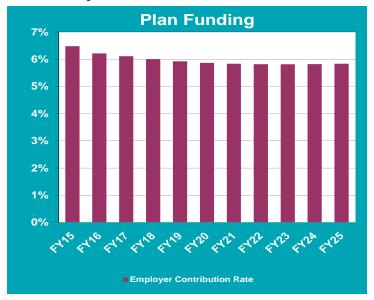




SECTION I BOARD SUMMARY

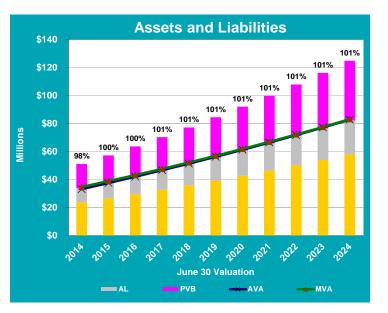
Future Outlook

Baseline Projections



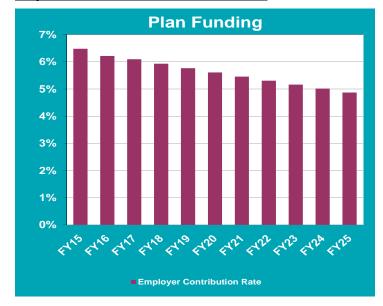
These graphs show the expected progress of the Plan over the next ten years, assuming the Plan's assets earn 7.2% on a *market value* basis and assuming all assumptions are exactly met, including that the ADC amounts are made in full. The chart entitled "Plan Funding" shows a decrease in the employer ADC rate from 6.48% in FY 2016, determined by the current valuation, to 5.84% at the end of this period, absent further gains or losses.

The "Assets and Liabilities" graph shows the projected funded ratios of the Plan over the next ten years. The Plan's funded status is projected to improve as the existing unfunded liability is paid off.





SECTION I BOARD SUMMARY



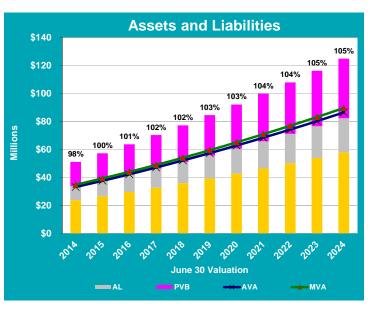
Projections with Asset Returns of 8.2%

The Plan's investment earnings will affect the future funding status of the Plan. These two graphs show what the next ten years would be expected to look like if the Plan's investment performance is 8.2% each year, 1.0% higher than the valuation investment rate of return assumption.

These two graphs assume all other assumptions are exactly met, including participating employer contributions equal to the full actuarially determined amounts.

The "Plan Funding" graph shows that the employer ADC rate under this scenario decreases even more than the baseline scenario, dropping below 5.00% of payroll at the end of the projected period.

The "Assets and Liabilities" graph shows that the Plan would reach a 105% funded ratio by 2024 under this scenario, an improvement over the baseline scenario's 101%.





SECTION I BOARD SUMMARY

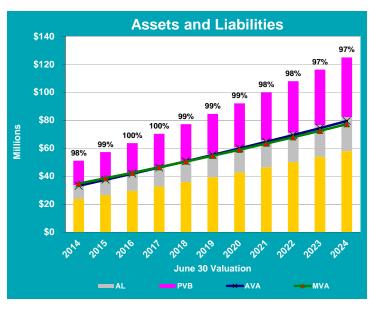
Plan Funding

Projections with Asset Returns of 6.2%

The graphs on this page show projections of the Plan's funding status assuming the Plan's investment performance is 6.2% each year of the projection, 1.0% lower than the valuation investment rate of return assumption. While the current remaining unrecognized gains would cushion the new annual losses for a period, eventually the new losses would result in the funded ratio dropping and the required contributions increasing compared to the baseline scenario. This effect demonstrates the importance of investment earnings on the Plan's future funding needs.

Note that these projections assume all other assumptions are exactly met, including payment of participating employer contributions equal to the full actuarially determined contribution.

Under this scenario, the employer ADC rate increases to approximately 6.75% of payroll, compared to 5.84% in the baseline, and the funded ratio as of 2024 decreases to 97%, compared to 101% in the baseline scenario.





SECTION I BOARD SUMMARY

Table I-1 Summary of Principal Plan Results							
Valuation as of:		June 30, 2013		June 30, 2014	% Change		
Member Counts							
Active Members		543		586	7.92%		
Disabled Members		5		6	20.00%		
Retirees and Beneficiaries		65		71	9.23%		
Terminated Vested Members		27		32	18.52%		
Terminated Non-Vested Members		14		17	21.43%		
Total		654		712	8.87%		
Covered Payroll of Active Members*	\$	26,331,700	\$	28,716,200	9.06%		
Annual Benefit Payments for Retirees, Disabled Members, and Beneficiaries	\$	511,800	\$	619,200	20.98%		
Assets and Liabilities							
Actuarial Liability (AL)	\$	29,312,300	\$	33,621,100	14.70%		
Actuarial Value of Assets (AVA)		27,492,300		33,076,600	20.31%		
Unfunded AL (UAL)	\$	1,820,000	\$	544,500	(70.08%)		
Funded Ratio		93.8%		98.4%			
Present Value of Accrued Benefits (PVAB)	\$	20,169,000	\$	23,674,900	17.38%		
Market Value of Assets (MVA)		27,631,400		34,687,900	25.54%		
Unfunded PVAB	\$	(7,462,400)	\$	(11,013,000)	(47.58%)		
Accrued Benefit Funded Ratio		137.0%		146.5%			
Employer Contribution Rate	F	Fiscal Year 2015	F	iscal Year 2016			
Entry Age Normal Cost		5.37%		5.68%			
UAL Amortization Payment		0.81%		0.23%			
Administrative Expense		0.30%		0.30%			
Actuarially Determined Contribution (ADC)		6.48%		6.21%			

* Assumes one year of payroll increase projection, representing payroll beginning on each valuation date.



SECTION II ASSETS

Pension plan assets play a key role in the financial operation of the plan and in the decisions that the Trustees may make with respect to future deployment of those assets. The level of assets, the allocation of assets among asset classes, and the methodology used to measure assets will likely affect benefit levels, employer actuarially determined contributions, and the ultimate security of members' benefits.

In this section, we present detailed information on the Plan's assets including:

- **Disclosure** of the Plan's assets at June 30, 2013 and June 30, 2014;
- Statement of the **changes** in market values during the year;
- Development of the actuarial value of assets;
- An assessment of investment performance; and
- A projection of the Plan's expected **cash flows** for the next ten years.

Market Value of Assets Disclosure

The market values of assets represent "snap-shot" or "cash-out" values that provide the principal basis for measuring financial performance from one year to the next. However, market values can fluctuate widely with swings in the marketplace, and as such are usually not suitable for budgeting and long-range planning.

Table			
Changes in Marke	et Values o	of Assets	
Market Value of Assets – June 30, 2013			\$ 27,631,400
Additions			
Member Contributions	\$	747,700	
Employer Contributions		2,146,100	
Investment Returns		4,881,700	
Total Additions	\$	7,775,500	
Deductions			
Benefit Payments	\$	658,900	
Administrative Expenses		60,100	
Total Deductions	\$	719,000	
Market Value of Assets – June 30, 2014			\$ 34,687,900

Table II-1 below shows the market values as of June 30, 2013 and June 30, 2014, along with the changes between the two.

SECTION II ASSETS

Actuarial Value of Assets

The actuarial value of assets represents a "smoothed" value developed by the actuary to reduce, or eliminate, erratic results that could develop from short-term fluctuations in the market value of assets. The actuarial value for this plan equals the expected actuarial value of assets, developed from the immediately prior valuation, plus 20% of the difference between the actual market value of assets and that expected actuarial value of assets at the valuation date. For this June 30, 2014 valuation, the actuarial value of assets also recognizes an additional 30% of past deferred gains to partially offset the increases in liability and normal cost resulting from the reduction of the investment rate of return assumption from 7.50% to 7.20%. The table below illustrates the calculation of the actuarial value of assets as of June 30, 2014.

	Table II-2	
1.	Development of Actuarial Value of Assets Actuarial Value of Assets at June 30, 2013	\$ 27,492,300
2.	Amount in (1) with interest to June 30, 2014 at 7.50% per year	\$ 29,554,200
3.	Employer and member contributions for the Plan Year ended June 30, 2014	2,893,800
4.	Interest on contributions assuming payments made uniformly throughout the year to June 30, 2014 at 7.50% per year	108,500
5.	Disbursements from Trust except investment expenses, July 1, 2013 through June 30, 2014	719,000
6.	Interest on disbursements to June 30, 2014 at 7.50% per year	 26,900
7.	Expected Actuarial Value of Assets at June 30, 2014 = $(2) + (3) + (4) - (5) - (6)$	\$ 31,810,600
8.	Actual Market Value of Assets at June 30, 2014	\$ 34,687,900
9.	Excess of (8) over (7)	2,877,300
10.	Additional 30% Recognition of Past Deferred Gains = 30% of 80% of (9)	 690,500
11.	Actuarial Value of Assets at June 30, 2014 = $(7) + 20\%$ of $(9) + (10)$	\$ 33,076,600



SECTION II ASSETS

Investment Performance

The market value of assets (MVA) returned 17.0% during 2014, which is greater than the assumed 7.5% investment rate of return. The actuarial value of assets (AVA) returned 11.9% over this same year, including reflecting the additional 30% recognized due to the assumption changes adopted and the standard asset smoothing method being utilized by the Plan for the measurement of the actuarial value of assets. Since only 20% of the gain or loss from the performance of the Plan is typically recognized in a given year under the asset smoothing method, in periods of very good performance, the AVA can lag significantly behind the MVA, and in a period of negative returns, the AVA does not decline as rapidly as the MVA.

Table II-3 Cash Flow Projections							
Year Beginning July 1,	Expected Benefit Payments	Expected Contributions*					
2014	\$ 847,000	\$ 2,642,000					
2015	1,046,000	2,644,000					
2016	1,226,000	2,723,000					
2017	1,400,000	2,805,000					
2018	1,611,000	2,889,000					
2019	1,863,000	2,976,000					
2020	2,139,000	3,065,000					
2021	2,426,000	3,157,000					
2022	2,696,000	3,252,000					
2023	2,963,000	3,349,000					

Projection of Cash Flows

Expected contributions include participating employer contributions and member contributions. For illustration purposes, we have assumed the employer contribution rate will remain level from FYE 2016 and that payroll will increase at the actuarially assumed rate of 3.00% per year.

Expected benefit payments are projected for the closed group valued at June 30, 2014. Projecting any farther than ten years using a closed group would not yield reliable projections due to the omission of new hires in the benefit payments, compounded by their inclusion in the expected contributions.



SECTION III LIABILITIES

In this section, we present detailed information on the Plan's liabilities including:

- Disclosure of the Plan's liabilities at June 30, 2013 and June 30, 2014; and
- Statement of **changes** in these liabilities during the year.

Disclosure

Three liability measurements are calculated and presented in this report. Each type is distinguished by the purpose, or purposes, for which they are used.

- **Present Value of Benefits (PVB):** Used for analyzing the financial outlook of plans, this represents the amount of money needed today to pay off fully all future benefits and expenses of a plan, assuming current members continue to accrue benefits and there are no new entrants.
- Actuarial Liability (AL): Used for funding calculations and GASB disclosures, this liability is calculated by taking the present value of benefits (PVB) and subtracting the present value of future member contributions (PVFEEC) and the present value of future employer normal costs (PVFNC) under an acceptable actuarial funding method. This Plan uses the Entry Age Normal funding method.
- **Present Value of Accrued Benefits (PVAB):** Used for communicating the current level of liabilities, this liability represents the total amount of money needed today to pay off fully the current accrued obligations of a plan, assuming no future accruals of benefits. These liabilities are also required for some accounting purposes (Topic No. 960) and are sometimes used as part of assessing whether a plan can meet its current benefit commitments.

The following table discloses each of these liabilities for the current and immediately prior valuations. With respect to each disclosure, a subtraction of an appropriate value of plan assets yields, for each respective type, either a net surplus or an unfunded amount.



SECTION III LIABILITIES

Table III-1							
Liabilities and Net (Su	-						
× ·	▲ ⁄	une 30, 2013		une 30, 2014			
Present Value of Benefits		· · · · · · · · · · · · · · · · · · ·		·			
Active Member Benefits	\$	39,260,500	\$	44,271,500			
Retiree, Beneficiary, Disabled, and Terminated							
Members Benefits		5,463,800		6,758,800			
Present Value of Benefits (PVB)	\$	44,724,300	\$	51,030,300			
Market Value of Assets (MVA)	\$	27,631,400	\$	34,687,900			
Future Member Contributions		5,421,700		5,880,500			
Future Employer Contributions		11,671,200		10,461,900			
Total Resources	\$	44,724,300	\$	51,030,300			
Actuarial Liability							
Present Value of Benefits (PVB)	\$	44,724,300	\$	51,030,300			
Present Value of Future Employer Normal Costs							
(PVFNC)		9,990,300		11,528,700			
Present Value of Future Member Contributions							
(PVFEEC)		5,421,700		5,880,500			
Actuarial Liability (AL=PVB-PVFNC-							
PVFEEC)	\$	29,312,300	\$	33,621,100			
Actuarial Value of Assets (AVA)		27,492,300		33,076,600			
Net (Surplus)/Unfunded AL (AL – AVA)	\$	1,820,000	\$	544,500			
Present Value of Accrued Benefits							
Present Value of Benefits (PVB)	\$	44,724,300	\$	51,030,300			
Present Value of Future Benefit Accruals							
(PVFBA)		24,555,300		27,355,400			
Present Value of Accrued Benefits							
(PVAB=PVB-PVFBA)	\$	20,169,000	\$	23,674,900			
Market Value of Assets (MVA)	\$	27,631,400	\$	34,687,900			
Net (Surplus)/Unfunded PVAB (PVAB –							
MVA)	\$	(7,462,400)	\$	(11,013,000)			



SECTION III LIABILITIES

Changes in Liabilities

Each of the liabilities disclosed in the prior table are expected to change at each valuation. The components of that change, depending upon which liability is analyzed, can include:

- New entrants since the last valuation
- Benefits accrued since the last valuation
- Plan amendments increasing benefits
- Passage of time which adds interest to the prior liability
- Benefits paid to retirees since the last valuation
- Participants retiring, terminating, or dying at rates different than expected
- A change in actuarial assumptions
- A change in actuarial methods

Unfunded liabilities (or surpluses) will change because of all of the above as well as due to changes in plan assets resulting from:

- Employer contributions different than expected
- Investment earnings different than expected
- A change in the method used to measure plan assets

In each valuation, we report on those elements of change that are of particular significance, potentially affecting the long-term financial outlook of the Plan. Below we present key changes in liabilities since the last valuation.

Table III-2 Liability Changes									
	Present Value of Benefits	Actuarial Liability	Present Value of Accrued Benefits						
Liabilities June 30, 2013	\$ 44,724,300	\$ 29,312,300	\$ 20,169,000						
Liabilities June 30, 2014	51,030,300	33,621,100	23,674,900						
Liability Increase	6,306,000	4,308,800	3,505,900						
(Decrease)									
Change Due to:									
Assumption Changes	1,718,600	1,034,500	946,700						
Actuarial (Gain)/Loss	NC*	(439,000)	NC*						
Benefits Accumulated									
and Other Sources	4,587,400	3,713,300	2,559,200						

* NC = not calculated



SECTION III LIABILITIES

Table III-3 below provides additional information about the liability measurements for funding purposes as of both the current and the immediately prior valuations.

	Table III-3							
	Actuarial Liabilities for Funding							
		Ju	ine 30, 2013	Ju	ne 30, 2014			
1.	Actuarial Liabilities							
	Retiree, Beneficiary, Disabled, and Terminated	\$	5,463,800	\$	6,758,800			
	Members Benefits							
	Active Members		23,848,500		26,862,300			
	Total Actuarial Liability	\$	29,312,300	\$	33,621,100			
2.	Actuarial Value of Assets	\$	27,492,300	\$	33,076,600			
3.	Unfunded Actuarial Liability (UAL)	\$	1,820,000	\$	544,500			
4.	Allocation of UAL Unpaid UAL from Participating Municipalities	\$	89,800	\$	0			
5.	Net Base for 10-Year UAL Amortization (3-4)	\$	1,730,200	\$	544,500			



SECTION IV CONTRIBUTIONS

In the process of evaluating the financial condition of any pension plan, the actuary analyzes the assets and liabilities to determine what level, if any, of contributions are needed to properly maintain the funding status of the plan. Typically, the actuarial process will use a funding technique that will result in a pattern of contributions that are both fairly stable and predictable.

For this Plan, the funding method employed is the **Entry Age Normal actuarial** funding method. Under this method, there are three components to the total contribution: the **normal cost contribution**, the **unfunded actuarial liability contribution** (UAL contribution), and the **administrative expense contribution**.

The normal cost contribution rate is determined in the following steps. First, for each active member an individual normal cost rate is determined by taking the value, as of entry age into the Plan, of that member's projected future benefits and dividing it by the value, also at entry age, of the member's expected future salary. Then, this total normal cost rate is reduced by the member contribution rate to produce the employer normal cost rate for each member. The employer normal cost rate times payroll for each active member equals the employer normal cost. The sum of the employer normal cost amounts for all active members is then divided by the covered payroll to produce the employer normal cost contribution rate.

The actuarial liability is that portion of the present value of projected benefits that will not be paid by future employer normal cost contributions or member contributions. The difference between this liability and the funds accumulated as of the same date is referred to as the unfunded actuarial liability (UAL).

The UAL contribution rate is calculated by amortizing this UAL, after subtracting payments due from municipalities paying for prior service, over an open 10-year period. All payments are determined assuming total pay increases by the annual inflation rate of 3.00% (3.25% for 2013 results).

The assumed administrative expense rate is 0.30% of payroll. This rate, when applied to payroll, is intended to provide an allowance above the cost of funding the benefits to pay for the expense of operating the Plan.

The table below presents and compares the employer contribution rates for the Plan for this valuation and the immediately prior one.

Table IV-1Employer Contribution Rate								
June 30, 2013 June 30, 2014								
Entry Age Normal Cost Rate	5.37%	5.68%						
UAL Amortization Payment	0.81%	0.23%						
Administrative Expense	0.30%	0.30%						
Actuarially Determined Contribution	6.48%	6.21%						



SECTION IV CONTRIBUTIONS

Table IV-2 below provides additional detail about the development of the contribution rate for participating employers as well as the expected dollar amounts these rates will result in for FY 2016.

Table IV-2Expected FY 2016Employer Contributions								
]	In Dollars	As % of Payroll					
1. Present Value of Projected Benefits Attributable to:								
a. Total Normal Cost	\$	2,416,100	8.41%					
b. Expected Members Contribution		784,000	<u>2.73%</u>					
c. Employer Paid Normal Cost (a) – (b)	\$	1,632,100	5.68%					
2. Amortization of Unfunded Liability		67,200	0.23%					
3. Allowance for Administrative Expense		86,100	<u>0.30%</u>					
 Total Employer Actuarially Determined Contribution Rate (1) + (2) + (3) 	\$	1,785,400	6.21%					



SECTION V ACCOUNTING STATEMENT INFORMATION

ASC Topic No. 960 of the Financial Accounting Standards Board (FASB) requires plans subject to it to disclose certain information regarding its funded status. Statement No. 67 of the Governmental Accounting Standards Board (GASB) establishes standards for disclosure of pension information by public employee retirement systems (PERS) and governmental employers in notes to financial statements and supplementary information.

Disclosures based on FASB ASC Topic No. 960 provide a quasi "snap shot" view of how the Plan's assets compare to its liabilities if contributions stopped and accrued benefit claims had to be satisfied. However, due to potential legal requirements and the possibility that alternative interest rates would have to be used to determine the liabilities, these values may not be a good indication of the amount of money it would take to buy the benefits for all members if the Plan were to terminate.

FASB ASC Topic No. 960 specifies that a comparison of the present value of accrued (accumulated) benefits with the market value of the assets as of the valuation date must be provided. The relevant amounts as of June 30, 2013 and June 30, 2014 are exhibited in Table V-1, which also includes a reconciliation of liabilities determined as of the prior valuation, July 1, 2013, to the liabilities as of June 30, 2014.

This valuation contains information reported in the June 30, 2014 Comprehensive Annual Financial Report (CAFR) of Delaware PERS under the new GASB Statement No. 67. Disclosures are based on the use of updated procedures to roll forward the 2013 valuation results. The 2013 starting point is higher than the funding numbers from 2013, because it includes the reduction in the assumed investment return, which was first effective for funding purposes in the 2014 valuation. The calculation of Net Pension Liability in Table V-2 shows the amounts disclosed for the plan year June 30, 2014, based on the updated 2013 liability valuation, as well as a projection of the anticipated June 30, 2015 disclosures, based on 2014 liability valuations, assuming all actuarial assumptions are met over the coming year.

Tables V-3 through V-5 are exhibits to be used for the State's CAFR. Table V-3 is the Note to Required Supplementary Information, Table V-4 is a history of gains and losses in accrued liability, and Table V-5 is the Solvency Test, which shows the portion of accrued liability covered by assets. This valuation does not contain any information reported based on the new GASB Statement No. 68 that will be effective for plan sponsors beginning in their Fiscal Year 2015 CAFR.



SECTION V ACCOUNTING STATEMENT INFORMATION

Table V-1 Accounting Statement Disclosure and									
Reconciliation of Present Value of Accrued Benefits June 30, 2013 June 30, 2014									
FASB ASC Topic No. 960 Basis 1. Present Value of Accrued Benefits		;		<u> </u>					
a. Members Currently Receiving Paymentsb. Former Vested Membersc. Active Members	\$	4,872,200 591,600 14,705,200	\$	6,076,000 682,800 16,916,100					
 Total Present Value of Accrued Benefits (1 (a) + 1(b) + 1(c)) 	\$	20,169,000	\$	23,674,900					
3. Assets at Market Value		27,631,400		34,687,900					
 Unfunded Present Value of Accrued Benefits (2-3) 	\$	(7,462,400)	\$	(11,013,000)					
 Ratio of Assets to Present Value of Benefits (3 / 2) 		137.0%		146.5%					
Reconciliation of Present Value of Accrued Benefits									
Actuarial Present Value of Accrued Benefits at June 30, 2	2013		\$	20,169,000					
Increase (Decrease) During Years Attributable to: Passage of Time Benefit Paid – FY 2014 Assumption Change Benefits Accrued, Other Gains/Losses Net Increase (Decrease)				$1,488,000 \\ (658,900) \\ 946,700 \\ \underline{1,730,100} \\ 3,505,900$					
Actuarial Present Value of Accrued Benefits at June 30, 2	2014		\$	23,674,900					



SECTION V ACCOUNTING STATEMENT INFORMATION

Table V-2						
GASB No. 67 I	Disclosu	res	F	stimated		
	June 30, 2014		June 30, 2015			
Total Pension Liability	0.00					
Service cost	\$	2,207,000	\$	2,415,000		
Interest		2,235,000		2,476,000		
Changes in benefit terms		260,000		0		
Differences between expected and actual						
experience		0		(699,000)		
Changes in assumptions		0		0		
Benefit payments, including refunds of member						
contributions		(659,000)		(847,000)		
Net change in Total Pension Liability	\$	4,043,000	\$	3,345,000		
Total Pension Liability - beginning	\$	30,277,000	\$	34,320,000		
Total Pension Liability - ending (a)	\$	34,320,000	\$	37,665,000		
Plan Fiduciary Net Position						
Contributions - Employer	\$	2,049,000	\$	1,859,000		
Contributions - Non-employer		0		0		
Contributions - Member		748,000		783,000		
Net investment income		4,882,000		2,558,000		
Benefit payments, including refunds of member						
contributions		(659,000)		(847,000)		
Administrative expenses		(60,000)		(86,000)		
Net change in Plan Fiduciary Net Position	\$	6,960,000	\$	4,267,000		
Plan Fiduciary Net Position - beginning ¹	\$	27,728,000	\$	34,688,000		
Plan Fiduciary Net Position - ending (b)	\$	34,688,000	\$	38,955,000		
Plan Net Pension Liability (Asset) - ending						
[(a)-(b)]	\$	(368,000)	\$	(1,290,000)		

¹ Does not agree with market value of assets disclosed elsewhere in this report due to treatment of receivable employer contributions.

 2 The June 30, 2014 column differs slightly from the GASB 67 results in the June 30, 2014 Delaware PERS financial statements due to treatment of a prior service purchase. The June 30, 2014 results shown here are in agreement with those provided to participating municipalities.

Items printed in red will be replaced with actual amounts once known at the end of FY 2015.



SECTION V ACCOUNTING STATEMENT INFORMATION

Table V-3Note to Required Supplementary Information

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the date indicated. Additional information as of the latest actuarial valuation follows:

Valuation date	July 1, 2014
Actuarial cost method	Entry age
Amortization method	Percentage of pay - open
Amortization period	Ten years
Asset valuation method	5-Year smoothed market
Actuarial assumptions: Investment rate of return* Projected salary increases* Cost-of-living adjustments	7.2% 3.5%-11.5% ad hoc
*Includes inflation at	3.00%

The actuarial assumptions used have been recommended by the actuary and adopted by the Plan's Board of Trustees based on the most recent review of the Plan's experience completed in 2011. The Board of Trustees further modified the investment rate of return and inflation assumptions for the 2014 Plan Year.

The rate of employer contributions to the Plan is composed of the normal cost, amortization of the unfunded actuarial liability and an allowance for administrative expenses. The normal cost is a level percent of payroll cost that, along with member contributions, will pay for projected benefits at retirement for each active member. The actuarial liability is that portion of the present value of projected benefits that will not be paid by future employer normal costs or member contributions. The difference between this liability and the funds accumulated as of the same date is the unfunded actuarial liability. The allowance for administrative expenses is based upon the Plan's actual administrative expenses.



SECTION V ACCOUNTING STATEMENT INFORMATION

Gain and Lo Resulting from Diffe	oss in	Accrued	f Fin Liab		- ing Y	ears End			ence		
Type of Activity		2009			(or l		ear e	ending Jun			2014
Investment Income on Actuarial Assets Combined Liability Experience	\$	(667) <u>17</u>	\$	(440) (383)	\$	129 323	\$	(137) 776	\$	35 539	\$ 576 699
(Loss)/Gain During Year from Financial Experience Non-Recurring Items	(823) 0	\$	452 (402)	\$	639 0	\$	574 (1,265)	\$ 1,275 (603)			
Composite Gain (or Loss) During Year	\$	(650)	\$	(823)	\$	50	\$	639	\$	(691)	\$ 672

Table V-5
Solvency Test
Aggregate Accrued Liabilities for

(expressed in thousands)

Valuation Date June 30,	Active Member Contributions	Retirees & Beneficiaries	Active Member Employer Financed Contributions	Actuarial Value of Reported Assets		Accrued Lia	
	(1)	(2)	(3)		(1)	(2)	(3)
2014	\$ 4,423	\$ 6,076	\$ 23,122	\$ 33,077	100%	100%	98%
2013	3,886	4,872	20,554	27,492	100	100	91
2012	3,423	3,887	17,879	23,851	100	100	93
2011	3,098	3,096	16,665	20,664	100	100	87
2010	2,653	2,637	14,537	17,596	100	100	85
2009	2,172	2,091	12,524	15,074	100	100	86



APPENDIX A MEMBERSHIP INFORMATION

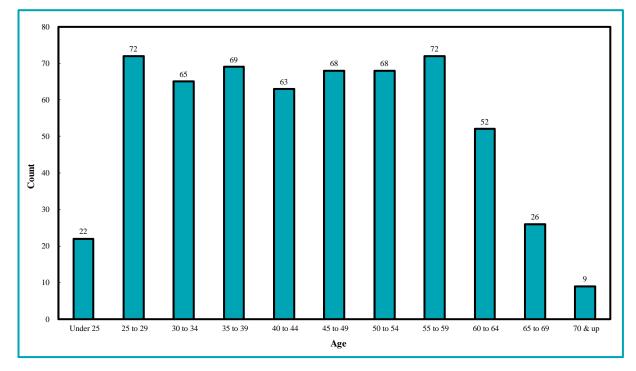
Delaware County and Municipal Pension Plan Distribution of Active Members by Age and Service as of June 30, 2014

					COUNTS BY A	AGE/SEK VICI	<u>م</u>				
					Ser	vice					
Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	13	9	0	0	0	0	0	0	0	0	22
25 to 29	16	43	12	1	0	0	0	0	0	0	72
30 to 34	14	23	22	6	0	0	0	0	0	0	65
35 to 39	7	33	10	16	3	0	0	0	0	0	69
40 to 44	7	16	20	13	3	4	0	0	0	0	63
45 to 49	6	25	13	15	5	2	2	0	0	0	68
50 to 54	3	22	18	14	4	4	0	3	0	0	68
55 to 59	6	21	19	12	5	6	0	1	2	0	72
60 to 64	4	19	10	11	3	3	1	0	1	0	52
65 to 69	0	8	6	6	2	3	1	0	0	0	26
70 & up	0	5	0	2	1	1	0	0	0	0	9
Total	76	224	130	96	26	23	4	4	3	0	586

COUNTS BY AGE/SERVICE

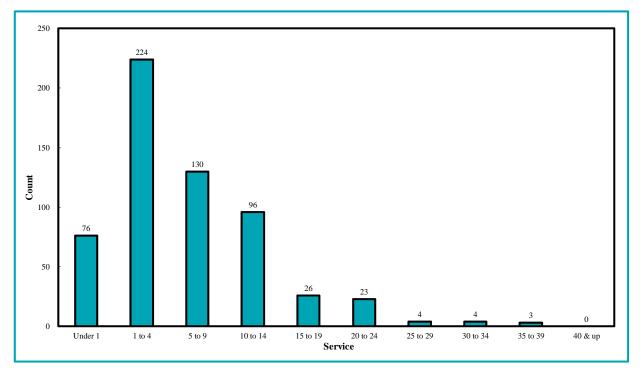


APPENDIX A MEMBERSHIP INFORMATION



Delaware County and Municipal Pension Plan Distribution of Active Members by Age as of June 30, 2014

Delaware County and Municipal Pension Plan Distribution of Active Members by Service as of June 30, 2014





APPENDIX A MEMBERSHIP INFORMATION

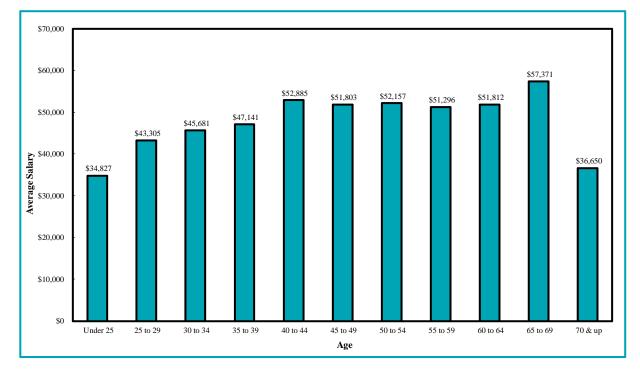
Delaware County and Municipal Pension Plan Salary Distribution of Active Members by Age and Service as of June 30, 2014

						Ser	vic	e					
Age	τ	J nder 1	1 to 4	5 to 9	10 to 14	15 to 19		20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	\$	33,397	\$ 36,893	\$ 0	\$ 0	\$ 0	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 34,827
25 to 29	\$	39,682	\$ 44,440	\$ 44,963	\$ 32,581	\$ 0	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 43,305
30 to 34	\$	48,929	\$ 42,237	\$ 44,059	\$ 57,250	\$ 0	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 45,681
35 to 39	\$	49,922	\$ 43,910	\$ 45,192	\$ 51,276	\$ 60,626	\$	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 47,141
40 to 44	\$	69,266	\$ 50,924	\$ 42,332	\$ 54,382	\$ 77,221	\$	61,717	\$ 0	\$ 0	\$ 0	\$ 0	\$ 52,885
45 to 49	\$	43,055	\$ 51,193	\$ 51,354	\$ 51,026	\$ 54,949	\$	63,734	\$ 74,631	\$ 0	\$ 0	\$ 0	\$ 51,803
50 to 54	\$	33,159	\$ 50,047	\$ 44,655	\$ 53,918	\$ 57,330	\$	82,768	\$ 0	\$ 75,705	\$ 0	\$ 0	\$ 52,157
55 to 59	\$	49,405	\$ 53,048	\$ 43,958	\$ 48,030	\$ 51,944	\$	64,428	\$ 0	\$ 81,186	\$ 71,926	\$ 0	\$ 51,296
60 to 64	\$	34,740	\$ 54,708	\$ 45,125	\$ 50,380	\$ 62,642	\$	58,375	\$ 50,777	\$ 0	\$ 96,554	\$ 0	\$ 51,812
65 to 69	\$	0	\$ 45,803	\$ 45,148	\$ 41,656	\$ 105,439	\$	114,328	\$ 50,532	\$ 0	\$ 0	\$ 0	\$ 57,371
70 & up	\$	0	\$ 31,114	\$ 0	\$ 33,711	\$ 43,649	\$	63,205	\$ 0	\$ 0	\$ 0	\$ 0	\$ 36,650
Total	\$	44,495	\$ 47,029	\$ 44,893	\$ 50,746	\$ 62,299	\$	72,752	\$ 62,643	\$ 77,075	\$ 80,135	\$ 0	\$ 49,004

AVERAGE SALARY BY AGE/SERVICE

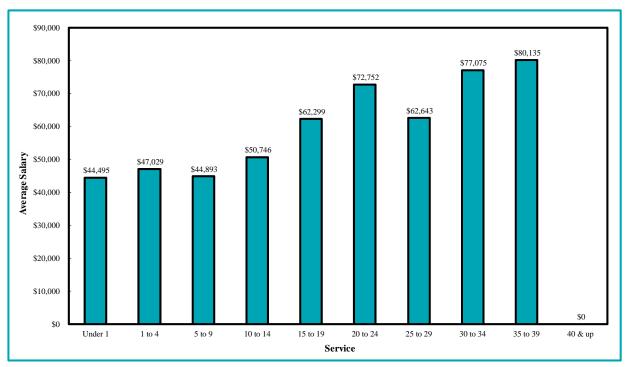


APPENDIX A MEMBERSHIP INFORMATION



Delaware County and Municipal Pension Plan Salary Distribution of Active Members by Age as of June 30, 2014

Delaware County and Municipal Pension Plan Salary Distribution of Active Members by Service as of June 30, 2014





APPENDIX A MEMBERSHIP INFORMATION

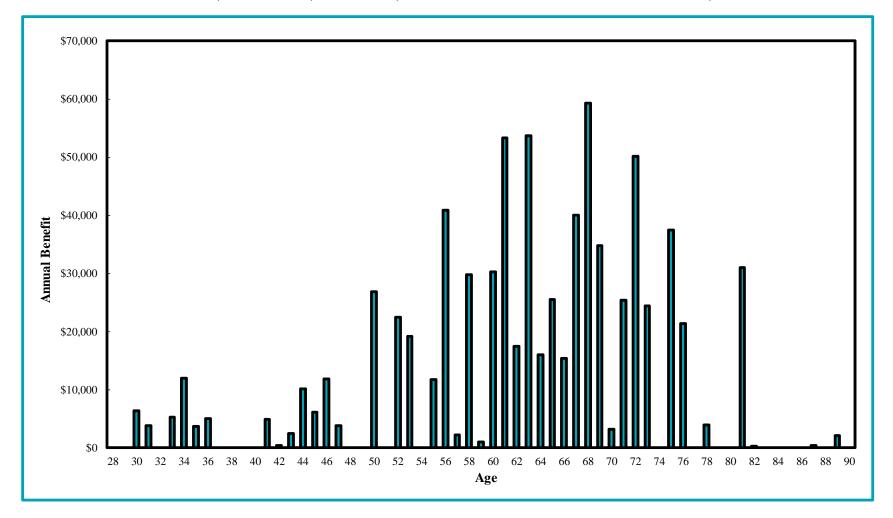
Delaware County and Municipal Pension Plan Annual Benefit Distribution of Retired Members, Survivors, Disabled, and Vested Members as of June 30, 2014

Age	Count	Annual Benefit	Age	Count	Annual Benefit
<25	0	\$0	73	4	\$24,383
25	0	\$0	74	0	\$0
26	0	\$0	75	5	\$37,456
27	0	\$0	76	2	\$21,414
28	0	\$0 \$0	77	0	\$0
29 20	0	\$0 \$6 401	78	1	\$3,899
30 31	1	\$6,401 \$2,704	79 80	0 0	\$0 \$0
31	0	\$3,794 \$0	80	3	\$31,053
33	1	\$5,277	82	1	\$31,055
34	2	\$11,988	83	0	\$0
35	1	\$3,747	84	0	\$0 \$0
36	1	\$5,045	85	0	\$0 \$0
37	0	\$0	86	0	\$0 \$0
38	0	\$0 \$0	87	1	\$436
39	0	\$0	88	0	\$0
40	0	\$0 \$0	89	1	\$2,180
41	1	\$4,927	90	0	\$0
42	1	\$460	91	0	\$0
43	1	\$2,520	92	0	\$0
44	3	\$10,144	93	0	\$0
45	1	\$6,168	94	0	\$0
46	3	\$11,823	95	0	\$0
47	1	\$3,780	96	0	\$0
48	0	\$0	97	0	\$0
49	0	\$0	98	0	\$0
50	3	\$26,853	99	0	\$0
51	0	\$0	100	0	\$0
52	4	\$22,418	101	0	\$0
53	2	\$19,209	102	0	\$0
54	0	\$0	103	0	\$0
55	4	\$11,763	104	0	\$0
56	2	\$40,833	105	0	\$0
57	2	\$2,233	106	0	\$0
58	3	\$29,779	107	0	\$0
59	1	\$991	108	0	\$0
60	3	\$30,258	109	0	\$0
61	3	\$53,357	110	0	\$0
62	2	\$17,434	111	0	\$0
63	5	\$53,655	112	0	\$0
64	2	\$16,065	113	0	\$0
65	4	\$25,579	114	0	\$0
66	3	\$15,448	115	0	\$0
67	7	\$40,006	116	0	\$0
68	6	\$59,261	117	0	\$0
69	6	\$34,796	118	0	\$0
70	1	\$3,252	119	0	\$0 \$0
71	4	\$25,450	120	0	\$0
72	6	\$50,171	Totals	109	\$776,014



APPENDIX A MEMBERSHIP INFORMATION

Delaware County and Municipal Pension Plan Annual Benefit Distribution of Retired Members, Survivors, Disabled, and Vested Members as of June 30, 2014



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

A. Long-Term Assumptions Used to Determine Plan Costs and Liabilities

1. Demographic Assumptions

a. Healthy Active and Inactive Mortality

Mortality Improvements Projected to 2015 (Projection Scale AA)Male:RP-2000 Combined Mortality TableFemale:RP-2000 Combined Mortality Table

Rates of	Rates of Healthy Active and Inactive Mortality Rates (With Projection Scale AA)							
Age	Male	Female						
20	0.03%	0.02%						
25	0.03	0.02						
30	0.04	0.02						
35	0.07	0.04						
40	0.10	0.06						
45	0.12	0.09						
50	0.16	0.13						
55	0.27	0.24						
60	0.53	0.47						
65	1.03	0.90						
70	1.77	1.55						
75	3.06	2.49						
80	5.54	4.13						
85	9.97	7.08						
90	17.27	12.59						



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

b. Disabled Inactive Mortality

2011 PBGC Disabled Mortality Tables, 50% Social Security Disabled / 50% Non-Social Security Disabled.

Rates of	Rates of Disabled Inactive Mortality								
Age	Age Male Female								
40	1.97%	1.06%							
45	2.22	1.24							
50	2.51	1.47							
55	2.88	1.79							
60	3.33	2.21							
65	3.91	2.77							
70	4.78	3.38							
75	6.39	4.54							
80	8.93	6.46							

c. Rates of Active Disability

Rates of Ac	Rates of Active Disability						
Age	Current						
20	0.05%						
25	0.05						
30	0.18						
35	0.27						
40	0.38						
45	0.46						
50	0.62						
55	0.95						
60	1.57						



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

d. Termination of Employment (Prior to Normal Retirement Eligibility)

4-year Select (age- and service based) & Ultimate (age-based) Tables

Age			Service		
Select:	0	1	2	3	Ultimate
<55	25.00%	25.00%	25.00%	15.00%	4.50%
55+	12.50%	12.50%	12.50%	12.50%	0.00%

e. Retirement

Early Retirement: Normal Retirement: Ultimate (age-based)

1-year Select & Ultimate (age-based) upon attaining the earliest of:

- i. age 62 with five years of credited service
- ii. age 60 with 15 years of credited service
- iii. 30 years of credited service

Male Early Retirement									
Age Rate									
<41	0.00%								
42 - 52	10.00								
53 – 59	5.00								
60+	0.00								

Male Normal Retirement				
Age	Select	Ultimate		
< 45	10.00%	0.00%		
45 - 46	10.00	7.50		
47 – 49	10.00	10.00		
50 - 51	20.00	10.00		
52	20.00	15.00		
53	20.00	14.00		
54	20.00	13.00		
55	20.00	20.00		
56 – 59	20.00	15.00		
60 - 61	20.00	20.00		
62	20.00	25.00		
63	20.00	20.00		
64	15.00	20.00		
65	15.00	25.00		
66 – 69	15.00	20.00		
70	15.00	17.00		
71	15.00	25.00		
72 – 79	15.00	17.00		
80	100.00	100.00		



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

Female Early Retirement		
Age	Rate	
<41	0.00%	
42 - 59	10.00	

Female Normal Retirement					
Age	Select	Ultimate			
<45	10.00%	0.00%			
45 - 49	10.00	6.00			
50 - 51	20.00	6.00			
52 - 53	20.00	8.00			
54	20.00	11.00			
55	20.00	15.00			
56	20.00	11.00			
57 - 58	20.00	15.00			
59 – 61	20.00	20.00			
62	20.00	25.00			
63	20.00	20.00			
64	30.00	20.00			
65	28.00	20.00			
66	26.00	20.00			
67 – 69	15.00	20.00			
70	15.00	21.00			
71 – 79	15.00	20.00			
80+	100.00	100.00			



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

f. Merit/Seniority Salary Increase (in addition to across-the-board increase)

30-year Service-based tables include an annual inflation rate of 3.00%.

Service	Increase
0	11.48%
1	9.48
2	7.49
3	5.99
4	5.74
5	5.74
10	4.50
15	4.50
20	3.75
30	3.50

g. Family Composition

Female spouses are assumed to be three years younger than males. 70% are assumed married for both male and female employees. Actual marital characteristics are used for pensioners.

2. Economic Assumptions

a.	Investment Rate of Return:	7.20%
b.	General Wage Increase Rate:	3.00%
c.	Annual Cost-of-Living Increase Rate	
	for Retirees:	0.00%
d.	Total Payroll Increase Rate	
	(for Amortization):	3.00%
e.	Administrative Expenses as a	
	Percentage of Covered Payroll:	0.30%

3. Changes Since Last Valuation

Based upon adoption by the Board of Pension Trustees, the following assumptions were changed:

Investment Rate of Return was reduced from 7.5% to 7.2%. General Wage Increase Rate was reduced from 3.25% to 3.00%. Total Payroll Increase Rate (for Amortization) was reduced from 3.25% to 3.00%.



APPENDIX B ACTUARIAL ASSUMPTIONS AND METHODS

B. Actuarial Methods

1. Funding Method

The Entry Age Normal funding method is used to determine costs. Under this funding method, a normal cost rate is determined as a level percent of pay for each active member. The normal cost rate times payroll equals the normal cost for each active member. The normal cost plus member contributions will pay for projected benefits at retirement for each active plan participant.

The actuarial liability is that portion of the present value of projected benefits that will not be paid by future employer normal costs or member contributions. The difference between this liability and funds accumulated as of the same date is referred to as the unfunded actuarial liability.

The portion of the actuarial liability in excess of plan assets is amortized to develop an additional cost or savings that is added to each year's employer normal cost. Under this cost method, actuarial gains and losses are directly reflected in the size of the unfunded actuarial liability.

The portion of unfunded liability, after subtracting payments due from municipalities paying for prior service, is amortized over a rolling ten-year period. All payments are determined assuming total payroll increases by the annual inflation rate.

2. Actuarial Value of Assets

For purposes of determining the employer contribution rate to the Plan, we use an actuarial value of assets. The asset smoothing method dampens the volatility in asset values that could occur because of fluctuations in market conditions. Use of an asset smoothing method is consistent with the long-term nature of the actuarial valuation process.

The actuarial value of assets is a weighted average giving 20% weight to the current market value and 80% weight to the prior year's actuarial value increased by expected interest and contributions and decreased by benefit payments and expenses. This is mathematically equivalent to recognizing 100% of the actuarially assumed interest rate, plus contributions, less payment each year, and 20% of the portion of each year's returns that have not already been reflected in asset values.

In the 2014 valuation there was an additional recognition of 30% of the remaining balance of past investment gains.

3. Changes Since Last Valuation

There was an additional recognition of 30% of the past investment gains in the asset smoothing method.



APPENDIX C SUMMARY OF PLAN PROVISIONS

1. Membership

The Plan covers full-time or regular part-time employees and elected or appointed officials of a county or municipality including state governmental subdivisions.

2. Member Contributions

3% of compensation which exceeds \$6,000 per annum.

Interest is credited at the rate of 5% per year.

Member contributions are made through an "employer pick-up" arrangement which results in deferral of taxes on the contributions.

3. Credited Service

All service as a member plus certain claimed and purchased service.

4. Final Average Compensation

Final Average Compensation is the average over the highest 60 consecutive months (or shorter period of total service).

5. Normal Retirement

Eligibility: (i) Age 62 with five years of credited service, or (ii) age 60 with 15 years credited service, or (iii) any age with 30 years of credited service.

Benefit: 1 2/3% of final average compensation for each year of credited service.

6. Early Retirement

Eligibility: Age 55 with 15 years of credited service.

Benefit: Normal retirement benefit reduced by 0.4% for each month the member is under age 60 at the time of retirement.

7. Disability Benefit

Eligibility: Five years of credited service

Benefit: Normal retirement benefit



APPENDIX C SUMMARY OF PLAN PROVISIONS

8. Survivor's Benefit

Eligibility: Death while active with five years of credited service.

Benefit: For eligible survivors of employees who die in active service: 50% of normal retirement benefit employee would have been eligible to receive at age 62.

Eligible survivors include: (1) widow or widower, (2) child or children under age 18, or between 18 and 22 and attending school on a full-time basis, or over 18 and permanently disabled before 18, or (3) dependent parent or parents.

9. Vesting

Eligibility: Five years of credited service

Benefit: Normal retirement benefit payable at age 62 based on final average compensation and service at date of termination. In lieu of a pension, a member may receive a refund of accumulated employee contributions with interest. Upon application for a refund of contributions, a member's vested right to a monthly benefit shall be forfeited.

10. Withdrawal of Employee Contributions

- Eligibility: Terminates service and is not eligible for other benefits.
- Benefit: Accumulated employee contributions with interest.

11. Form of Payment

The normal form of payment is a 50% joint and survivor annuity.

As an alternative to the normal form, a member may elect one of the following optional forms of payment upon service retirement or disability:

- 66 2/3% joint and survivor form with a 2% reduction in benefits;
- 75% joint and survivor form with a 3% reduction in benefits; or
- 100% joint and survivor form with a 6% reduction in benefits.

The 66 2/3% and 100% options are only available for retirement on or after January 1, 2015.



APPENDIX C SUMMARY OF PLAN PROVISIONS

12. Cost-of-Living Adjustment

Cost-of-living adjustments are made only on an ad hoc basis.

13. Changes Since Last Valuation

Two additional optional payment forms, a 66 2/3% joint and survivor form and a 100% joint and survivor form, were added effective for retirements on or after January 1, 2015.

