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November 19, 2014

Ms. Brenda Halpin, Director
State of Connecticut
Office of the State Comptroller
Retirement Services Division
55 Elm Street
Hartford, CT 06106

Dear Ms. Halpin:

Enclosed is the "Connecticut Judges, Family Support Magistrates, and Compensation Commissioners Retirement System Report of the Actuary on the Valuation Prepared as of June 30, 2014".

The valuation indicates that employer contributions at the rate of 54.69% of compensation are sufficient to support the benefits of the System.

Please let us know if there are any questions concerning the report.

Sincerely yours,

Thomas J. Cavanaugh, FSA, FCA, MAAA, EA
Chief Executive Officer

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

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

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Cavanaugh Macdonald
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The experience and dedication you deserve

CONNECTICUT JUDGES, FAMILY SUPPORT MAGISTRATES, AND COMPENSATION COMMISSIONERS RETIREMENT SYSTEM

REPORT OF THE ACTUARY ON THE VALUATION PREPARED AS OF JUNE 30, 2014

November 19, 2014

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

Members of the Commission:

Connecticut General Statutes Section 5-155a governs the operation of the Connecticut Judges, Family Support Magistrates, and Compensation Commissioners Retirement System. The actuary makes periodic valuations of the contingent assets and liabilities of the Retirement System at the direction of the Commission. We have submitted the report giving the results of the actuarial valuation of the Retirement System prepared as of June 30, 2014. The report indicates that annual employer contributions at the rate of 54.69% of compensation for the fiscal year ending June 30, 2016 are sufficient to support the benefits of the System.

In preparing the valuation, the actuary relied on data provided by the Comptroller's Office. While not verifying data at the source, the actuary performed tests for consistency and reasonableness. The information needed for this System under the new Governmental Accounting Standards Board Statement No. 67 will be provided in a separate report. However, for informational purposes only, we have also provided accounting information under GASB 25 and 27 in Section VI of the report.

The System is funded on an actuarial reserve basis. The actuarial assumptions recommended by the actuary and adopted by the Commission are in the aggregate reasonably related to the experience under the System and to reasonable expectations of anticipated experience under the System. The assumptions and methods used for funding purposes meet the parameters set for the disclosures presented in the financial section by Governmental Accounting Standards Board (GASB) Statement Nos. 25 and 27. The funding objective of the plan is that contribution rates over time will remain level as a percent of payroll. The valuation method used is the projected unit credit method. Gains and losses are reflected in the unfunded accrued liability which is being amortized as a level percent of payroll within a 17-year period. This period is based on the funding policy of SERS that amortizes the unfunded accrued liability over a declining period of years, starting with 40 years as of July 1, 1991.

This is to certify that the valuation was prepared in accordance with principles of practice prescribed by the Actuarial Standards Board, and that the actuarial calculations were performed by qualified actuaries in accordance with accepted actuarial procedures, based on the current provisions of the retirement system and on actuarial assumptions that are internally consistent and reasonably based on the actual experience of the System.

Future actuarial results may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented herein.

The undersigned meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Sincerely yours,

Thomas J. Cavanaugh, FSA, FCA, MAAA, EA
Chief Executive Officer

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

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

TJC/KC

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CONNECTICUT JUDGES, FAMILY SUPPORT MAGISTRATES, AND COMPENSATION COMMISSIONERS RETIREMENT SYSTEM
REPORT OF THE ACTUARY
ON THE VALUATION
PREPARED AS OF JUNE 30, 2014

SECTION I - SUMMARY OF PRINCIPAL RESULTS

1. For convenience of reference, the principal results of the current and preceding valuations are summarized below:

Valuation Date	June 30, 2014	June 30, 2012
Active members:		
Number	212	204
Annual compensation	$33,386,014	$30,308,176
Retired members and beneficiaries:		
Number	250	239
Annual allowances	$22,505,636	$20,519,302
Deferred Vested Members:		
Number	4	2
Annual allowances	$267,965	$104,325
Assets:		
Market Value	$187,780,001	$156,916,632
Actuarial Value	$190,150,039	$174,672,426
Unfunded actuarial accrued liability	$153,717,765	$144,847,720
Amortization period (years)	17	19
Funded Ratio	55.3%	54.7%
For Fiscal Year Ending	**June 30, 2016**	**June 30, 2014**
Actuarially Determined Employer Contribution (ADEC):		
Normal	$6,486,764	6,094,016
Accrued liability	$11,771,943	10,204,472
Total	$18,258,707	$16,298,488
Actuarially Determined Employer Contribution Rates (ADEC):		
Normal	19.43%	20.11%
Accrued liability	35.26%	33.67%
Total	54.69%	53.78%

2. All amounts shown that are prior to June 30, 2010 were developed and/or reported by the prior actuarial firm. The results of the valuation are given in Schedule A.

3. Comments on the valuation results are given in Section IV, comments on the experience and actuarial gains and losses during the valuation year are given in Section VII and the rates of contribution payable by employers are given in Section V.

4. Schedule B of this report presents the development of the actuarial value of assets.

5. Schedule D details the actuarial assumptions and methods employed. No changes have been made to the actuarial assumptions since the previous valuation.

6. Schedule F gives a summary of the benefit and contribution provisions of the plan. There was one change to the plan provisions since the last valuation:

   - A one-time decision was granted (before July 1, 2013) to members to maintain the current normal retirement eligibility beyond June 30, 2022. Employees who elected to maintain the eligibility are required to make additional employee contributions for the length of their remaining active service with JFSMCCRS.

7. The Governmental Accounting Standards Board issued Statement No. 67 (GASB 67) in June 2012 and is effective for plan years beginning after June 15, 2013, which is the year ending June 30, 2014 for the Retirement System. GASB 67 replaces GASB 25 for plans and a separate GASB 67 report will be prepared for the Board. However, GASB 27 is still in effect for employers and should you need this information, we have provided some supplemental disclosure information and tables in Section VI.

8. The table on the following page provides a history of some pertinent figures.

Connecticut Judges, Family Support Magistrates, and Compensation Commissioners Retirement System

Comparative Schedule*

	Active Members				Retired Lives				Valuation Results ($ thousands)		
Valuation Date June 30	Number	Payroll ($ thousands)	Average Salary ($ thousands)	% increase from previous year	Number	Active/ Retired Ratio	Annual Benefits ($ thousands)	Benefits as % of Payroll	Accrued Liability	Valuation Assets	UAAL
2006	217	31,803	146.6	5.5	220	0.986	16,430	51.7	246,871	169,666	77,205
2007	218	33,757	154.8	5.6	218	1.000	16,965	50.3	261,215	182,392	78,823
2008	220	33,982	154.5	(0.2)	225	0.978	17,790	52.4	267,016	191,719	75,297
2010	212	31,602	149.1	(3.5)	230	0.922	19,031	60.2	276,848	179,740	97,108
2012	204	30,308	148.6	(0.3)	239	0.854	20,519	67.7	319,520	174,672	144,848
2014	212	33,386	157.5	6.0	250	0.848	22,506	67.4	343,868	190,150	153,718

*All amounts prior to 2010 reported by prior actuarial firm.

SECTION II - MEMBERSHIP

Data regarding the membership of the System for use as a basis for the valuation were furnished by the Comptroller's office. The following tables summarize the membership of the Retirement System as of June 30, 2014 upon which the valuation was based. Detailed tabulations of the data are given in Schedule G.

Active Members

Group	Number	Payroll	Group Averages			
			Salary	Age*	Benefit Service*	Eligibility Service*
Judges	192	$30,369,294	$158,173	59.0	10.7	20.8
Compensation Commissioners	16	$2,495,964	$155,998	55.9	9.2	19.2
Family Support Magistrates	4	$520,756	$130,189	60.8	7.5	15.0
Total	212	$33,386,014	$157,481	58.8	10.5	20.6

*Years

Of the 212 active members, 168 are vested and 44 are non-vested.

Retired Lives

Type of Benefit Payment	No.	Annual Benefits	Group Averages	
			Benefit	Age*
Retirement	164	$17,973,685	$109,596	76.7
Survivor	86	$4,531,951	$52,697	80.5
Total	250	$22,505,636	$90,023	78.0

*Years

This valuation also includes 4 deferred vested members with estimated annual benefits of $267,965.

SECTION III - ASSETS

1. As of June 30, 2014, the total market value of assets amounted to $187,780,001 as reported by the Comptroller's Office. The actuarial value of assets used for the current valuation was $190,150,039. Schedule B shows the development of the actuarial value of assets as of June 30, 2014.

2. Schedule C shows receipts and disbursements of the System for the two years preceding the valuation date and a reconciliation of the fund balances at market value.

SECTION IV – COMMENTS ON VALUATION

1. Schedule A of this report outlines the results of the valuation of the Retirement System as of June 30, 2014. The valuation was prepared in accordance with the actuarial assumptions and methods set forth in Schedule D and the actuarial cost method which is described in Schedule E.

2. The valuation shows that the System has a total actuarial accrued liability of $343,867,804, of which $207,355,280 is for the benefits payable on account of present retired members, beneficiaries of deceased members, and inactive members entitled to deferred vested benefits, and $136,512,524 is for the benefits expected to be payable on account of present active members, based on service to the valuation date. Against these liabilities, the System has total present assets for valuation purposes of $190,150,039 as of June 30, 2014. When this amount is deducted from the actuarial accrued liability of $343,867,804, there remains $153,717,765 as the unfunded actuarial accrued liability.

3. The employer's contributions to the System consist of normal cost contributions and accrued liability contributions. The normal cost represents the ultimate cost of the benefits and the accrued liability contribution is an addition (reduction in case of a surplus) due to the amortization of the unfunded accrued liability. The valuation indicates that annual employer normal contributions at the rate of 19.43% of active members' compensation are required to provide the currently accruing benefits of the System.

4. Accrued liability contributions of 35.26% of payroll are required to be made to amortize the unfunded accrued liability within 17 years from the valuation date as a level percentage of projected payroll. See Schedule I of this report for a projection of the Unfunded Accrued Liability.

SECTION V – CONTRIBUTIONS PAYABLE BY EMPLOYER

The following table shows the amount and rate of contribution payable by the employer as determined from the present valuation for the 2015/2016 fiscal year.

Contribution for	Contribution Amount	Contribution Rate
Normal Cost:		
Service retirement benefits	$7,475,369	22.39%
Disability benefits	524,811	1.57
Survivor benefits	256,043	0.77
Total	$8,256,223	24.73%
Less Member Contributions:	$1,769,459	5.30%
Employer Normal Cost	$6,486,764	19.43%
Unfunded Actuarial Accrued Liabilities (17 year level percent of payroll amortization)	$11,771,943	35.26%
Total	$18,258,707	54.69%

The following table shows the estimated rates of contributions payable by the employer for the fiscal year ending June 30, 2017. These results assume an 8.00% investment return on actuarial value of assets and a 4.75% annual growth in the compensation of active members.

Contribution for	2016/2017	
	As % of Pay	$
Employer Normal Cost	19.43%	$6,794,886
Unfunded Actuarial Accrued Liabilities	35.37%	$12,368,601
Total	54.80%	$19,163,487

SECTION VI – ACCOUNTING INFORMATION

1. Governmental Accounting Standards Board Statements 25 and 27 set forth certain items of required supplementary information to be disclosed in the financial statements of the System and the employer. One such item is a distribution of the number of employees by type of membership, as follows:

NUMBER OF ACTIVE AND RETIRED MEMBERS
AS OF JUNE 30, 2014

GROUP	NUMBER
Retirees and beneficiaries currently receiving benefits	250
Terminated employees entitled to benefits but not yet receiving benefits	4
Active plan members	212
Total	466

2. Another such item is the schedule of funding progress as shown below.

SCHEDULE OF FUNDING PROGRESS
(Dollar amounts in thousands)

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) - PUC (b)	Unfunded AAL (UAAL) (b – a)	Funded Ratio (a / b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b – a) / c)
6/30/2006	$169,666	$246,871	$77,205	68.7%	$31,803	242.8%
6/30/2007	182,392	261,216	78,823	69.8	33,757	233.5
6/30/2008	191,719	267,016	75,297	71.8	33,982	221.6
6/30/2010	179,740	276,848	97,108	64.9	31,602	307.3
6/30/2012	174,672	319,520	144,848	54.7	30,308	477.9
6/30/2014	190,150	343,868	153,718	55.3	33,386	460.4

All figures prior to 6/30/2010 were reported by the prior actuarial firm.

3. The following shows the schedule of employer contributions (all dollar amounts are in thousands).

Fiscal Year Ending June 30	Valuation Date Ending June 30	Annual Required Contribution	Actual Contribution	Percentage Contributed
2012	2010	$15,095,489	$15,095,489	100%
2013	2010	16,005,904	16,005,904	100
2014	2012	16,298,488	16,298,488	100
2015	2012	17,731,131	N/A	N/A
2016	2014	18,258,707	N/A	N/A
2017	2014	19,163,487	N/A	N/A

4. The information presented in the required supplementary schedules was determined as part of the actuarial valuation at June 30, 2014. Additional information as of the latest actuarial valuation follows.

Valuation date	06/30/2014
Actuarial cost method	Projected Unit Credit
Amortization method	Level percent of payroll, closed
Remaining amortization period	17 years
Asset valuation method	5-year smoothed actuarial value
Actuarial assumptions:	
Investment rate of return	8.00%
Projected salary increases	4.75%
Cost-of-living adjustments	2.30% - 4.75%

SECTION VII – EXPERIENCE

Actual experience will never (except by coincidence) coincide exactly with assumed experience. It is assumed that gains and losses will be in balance over a period of years, but sizable year to year fluctuations are common. Detail on the derivation of the experience gain/(loss) for the two year period ended June 30, 2014 is shown below.

		$ Thousands
(1)	UAAL* as of June 30, 2012	144,847.7
(2)	Normal cost from 2012 valuation	7,609.4
(3)	Actual contributions during 2013 fiscal year	17,525.5
(4)	Interest accrual: [(1)+(2)] x .08 - [(3) x .0392]	11,509.1
(5)	Expected UAAL as of June 30, 2013: (1) + (2) – (3) + (4)	146,440.7
(6)	Normal cost for 2013 fiscal year	7,970.9
(7)	Actual contributions during 2014 fiscal year	17,939.1
(8)	Interest accrual: [(5)+(6)] x .08 - [(7) x .0392]	11,649.2
(9)	Expected UAAL as of June 30, 2014: (5) + (6) - (7) + (8)	148,121.7
(10)	Assumption Changes	0.0
(11)	Plan Changes	0.0
(12)	Expected UAAL as of June 30, 2014: (9) + (10) + (11)	148,121.7
(13)	Actual UAAL as of June 30, 2014	153,717.8
(14)	Gain/(loss): (12) – (13) (See Schedule H)	(5,596.1)
(15)	Gain/(loss) as percent of actuarial accrued liabilities as of June 30, 2012 ($319,520.1)	(1.8)%

*Unfunded actuarial accrued liability.

Valuation Date June 30	Actuarial Gain/(Loss) as a % of Beginning Accrued Liabilities
2012	(7.9)%
2014	(1.8)%

SCHEDULE A

RESULTS OF VALUATION

PREPARED AS OF JUNE 30, 2014

		JUNE 30, 2014
1.	**ACTUARIAL ACCRUED LIABILITY**	
	Present value of prospective benefits payable in respect of:	
	(a) Present active members	
	- Service retirement benefits	$126,532,972
	- Disability retirement benefits	6,644,490
	- Death and survivor benefits	3,335,062
	- Total	$136,512,524
	(b) Present inactive members and members entitled to deferred vested benefits:	$2,251,884
	(c) Present annuitants and beneficiaries	$205,103,396
	(d) Total actuarial accrued liability [1(a) + 1(b) + 1(c)]	$343,867,804
2.	**ACTUARIAL VALUE OF ASSETS**	$190,150,039
3.	**UNFUNDED ACTUARIAL ACCRUED LIABILITY [1(d) – 2]**	$153,717,765

SCHEDULE B

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS

			June 30, 2014	June 30, 2013
(1)	Actuarial Value Beginning of Year*		$177,320,690	$174,672,426
(2)	Market Value End of Year		187,780,001	168,353,246
(3)	Market Value Beginning of Year		168,353,246	156,916,632
(4)	Cash Flow			
	(a)	Contributions	17,939,066	17,525,514
	(b)	Disbursements	(21,668,299)	(20,932,361)
	(c)	Net: (4)(a) + (4)(b)	(3,729,233)	(3,406,847)
(5)	Investment Income			
	(a)	Market Total: (2) – (3) – (4)(c)	23,155,988	14,843,461
	(b)	Assumed Rate	8.00%	8.00%
	(c)	Amount for Immediate Recognition: [(1) x (5)(b)] + [(4)(c) x (5)(b) x 0.490092]	14,039,356	13,840,142
	(d)	Amount for Phased-In Recognition: (5)(a) – (5)(c)	9,116,632	1,003,319
(6)	Phased-In Recognition of Investment Income			
	(a)	Current Year: (5)(d) / 5	1,823,326	200,664
	(b)	First Prior Year	200,664	(2,548,361)
	(c)	Second Prior Year	(2,548,361)	2,440,845
	(d)	Third Prior Year	2,440,845	602,752
	(e)	Fourth Prior Year	602,752	(8,480,931)
	(f)	Total Recognized Investment Gain	2,519,226	(7,785,031)
(7)	Preliminary Actuarial Value End of Year: (1) + (4)(c) + (5)(c) + (6)(f)		190,150,039	177,320,690
(8)	Final Actuarial Value End of Year Using 20% Corridor: Greater of [(7) and .8 x (2)], but no more than 1.2 x (2)		190,150,039	177,320,690
(9)	Difference Between Market & Actuarial Values: (2) – (8)		(2,370,038)	(8,967,444)
(10)	Rate of Return on Actuarial Value		9.44%	3.50%

* Before corridor constraints, if applicable.

SCHEDULE C

SUMMARY OF RECEIPTS AND DISBURSEMENTS
(Market Value)

	YEAR ENDING	
Receipts for the Year	June 30, 2014 ($1,000's)	June 30, 2013 ($1,000's)
Contributions:		
Members	$ 1,641	$ 1,520
Employer	16,298	16,006
Subtotal	$ 17,938	$ 17,526
Investment Earnings	23,156	14,844
TOTAL	$ 41,095	$ 32,369
Disbursements for the Year		
Benefit Payments	$ 21,668	$ 20,816
Refunds to Members	0	86
Administrative Expenses	0	31
TOTAL	$ 21,668	$ 20,932
Excess of Receipts over Disbursements	$ 19,427	$ 11,438
Reconciliation of Asset Balances		
Asset Balance as of the Beginning of Year	$ 168,353	$ 156,917
Excess of Receipts over Disbursements	19,427	11,438
Asset Balance as of the End of Year	$ 187,780	$ 168,353
Rate of Return	13.91%	9.56%

SCHEDULE D

OUTLINE 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 expenses.

SALARY INCREASES: 4.75% at all ages.

COST OF LIVING ADJUSTMENTS:

Group	Rate
Hired prior to January 1, 1981 and retired prior to October 2, 2011	4.75%
Hired on or after January 1, 1981 and retired prior to October 2, 2011	2.60%
Retired on or after October 2, 2011	2.30%
All surviving spouses of active or retired members	2.30%

PAYROLL GROWTH ASSUMPTION: 4.75% per annum.

SEPARATIONS BEFORE SERVICE RETIREMENT: Representative values of the assumed annual rates of separation before service retirement are as follows:

WITHDRAWAL: None.

DISABILITY: 30% of 1975 Social Security Table

RETIREMENT: 50% are assumed to retire at later of age 65 and 10 years of service. The remaining actives are assumed to retire at age 70.

DEATHS AFTER RETIREMENT: The RP2000 Mortality Table for Annuitants and Non-Annuitants projected with Scale AA 15 years for men (set back 2 years) and 25 years for women (set back 1 year) 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	.086%	.044%	65	0.810%	0.760%
45	.107	.069	70	1.425	1.311
50	.142	.101	75	2.460	2.083
55	.219	.198	80	4.483	3.482
60	.414	.392	85	8.075	5.981

In our opinion, the projection of the mortality rates with Scale AA continues to provide a sufficient margin in the assumed rates of mortality to allow for additional improvement in mortality experience.

55% (men) and 80% (women) of the RP-2000 Disability Mortality Table is used for the period after disability.

ASSET METHOD: Actuarial Value, as developed in Schedule B. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected value of assets, based on the assumed valuation rate of return. The amount recognized each year is 1/5 of the difference between market value and expected actuarial value. In addition, the actuarial value of assets cannot be less than 80% or more than 120% of the market value of assets.

VALUATION METHOD: Projected Unit Credit 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.

SCHEDULE E

ACTUARIAL COST METHOD

The valuation is prepared on a projected benefit basis, under which the present value, at the interest rate assumed to be earned in the future (currently 8.00%), of each member's expected benefits at retirement or death is determined, based on age, service and sex. The calculations take into account the probability of a member's death or termination of employment prior to becoming eligible for a benefit, as well as the possibility of his terminating with a service, disability or survivor's benefit. Future salary increases are also anticipated. The present value of the expected benefits payable on account of the active members is added to the present value of the expected future payments to retired members, beneficiaries and members entitled to deferred vested benefits to obtain the present value of all expected benefits payable from the System on account of the present group of members and beneficiaries.

The Projected Unit Credit cost method is used to develop employer contributions. The employer contributions required to support the benefits of the System consist of a normal contribution and an unfunded actuarial accrued liability contribution.

The Actuarial Accrued Liability is determined as the present value of benefits accrued to the valuation date, where the accrued benefit for each active member is the pro-rata portion (based on service to the valuation date) of the projected benefit payable at termination, death, disability or retirement. The Actuarial Accrued Liability for deferred vested and inactive members is the present value as of the valuation date of their remaining benefit payments.

The normal contribution is determined as the present value of the portion of the projected benefit attributable to the year following the valuation date.

The Unfunded Actuarial Accrued Liability is determined by subtracting the Actuarial Value of Assets from the Actuarial Accrued Liability.

SCHEDULE F

SUMMARY OF MAIN SYSTEM PROVISIONS
AS INTERPRETED FOR VALUATION PURPOSES

The Connecticut Judges, Family Support Magistrates, and Compensation Commissioners Retirement System (CT JFSMCCRS) is a defined benefit pension plan established by the Connecticut General Assembly for the purpose of providing retirement allowances and other benefits for Judges, Family Support Magistrates, and Compensation Commissioners in Connecticut, and their survivors and other beneficiaries.

Eligibility Requirements

Any appointed Judge, Family Support Magistrate, or Compensation Commissioner of the State of Connecticut.

Final Average Compensation

For members hired prior to July 1, 2011, salary of office;
For members hired on or after July 1, 2011, Average annual salary for 5 years preceding retirement;

plus longevity payments based on service as follows:

Completed Years of Service	Annual Longevity as % of Compensation
0-9	0.0%
10-14	1.5%
15-19	3.0%
20-24	4.5%
25 or more	6.0%

Normal Retirement Benefit

Eligibility

For those who retire before July 1, 2022, the earliest of age 65 or 20 years of service or 30 years of total state service with at least 10 years as a Judge, Family Support Magistrate or Compensation Commissioner.

For those who retire on or after July 1, 2022, the earliest of age 65 with 10 years of vesting service, age 63 with 25 years of vesting service, or 30 years of vesting service.

Retirement is mandatory at age 70.

Benefit

66.67% of Final Average Compensation reduced for less than 10 years of service by a ratio of the number of years of completed service to the number of years of service which would have been completed at age 70, or 10 years, whichever is less.

Disability Retirement Benefit

Any member becoming permanently disabled is entitled to 66.67% of Final Average Compensation commencing upon determination of disability.

Death Benefit

The spouse of any member who was hired before January 1, 1981 and dies in active service or after retirement is entitled to 33.33% of the final compensation of the member at time of death commencing the first of the month after death.

The spouse of any member who was hired on or after January 1, 1981 and dies in active service is entitled to 33.33% of the final compensation of the member at time of death commencing the first of the month after death.

The spouse of any member who was hired on or after January 1, 1981 and who dies after retirement is entitled to 50% of the monthly benefit of the member at the time of death.

The spouse of any member who dies after leaving active service and before retirement is entitled to 50% of the benefit the member would have received upon retirement commencing when the member would have been eligible.

Deferred Vested Retirement Benefit

Eligibility

10 years of service.

Benefit

Members hired before 1981 who resign on or before October 1, 2011 – 50% of the retirement benefit at 10 years increasing to 100% after 15 years.

Members hired before 1981 who resign on or after October 2, 2011 – *100*% of the retirement benefit multiplied by the ratio of service at termination to projected service at the earliest retirement age (the earlier of age 65 or 20 years of service).

Members hired on or after January 1, 1981 – 100% of the retirement benefit multiplied by the ratio of service at termination to projected service at the earliest retirement age (the earlier of age 65 or 20 years of service).

Commencement

For members who resign on or before October 1, 2011 - Benefits shall commence upon the attainment of the earlier of age 65 or the attainment of 20 years of service (assuming the member had remained in service).

For members hired before 1981 who resign on or after October 2, 2011 – Benefits shall commence no earlier than at age 62.

For members hired on or after January 1, 1981 who resign on or after October 2, 2011 – Benefits shall commence no earlier than at age 65.

Cost of Living Adjustments

For members hired prior to 1981 and retire prior to October 2, 2011, benefits are increased in line with current compensation of an active member in the same position.

For members hired on or after January 1, 1981 and retire prior to October 2, 2011, benefits are increased in line with a cost of living index, not to exceed 3% per year.

For members retiring on or after October 2, 2011 and all surviving spouses, the annual adjustment will be 60% of the increase in CPI up to 6% and 75% of the increase in the CPI over 6%. The minimum COLA shall be 2.0% and the maximum COLA shall be 7.5%.

Member Contributions

Members contribute 5% of annual compensation. Upon withdrawal prior to benefit eligibility, contributions are refunded without interest.

SCHEDULE G

TABLES OF MEMBERSHIP DATA

STATUS RECONCILIATION OF ACTIVE AND INACTIVE MEMBERS

	Actives	Retirees	Disabled	Beneficiaries	Vested Terms	Total
1. Headcounts as of June 30, 2012	204	158	0	81	2	445
2. Change in status during two year period:						
a. Death	(2)	(15)		(7)		(24)
b. Disabled						
d. Retired	(19)	19				
e. Terminated Vested	(2)				2	
f. Terminated Not Vested						
g. Benefits Expired/Refund	(2)					(2)
3. New member due to:						
a. New Hires	31					31
b. Rehires	2					2
c. Death of Participant				11		11
d. Adjustments		2		1		3
4. Headcounts as of June 30, 2014	212	164	0	86	4	466

SCHEDULE G
(Continued)

The Number and Average Annual Compensation of Active Employees
By Age and Benefit Service as of June 30, 2014

Age	Years of Service							Total	
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 30	30 & Up	No.	Payroll
Under 25									$ 0
25 to 29									0
30 to 34									0
35 to 39		1						1	156,101
40 to 44	5	2						7	1,057,734
45 to 49	7	4	1					12	1,860,225
50 to 54	12	6	13	4				35	5,395,379
55 to 59	10	14	12	5				41	6,439,187
60 to 64	14	10	17	13	18	1		73	11,634,681
65 to 69	6	4	10	13	6	3		42	6,683,511
70 & Up				1				1	159,196
Total	54	41	53	36	24	4		212	$ 33,386,014

Average Age: 58.8
Average Benefit Service: 10.5
Average Eligibility Service: 20.6

SCHEDULE G
(Continued)

NUMBER OF RETIRED MEMBERS AND THEIR BENEFITS BY AGE

Age	Number	Total Annual Benefits	Average Annual Benefits
Under 60	1	$ 109,119	$ 109,119
60 – 64	7	798,340	114,049
65 – 69	20	2,176,738	108,837
70 – 74	41	4,546,060	110,880
75 – 79	30	3,344,916	111,497
80 – 84	36	3,949,863	109,718
85 – 89	23	2,395,263	104,142
90 & Over	6	653,386	108,898
Total	164	$ 17,973,685	$ 109,596

NUMBER OF BENEFICIARIES AND THEIR BENEFITS BY AGE

Age	Number	Total Annual Benefits	Average Annual Benefits
Under 60	0	$ 0	$ 0
60 – 64	5	320,637	64,127
65 – 69	9	462,311	51,368
70 – 74	7	369,613	52,802
75 – 79	17	887,559	52,209
80 – 84	16	839,424	52,464
85 – 89	14	715,659	51,119
90 & Over	18	936,748	52,042
Total	86	$ 4,531,951	$ 52,697

In addition, there are 4 deferred vested employees entitled to deferred annual benefits totaling $267,965.

SCHEDULE H

ANALYSIS OF FINANCIAL EXPERIENCE

Gains & Losses in Accrued Liabilities
Resulting from Difference Between
Assumed Experience & Actual Experience
($ Thousands)

Type of Activity	$ Gain (or Loss) For Two Year Period Ending 6/30/2014
Age & Service Retirements. If members retire at older ages, there is a gain. If younger ages, a loss.	$ 1,490.9
Disability Retirements. If disability claims are less than assumed, there is a gain. If more claims, a loss.	1,271.1
Death-in Service Benefits. If survivor claims are less than assumed, there is a gain. If more claims, there is a loss.	(474.6)
Withdrawal From Employment. If more liabilities are released by withdrawals than assumed, there is a gain. If smaller releases, a loss.	883.1
Pay Increases. If there are smaller pay increases than assumed, there is a gain. If greater increases, a loss.	2,567.9
New Members. Additional unfunded accrued liability will produce a loss.	(5,485.5)
Investment Income. If there is a greater investment income than assumed, there is a gain. If less income, a loss.	(5,698.6)
Death After Retirement. If retirants live longer than assumed, there is a loss. If not as long, a gain.	(599.0)
Other. Miscellaneous gains and losses resulting from changes in valuation software, data adjustments, timing of financial transactions, etc.	448.6
Gain (or Loss) During Year From Financial Experience	$ (5,596.1)
Non-Recurring Items. Adjustments for plan amendments, assumption changes, or method changes.	0.0
Composite Gain (or Loss) During Year	$ (5,596.1)

SCHEDULE I

PROJECTION OF UNFUNDED ACCRUED LIABILITY

Valuation Year	Unfunded Accrued Liability	Amortization Period	Amortization Payment
2014	$153,717,765	17	$11,771,943
2015	154,151,324	16	12,368,601
2016	155,355,344	15	13,110,376
2017	153,514,871	14	13,685,355
2018	150,985,874	13	14,290,473
2019	149,510,642	12	15,112,314
2020	147,320,271	11	16,012,636
2021	132,354,265	10	15,597,329
2022	123,636,251	9	15,955,165
2023	114,525,782	8	16,385,634
2024	104,181,975	7	16,786,604
2025	92,424,379	6	17,119,387
2026	79,163,950	5	17,336,493
2027	64,344,410	4	17,352,888
2028	47,954,004	3	16,986,657
2029	30,068,064	2	15,737,269
2030	10,956,637	1	11,296,580
2031	0		