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**GASB STATEMENT NO. 68 REPORT**

**FOR THE**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**

**PREPARED AS OF JUNE 30, 2015**



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# Cavanaugh Macdonald

CONSULTING, LLC

*The experience and dedication you deserve*

June 15, 2016

State of Connecticut  
State Employees' Retirement Commission  
55 Elm Street  
Hartford, CT 06106

## Members of the Commission:

Presented in this report is information to assist the Connecticut Municipal Employees' Retirement System in meeting the requirements of the Governmental Accounting Standards Board (GASB) Statement No. 68 and to identify the information to be provided by the actuary, Cavanaugh Macdonald Consulting (CMC). The information is presented for the period ending June 30, 2015 (the Measurement Date).

GASB Statement No. 68 establishes accounting and financial reporting requirements for governmental employers who provide pension benefits to their employees through a trust.

The annual actuarial valuation used as a basis for much of the information presented in this report, including the Net Pension Liability, was performed as of June 30, 2014. The valuation was based upon data, furnished by the Retirement System staff, for active, inactive and retired members along with pertinent financial information. The total pension liability was calculated as of the June 30, 2015 measurement date using a standard roll-forward technique.

The actuarial calculations were performed by qualified actuaries according to generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the System, and on actuarial assumptions that are internally consistent and individually reasonable based on the actual experience of the System. In addition, the calculations were completed in compliance with the laws governing the System and, in our opinion, meet the requirements of GASB 68. The undersigned are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

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June 15, 2016  
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These results are only for financial reporting and may not be appropriate for funding purposes or other types of analysis. Calculations for purposes other than satisfying the requirements of GASB 67 and GASB 68 may produce significantly different results. Future actuarial results may differ significantly from the current results presented in this report due to such factors as changes in plan experience or changes in economic or demographic assumptions.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'John J. Garrett'.

John J. Garrett ASA, FCA, MAAA  
Principal and Consulting Actuary

A handwritten signature in blue ink, appearing to read 'Edward J. Koebel'.

Edward J. Koebel, FCA, EA, MAAA  
Principal and Consulting Actuary



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**REPORT OF THE ANNUAL GASB STATEMENT NO. 68  
REQUIRED INFORMATION FOR THE  
EMPLOYERS PARTICIPATING IN THE  
CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**

**PREPARED AS OF JUNE 30, 2014**

**SECTION I – INTRODUCTION**

The Governmental Accounting Standards Board issued Statement No. 68 (GASB 68), *“Accounting and Financial Reporting For Pensions”* in June 2012. GASB 68’s effective date is for an employer’s fiscal year beginning after June 15, 2014. The Connecticut Municipal Employees’ Retirement System (System) is a cost-sharing multiple employer defined benefit pension plan.

This report, prepared as of June 30, 2015 (the Measurement Date), presents information to assist the employers participating in the System in meeting the requirements of GASB 68 for the fiscal year ending June 30, 2016 (Reporting Date). Much of the material provided in this report is based on the data, assumptions and results of the annual actuarial valuation of the System as of June 30, 2014. The results of that valuation were detailed in a report dated December 12, 2014.

GASB 68 replaced GASB 27, and represents a significant departure from the requirements of the prior statement. GASB 27 required employers providing benefits through pension plans to report items consistent with the results of the plan’s actuarial valuations, as long as those valuations met certain parameters. GASB 68 creates disclosure and reporting requirements that may or may not be consistent with the basis used for funding the Plan.

Two major changes in GASB 68 are the requirements to include a proportionate share of a Net Pension Liability (NPL) and to recognize a proportionate share of a Pension Expense (PE) in the financial statements of each of the participating employers and non-employer contributing entities.

The NPL shown in the GASB Statement No. 67 Report for the Connecticut Municipal Employees’ Retirement System prepared as of June 30, 2015, is the collective NPL used for purposes of GASB 68. Please refer to that report for the derivation of the collective NPL.

Pension Expense includes amounts for service cost (the normal cost under the Entry Age Normal actuarial cost method for the year), interest on the Total Pension Liability (TPL), changes in benefit structure, amortization of increases/decreases in liability due to actuarial experience and actuarial assumption changes, and amortization of investment gains/losses. The actuarial experience and



assumption change impacts are amortized over the average expected remaining service life of the Plan membership as of the Measurement Date (4.89 years), and investment gains/losses are amortized over five years.

Section II of this report is a summary of the principal results of the collective amounts under GASB 68. Section III provides the results of all the necessary calculations, presented in the order laid out in GASB 68 for note disclosure. The unamortized portions of each year's experience, assumption changes and investment gains/losses are used to develop deferred inflows and outflows, which also must be included in the employer's financial statements. The development of the collective deferred inflows and outflows is shown in Section III. The development of the collective PE is shown in Section IV and Section V shows the Required Supplementary Information (RSI).

Schedule A of this report shows the proportionate share percentage for the year ending June 30, 2015 for each participating employer. Based on these proportionate share percentages, we have determined the proportionate share amounts of the June 30, 2015 NPL, PE and Deferred Inflows and Outflows for each participating employer. These amounts are shown in Schedule B. Schedule C provides the allocated measures of NPL sensitivity to discount rates and the recognition of deferred amounts.



**SECTION II - SUMMARY OF COLLECTIVE AMOUNTS**  
**(\$ IN THOUSANDS)**

	2015
<b>Valuation Date (VD):</b>	June 30, 2014
<b>Measurement Date (MD):</b>	June 30, 2015
<b>Reporting Date (RD):</b>	June 30, 2016
 <b>Single Equivalent Interest Rate (SEIR):</b>	
Long-Term Expected Rate of Return	8.00%
Municipal Bond Index Rate at Measurement Date	3.82%
Fiscal Year in which Plan's Fiduciary Net Position is projected to be depleted from future benefit payments for current members	N/A
Single Equivalent Interest Rate	8.00%
 <b>Collective Net Pension Liability:</b>	
Total Pension Liability (TPL)	\$ 2,647,916
Fiduciary Net Position (FNP)	<u>2,316,086</u>
Net Pension Liability (NPL = TPL – FNP)	\$ 331,830
FNP as a percentage of TPL	87.47%
 <b>Collective Pension Expense (PE):</b>	\$59,647
 <b>Collective Deferred Outflows of Resources:</b>	\$29,662
 <b>Collective Deferred Inflows of Resources:</b>	\$0



### **SECTION III –NOTES TO FINANCIAL STATEMENTS**

The material presented herein will follow the order presented in GASB 68. Paragraph numbers are provided for ease of reference. Amounts are shown in aggregate. Please refer to Schedule B of this report for the proportionate share of certain pension amounts as required by GASB 68.

**Paragraphs 77 and 78(a)-(f):** These paragraphs require information to be disclosed regarding the actuarial assumptions used to measure the TPL. The actuarial assumptions used in the June 30, 2014 valuation were based on the results of an actuarial experience study for the period July 1, 2005 – June 30, 2010. The complete set of actuarial assumptions utilized in developing the TPL are outlined in Schedule E. The TPL was determined by an actuarial valuation as of June 30, 2014, using the following key actuarial assumptions:

Inflation	3.25 percent
Salary increases, including inflation	4.25 – 11.00 percent
Long-Term Investment Rate of Return, net of pension plan investment expense, including inflation	8.00 percent

Mortality rates were based on the RP-2000 Mortality Table for Annuitants and Non-Annuitants (set forward one year for males and set back one year for females).

The long-term expected rate of return on pension plan investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and most recent best estimates of arithmetic real rates of return for each major asset class are to be provided by the Fiduciary of the Plan.





*Discount rate.* The discount rate used to measure the total pension liability was 8.00 percent. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at the actuarially determined rates in future years. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Paragraph 78 (g):** This paragraph requires disclosure of the sensitivity of the net pension liability to changes in the discount rate. The following presents the net pension liability of the System, calculated using the discount rate of 8.00 percent, as well as what the System's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7.00 percent) or 1-percentage-point higher (9.00 percent) than the current rate (\$ thousands):

	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)
Collective net pension liability	\$650,950	\$331,830	\$63,362



**Paragraph 80(a):** This paragraph requires disclosure of the employer's proportionate share of the collective NPL and if an employer has a special funding situation the portion of the non-employer contributing entities' proportional share of the collective NPL that is associated with the employer. These amounts are shown in Schedule B.

**Paragraph 80(b):** This paragraph requires disclosure of the employer's proportion (percentage) of the collective NPL and the changes in proportion since the prior measurement date. These amounts are shown for all entities in Schedule A.

**Paragraph 80(c):** June 30, 2014 is the actuarial valuation date upon which the TPL is based. The TPL as of June 30, 2015 was determined based on a standard roll-forward technique.

**Paragraph 80(d) and (e):** There were no changes in assumptions or benefits that affected the measurement of the TPL since the prior measurement date.

**Paragraph 80(f):** Not applicable.

**Paragraph 80(g):** Please see Section IV of this report for the development of the collective pension expense. The PE for each employer is shown in Schedule B.

**Paragraph 80(h):** Since certain expense items are amortized over closed periods each year, the deferred portions of these items must be tracked annually. If the amounts serve to reduce collective pension expense they are labeled deferred inflows. If they will increase collective pension expense they are labeled deferred outflows. The amortization of these amounts is accomplished on a level dollar basis, with no interest included in the deferred amounts. Experience gains/losses and the impact of changes in actuarial assumptions, if any, are amortized over the average expected remaining service life of the active and inactive Plan members at the beginning of the fiscal year. Investment gains and losses are amortized over a fixed five year period.



The table below provides a summary in the difference between projected and actual earnings on plan investments.

Investment Earnings (Gain)/Loss as of June 30, 2015 (\$ thousands)		
a	Expected asset return rate	8.00%
b	Beginning of year market value assets (BOY)	\$ 2,163,519
c	End of year market value assets (EOY)	2,208,131
d	Expected return on BOY for plan year ( a x b)	173,081
	External Cash Flow	
	Contributions - employer	81,338
	Contributions - IAL	18,200
	Contributions - member	22,549
	Refunds of contributions	(1,165)
	Benefits paid	(131,505)
	Admin expenses	0
	Other changes	<u>0</u>
e	Net cash flow	(10,583)
f	Expected return on net cash flow (a x 0.5 x e)	(423)
g	Projected earnings for plan year (d + f)	172,658
h	Net investment income (c - b - e)	55,195
	<b>Investment earnings (gain)/loss (g -h)</b>	<b>117,463</b>



The table below provides a summary of the collective deferred inflows and outflows as of the Measurement Date.

	Collective Deferred Outflows of Resources (\$ thousands)	Collective Deferred Inflows of Resources (\$ thousands)
Differences between expected and actual experience	\$0	\$0
Changes of actuarial assumptions	0	0
Net difference between projected and actual earnings on plan investments	<u>29,662</u>	<u>0</u>
Total	<u>\$29,662</u>	<u>\$0</u>

**Paragraph 80(i):** Collective amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in the collective pension expense as follows.

Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date:	
Year 1	2,057
Year 2	2,057
Year 3	2,056
Year 4	23,492
Year 5	0
Thereafter	0

**Paragraph 80(j):** The amount of revenue recognized for the support provided by non-employer contributing entities for the participating employers is provided in Schedule B.



## **SECTION IV – COLLECTIVE PENSION EXPENSE**

As noted earlier, the collective Pension Expense (PE) consists of a number of different items. GASB 68 refers to the first as Service Cost which is the Normal Cost using the Entry Age Normal actuarial funding method. The second item is interest on the beginning Total Pension Liability (TPL) and the cash flow during the year at the 8.00% rate of return in effect as of the previous measurement date. The next three items refer to any changes that occurred in the TPL due to:

- benefit changes, or
- actual versus expected experience, or
- changes in actuarial assumptions.

Benefit changes, which are reflected immediately in PE, can be positive, if there is a benefit improvement for existing Plan members, or negative if there is a benefit reduction. For the year ended June 30, 2015, there were no benefit changes to be recognized.

The next item to be recognized is the portion of current year changes in TPL due to actual versus expected Plan experience for the year. The portion to recognize in the current year is determined by spreading the total change over the average expected remaining service life of the entire Plan membership determined at the beginning of the year. The average expected remaining service life of active members is the average number of years the active members are expected to remain active. As of the latest valuation dated June 30, 2014, the number of years for the active members is 9.38. The average expected remaining service life of the inactive members is, of course, zero. Therefore, the number of years to use for the amortization is the weighted average for all active and inactive members, or 4.89 years.

The table below provides a summary of the determination of the average expected remaining service life for the entire Plan membership determined at the beginning of the year.

Category	Number (1)	Average Years of Working Lifetime (2)
a. Active Members	8,477	9.38
b. Inactive Members	7,769	0.00
c. Total	16,246	
Weighted Average Years of Working Lifetime [(a1 * a2) + (b1 * b2)]/c1		4.89



Since valuations are performed biennially, under GASB 68 the TPL for the year following the valuation date is the expected measure determined using a standard roll-forward technique. Therefore, there were no changes due to actual versus expected experience to be recognized for the year.

The last item under changes in TPL are changes in actuarial assumptions. There were no changes in assumptions since the last measurement date. If there was a change in TPL due to changes in actuarial assumptions, recognition of the change would also be spread over the average expected remaining service life of the plan membership.

Member contributions for the year and projected earnings on the Fiduciary Net Position (FNP), again at the discount rate used to calculate the liabilities, are subtracted from the amount determined thus far. One-fifth of current period differences between projected and actual investment earnings on the FNP are recognized in the pension expense. The amount to be recognized due to investment experience for the current year is \$23,493,000.

The current year portions of previously determined experience, assumption and earnings amounts, recognized as deferred outflows and inflows (see Section V) are included also. Deferred outflows are added to the PE while deferred inflows are subtracted from the PE. Finally, administrative expenses and other miscellaneous items are included where applicable.



The calculation of the Collective Pension Expense determined as of the measurement date is shown in the following table:

<b>Collective Pension Expense Determined as of the Measurement Date (\$ thousands)</b>	
Service Cost at end of year	\$64,545
Interest on the TPL and net cash flow	194,760
Current-period benefit changes	0
Expensed portion of current-period difference between expected and actual experience in the total pension liability	0
Expensed portion of current-period changes of assumptions	0
Member contributions	(22,549)
Projected earnings on plan investments	(172,658)
Expensed portion of current-period differences between projected and actual earnings on plan investments	23,493
Administrative expense	0
Other	(6,508)
Recognition of beginning deferred outflows of resources as pension expense	0
Recognition of beginning deferred inflows of resources as pension expense	<u>(21,436)</u>
<b>Collective Pension Expense</b>	<u><b>\$59,647</b></u>



## **SECTION V – REQUIRED SUPPLEMENTARY INFORMATION**

**Paragraphs 81(a)-(b):** CMC was not required to supply this information.

**Paragraph 82:**

*Changes of assumptions.* In 2013, rates of mortality, withdrawal, retirement and assumed rates of salary increase were adjusted to more closely reflect actual and anticipated experience. These assumptions were recommended as part of the Experience Study for the System for the five year period ended June 30, 2012.

*Method and assumptions used in calculations of actuarially determined contributions.* The actuarially determined contributions in the schedule of employer contributions are calculated as of June 30 each biennium for the fiscal years ending two and three years after the valuation date. The following actuarial methods and assumptions were used to determine the most recent contributions reported in that schedule:

Actuarial cost method	Entry age
Amortization method	Level dollar, closed
Single equivalent amortization period	26 years
Asset valuation method	5-year smoothed market (20% write up)
Inflation	3.25 percent
Salary increase	4.25-11.00 percent, including inflation
Investment rate of return	8.00 percent, net of investment related expense





**SCHEDULE A**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Employer Allocations as of June 30, 2015**

**GENERAL EMPLOYEES WITH SOCIAL SECURITY**

<b>Code</b>	<b>Municipality</b>	<b>Employer Allocation Percentage</b>
001E	Andover Education	0.204251%
001T	Andover Selectmen	0.202144%
002A	Ansonia Housing	0.343447%
002B	Ansonia Clerical	1.016066%
002T	Ansonia Town	0.894100%
006S	Beacon Falls Supervisors	0.197841%
006T	Beacon Falls Town	0.218936%
008T	Bethany Public Works	0.176356%
013E	Bozrah Education	0.119300%
013T	Bozrah Town	0.176760%
014E	Branford Education	2.903448%
014T	Branford Selectman	3.259129%
015A	Bridgeport Housing	3.068537%
015B	Bridgeport Port Authority	0.052838%
017A	Bristol Housing	0.647975%
022T	Canterbury Town	0.192019%
026L	Chester Board of Education	0.014771%
027B	Clinton Secretarial	0.558636%
027S	Clinton Supervisory	0.279507%
027T	Clinton Town	0.371186%
028A	Colchester Housing	0.029294%
032A	Coventry Housing	0.046050%
034A	Danbury Housing	0.790230%
035A	Darien Housing	0.042623%
036L	Deep River BOE	0.021521%
037A	Derby Housing	0.130697%
041T	East Haddam Town	0.237457%
042A	East Hampton Housing	0.039012%
043A	East Hartford Housing	0.686378%
048E	Ellington Education	1.516922%
048L	Ellington Lunch	0.095638%
048T	Ellington Town	0.435269%
048V	Ellington Van Drivers	0.036247%
049A	Enfield Housing	0.304249%
050L	Essex BOE	0.025238%
057A	Greenwich Housing	1.147312%
058E	Griswold Education	1.620746%
058T	Griswold Selectmen	0.459628%



Code	Municipality	Employer Allocation Percentage
059A	Groton Housing	0.100683%
062B	Hamden Education	0.390057%
062E	Hamden BOE	0.979153%
062S	Hamden Schools	0.377646%
062T	Hamden Town	1.620173%
064A	Hartford Housing	1.320543%
064E	Hartford Edu.(Local 566)	4.725159%
064S	Hartford Union (Local 818)	0.048256%
064T	Hartford City (1716)	6.227487%
071B	Lebanon Town Hall	0.269041%
071T	Lebanon Highway	0.210798%
073S	Lisbon School Dist.	0.058424%
073T	Lisbon Town	0.138681%
077A	Manchester Housing	0.527852%
078E	Mansfield Education	1.445917%
078T	Mansfield Town	2.537214%
080A	Meriden Housing	0.532703%
082T	Middlefield Town	0.248455%
083A	Middletown Housing	0.434003%
084A	Milford Housing	0.202273%
086A	Montville Housing	0.021673%
086E	Montville Education	1.887907%
086T	Montville Town	1.839994%
088A	Naugatuck Housing	0.204737%
089A	New Britain Housing	0.787082%
095A	New London Housing	0.311534%
103A	Norwalk Housing	0.602054%
108E	Oxford Education	1.535555%
108T	Oxford Town	1.034770%
110H	Southington Health District	0.137520%
113A	Portland Housing	0.079000%
114T	Preston Town	0.353618%
115T	Prospect Public Works	0.207775%
116A	Putnam Housing	0.274324%
117E	Redding Education	1.116754%
117T	Redding Town	1.245789%
124A	Seymour Housing	0.269705%
124E	Seymour Education	1.449791%
124T	Seymour Town	1.306708%
126A	Shelton Housing	0.026519%
131A	Southington Housing	0.100005%
131D	Southington Dog	0.074733%
131E	Southington Education	4.688034%
131L	Southington Lunch	0.221207%
131S	Southington Sewer	0.405986%



Code	Municipality	Employer Allocation Percentage
131T	Southington Town	3.771609%
131W	Southington Water	0.711024%
135A	Stamford Housing	1.686836%
138A	Stratford Housing	0.613078%
141T	Thompson Town	0.690680%
142M	Tolland Cnty Mutual Aid	0.269867%
143A	Torrington Housing	0.235724%
144D	Trumbull Monroe Health	0.167658%
146A	Rockville (Vernon) Hsg.	0.366660%
148A	Wallingford HA	0.128151%
152B	Waterford LC1303	1.532060%
152E	Waterford Custodial	0.823808%
152H	Waterford Local 161	0.333372%
152L	Waterford Cafe 224	0.154936%
152N	Waterford Para-Pro's	0.581431%
152S	Waterford Non-union	0.742159%
152T	Waterford Government	0.675930%
152W	Waterford Town	1.194472%
153R	Watertown Golf	0.038351%
153S	Watertown Town Supv.	0.214973%
153T	Watertown Town	0.357641%
155A	West Hartford Housing	0.484537%
156A	West Haven Housing	0.749431%
157E	Weston Education	2.232964%
157H	Weston Highway	0.439241%
157S	Weston Salary	0.592751%
157T	Weston Town	1.157026%
159A	Wethersfield Housing	0.202344%
162A	Winchester Housing	0.050067%
165A	Windsor Locks Housing	0.099153%
165E	Windsor Locks Edu.	0.999179%
165N	Windsor Locks Para's	0.450660%
165T	Windsor Locks Town	1.352572%
167E	Woodbridge Education	0.818540%
167T	Woodbridge Town	1.509009%
169E	Woodstock Education	0.262013%
169T	Woodstock Town	0.502526%
170A	Norwich Housing	0.497916%
204E	District #4 – Custodians	0.247128%
204L	District #4 - B. of Ed	0.086798%
204N	District #4 - Non-Cert.	0.306074%
204S	District #4 –Secretarial	0.249103%
216B	Regional District 16	0.028269%
219E	Regional District 19	0.760762%
368D	Watertown Fire District	0.147219%



Code	Municipality	Employer Allocation Percentage
401D	Westport Health Dept.	0.310232%
403D	East Shore Health District	0.228353%
405D	L. Naugatuck Valley Health	0.474271%
410D	Quinnipiac Valley Health	0.248978%
413D	Uncas Health District	0.228769%
503A	Willimantic Housing	0.475026%
606W	Jewett City Street	0.081853%
715D	Southeast Ct. Planning	0.175363%
750D	Southeast Ct Water	0.184747%
751D	South Norwalk Electric	0.555243%
755D	Norwalk 1st Tax Dist.	0.814639%
756D	Norwalk 2nd Tax Dist.	1.382913%
757A	Connecticut Housing	0.129447%
799M	Southeast Ct Tourism	<u>0.055414%</u>
Total		<u>100.000000%</u>



**SCHEDULE A (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Employer Allocations as of June 30, 2015**

**GENERAL EMPLOYEES WITHOUT SOCIAL SECURITY**

<b>Code</b>	<b>Municipality</b>	<b>Employer Allocation Percentage</b>
015E	Bridgeport Education	33.361593%
015H	Bridgeport Grants	1.122313%
015T	Bridgeport City	27.723144%
044E	East Haven Education	2.447865%
044T	East Haven Town	3.812458%
089E	New Britain Education	13.776241%
089T	New Britain City	13.173813%
093W	GNH WPCA	3.011707%
753D	Mattabassett District	<u>1.570866%</u>
Total		<u>100.000000%</u>



**SCHEDULE A (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Employer Allocations as of June 30, 2015**

**POLICEMEN AND FIREMEN WITH SOCIAL SECURITY**

<b>Code</b>	<b>Municipality</b>	<b>Employer Allocation Percentage</b>
006P	Beacon Falls Police	\$ 0.592330%
033P	Cromwell Police	6.067925%
037P	Derby Police	7.904511%
046P	Easton Police	3.420806%
062P	Hamden Police	9.913096%
078F	Mansfield Fire	2.241412%
082P	Middlefield Police	0.400432%
085P	Monroe Police	8.754860%
086P	Montville Police	4.779473%
091P	New Fairfield Police	1.190777%
108P	Oxford Police	1.250331%
111P	Plymouth Police	5.644015%
116P	Putnam Police	3.085286%
117P	Redding Police	4.035369%
131F	Southington Fire	7.308961%
152F	Waterford Fire	1.367071%
152P	Waterford Police	9.978968%
157P	Weston Police	4.656128%
162P	Winchester Police	3.076929%
164F	Windsor Dog	<u>0.190184%</u>
	Total	\$ <u>100.000000%</u>



**SCHEDULE A (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Employer Allocations as of June 30, 2015**

**POLICEMEN AND FIREMEN WITHOUT SOCIAL SECURITY**

<b>Code</b>	<b>Municipality</b>	<b>2015 Employer Allocation Percentage</b>	<b>2014 Employer Allocation Percentage</b>
002P	Ansonia Police	2.928471%	3.037429%
014F	Branford Fire	2.485673%	2.578156%
015F	Bridgeport Fire	16.617702%	17.235987%
015P	Bridgeport Police	27.118315%	28.127290%
044F	East Haven Fire	3.018524%	3.130832%
044P	East Haven Police	3.151847%	3.269116%
077F	Manchester Fire	5.517035%	5.722304%
089F	New Britain Fire	4.710553%	4.885816%
089P	New Britain Police	6.859453%	7.114669%
095F	New London Fire	3.587174%	0.000000%
095P	New London Police	4.467847%	4.634080%
124P	Seymour Police	2.487066%	2.579601%
126P	Shelton Police	3.753945%	3.893616%
131P	Southington Police	4.699137%	4.873975%
137P	Stonington Police	2.376509%	2.464930%
164P	Windsor Police	4.029771%	4.179704%
370F	West Haven Fire	0.666217%	0.691005%
371F	West Shore Fire District	<u>1.524759%</u>	<u>1.581490%</u>
Total		<u>100.000000%</u>	<u>100.000000%</u>



**SCHEDULE B**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer as of June 30, 2015**

**GENERAL EMPLOYEES WITH SOCIAL SECURITY**

<u>Code</u>	<u>Division</u>	<u>2015 Alloc. %*</u>	<u>2015 Net Pension Liability</u>	<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		<u>Pension Expense</u>		
				<u>Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments</u>	<u>Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Deferred Outflows of Resources</u>	<u>Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Deferred Inflows of Resources</u>	<u>Proportionate Share of Plan Pension Expense</u>	<u>Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Employer Pension Expense</u>
			<b>139,567,080</b>	<b>10,426,245</b>	<b>0</b>	<b>10,426,245</b>	<b>0</b>	<b>0</b>	<b>23,697,397</b>	<b>0</b>	<b>23,697,397</b>
<b>Employer Allocation</b>											
001E	Andover Education	0.204251%	285,067	21,296	-	21,296	-	-	48,402	-	48,402
001T	Andover Selectmen	0.202144%	282,126	21,076	-	21,076	-	-	47,903	-	47,903
002A	Ansonia Housing	0.343447%	479,339	35,809	-	35,809	-	-	81,388	-	81,388
002B	Ansonia Clerical	1.016066%	1,418,094	105,938	-	105,938	-	-	240,781	-	240,781
002T	Ansonia Town	0.894100%	1,247,869	93,221	-	93,221	-	-	211,878	-	211,878
006S	Beacon Falls Supervisors	0.197841%	276,121	20,627	-	20,627	-	-	46,883	-	46,883
006T	Beacon Falls Town	0.218936%	305,563	22,827	-	22,827	-	-	51,882	-	51,882
008T	Bethany Public Works	0.176356%	246,135	18,387	-	18,387	-	-	41,792	-	41,792
013E	Bozrah Education	0.119300%	166,504	12,439	-	12,439	-	-	28,271	-	28,271
013T	Bozrah Town	0.176760%	246,699	18,429	-	18,429	-	-	41,888	-	41,888
014E	Branford Education	2.903448%	4,052,258	302,721	-	302,721	-	-	688,042	-	688,042
014T	Branford Selectman	3.259129%	4,548,671	339,805	-	339,805	-	-	772,329	-	772,329
015A	Bridgeport Housing	3.068537%	4,282,667	319,933	-	319,933	-	-	727,163	-	727,163
015B	Bridgeport Port Authority	0.052838%	73,744	5,509	-	5,509	-	-	12,521	-	12,521
017A	Bristol Housing	0.647975%	904,360	67,559	-	67,559	-	-	153,553	-	153,553
022T	Canterbury Town	0.192019%	267,995	20,020	-	20,020	-	-	45,504	-	45,504





				Deferred Outflows of Resources			Deferred Inflows of Resources		Pension Expense			
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions			
					Total Deferred Outflows of Resources	Total Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Total Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense		
Code	Division	2015 Alloc. %*	2015 Net Pension Liability									
				139,567,080	10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation												
026L	Chester Board of Education	0.014771%	20,615	1,540	-	1,540	-	-	3,500	-	3,500	
027B	Clinton Secretarial	0.558636%	779,672	58,245	-	58,245	-	-	132,382	-	132,382	
027S	Clinton Supervisory	0.279507%	390,100	29,142	-	29,142	-	-	66,236	-	66,236	
027T	Clinton Town	0.371186%	518,053	38,701	-	38,701	-	-	87,961	-	87,961	
028A	Colchester Housing	0.029294%	40,885	3,054	-	3,054	-	-	6,942	-	6,942	
032A	Coventry Housing	0.046050%	64,271	4,801	-	4,801	-	-	10,913	-	10,913	
034A	Danbury Housing	0.790230%	1,102,901	82,391	-	82,391	-	-	187,264	-	187,264	
035A	Darien Housing	0.042623%	59,488	4,444	-	4,444	-	-	10,101	-	10,101	
036L	Deep River BOE	0.021521%	30,036	2,244	-	2,244	-	-	5,100	-	5,100	
037A	Derby Housing	0.130697%	182,410	13,627	-	13,627	-	-	30,972	-	30,972	
041T	East Haddam Town	0.237457%	331,412	24,758	-	24,758	-	-	56,271	-	56,271	
042A	East Hampton Housing	0.039012%	54,448	4,067	-	4,067	-	-	9,245	-	9,245	
043A	East Hartford Housing	0.686378%	957,958	71,563	-	71,563	-	-	162,654	-	162,654	
048E	Ellington Education	1.516922%	2,117,124	158,158	-	158,158	-	-	359,471	-	359,471	
048L	Ellington Lunch	0.095638%	133,479	9,971	-	9,971	-	-	22,664	-	22,664	
048T	Ellington Town	0.435269%	607,492	45,382	-	45,382	-	-	103,147	-	103,147	
048V	Ellington Van Drivers	0.036247%	50,589	3,779	-	3,779	-	-	8,590	-	8,590	
049A	Enfield Housing	0.304249%	424,631	31,722	-	31,722	-	-	72,099	-	72,099	
050L	Essex BOE	0.025238%	35,224	2,631	-	2,631	-	-	5,981	-	5,981	
057A	Greenwich Housing	1.147312%	1,601,270	119,622	-	119,622	-	-	271,883	-	271,883	
058E	Griswold Education	1.620746%	2,262,028	168,983	-	168,983	-	-	384,075	-	384,075	
058T	Griswold Selectmen	0.459628%	641,489	47,922	-	47,922	-	-	108,920	-	108,920	
059A	Groton Housing	0.100683%	140,520	10,497	-	10,497	-	-	23,859	-	23,859	
062B	Hamden Education	0.390057%	544,391	40,668	-	40,668	-	-	92,433	-	92,433	



				Deferred Outflows of Resources			Deferred Inflows of Resources		Pension Expense			
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		
					Total Deferred Outflows of Resources	Employer Contributions	Employer Contributions	Total Deferred Inflows of Resources		Employer Contributions	Total Employer Pension Expense	
Code	Division	2015 Alloc. %*	2015 Net Pension Liability									
				139,567,080	10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation												
062E	Hamden BOE	0.979153%	1,366,575	102,089	-	102,089	-	-	232,034	-	232,034	
062S	Hamden Schools	0.377646%	527,069	39,374	-	39,374	-	-	89,492	-	89,492	
062T	Hamden Town	1.620173%	2,261,228	168,923	-	168,923	-	-	383,939	-	383,939	
064A	Hartford Housing	1.320543%	1,843,043	137,683	-	137,683	-	-	312,934	-	312,934	
064E	Hartford Edu.(Local 566)	4.725159%	6,594,766	492,657	-	492,657	-	-	1,119,740	-	1,119,740	
064S	Hartford Union (Local 818)	0.048256%	67,349	5,031	-	5,031	-	-	11,435	-	11,435	
064T	Hartford City (1716)	6.227487%	8,691,522	649,293	-	649,293	-	-	1,475,752	-	1,475,752	
071B	Lebanon Town Hall	0.269041%	375,493	28,051	-	28,051	-	-	63,756	-	63,756	
071T	Lebanon Highway	0.210798%	294,205	21,978	-	21,978	-	-	49,954	-	49,954	
073S	Lisbon School Dist.	0.058424%	81,541	6,091	-	6,091	-	-	13,845	-	13,845	
073T	Lisbon Town	0.138681%	193,553	14,459	-	14,459	-	-	32,864	-	32,864	
077A	Manchester Housing	0.527852%	736,708	55,035	-	55,035	-	-	125,087	-	125,087	
078E	Mansfield Education	1.445917%	2,018,024	150,755	-	150,755	-	-	342,645	-	342,645	
078T	Mansfield Town	2.537214%	3,541,115	264,536	-	264,536	-	-	601,254	-	601,254	
080A	Meriden Housing	0.532703%	743,478	55,541	-	55,541	-	-	126,237	-	126,237	
082T	Middlefield Town	0.248455%	346,761	25,905	-	25,905	-	-	58,877	-	58,877	
083A	Middletown Housing	0.434003%	605,725	45,250	-	45,250	-	-	102,847	-	102,847	
084A	Milford Housing	0.202273%	282,307	21,089	-	21,089	-	-	47,933	-	47,933	
086A	Montville Housing	0.021673%	30,248	2,260	-	2,260	-	-	5,136	-	5,136	
086E	Montville Education	1.887907%	2,634,897	196,838	-	196,838	-	-	447,385	-	447,385	
086T	Montville Town	1.839994%	2,568,026	191,842	-	191,842	-	-	436,031	-	436,031	
088A	Naugatuck Housing	0.204737%	285,745	21,346	-	21,346	-	-	48,517	-	48,517	
089A	New Britain Housing	0.787082%	1,098,507	82,063	-	82,063	-	-	186,518	-	186,518	
095A	New London Housing	0.311534%	434,799	32,481	-	32,481	-	-	73,825	-	73,825	



				<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		<u>Pension Expense</u>		
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	
					Total Deferred Outflows of Resources	Total Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Total Employer Contributions and Proportionate Share of Contributions		Total Employer Pension Expense	
<u>Code</u>	<u>Division</u>	<u>2015 Alloc. %*</u>	<u>2015 Net Pension Liability</u>								
139,567,080				10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation											
103A	Norwalk Housing	0.602054%	840,269	62,772	-	62,772	-	-	142,671	-	142,671
108E	Oxford Education	1.535555%	2,143,129	160,101	-	160,101	-	-	363,887	-	363,887
108T	Oxford Town	1.034770%	1,444,198	107,888	-	107,888	-	-	245,214	-	245,214
110H	Southington Health District	0.137520%	191,933	14,338	-	14,338	-	-	32,589	-	32,589
113A	Portland Housing	0.079000%	110,258	8,237	-	8,237	-	-	18,721	-	18,721
114T	Preston Town	0.353618%	493,534	36,869	-	36,869	-	-	83,798	-	83,798
115T	Prospect Public Works	0.207775%	289,986	21,663	-	21,663	-	-	49,237	-	49,237
116A	Putnam Housing	0.274324%	382,866	28,602	-	28,602	-	-	65,008	-	65,008
117E	Redding Education	1.116754%	1,558,621	116,436	-	116,436	-	-	264,642	-	264,642
117T	Redding Town	1.245789%	1,738,711	129,889	-	129,889	-	-	295,220	-	295,220
124A	Seymour Housing	0.269705%	376,419	28,120	-	28,120	-	-	63,913	-	63,913
124E	Seymour Education	1.449791%	2,023,431	151,159	-	151,159	-	-	343,563	-	343,563
124T	Seymour Town	1.306708%	1,823,734	136,241	-	136,241	-	-	309,656	-	309,656
126A	Shelton Housing	0.026519%	37,012	2,765	-	2,765	-	-	6,284	-	6,284
131A	Southington Housing	0.100005%	139,574	10,427	-	10,427	-	-	23,699	-	23,699
131D	Southington Dog	0.074733%	104,303	7,792	-	7,792	-	-	17,710	-	17,710
131E	Southington Education	4.688034%	6,542,952	488,786	-	488,786	-	-	1,110,942	-	1,110,942
131L	Southington Lunch	0.221207%	308,732	23,064	-	23,064	-	-	52,420	-	52,420
131S	Southington Sewer	0.405986%	566,623	42,329	-	42,329	-	-	96,208	-	96,208
131T	Southington Town	3.771609%	5,263,925	393,237	-	393,237	-	-	893,773	-	893,773
131W	Southington Water	0.711024%	992,355	74,133	-	74,133	-	-	168,494	-	168,494
135A	Stamford Housing	1.686836%	2,354,268	175,874	-	175,874	-	-	399,736	-	399,736
138A	Stratford Housing	0.613078%	855,655	63,921	-	63,921	-	-	145,284	-	145,284
141T	Thompson Town	0.690680%	963,962	72,012	-	72,012	-	-	163,673	-	163,673



				<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		<u>Pension Expense</u>			
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		
					Total Deferred Outflows of Resources	Total Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Total Employer Contributions and Proportionate Share of Contributions		Total Employer Pension Expense		
<u>Code</u>	<u>Division</u>	<u>2015 Alloc. %*</u>	<u>2015 Net Pension Liability</u>									
				139,567,080	10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation												
142M	Tolland Cnty Mutual Aid	0.269867%	376,645	28,137	-	28,137	-	-	63,951	-	63,951	
143A	Torrington Housing	0.235724%	328,993	24,577	-	24,577	-	-	55,860	-	55,860	
144D	Trumbull Monroe Health	0.167658%	233,995	17,480	-	17,480	-	-	39,731	-	39,731	
146A	Rockville (Vernon) Hsg.	0.366660%	511,737	38,229	-	38,229	-	-	86,889	-	86,889	
148A	Wallingford HA	0.128151%	178,857	13,361	-	13,361	-	-	30,368	-	30,368	
152B	Waterford LC1303	1.532060%	2,138,251	159,736	-	159,736	-	-	363,058	-	363,058	
152E	Waterford Custodial	0.823808%	1,149,765	85,892	-	85,892	-	-	195,221	-	195,221	
152H	Waterford Local 161	0.333372%	465,278	34,758	-	34,758	-	-	79,000	-	79,000	
152L	Waterford Cafe 224	0.154936%	216,240	16,154	-	16,154	-	-	36,716	-	36,716	
152N	Waterford Para-Pro’s	0.581431%	811,486	60,621	-	60,621	-	-	137,784	-	137,784	
152S	Waterford Non-union	0.742159%	1,035,810	77,379	-	77,379	-	-	175,872	-	175,872	
152T	Waterford Government	0.675930%	943,376	70,474	-	70,474	-	-	160,178	-	160,178	
152W	Waterford Town	1.194472%	1,667,090	124,539	-	124,539	-	-	283,059	-	283,059	
153R	Watertown Golf	0.038351%	53,525	3,999	-	3,999	-	-	9,088	-	9,088	
153S	Watertown Town Supv.	0.214973%	300,032	22,414	-	22,414	-	-	50,943	-	50,943	
153T	Watertown Town	0.357641%	499,149	37,289	-	37,289	-	-	84,752	-	84,752	
155A	West Hartford Housing	0.484537%	676,254	50,519	-	50,519	-	-	114,823	-	114,823	
156A	West Haven Housing	0.749431%	1,045,959	78,138	-	78,138	-	-	177,596	-	177,596	
157E	Weston Education	2.232964%	3,116,483	232,814	-	232,814	-	-	529,154	-	529,154	
157H	Weston Highway	0.439241%	613,036	45,796	-	45,796	-	-	104,089	-	104,089	
157S	Weston Salary	0.592751%	827,285	61,802	-	61,802	-	-	140,467	-	140,467	
157T	Weston Town	1.157026%	1,614,827	120,634	-	120,634	-	-	274,185	-	274,185	
159A	Wethersfield Housing	0.202344%	282,406	21,097	-	21,097	-	-	47,950	-	47,950	
162A	Winchester Housing	0.050067%	69,877	5,220	-	5,220	-	-	11,865	-	11,865	



				Deferred Outflows of Resources			Deferred Inflows of Resources		Pension Expense			
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions		
					Total Deferred Outflows of Resources	Total Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Total Employer Contributions and Proportionate Share of Contributions		Total Employer Pension Expense		
Code	Division	2015 Alloc. %*	2015 Net Pension Liability									
				139,567,080	10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation												
165A	Windsor Locks Housing	0.099153%	138,385	10,338	-	10,338	-	-	23,497	-	23,497	
165E	Windsor Locks Edu.	0.999179%	1,394,525	104,177	-	104,177	-	-	236,779	-	236,779	
165N	Windsor Locks Para’s	0.450660%	628,973	46,987	-	46,987	-	-	106,795	-	106,795	
165T	Windsor Locks Town	1.352572%	1,887,745	141,022	-	141,022	-	-	320,524	-	320,524	
167E	Woodbridge Education	0.818540%	1,142,412	85,343	-	85,343	-	-	193,973	-	193,973	
167T	Woodbridge Town	1.509009%	2,106,080	157,333	-	157,333	-	-	357,596	-	357,596	
169E	Woodstock Education	0.262013%	365,684	27,318	-	27,318	-	-	62,090	-	62,090	
169T	Woodstock Town	0.502526%	701,361	52,395	-	52,395	-	-	119,086	-	119,086	
170A	Norwich Housing	0.497916%	694,927	51,914	-	51,914	-	-	117,993	-	117,993	
204E	District #4 – Custodians	0.247128%	344,909	25,766	-	25,766	-	-	58,563	-	58,563	
204L	District #4 - B. of Ed	0.086798%	121,141	9,050	-	9,050	-	-	20,569	-	20,569	
204N	District #4 - Non-Cert.	0.306074%	427,179	31,912	-	31,912	-	-	72,532	-	72,532	
204S	District #4 –Secretarial	0.249103%	347,666	25,972	-	25,972	-	-	59,031	-	59,031	
216B	Regional District 16	0.028269%	39,454	2,947	-	2,947	-	-	6,699	-	6,699	
219E	Regional District 19	0.760762%	1,061,773	79,319	-	79,319	-	-	180,281	-	180,281	
368D	Watertown Fire District	0.147219%	205,469	15,349	-	15,349	-	-	34,887	-	34,887	
401D	Westport Health Dept.	0.310232%	432,982	32,346	-	32,346	-	-	73,517	-	73,517	
403D	East Shore Health District	0.228353%	318,706	23,809	-	23,809	-	-	54,114	-	54,114	
405D	L. Naugatuck Valley Health	0.474271%	661,926	49,449	-	49,449	-	-	112,390	-	112,390	
410D	Quinnipiak Valley Health	0.248978%	347,491	25,959	-	25,959	-	-	59,001	-	59,001	
413D	Uncas Health District	0.228769%	319,286	23,852	-	23,852	-	-	54,212	-	54,212	
503A	Willimantic Housing	0.475026%	662,980	49,527	-	49,527	-	-	112,569	-	112,569	
606W	Jewett City Street	0.081853%	114,240	8,534	-	8,534	-	-	19,397	-	19,397	
715D	Southeast Ct. Planning	0.175363%	244,749	18,284	-	18,284	-	-	41,556	-	41,556	



Code	Division	2015 Alloc. %*	2015 Net Pension Liability	Deferred Outflows of Resources			Deferred Inflows of Resources		Pension Expense		
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
			139,567,080	10,426,245	0	10,426,245	0	0	23,697,397	0	23,697,397
Employer Allocation											
750D	Southeast Ct Water	0.184747%	257,846	19,262	-	19,262	-	-	43,780	-	43,780
751D	South Norwalk Electric	0.555243%	774,936	57,891	-	57,891	-	-	131,578	-	131,578
755D	Norwalk 1st Tax Dist.	0.814639%	1,136,968	84,936	-	84,936	-	-	193,048	-	193,048
756D	Norwalk 2nd Tax Dist.	1.382913%	1,930,091	144,186	-	144,186	-	-	327,714	-	327,714
757A	Connecticut Housing	0.129447%	180,665	13,496	-	13,496	-	-	30,676	-	30,676
799M	Southeast Ct Tourism	0.055414%	77,340	5,778	-	5,778	-	-	13,132	-	13,132



**SCHEDULE B (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer as of June 30, 2015**

**GENERAL EMPLOYEES WITHOUT SOCIAL SECURITY**

Code	Division	2015 Alloc. %*	2015 Net Pension Liability	<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		<u>Pension Expense</u>		
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
			<b>108,021,081</b>	<b>8,704,015</b>	<b>0</b>	<b>8,704,015</b>	<b>0</b>	<b>0</b>	<b>15,224,453</b>	<b>0</b>	<b>15,224,453</b>
<b>Employer Allocation</b>											
015E	Bridgeport Education	33.361593%	36,037,553	2,903,798	-	2,903,798	-	-	5,079,120	-	5,079,120
015H	Bridgeport Grants	1.122313%	1,212,335	97,686	-	97,686	-	-	170,866	-	170,866
015T	Bridgeport City	27.723144%	29,946,840	2,413,027	-	2,413,027	-	-	4,220,697	-	4,220,697
044E	East Haven Education	2.447865%	2,644,210	213,063	-	213,063	-	-	372,674	-	372,674
044T	East Haven Town	3.812458%	4,118,258	331,837	-	331,837	-	-	580,426	-	580,426
089E	New Britain Education	13.776241%	14,881,244	1,199,086	-	1,199,086	-	-	2,097,357	-	2,097,357
089T	New Britain City	13.173813%	14,230,495	1,146,651	-	1,146,651	-	-	2,005,641	-	2,005,641
093W	GNH WPCA	3.011707%	3,253,278	262,139	-	262,139	-	-	458,516	-	458,516
753D	Mattabassett District	1.570866%	1,696,866	136,728	-	136,728	-	-	239,156	-	239,156



**SCHEDULE B (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer as of June 30, 2015**

**POLICEMEN AND FIREMEN WITH SOCIAL SECURITY**

<u>Code</u>	<u>Division</u>	<u>2015 Alloc. %*</u>	<u>2015 Net Pension Liability</u>	<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>			<u>Pension Expense</u>	
				<u>Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments</u>	<u>Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Deferred Outflows of Resources</u>	<u>Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Deferred Inflows of Resources</u>	<u>Proportionate Share of Plan Pension Expense</u>	<u>Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions</u>	<u>Total Employer Pension Expense</u>
			<b>31,630,471</b>	<b>2,311,265</b>	<b>0</b>	<b>2,311,265</b>	<b>0</b>	<b>0</b>	<b>6,131,594</b>	<b>0</b>	<b>6,131,594</b>
<b>Employer Allocation</b>											
006P	Beacon Falls Police	0.592330%	187,357	13,690	-	13,690	-	-	36,319	-	36,319
033P	Cromwell Police	6.067925%	1,919,313	140,246	-	140,246	-	-	372,061	-	372,061
037P	Derby Police	7.904511%	2,500,234	182,694	-	182,694	-	-	484,673	-	484,673
046P	Easton Police	3.420806%	1,082,017	79,064	-	79,064	-	-	209,750	-	209,750
062P	Hamden Police	9.913096%	3,135,559	229,118	-	229,118	-	-	607,831	-	607,831
078F	Mansfield Fire	2.241412%	708,969	51,805	-	51,805	-	-	137,434	-	137,434
082P	Middlefield Police	0.400432%	126,659	9,255	-	9,255	-	-	24,553	-	24,553
085P	Monroe Police	8.754860%	2,769,203	202,348	-	202,348	-	-	536,812	-	536,812
086P	Montville Police	4.779473%	1,511,770	110,466	-	110,466	-	-	293,058	-	293,058
091P	New Fairfield Police	1.190777%	376,648	27,522	-	27,522	-	-	73,014	-	73,014
108P	Oxford Police	1.250331%	395,486	28,898	-	28,898	-	-	76,665	-	76,665
111P	Plymouth Police	5.644015%	1,785,229	130,448	-	130,448	-	-	346,068	-	346,068
116P	Putnam Police	3.085286%	975,890	71,309	-	71,309	-	-	189,177	-	189,177
117P	Redding Police	4.035369%	1,276,406	93,268	-	93,268	-	-	247,432	-	247,432
131F	Southington Fire	7.308961%	2,311,859	168,929	-	168,929	-	-	448,156	-	448,156
152F	Waterford Fire	1.367071%	432,411	31,597	-	31,597	-	-	83,823	-	83,823
152P	Waterford Police	9.978968%	3,156,395	230,640	-	230,640	-	-	611,870	-	611,870





Code	Division	2015 Alloc. %*	2015 Net Pension Liability	Deferred Outflows of Resources			Deferred Inflows of Resources			Pension Expense	
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
			31,630,471	2,311,265	0	2,311,265	0	0	6,131,594	0	6,131,594
Employer Allocation											
157P	Weston Police	4.656128%	1,472,755	107,615	-	107,615	-	-	285,495	-	285,495
162P	Winchester Police	3.076929%	973,247	71,116	-	71,116	-	-	188,665	-	188,665
164F	Windsor Dog	0.190184%	60,156	4,396	-	4,396	-	-	11,661	-	11,661
165P	Windsor Locks Police	6.294727%	1,991,052	145,488	-	145,488	-	-	385,967	-	385,967
167P	Woodbridge Police	5.404629%	1,709,510	124,915	-	124,915	-	-	331,390	-	331,390
309F	Cromwell Fire	0.827991%	261,897	19,137	-	19,137	-	-	50,769	-	50,769
312F	Easton Firefighters	1.613789%	510,449	37,299	-	37,299	-	-	98,951	-	98,951



**SCHEDULE B (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer as of June 30, 2015**

**POLICEMEN AND FIREMEN WITHOUT SOCIAL SECURITY**

Code	Division	2015 Alloc. %*	2015 Net Pension Liability	<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		<u>Pension Expense</u>		
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
			<b>52,611,341</b>	<b>8,220,925</b>	<b>0</b>	<b>8,220,925</b>	<b>0</b>	<b>0</b>	<b>14,593,291</b>	<b>0</b>	<b>14,593,291</b>
<b>Employer Allocation</b>											
002P	Ansonia Police	2.928471%	1,540,708	240,747	-	240,747	46,077	46,077	427,360	(11,845)	415,515
014F	Branford Fire	2.485673%	1,307,746	204,345	-	204,345	39,110	39,110	362,742	(10,054)	352,688
015F	Bridgeport Fire	16.617702%	8,742,796	1,366,129	-	1,366,129	261,464	261,464	2,425,070	(67,214)	2,357,856
015P	Bridgeport Police	27.118315%	14,267,309	2,229,376	-	2,229,376	426,681	426,681	3,957,455	(109,687)	3,847,768
044F	East Haven Fire	3.018524%	1,588,086	248,151	-	248,151	47,494	47,494	440,502	(12,209)	428,293
044P	East Haven Police	3.151847%	1,658,229	259,111	-	259,111	49,591	49,591	459,958	(12,748)	447,210
077F	Manchester Fire	5.517035%	2,902,586	453,551	-	453,551	86,805	86,805	805,117	(22,315)	782,802
089F	New Britain Fire	4.710553%	2,478,285	387,251	-	387,251	74,116	74,116	687,425	(19,053)	668,372
089P	New Britain Police	6.859453%	3,608,850	563,911	-	563,911	107,927	107,927	1,001,020	(27,745)	973,275
095F	New London Fire	3.587174%	1,887,260	294,899	1,516,966	1,811,865	-	-	523,487	389,966	913,453
095P	New London Police	4.467847%	2,350,594	367,298	-	367,298	70,297	70,297	652,006	(18,071)	633,935
124P	Seymour Police	2.487066%	1,308,479	204,460	-	204,460	39,132	39,132	362,945	(10,060)	352,885
126P	Shelton Police	3.753945%	1,975,001	308,609	-	308,609	59,065	59,065	547,824	(15,184)	532,640
131P	Southington Police	4.699137%	2,472,279	386,313	-	386,313	73,937	73,937	685,759	(19,007)	666,752
137P	Stonington Police	2.376509%	1,250,313	195,371	-	195,371	37,392	37,392	346,811	(9,612)	337,199



Code	Division	2015 Alloc. %*	2015 Net Pension Liability	Deferred Outflows of Resources			Deferred Inflows of Resources		Pension Expense		
				Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
			52,611,341	8,220,925	0	8,220,925	0	0	14,593,291	0	14,593,291
Employer Allocation											
164P	Windsor Police	4.029771%	2,120,116	331,284	-	331,284	63,405	63,405	588,076	(16,299)	571,777
370F	West Haven Fire	0.666217%	350,506	54,769	-	54,769	10,482	10,482	97,223	(2,695)	94,528
371F	West Shore Fire District	1.524759%	802,196	125,349	-	125,349	23,991	23,991	222,513	(6,167)	216,346



## SCHEDULE C

### CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM Schedule of Sensitivity and Remaining Deferred Inflows and Outflows by Employer as of June 30, 2015

#### GENERAL EMPLOYEES WITH SOCIAL SECURITY

		Allocation Percentage	Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date					
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)	Year 1	Year 2	Year 3	Year 4	Year 5	
Code	Division									
			\$256,258,391	\$52,378,988	\$548,001	\$548,001	\$548,002	\$8,782,241		\$0
Employer Allocation										
001E	Andover Education	0.204251%	523,410	106,985	1,119	1,119	1,119	17,938		-
001T	Andover Selectmen	0.202144%	518,011	105,881	1,108	1,108	1,108	17,753		-
002A	Ansonia Housing	0.343447%	880,112	179,894	1,882	1,882	1,882	30,162		-
002B	Ansonia Clerical	1.016066%	2,603,754	532,205	5,568	5,568	5,568	89,233		-
002T	Ansonia Town	0.894100%	2,291,206	468,321	4,900	4,900	4,900	78,522		-
006S	Beacon Falls Supervisors	0.197841%	506,984	103,627	1,084	1,084	1,084	17,375		-
006T	Beacon Falls Town	0.218936%	561,042	114,676	1,200	1,200	1,200	19,227		-
008T	Bethany Public Works	0.176356%	451,927	92,373	966	966	966	15,488		-
013E	Bozrah Education	0.119300%	305,716	62,488	654	654	654	10,477		-
013T	Bozrah Town	0.176760%	452,962	92,585	969	969	969	15,523		-
014E	Branford Education	2.903448%	7,440,329	1,520,797	15,911	15,911	15,911	254,988		-
014T	Branford Selectman	3.259129%	8,351,792	1,707,099	17,860	17,860	17,860	286,225		-
015A	Bridgeport Housing	3.068537%	7,863,384	1,607,269	16,816	16,816	16,816	269,486		-
015B	Bridgeport Port Authority	0.052838%	135,402	27,676	290	290	290	4,640		-
017A	Bristol Housing	0.647975%	1,660,490	339,403	3,551	3,551	3,551	56,907		-
022T	Canterbury Town	0.192019%	492,065	100,578	1,052	1,052	1,052	16,864		-
026L	Chester Board of Education	0.014771%	37,852	7,737	81	81	81	1,297		-
027B	Clinton Secretarial	0.558636%	1,431,552	292,608	3,061	3,061	3,061	49,061		-
027S	Clinton Supervisory	0.279507%	716,260	146,403	1,532	1,532	1,532	24,547		-
027T	Clinton Town	0.371186%	951,195	194,423	2,034	2,034	2,034	32,598		-
028A	Colchester Housing	0.029294%	75,068	15,344	161	161	161	2,573		-
032A	Coventry Housing	0.046050%	118,007	24,121	252	252	252	4,044		-
034A	Danbury Housing	0.790230%	2,025,031	413,914	4,330	4,330	4,330	69,400		-
035A	Darien Housing	0.042623%	109,225	22,325	234	234	234	3,743		-
036L	Deep River BOE	0.021521%	55,149	11,272	118	118	118	1,890		-
037A	Derby Housing	0.130697%	334,922	68,458	716	716	716	11,478		-
041T	East Haddam Town	0.237457%	608,503	124,378	1,301	1,301	1,301	20,854		-
042A	East Hampton Housing	0.039012%	99,972	20,434	214	214	214	3,426		-
043A	East Hartford Housing	0.686378%	1,758,901	359,518	3,761	3,761	3,761	60,279		-



			Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date				
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)					
Code	Division	Allocation Percentage			Year 1	Year 2	Year 3	Year 4	Year 5
			\$256,258,391	\$52,378,988	\$548,001	\$548,001	\$548,002	\$8,782,241	\$0
Employer Allocation									
048E	Ellington Education	1.516922%	3,887,240	794,548	8,313	8,313	8,313	133,220	-
048L	Ellington Lunch	0.095638%	245,080	50,094	524	524	524	8,399	-
048T	Ellington Town	0.435269%	1,115,413	227,989	2,385	2,385	2,385	38,226	-
048V	Ellington Van Drivers	0.036247%	92,886	18,986	199	199	199	3,183	-
049A	Enfield Housing	0.304249%	779,664	159,363	1,667	1,667	1,667	26,720	-
050L	Essex BOE	0.025238%	64,674	13,219	138	138	138	2,216	-
057A	Greenwich Housing	1.147312%	2,940,083	600,950	6,287	6,287	6,287	100,760	-
058E	Griswold Education	1.620746%	4,153,298	848,930	8,882	8,882	8,882	142,338	-
058T	Griswold Selectmen	0.459628%	1,177,835	240,748	2,519	2,519	2,519	40,366	-
059A	Groton Housing	0.100683%	258,009	52,737	552	552	552	8,842	-
062B	Hamden Education	0.390057%	999,554	204,308	2,138	2,138	2,138	34,256	-
062E	Hamden BOE	0.979153%	2,509,162	512,870	5,366	5,366	5,366	85,992	-
062S	Hamden Schools	0.377646%	967,750	197,807	2,070	2,070	2,070	33,166	-
062T	Hamden Town	1.620173%	4,151,829	848,630	8,879	8,879	8,879	142,287	-
064A	Hartford Housing	1.320543%	3,384,002	691,687	7,237	7,237	7,237	115,973	-
064E	Hartford Edu.(Local 566)	4.725159%	12,108,616	2,474,990	25,894	25,894	25,894	414,975	-
064S	Hartford Union (Local 818)	0.048256%	123,660	25,276	264	264	264	4,238	-
064T	Hartford City (1716)	6.227487%	15,958,458	3,261,895	34,127	34,127	34,127	546,913	-
071B	Lebanon Town Hall	0.269041%	689,440	140,921	1,474	1,474	1,474	23,628	-
071T	Lebanon Highway	0.210798%	540,188	110,414	1,155	1,155	1,155	18,513	-
073S	Lisbon School Dist.	0.058424%	149,716	30,602	320	320	320	5,131	-
073T	Lisbon Town	0.138681%	355,382	72,640	760	760	760	12,179	-
077A	Manchester Housing	0.527852%	1,352,665	276,484	2,893	2,893	2,893	46,357	-
078E	Mansfield Education	1.445917%	3,705,284	757,357	7,924	7,924	7,924	126,984	-
078T	Mansfield Town	2.537214%	6,501,824	1,328,967	13,904	13,904	13,904	222,824	-
080A	Meriden Housing	0.532703%	1,365,096	279,024	2,919	2,919	2,919	46,783	-
082T	Middlefield Town	0.248455%	636,687	130,138	1,362	1,362	1,362	21,820	-
083A	Middletown Housing	0.434003%	1,112,169	227,326	2,378	2,378	2,378	38,115	-
084A	Milford Housing	0.202273%	518,342	105,949	1,108	1,108	1,108	17,764	-
086A	Montville Housing	0.021673%	55,539	11,352	119	119	119	1,903	-
086E	Montville Education	1.887907%	4,837,920	988,867	10,346	10,346	10,346	165,801	-
086T	Montville Town	1.839994%	4,715,139	963,770	10,083	10,083	10,083	161,593	-
088A	Naugatuck Housing	0.204737%	524,656	107,239	1,122	1,122	1,122	17,980	-
089A	New Britain Housing	0.787082%	2,016,964	412,266	4,313	4,313	4,313	69,123	-
095A	New London Housing	0.311534%	798,332	163,178	1,707	1,707	1,707	27,360	-
103A	Norwalk Housing	0.602054%	1,542,814	315,350	3,299	3,299	3,299	52,874	-
108E	Oxford Education	1.535555%	3,934,989	804,308	8,415	8,415	8,415	134,856	-
108T	Oxford Town	1.034770%	2,651,685	542,002	5,671	5,671	5,671	90,876	-
110H	Southington Health District	0.137520%	352,407	72,032	754	754	754	12,077	-



			Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date				
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)					
Code	Division	Allocation Percentage			Year 1	Year 2	Year 3	Year 4	Year 5
			\$256,258,391	\$52,378,988	\$548,001	\$548,001	\$548,002	\$8,782,241	\$0
Employer Allocation									
113A	Portland Housing	0.079000%	202,444	41,379	433	433	433	6,938	-
114T	Preston Town	0.353618%	906,176	185,222	1,938	1,938	1,938	31,056	-
115T	Prospect Public Works	0.207775%	532,441	108,830	1,139	1,139	1,139	18,247	-
116A	Putnam Housing	0.274324%	702,978	143,688	1,503	1,503	1,503	24,092	-
117E	Redding Education	1.116754%	2,861,776	584,944	6,120	6,120	6,120	98,076	-
117T	Redding Town	1.245789%	3,192,439	652,532	6,827	6,827	6,827	109,408	-
124A	Seymour Housing	0.269705%	691,142	141,269	1,478	1,478	1,478	23,686	-
124E	Seymour Education	1.449791%	3,715,211	759,386	7,945	7,945	7,945	127,324	-
124T	Seymour Town	1.306708%	3,348,549	684,440	7,161	7,161	7,161	114,758	-
126A	Shelton Housing	0.026519%	67,957	13,890	145	145	145	2,329	-
131A	Southington Housing	0.100005%	256,271	52,382	548	548	548	8,783	-
131D	Southington Dog	0.074733%	191,510	39,144	410	410	410	6,563	-
131E	Southington Education	4.688034%	12,013,480	2,455,545	25,690	25,690	25,691	411,714	-
131L	Southington Lunch	0.221207%	566,861	115,866	1,212	1,212	1,212	19,427	-
131S	Southington Sewer	0.405986%	1,040,373	212,651	2,225	2,225	2,225	35,655	-
131T	Southington Town	3.771609%	9,665,065	1,975,531	20,668	20,668	20,668	331,232	-
131W	Southington Water	0.711024%	1,822,059	372,427	3,896	3,896	3,896	62,444	-
135A	Stamford Housing	1.686836%	4,322,659	883,548	9,244	9,244	9,244	148,142	-
138A	Stratford Housing	0.613078%	1,571,064	321,124	3,360	3,360	3,360	53,842	-
141T	Thompson Town	0.690680%	1,769,925	361,771	3,785	3,785	3,785	60,657	-
142M	Tolland Cnty Mutual Aid	0.269867%	691,557	141,354	1,479	1,479	1,479	23,700	-
143A	Torrington Housing	0.235724%	604,063	123,470	1,292	1,292	1,292	20,702	-
144D	Trumbull Monroe Health	0.167658%	429,638	87,818	919	919	919	14,724	-
146A	Rockville (Vernon) Hsg.	0.366660%	939,597	192,053	2,009	2,009	2,009	32,201	-
148A	Wallingford HA	0.128151%	328,398	67,124	702	702	702	11,255	-
152B	Waterford LC1303	1.532060%	3,926,032	802,478	8,396	8,396	8,396	134,549	-
152E	Waterford Custodial	0.823808%	2,111,077	431,502	4,514	4,514	4,514	72,349	-
152H	Waterford Local 161	0.333372%	854,294	174,617	1,827	1,827	1,827	29,278	-
152L	Waterford Cafe 224	0.154936%	397,037	81,154	849	849	849	13,607	-
152N	Waterford Para-Pro's	0.581431%	1,489,966	304,548	3,186	3,186	3,186	51,063	-
152S	Waterford Non-union	0.742159%	1,901,845	388,735	4,067	4,067	4,067	65,178	-
152T	Waterford Government	0.675930%	1,732,127	354,045	3,704	3,704	3,704	59,362	-
152W	Waterford Town	1.194472%	3,060,935	625,652	6,546	6,546	6,546	104,901	-
153R	Watertown Golf	0.038351%	98,278	20,088	210	210	210	3,368	-
153S	Watertown Town Supv.	0.214973%	550,886	112,601	1,178	1,178	1,178	18,879	-
153T	Watertown Town	0.357641%	916,485	187,329	1,960	1,960	1,960	31,409	-
155A	West Hartford Housing	0.484537%	1,241,667	253,796	2,655	2,655	2,655	42,553	-
156A	West Haven Housing	0.749431%	1,920,480	392,544	4,107	4,107	4,107	65,817	-
157E	Weston Education	2.232964%	5,722,158	1,169,604	12,237	12,237	12,237	196,104	-



			Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date				
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)					
Code	Division	Allocation Percentage			Year 1	Year 2	Year 3	Year 4	Year 5
			\$256,258,391	\$52,378,988	\$548,001	\$548,001	\$548,002	\$8,782,241	\$0
Employer Allocation									
157H	Weston Highway	0.439241%	1,125,592	230,070	2,407	2,407	2,407	38,575	-
157S	Weston Salary	0.592751%	1,518,974	310,477	3,248	3,248	3,248	52,057	-
157T	Weston Town	1.157026%	2,964,976	606,039	6,341	6,341	6,341	101,613	-
159A	Wethersfield Housing	0.202344%	518,523	105,986	1,109	1,109	1,109	17,770	-
162A	Winchester Housing	0.050067%	128,301	26,225	274	274	274	4,397	-
165A	Windsor Locks Housing	0.099153%	254,088	51,935	543	543	543	8,708	-
165E	Windsor Locks Edu.	0.999179%	2,560,480	523,360	5,476	5,476	5,476	87,750	-
165N	Windsor Locks Para’s	0.450660%	1,154,854	236,051	2,470	2,470	2,470	39,578	-
165T	Windsor Locks Town	1.352572%	3,466,079	708,464	7,412	7,412	7,412	118,786	-
167E	Woodbridge Education	0.818540%	2,097,577	428,743	4,486	4,486	4,486	71,886	-
167T	Woodbridge Town	1.509009%	3,866,962	790,404	8,269	8,269	8,269	132,525	-
169E	Woodstock Education	0.262013%	671,430	137,240	1,436	1,436	1,436	23,011	-
169T	Woodstock Town	0.502526%	1,287,765	263,218	2,754	2,754	2,754	44,133	-
170A	Norwich Housing	0.497916%	1,275,952	260,803	2,729	2,729	2,729	43,728	-
204E	District #4 – Custodians	0.247128%	633,286	129,443	1,354	1,354	1,354	21,703	-
204L	District #4 - B. of Ed	0.086798%	222,427	45,464	476	476	476	7,623	-
204N	District #4 - Non-Cert.	0.306074%	784,340	160,318	1,677	1,677	1,677	26,880	-
204S	District #4 –Secretarial	0.249103%	638,347	130,478	1,365	1,365	1,365	21,877	-
216B	Regional District 16	0.028269%	72,442	14,807	155	155	155	2,483	-
219E	Regional District 19	0.760762%	1,949,516	398,479	4,169	4,169	4,169	66,812	-
368D	Watertown Fire District	0.147219%	377,261	77,112	807	807	807	12,929	-
401D	Westport Health Dept.	0.310232%	794,996	162,496	1,700	1,700	1,700	27,245	-
403D	East Shore Health District	0.228353%	585,174	119,609	1,251	1,251	1,251	20,055	-
405D	L. Naugatuck Valley Health	0.474271%	1,215,359	248,418	2,599	2,599	2,599	41,652	-
410D	Quinnipiak Valley Health	0.248978%	638,027	130,412	1,364	1,364	1,364	21,866	-
413D	Uncas Health District	0.228769%	586,240	119,827	1,254	1,254	1,254	20,091	-
503A	Willimantic Housing	0.475026%	1,217,294	248,814	2,603	2,603	2,603	41,718	-
606W	Jewett City Street	0.081853%	209,755	42,874	449	449	449	7,189	-
715D	Southeast Ct. Planning	0.175363%	449,382	91,853	961	961	961	15,401	-
750D	Southeast Ct Water	0.184747%	473,430	96,769	1,012	1,012	1,012	16,225	-
751D	South Norwalk Electric	0.555243%	1,422,857	290,831	3,043	3,043	3,043	48,763	-
755D	Norwalk 1st Tax Dist.	0.814639%	2,087,581	426,700	4,464	4,464	4,464	71,544	-
756D	Norwalk 2nd Tax Dist.	1.382913%	3,543,831	724,356	7,578	7,578	7,578	121,451	-
757A	Connecticut Housing	0.129447%	331,719	67,803	709	709	709	11,368	-
799M	Southeast Ct Tourism	0.055414%	142,003	29,025	304	304	304	4,867	-



**SCHEDULE C (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Sensitivity and Remaining Deferred Inflows and Outflows by Employer as of June 30, 2015**

**GENERAL EMPLOYEES WITHOUT SOCIAL SECURITY**

Code	Division	Allocation Percentage	Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date				
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)	Year 1	Year 2	Year 3	Year 4	Year 5
			<b>\$211,340,750</b>	<b>\$37,217,371</b>	<b>\$377,531</b>	<b>\$377,531</b>	<b>\$377,529</b>	<b>\$7,571,424</b>	<b>\$0</b>
<b>Employer Allocation</b>									
015E	Bridgeport Education	33.361593%	70,506,641	12,416,308	125,950	125,950	125,950	2,525,948	-
015H	Bridgeport Grants	1.122313%	2,371,905	417,695	4,237	4,237	4,237	84,975	-
015T	Bridgeport City	27.723144%	58,590,300	10,317,825	104,663	104,663	104,663	2,099,037	-
044E	East Haven Education	2.447865%	5,173,336	911,031	9,241	9,241	9,241	185,338	-
044T	East Haven Town	3.812458%	8,057,277	1,418,897	14,393	14,393	14,393	288,657	-
089E	New Britain Education	13.776241%	29,114,811	5,127,155	52,010	52,010	52,009	1,043,058	-
089T	New Britain City	13.173813%	27,841,635	4,902,947	49,735	49,735	49,735	997,445	-
093W	GNH WPCA	3.011707%	6,364,964	1,120,878	11,370	11,370	11,370	228,029	-
753D	Mattabassett District	1.570866%	3,319,880	584,635	5,931	5,931	5,930	118,937	-





**SCHEDULE C (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Sensitivity and Remaining Deferred Inflows and Outflows by Employer as of June 30, 2015**

**POLICEMEN AND FIREMEN WITH SOCIAL SECURITY**

		Allocation Percentage	Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date					
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)	Year 1	Year 2	Year 3	Year 4	Year 5	
Code	Division									
			\$57,350,210	\$8,753,615	\$145,574	\$145,574	\$145,575	\$1,874,542	\$0	
Employer Allocation										
006P	Beacon Falls Police	0.592330%	339,702	51,850	862	862	862	11,103	-	
033P	Cromwell Police	6.067925%	3,479,968	531,163	8,833	8,833	8,833	113,746	-	
037P	Derby Police	7.904511%	4,533,254	691,930	11,507	11,507	11,507	148,173	-	
046P	Easton Police	3.420806%	1,961,839	299,444	4,980	4,980	4,980	64,124	-	
062P	Hamden Police	9.913096%	5,685,181	867,754	14,431	14,431	14,431	185,825	-	
078F	Mansfield Fire	2.241412%	1,285,454	196,205	3,263	3,263	3,263	42,016	-	
082P	Middlefield Police	0.400432%	229,649	35,052	583	583	583	7,506	-	
085P	Monroe Police	8.754860%	5,020,931	766,367	12,745	12,745	12,745	164,114	-	
086P	Montville Police	4.779473%	2,741,038	418,377	6,958	6,958	6,958	89,593	-	
091P	New Fairfield Police	1.190777%	682,913	104,236	1,733	1,733	1,733	22,322	-	
108P	Oxford Police	1.250331%	717,067	109,449	1,820	1,820	1,820	23,438	-	
111P	Plymouth Police	5.644015%	3,236,854	494,055	8,216	8,216	8,216	105,799	-	
116P	Putnam Police	3.085286%	1,769,418	270,074	4,491	4,491	4,491	57,835	-	
117P	Redding Police	4.035369%	2,314,293	353,241	5,874	5,874	5,874	75,645	-	
131F	Southington Fire	7.308961%	4,191,704	639,798	10,640	10,640	10,640	137,010	-	
152F	Waterford Fire	1.367071%	784,018	119,668	1,990	1,990	1,990	25,626	-	
152P	Waterford Police	9.978968%	5,722,959	873,520	14,527	14,527	14,527	187,060	-	
157P	Weston Police	4.656128%	2,670,299	407,580	6,778	6,778	6,778	87,281	-	
162P	Winchester Police	3.076929%	1,764,625	269,343	4,479	4,479	4,479	57,678	-	
164F	Windsor Dog	0.190184%	109,071	16,648	277	277	277	3,565	-	
165P	Windsor Locks Police	6.294727%	3,610,039	551,016	9,163	9,163	9,164	117,997	-	
167P	Woodbridge Police	5.404629%	3,099,566	473,100	7,868	7,868	7,868	101,312	-	
309F	Cromwell Fire	0.827991%	474,855	72,479	1,205	1,205	1,205	15,521	-	
312F	Easton Firefighters	1.613789%	925,511	141,265	2,349	2,349	2,349	30,251	-	



**SCHEDULE C (continued)**

**CONNECTICUT MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM**  
**Schedule of Sensitivity and Remaining Deferred Inflows and Outflows by Employer as of June 30, 2015**

**POLICEMEN AND FIREMEN WITHOUT SOCIAL SECURITY**

Code	Division	Allocation Percentage	Discount Rate Sensitivity		Deferred Amounts to be Recognized in Fiscal Years Following the Reporting Date				
			Net Pension Liability 1% Decrease Discount Rate (7.00%)	Net Pension Liability 1% Increase Discount Rate (9.00%)	Year 1	Year 2	Year 3	Year 4	Year 5
			<b>\$126,000,226</b>	<b>(\$34,988,414)</b>	<b>\$985,534</b>	<b>\$985,534</b>	<b>\$985,535</b>	<b>\$5,264,322</b>	<b>\$0</b>
<b>Employer Allocation</b>									
002P	Ansonia Police	2.928471%	3,689,880	(1,024,626)	17,016	17,016	17,016	143,622	-
014F	Branford Fire	2.485673%	3,131,954	(869,698)	14,443	14,443	14,443	121,906	-
015F	Bridgeport Fire	16.617702%	20,938,342	(5,814,270)	96,559	96,559	96,559	814,989	-
015P	Bridgeport Police	27.118315%	34,169,138	(9,488,268)	157,574	157,574	157,574	1,329,974	-
044F	East Haven Fire	3.018524%	3,803,347	(1,056,134)	17,539	17,539	17,539	148,039	-
044P	East Haven Police	3.151847%	3,971,334	(1,102,781)	18,314	18,314	18,314	154,577	-
077F	Manchester Fire	5.517035%	6,951,477	(1,930,323)	32,057	32,057	32,057	270,574	-
089F	New Britain Fire	4.710553%	5,935,308	(1,648,148)	27,371	27,371	27,371	231,022	-
089P	New Britain Police	6.859453%	8,642,927	(2,400,014)	39,858	39,858	39,858	336,411	-
095F	New London Fire	3.587174%	4,519,847	(1,255,095)	425,318	425,318	425,318	535,910	-
095P	New London Police	4.467847%	5,629,498	(1,563,229)	25,961	25,961	25,961	219,119	-
124P	Seymour Police	2.487066%	3,133,709	(870,185)	14,451	14,451	14,451	121,974	-
126P	Shelton Police	3.753945%	4,729,979	(1,313,446)	21,813	21,813	21,813	184,106	-
131P	Southington Police	4.699137%	5,920,923	(1,644,154)	27,305	27,305	27,305	230,462	-
137P	Stonington Police	2.376509%	2,994,406	(831,503)	13,809	13,809	13,809	116,552	-
164P	Windsor Police	4.029771%	5,077,520	(1,409,953)	23,415	23,415	23,415	197,634	-
370F	West Haven Fire	0.666217%	839,435	(233,099)	3,871	3,871	3,871	32,674	-
371F	West Shore Fire District	1.524759%	1,921,200	(533,489)	8,860	8,860	8,860	74,779	-



## **SCHEDULE D**

### **BENEFIT AND CONTRIBUTION PROVISIONS**

#### **MEMBERSHIP**

Municipalities may designate which departments (including elective officers if so specified) are to be covered under the Municipal Employees Retirement System. This designation may be the result of collective bargaining. Only employees covered under the State Teachers Retirement System may not be included. There are no minimum age or service requirements. Membership is mandatory for all regular full time employees of participating departments except Police and Fire hired after age 60.

#### **DEFINITIONS**

Average Final Compensation	Average of the three highest paid years of service.
Normal Form of Benefit	Life annuity.
Year's Breakpoint	With respect to the calendar year in which a member terminates service, \$10,700 increased by 6.0% each year after 1982, rounded to the nearest multiple of \$100. For 2014, the breakpoint is \$69,200.

#### **BENEFITS**

##### **Service Retirement Allowance**

Condition for Allowance	Age 55 and 5 years of continuous service, or 15 years of active aggregate service, or 25 years of aggregate service. Compulsory retirement at age 65 for police and fire members.
Amount of Allowance	<p>For members not covered by Social Security: 2% of average final compensation times years of service.</p> <p>For members covered by Social Security: 1-1/2% of the average final compensation not in excess of the year's breakpoint plus 2% of average final compensation in excess of the year's breakpoint, times years of service.</p> <p>The maximum benefit is 100% of average final compensation and the minimum benefit is \$1,000 annually. Both the</p>



minimum and the maximum include Workers Compensation and Social Security benefits.

If any member covered by Social Security retires before age 62, his/her benefit until he/she reaches age 62 or receives a Social Security disability award is computed as if he/she were not under Social Security.

Non-Service Connected  
Disability Retirement Allowance

Condition for Allowance 10 years of service and permanently and totally disabled from engaging in any gainful employment in the service of the Municipality.

Amount of Allowance Calculated as a service retirement allowance based on compensation and service to the date of the disability.

Service Connected Disability

Condition for Allowance Totally and permanently disabled from engaging in any gainful employment in the service of the Municipality provided such disability has arisen out of and in the course of his/her employment with the Municipality. Disability due to hypertension or heart disease, in the case of firemen and policemen, is presumed to have been suffered in the line of duty.

Amount of Allowance Calculated as a service retirement allowance based on compensation and service to the date of the disability with a minimum benefit (including Worker's Compensation benefits) of 50% of compensation at the time of the disability.

Vesting Retirement Allowance

Condition for Allowance 5 years of continuous or 15 years of active aggregate service.

Amount of Allowance Calculated as a service retirement allowance on the basis of average final compensation and service to the date of termination. Deferred to normal retirement age, or an actuarially reduced allowance may begin at the time of separation.

Death Benefit

Condition for Benefit Eligible for service, disability retirement, or vested allowance, and married for at least 12 months preceding death.

Amount of Benefit Computed on the basis of the member's average final compensation and creditable service at date of death, payable to the spouse. Benefit is equal to 50% of the average of the



life annuity allowance and the reduced 50% joint and survivor allowance.

#### Return of Deductions

Upon the withdrawal of a member the amount of his accumulated deductions is payable to him/her on demand, with 5% interest from July 1, 1983.

#### Optional Benefits

Prior to the retirement, a member may elect to convert his retirement allowance into a benefit of equivalent actuarial value in accordance with one of the optional forms described below:

1. A reduced retirement allowance payable during his life with the provision that after his death the beneficiary designated by him at the time of his retirement; or
2. A reduced retirement allowance payable during his life with the provision that after his death an allowance of one half of his reduced allowance will be continued for life to the beneficiary designated by him at the time of his retirement;
3. A reduced retirement allowance payable during his life with a guarantee of 120 or 240 monthly payments to the member or his designated beneficiary.

#### Cost-of-Living Adjustment

For those retired prior to January 1, 2002:

- (i) The benefits of disabled retirees, service retirees who have reached age 65, and beneficiaries of deceased retirees who would have reached age 65 are adjusted each July 1. The difference between the actual annual yield of the actuarial value of assets on a calendar year basis to a 6% yield is calculated. This difference is the adjustment applied the following July 1. The minimum adjustment is 3% and the maximum is 5%.
- (ii) The benefits for all others on the roll are adjusted on January 1, 2002 and on each subsequent July 1. The amount of each adjustment is 2.5%.

For those retiring in or after January 1, 2002, benefits are adjusted each July 1. The adjustment is 60% of the annual increase in the CPI up to 6%. The minimum annual COLA is 2.5%; the maximum is 6%.



### CONTRIBUTIONS

#### By Members

For members not covered by Social Security: 5% of compensation.

For members covered by the Social Security: 2-1/4% of compensation up to the Social Security taxable wage base plus 5% of compensation, if any, in excess of such base.

#### By Municipalities

Participating Municipalities make annual contributions consisting of a normal cost contribution, a contribution for the amortization of the net unfunded accrued liability and a prior service amortization payment which covers the liabilities of the System not met by member contributions.



## **SCHEDULE E**

### **STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS**

Adopted or reaffirmed by the Commission for the June 30, 2012 and later valuations.

**VALUATION INTEREST RATE:** 8.00% per annum, compounded annually, net of investment expenses.

**SALARY INCREASES:** Representative values of assumed annual rates of salary increase are as follows:

	<b>Annual Rates of</b>				
	<b>Merit &amp; Seniority</b>			<b>Increase Next Year</b>	
<b>Age</b>	<b>General Employees</b>	<b>Firemen &amp; Policemen</b>	<b>Base (Economy)</b>	<b>General Employees</b>	<b>Firemen &amp; Policemen</b>
20	7.50%	7.50%	3.50%	11.00%	11.00%
25	5.50%	7.50%	3.50%	9.00%	11.00%
30	4.50%	3.50%	3.50%	8.00%	7.00%
35	3.50%	2.50%	3.50%	7.00%	6.00%
40	2.50%	1.50%	3.50%	6.00%	5.00%
45	2.50%	1.00%	3.50%	6.00%	4.50%
50	2.00%	0.75%	3.50%	5.50%	4.25%
55	1.00%	0.75%	3.50%	4.50%	4.25%
60	0.75%	0.75%	3.50%	4.25%	4.25%
65	0.75%		3.50%	4.25%	
70	0.75%		3.50%	4.25%	

**COST OF LIVING ADJUSTMENTS:** Annually compounded increases are applied to disabled and non-disabled retirement benefits and vary based upon member age and date of retirement. For members that retired prior to January 1, 2002, increases of 3.25% are assumed for those who have reached age 65 and (effective January 1, 2002) increases of 2.50% are assumed for those who have not yet reached age 65. For members that retire after December 31, 2001, increases of 2.50% are assumed, regardless of age.

**SOCIAL SECURITY WAGE BASE INCREASES:** 3.50% per annum.



**SEPARATIONS FROM ACTIVE SERVICE:** Representative values of the assumed annual rates of separation before service retirement are as follows:

**GENERAL EMPLOYEES**

Age	Withdrawal and Vesting - Male	Withdrawal and Vesting - Female	Non-Service Related Disability*	Death	Service Retirement
20	18.00%	20.00%	0.02%	0.01%	
25	18.00	20.00	0.02	0.01	
30	12.00	15.00	0.03	0.01	
35	10.00	12.00	0.04	0.02	
40	7.50	10.00	0.05	0.02	
45	5.00	7.50	0.07	0.03	15.00%
50	5.00	5.00	0.12	0.05	15.00
55	5.00	5.00	0.44	0.08	7.00
60	5.00	5.00	0.86	0.12	10.00
65	5.00	5.00	1.84	0.20	20.00
70	5.00	5.00	2.99	0.31	15.00
75					100.00

**POLICEMEN AND FIREMEN**

Age	Withdrawal and Vesting	Service Related Disability*	Death	Service Retirement
20	7.00%	0.11%	0.01%	
25	7.00	0.14	0.01	
30	5.00	0.15	0.01	
35	4.00	0.22	0.02	
40	2.00	0.32	0.02	
45	1.00	0.49	0.03	25.00%
50	0.00	1.11	0.05	20.00
55	0.00	3.03	0.08	12.00
60	0.00	6.88	0.12	20.00
65				100.00

\*Service related disability rates for General Employees and Non-Service related disability rates for Policemen and Firemen are assumed to be zero at all ages.





**DEATHS AFTER RETIREMENT:** The RP2000 Mortality Table for Annuitants and Non-Annuitants (set forward one year for males and set back one year for females) is used for the period after retirement and for dependent beneficiaries. Representative values of the assumed annual rates of mortality are as follows:

Age	Men	Women	Age	Men	Women
40	0.114%	0.065%	65	1.441%	0.862%
45	0.162	0.103	70	2.457	1.486
50	0.245	0.155	75	4.217	2.546
55	0.420	0.242	80	7.204	4.151
60	0.768	0.444	85	12.280	6.952

For disabled retirees, the same table is used, adjusted with the male table set forward five years and the female table set forward one year.

**ASSET METHOD:** Market Value.

**VALUATION METHOD:** Entry Age Normal Cost method. See Schedule E for a brief description of this method.

**SPOUSES:** For members who have elected spouse coverage, husbands are assumed to be three years older than their wives.

**PERCENT MARRIED:** 80% of active members are assumed to be married.

**LOAD:** For those members who retired under and joint & survivor option and have no reported information for a prospective beneficiary, a probabilistic factor was applied to the reversionary portion of the liability. The factor measures the survivorship of the assumed spouse (with men three years older than women) from the date of retirement to the valuation date, based on the assumptions for death after retirement.