FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013



December 2013

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December 3, 2013

Mr. Dan Drake State Retirement Director Division of Retirement PO Box 9000 Tallahassee, FL 32315-9000

Dear Mr. Drake:

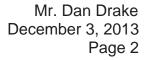
At your request, we have conducted our annual actuarial valuation of the Florida Retirement System (FRS) as of July 1, 2013, for assessing plan funded status and determining actuarially calculated contribution rates for plan year 2014-2015. The major findings of the valuation are contained in the following report.

Section I contains an Executive Summary of the results of our valuation followed by four sections containing detailed information on FRS Assets (Section II), Liabilities (Section III), Contributions (Section IV), and Accounting Statements (Section V). In the Appendices, we provide information regarding actuarial methods and assumptions, a summary of plan provisions, membership statistics, cost projections, comparisons/reconciliation, and a glossary of terms.

All costs and liabilities shown in this report have been determined on the basis of actuarial assumptions and methods set forth in Appendix A. The actuarial assumptions used in performing this valuation have been presented by the actuary and adopted by the committee at the October 2, 2013 Actuarial Assumption Conference based on Milliman's most recent review of the System's experience for the period July 1, 2003 through June 30, 2008, as modified by the February 16, 2010 study on House Bill 479 and the July 1, 2011 study on Senate Bill 2100, both of which were enacted into law.

A single set of assumptions was used in the report with one notable exception. Sections III and IV, which develop actuarially calculated contribution rates for the 2014-2015 plan year, use lower retirement rate assumptions than Section V, which develops accounting results for purposes of financial reporting under GASB Statements No. 25 and No. 27. The differences in the retirement assumptions used in the sections are related to the Deferred Retirement Option Program (DROP) available to eligible FRS members.







GASB requires financial reporting liabilities to be calculated in a manner that treats entry into the DROP as if it were equivalent to retirement. The retirement assumptions used in Section V are consistent with that GASB directive, with the rates used based on our most recent system experience review as noted above.

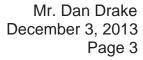
When the DROP was established, the Legislature required the DROP's effect on contribution rates to be handled in a manner that does not follow the typical funding structure used for a FRS benefit improvement. In addition, the funding structure does not follow that used by most systems that provide a DROP. First, the legislative directive asked FRS to assess the impact of DROP at a system, rather than at a membership class, basis. To computationally accomplish this directive, the retirement rate assumptions used for each membership class in Sections III and IV calculations do not explicitly recognize the probability of a member electing DROP participation, and the related impact on each class' liabilities and actuarially calculated contribution rates. As such, the retirement rates used in Sections III and IV are lower than those used in Section V. The difference between the Actuarial Liability and Normal Cost calculated on this legislatively directed basis and the basis for the same metrics calculated for Section V GASB financial reporting is converted into a "DROP contribution rate" which does not vary by membership class and is charged on the payroll of DROP members.

With the exception of the retirement assumption used in Sections III and IV per the legislative directives noted above, we believe the assumptions and methods used in this report are reasonable.

The results of this report are dependent upon future experience conforming to the assumptions disclosed in this report. Future actuarial measurements may differ significantly from the current measurements presented in this report due to many factors, including: 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) and changes in plan provisions or applicable law. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of future measurements.

Actuarial computations presented in this report are for purposes of assessing funded status and determining the actuarially calculated contribution rates for the System. Actuarial computations under GASB Statements No. 25 and No. 27 are for purposes of fulfilling financial reporting requirements. The calculations in the enclosed report have been made on a basis consistent with our understanding of the System's funding requirements and goals, and of GASB Statements No. 25 and No. 27. Determinations for purposes other than meeting those requirements referenced in this paragraph may be significantly different from







the results contained in this report. Accordingly, additional determinations may be needed for other purposes.

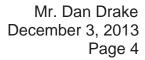
In preparing our report we relied, without audit, on information (some oral and some written) supplied by the Division of Retirement. This information includes, but is not limited to, statutory provisions, employee census, and financial information. In our examination of these data, we have found them to be reasonably consistent and comparable with data used for other purposes. Since the valuation results are dependent on the integrity of the data supplied, the results can be expected to differ if the underlying data is incomplete or missing. It should be noted that if any data or other information is inaccurate or incomplete, our calculations may need to be revised.

This actuarial valuation was prepared and completed by us and those under our direct supervision, and we acknowledge responsibility for the results. To the best of our knowledge, the results are complete and accurate, and in our opinion, the techniques and assumptions used, other than the assumption used for future payroll growth for amortization purposes, are reasonable and meet the requirements and intent of Part VII, Chapter 112, Florida Statutes. As noted previously, the payroll growth assumption was adopted by the FRS Assumptions Conference. There is no benefit provision or related expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise taken into account in the valuation. To the best of our knowledge, there were no known events that were not taken into account in the valuation.

Milliman's work product was prepared exclusively for the internal business use of Florida Department of Management Services, Division of Retirement, for a specific and limited purpose. It is a complex technical analysis that assumes a high level of knowledge concerning the Florida Retirement System's operations, and uses Division data, which Milliman has not audited. To the extent that Milliman's work is not subject to disclosure under applicable public record laws, Milliman's work may not be provided to third parties without Milliman's prior written consent. Milliman does not intend to benefit or create a legal duty to any third party recipient of its work product. Milliman's consent to release its work product to any third party may be conditioned on the third party signing a Release, subject to the following exceptions:

- (a) The Division of Retirement may provide a copy of Milliman's work, in its entirety, to the System's professional service advisors who are subject to a duty of confidentiality and who agree to not use Milliman's work for any purpose other than to benefit the System.
- (b) The Division of Retirement may provide a copy of Milliman's work, in its entirety, to other governmental entities, as required by law.







No third party recipient of Milliman's work product should rely upon Milliman's work product. Such recipients should engage qualified professionals for advice appropriate to their own specific needs.

The consultants who worked on this assignment are pension actuaries. Milliman's advice is not intended to be a substitute for qualified legal or accounting counsel.

On the basis of the foregoing, we hereby certify that, to the best of our knowledge and belief, this report is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with Actuarial Standards of Practice, the Code of Professional Conduct and Qualification Standards for Public Statements of Actuarial Opinion of the American Academy of Actuaries. We are members of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein.

Respectfully submitted,

Robert S. Dezube, F.S.A

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MMA

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SECTION I EXECUTIVE SUMMARY



Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

This report presents the results of our July 1, 2013 actuarial valuation of the Florida Retirement System (FRS) Defined Benefit Program. Key results of the valuation are:

- On a fair Market Value of Assets (MVA) basis, System funded status improved from 83.5% to 86.8%, with the MVA \$20.3 billion lower than Actuarial Liability as of July 1, 2013. This funded status improvement was driven by a plan year investment return, measure on a fair market basis, of 13.63%.
- On the smoothed Actuarial Value of Assets (AVA) basis used to determine actuarially calculated System contribution rates, funded status decreased from 86.9% to 85.9% during the plan year. The associated Unfunded Actuarial Liability (UAL) was \$21.6 billion as of July 1, 2013, which is an increase from the \$19.3 billion UAL calculated at the prior valuation. The plan year investment return on the smoothed asset measure was 8.02%, reflecting the manner in which the AVA measure reflects the effects of single-year market returns in a systematic manner over several years. The strong 2012-2013 MVA returns were offset by poor 2011-2012 MVA returns, leading to a smoothed AVA return close to the 7.75% assumption.
- The composite actuarially calculated employer contribution rate, which includes Normal Cost, UAL Cost and DROP funding components, increased by 0.50%, from 8.67% of payroll in the prior valuation to 9.17% of payroll in this valuation, with the increase driven by the UAL Cost component of the composite rate. Increases in the total rates (Normal Cost plus UAL Cost) vary significantly by classification. Rate changes were +0.45%, +0.83%, and -0.62% for the Regular class, Special Risk Regular class and DROP payrolls, respectively. Increases for other member classifications were more significant. The causes for the composite rate increase of the UAL Cost component are discussed in more detail immediately below. The cumulative effect of three years (July 2010 June 2013) of legislative funding rates being below actuarially calculated rates is that the composite UAL Cost rate in this valuation is approximately 0.50% of payroll higher than it otherwise would have been.

This valuation is used to determine actuarially calculated rates for the 2014-2015 plan year. The actual contribution rates paid by participating employers during that plan year will be determined by Florida Statute. The most notable result of this year's rate calculations is an increase in the actuarially calculated "UAL Cost". The UAL Cost is calculated to eliminate the UAL systematically over a specified time period if future experience follows assumptions. The composite UAL Cost increased by 0.54% of applicable payroll, from 4.00% to 4.54%, when compared to the composite rate from the prior valuation. Causes of the composite UAL Cost increase since last year are the following, in decreasing order of approximate magnitude:

1) Plan experience during the year, which increased the 2013 UAL by \$1.2 billion (approximately 25 basis points, or 0.25% of applicable payroll)when compared to



expected levels – The \$1.2 billion experience-driven UAL increase is a net figure that encompasses all sources of positive and negative deviations from long-term assumptions during the plan year for both member census and investment returns on the smoothed asset measure used for the UAL calculation. The largest line item contributor to the net increase was a one-time increase in 2013 UAL of approximately \$2.5 billion due to improved reporting of census data for some newly inactive members and DROP participants by the Division of Retirement. By comparison, the plan year investment return on the smoothed AVA measure was a line item experience-driven UAL decrease of approximately \$0.3 billion.

Based on discussions with the Division of Retirement, we believe that this large magnitude increase in liability due to census reporting improvements will be a one-time event. Continuing monitoring efforts by the Division of Retirement could potentially identify other adjustments in the future. The identification of the members in the improved census reporting are part of a coordinated effort between the Division of Retirement and Milliman in response to a review of the previous valuation by Gabriel, Roeder, Smith & Company on behalf of the Florida Legislature's Office of Program Policy & Governmental Accountability. The effort is focused on increased transparency and understandability in the actuarial valuation report, with a particular emphasis on the explanation of the sources of year-to-year experience gains and losses which affect the reported UAL.

The system had strong investment performance, earning 13.63% during the plan year on a fair market basis. However, as noted above, the UAL calculation uses a smoothed AVA measure that systematically recognizes good or bad single-year fair market investment experience over a multi-year period. The smoothed asset measure earned 8.02% during the plan year (compared to the 7.75% assumption) as investment underperformance from previous years is still being systematically recognized. The portion of this year's strong investment performance not currently recognized in the smoothed AVA will be recognized in future years.

Additional details and discussion on the effects of the items noted above can be found in the experience section of this executive summary. Please note that prior to the next valuation we will conduct an actuarial experience study that will review the long-term assumptions and methods used to perform the valuation calculations. The study will review observed plan experience from the 2008-2009 to 2012-2013 plan years, and any recommendations from that study which are adopted by the Assumptions Conference will be reflected in the 2014 actuarial valuation, which determines actuarially calculated rates for the 2015-2016 plan year.



- 2) Actual payroll growth less than assumed (approximately 20 basis points, or 0.20% of payroll) Actuarially calculated contribution rates are developed each year so as to systematically eliminate UAL over a specified period of time if future experience follows assumptions. The amortization calculation is done to make amortization payments level as a percentage of projected payroll. Payroll growth from 2012 to 2013 was flat, compared to the long-term valuation assumption of 4% annual growth. This payroll experience led to an upward adjustment in the amortization rates, as the UAL is being amortized over a lower than anticipated payroll.
- 3) Plan year contributions lower than the actuarially calculated rate (approximately 15 basis points, or 0.15% of payroll) - The actuarially calculated composite rate for the 2012-2013 plan year, reflecting a systematic amortization of UAL, was approximately 2.95% of payroll above the composite contribution level for the 2012-2013 plan year as established by Florida Statute. This meant that actual 2012-2013 plan year contributions were approximately \$725 million below those related to actuarially calculated rate levels. This single-year funding below the actuarially calculated level created additional UAL for the System. There is a "carrying charge" in future years for deferring funding in a single plan year below actuarially calculated levels. The UAL Cost increase for the 2012-2013 plan year deferral is a 30-year amortization of approximately 0.15% of applicable payroll, when calculated at a composite level. For member classifications other than FRS Regular, this single-year effect is markedly higher than 0.15% as the difference between the 2012-2013 actuarially calculated rates and the legislated 2012-2013 contribution rates for those classes was far higher than 2.95% of payroll.

In addition, please note that legislated contribution rates were below the actuarially calculated rates for all membership classes for a three-year period from July 2010 to June 2013, creating an underfunding rate disparity between the actuarially calculated and legislated rates for a three-year period. That disparity ended with the rates enacted by the Legislature effective July 2013. The 0.15% of payroll amount shown above is the effect of the single-year underfunding for the 2012-2013 plan year.

The composite underfunding for the two plan years preceding the 2012-2013 year, measured as a percentage of composite payroll, was moderately more pronounced. Composite underfunding was 3.68% and 3.31% of payroll for the 2010-2011 and 2011-2012 plan years, respectively. The cumulative effect of the three years with underfunding rate disparities is that composite UAL Cost rates in this valuation are approximately 0.50% of payroll higher than they would have been without the three years (June 2010-June 2013) of rate disparities.



Please note that the effects of the three-year underfunding on the UAL Cost rate vary significantly by class. Classes with greater magnitudes of underfunding, when measured as a percent of payroll, have larger accumulated three-year increases for this "carrying cost" effect in the 2014-2015 plan year rates calculated in this 2013 valuation report.

We also would like to point out several other key items regarding this valuation:

- The composite employer Normal Cost Rate, excluding DROP, remained essentially flat at 4.67% of payroll on July 1, 2013. The rate calculation methodology approved by the Assumptions Conference uses the Ultimate Entry Age Normal (Ultimate EAN) actuarial cost allocation method. Under Ultimate EAN, the Normal Cost is calculated as the rate that would be applicable if the plan provisions of Senate Bill 2100 for members hired on or after July 1, 2011 applied to all members from entry into the FRS. Of course, the present value of total projected benefits calculated for each member reflects the actual tier in which the member participates. As such, the rate methodology used understates Normal Cost but overstates Actuarial Liability when compared to some alternative rate calculation methodologies, such as the Individual Entry Age Normal (Individual EAN) methodology that will be mandated by GASB for future year financial reporting calculations under GASB Statements 67 & 68.
- The Ultimate EAN cost allocation method being used for liability and rate calculations, like any actuarial cost method, divides the present value of total projected benefits for each active member between past service (Actuarial Liability, or AL) and future service (present value of future normal costs). The cost allocation method does not impact the calculation of the present value of total projected benefits. Just as there are various cost allocation methods which can be selected by sponsors to set contribution policy, there can be multiple possible approaches to the application of a particular cost allocation method. The approach to Ultimate EAN being used in this valuation, consistent with past practice, calculates the portion of total projected benefits allocated to future service based on the assumption that the length of the Tier I member's future service period follows Tier II assumptions. An alternate approach to Ultimate EAN would use an expected future service period based on Tier I assumptions. Generally, the alternate approach would allocate less of the total projected benefits to future service and more to the past service (Actuarial Liability). We will be reviewing the cost allocation method, along with all other assumptions and methods, during the upcoming experience study. If the Assumptions Conference elects to continue use of the Ultimate EAN method for rate calculations, we would anticipate recommending adoption of the alternate approach noted above for the Ultimate EAN method. If that change had been made for this valuation, the associated increase in reported Actuarial Liability would have been approximately \$765 million. The Normal Cost under either approach is equivalent.



In general, throughout this report, any reference to FRS refers to the FRS Defined Benefit Program, unless noted to the contrary.

The tables immediately following compare July 1, 2012 actuarial valuation results with July 1, 2013 actuarial results. The difference column shows the change between the July 1, 2013 valuation results and the July 1, 2012 results.



A. Assets, Liabilities, and Funded Status

A comparison of the Actuarial Liabilities and Actuarial Value of Assets (AVA) follows. These figures are based upon the actuarial assumptions used to determine the actuarial costs of the FRS (see Appendix A). Under current methodology, and as required by Florida law, the AVA cannot be less than 80% or greater than 120% of the Market Value of Assets (MVA). This corridor restriction does not come into play unless there are dramatic asset gains or losses in the prior plan year. The purpose of the corridor is to ensure that the "smoothed" value of assets does not vary from the market value by more than 20%. As of July 1, 2013, the AVA is 98.99% of the MVA.

	Valuation F	Results (numbers in	s \$ billions)
	July 1, 2012	July 1, 2013	Difference
1. Actuarial Liability	\$147.2	\$153.3	\$ 6.1
2. Actuarial Value of Assets	\$127.9	\$131.7	\$ 3.8
3. Unfunded Actuarial Liability (1 – 2)	\$ 19.3	\$ 21.6	\$ 2.3
4. Funded Status (2 / 1)	86.9%	85.9%	(1.0%)

In Section V of this report we present an additional measure of funded status, the "accumulated benefit obligation" (ABO), based on both the AVA and the MVA.

B. Contributions

Actuarially calculated contribution rates by class are determined annually in the actuarial valuation. Actual contribution rates paid by employers for each class are set by statute and consist of Normal Cost and UAL Cost components. For the 2013-2014 plan year, the actuarially calculated rates set by the 2012 valuation and the legislated rates are equivalent. The 2014-2015 actual contribution rates will be set during the 2014 legislative session, with advice from this valuation. The Unfunded Actuarial Liability amortization payment will consist primarily of costs or savings associated with plan changes, assumption changes, differences in actual and expected experience, or changes in actuarial methodology (if applicable). As of July 1, 2013 the FRS has a UAL of \$21.6 billion. The UAL Cost is calculated to eliminate the UAL over a pre-determined period if future experience follows assumptions.



The comparative FRS Regular and Special Risk contribution rates resulting from this valuation and the prior valuation are as follows. See Section IV for more details on rate development and valuation results for all classes.

	Valu	, 2012 ation 14 Rates)	Valu	, 2013 ation 15 Rates)	Diffe	rence
	FRS Reg	Special Risk	FRS Reg	Special Risk	FRS Reg	Special Risk
Normal Cost	3.53%	10.75%	3.53%	10.76%	0.00%	0.01%
UAL Cost	2.56%	<u>8.13%</u>	3.01%	<u>8.95%</u>	0.45%	<u>0.82%</u>
Preliminary FRS Contribution Rate	6.09%	18.88%	6.54%	19.71%	0.45%	0.83%

C. Membership

The total membership (active, terminated vested, retired, and DROP) of the FRS Defined Benefit Program increased by 13,840 members from 992,686 as of July 1, 2012, to 1,006,526 as of July 1, 2013, an increase of 1.4%. The total annualized projected payroll of non-DROP active members decreased by 0.14%, from \$22.09 billion for the 2012-2013 plan year to \$22.06 billion for the 2013-2014 plan year, a \$0.03 billion decrease in payroll. Note that the payroll on which UAL Cost rates are determined is higher, and includes the payroll of DROP and members in Optional Retirement Plans subject to the UAL contribution.

A summary of membership change by status follows:

	Valuat	ion Results: Cour	nts
	July 1, 2012	July 1, 2013	% Change
Active Members	517,287	513,823	-0.7%
Terminated Vested Members	103,151	105,346	2.1%
Retired Members	331,694	345,189	4.1%
DROP Members	40,554	<u>42,168</u>	4.0%
Total Members	992,686	1,006,526	1.4%



D. Experience

Several factors contributed to the changes in the assets, liabilities and contribution rates for FRS between July 1, 2012 and July 1, 2013. These factors included:

1. Assets:

The assets of the FRS, measured on an AVA basis (i.e., smoothed), increased by \$3.789 billion. This change was attributable to the following:

Change Due to:

•	Contributions Received	\$2.084
•	Payment of Benefits, and Expenses	(8.302)
•	Plan Year Investment Returns	10.007

Total \$3.789 billion

Of this total change, an increase of \$3.452 billion was expected, based on our assumption that the assets of the FRS would earn 7.75% during plan year 2012-2013. However, the actual annualized investment return on the AVA was 8.02% resulting in an investment gain of \$0.337 billion. On a market value basis, the assets of the FRS earned 13.63%.

On a year-by-year basis, the assets earned the following:

	R	ates of Return*	
Asset Bases	2010/2011	2011/2012	2012/2013
Market Value	22.79%	0.21%	13.63%
Actuarial Value	8.39%	6.74%	8.02%

^{*} Assumes net cash-flow occurs mid-year



2. Liabilities:

The Actuarial Liability of the FRS increased by \$6.110 billion. This increase is attributable to the following:

Change due to:

 Expected Increase, Due to Combined Effects of Normal Cost less Benefit Payments plus Interest- Related Growth in the Actuarial Liability 	\$4.608	
Plan, Assumption or Method Changes	\$0	
 Plan Year Experience Liability (Gains) / Losses Retired, Disabled, & Beneficiary Mortality Inactive/DROP Members Due to Improved Reporting Exits from Active Service Salary Increases Less Than Assumed New Active Members (Includes Rehires) 	(0.010) 2.493 0.385 (1.626) 0.415	1
Other Demographic Causes Not Noted Above	(0.155)	
Total Increase	\$6.110	Billion

Includes the net effects of retirement, DROP entry, second election transfers to the Investment Plan and all other cessations of active service, when compared against assumed experience.



3. Unfunded Liability:

The net change in the UAL of the FRS was an increase of \$2.321 billion, from \$19.301 billion to \$21.622 billion. The increase is attributable to the following:

Change due to:

 Expected Increase, Based on Actual Contributions 		
Investment Blog Veer Evergiones	\$1.156	
Investment Plan Year Experience	(0.337)	
Liability Plan Year Experience	1.502	
	1.502	
Total	\$2.321	Billion

See table on the following page for total gains/losses by class.



UAL 2012 – 2013 Plan Year (Gain)/Loss Experience by Source (All Amounts in Thousands)

\$1,164,951	\$105,503	\$19,893	\$5,280	\$17,227	(\$300)	\$71,018	\$946,329	Total UAL Plan Year Experience (Gain)/Loss
\$1,501,786	\$111,545	\$20,774	\$5,442	\$19,236	(\$88)	\$133,105	\$1,211,772	Total Liability Plan Year Experience (Gain)/Loss
(154,768)	54,424	(376)	(1,768)	2,674	415	(192,074)	(18,063)	Other Demographic Changes Not Noted Above
415,172	18,228	4,506	747	3,436	0	65,080	323,175	New Active Members (Includes Rehires)
(1,626,109)	(25,872)	(392)	(699)	(12,137)	(322)	(369,866)	(1,216,861)	Salary Increases Less Than Assumed
384,925	(9,075)	3,871	1,447	7,575	(514)	245,055	136,566	Exits from Active Service 1
2,492,243	71,872	13,640	5,569	22,872	420	393,876	1,983,994	Inactive/DROP Members Due to Improved Reporting
(\$9,677)	\$1,968	(\$475)	\$106	(\$5,184)	(\$87)	(\$8,966)	\$2,961	Mortality for Retired, Disabled & Beneficiary Members
								Liability Plan Year Experience (Gain)/Loss by Source
(\$336,835)	(\$6,042)	(\$880)	(\$161)	(\$2,010)	(\$212)	(\$62,087)	(\$265,442)	Total Investment Plan Year Experience (Gain)/Loss
(43,737)	(785)	(114)	(21)	(261)	(28)	(8,062)	(34,467)	Allocation of DROP Investment (Gain)/Loss
(\$293,098)	(\$5,258)	(\$766)	(\$140)	(\$1,749)	(\$184)	(\$54,025)	(\$230,976)	Investment (Gain)/Loss (excluding DROP)
Grand Total	Senior Management	s County	Elected Officers' Class Leg-Atty-Cab	Ele Judges	Risk <u>Administration</u>	Special Risk <u>Regular</u> Admini	FRS <u>Regular</u>	

¹ Includes the net effects of retirement, DROP entry, second elections to join the Investment Plan and all other cessations of active service, when compared to assumption. Transfers between membership classes are valued as withdrawals from the prior membership class and new entrants into the new membership class.



FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013

Contributions: 4.

On a level-rate-of-pay basis, the FRS contribution rates for each membership class changed as follows:

s' Class Senior	ab County Management	% 8.30% 4.77%	<u>6</u> <u>33.57%</u> <u>16.24%</u>	6 41.87% 21.01%	% 8.21% 4.76%	<u>46.01%</u> <u>20.03%</u>	6 54.22% 24.79%	
Elected Officers' Class	Leg-Atty-Cab	% 6.42%	<u>34.50%</u>	40.92%	6.14%	<u>50.85%</u>	%66.96%	
	ion Judicial	9.98%	18.39%	28.37%	10.02%	23.69%	33.71%	i
Special Risk	<u>r</u> Administration	3.76%	42.15%	45.91%	3.68%	51.44%	, 55.12%	
	ar Regular	, 10.75%	8.13%	, 18.88%	, 10.76%	8.95%	, 19.71%	
FRS	Regulai	3.53%	2.56%	%60.9	3.53%	3.01%	d 6.54%	Č
		July 1, 2012 Employer Normal Cost	UAL Cost	Total July 1, 2012 Actuarially Calculated Employer Contribution Rate	July 1, 2013 Employer Normal Cost	UAL Cost (See Table IV-11)	Total July 1, 2013 Actuarially Calculated Employer Contribution Rate	Change in Total Actuarially Calculated
		•	•	•	•	•	•	•
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FLORIDA RETIREMENT SYSTEM

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E. Graphs

Chart A: ASSET / LIABILITIES

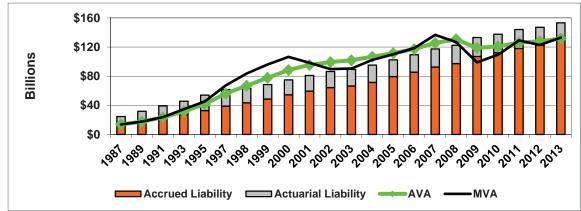


Chart B: CASH FLOWS

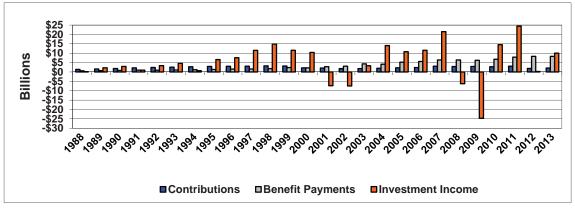


Chart C: ACTUARIALLY CALCULATED CONTRIBUTION RATES (as % of Payroll)

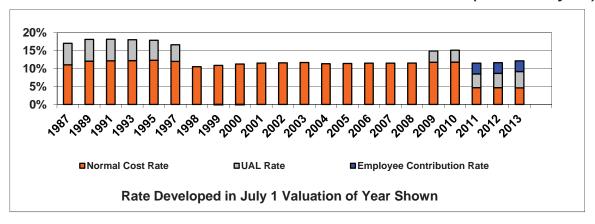
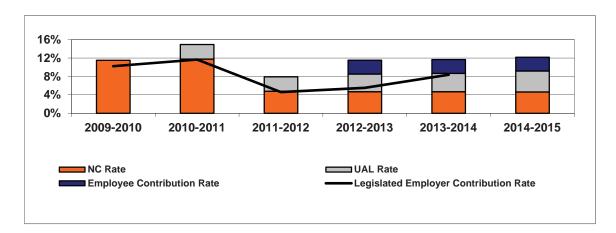




Chart D: ACTUARIALLY CALCULATED vs. LEGISLATED EMPLOYER CONTRIBUTION RATES (as % of Payroll)





F. Summary Comments

We caution that the results herein are applicable only for the next plan year. More than anything, future investment results will impact future contribution rates.

- The most recent experience study covered the period from July 1, 2003 to June 30, 2008. Experience studies are performed every five years and compare actual plan experience to the assumptions set forth in this report. This valuation reflects the assumption changes proposed by the June 30, 2008 experience study and adopted in plan year 2009–2010, as modified by the February 16, 2010 study on House Bill 479 and the July 1, 2011 study on Senate Bill 2100, both of which were enacted into law. The next regularly scheduled experience study will occur prior to completion of the July 1, 2014 actuarial valuation.
- As discussed at the 2013 Assumption Conference, there are several areas which
 we anticipate will receive significant discussion during the experience study.
 These include the payroll growth assumption, since observed payroll growth has
 lagged assumption over the past several years. Other areas of focus will include
 the cost allocation method, amortization policy and the funding structure for the
 DROP.

In attempting to anticipate future rates for the System, it is important to remain cognizant of the Investment Plan (IP) defined contribution program, which is available as an alternative to the defined benefit program for employees. The existence of the IP affects the DB plan contribution rates insomuch as active members can elect to participate in either the DB plan or the IP. Thus, plan election decisions can affect the demographic composition of the DB plan. Current IP membership is near 17% of total active membership.

We mention these caveats because the actuarial process merely measures the impact of these factors on FRS costs and liabilities after they have occurred. Unanticipated benefit or salary changes, changes in member behavior (e.g., withdrawal rates, rates of retirement, etc.), or changes in investment return could necessitate a change in the contribution rates.

Finally, we caution the readers of this report not to overemphasize the results of any single valuation as long-term trends are more important.



G. DROP Contribution Rate

When DROP was enacted into law, guidance from the legislature directed that it be funded in such a way that its enactment not impact the contribution rates of the classes of membership. The Florida Legislature has annually approved this funding method. To comply with this directive, we have developed a non-traditional funding mechanism in which the DROP is funded through a separate contribution rate to be paid by the employers of DROP participants. In addition, the asset reallocation developed in Table II-6 is based on the presumption that assets assigned to the current DROP members equal the same percentage of DROP liabilities as the funded percentage of the FRS. This prevents the under or over funding of the DROP from affecting the UAL contribution rates of the other membership classes.

To comply with GASB standards (both current and forthcoming standards), we do a second actuarial valuation where we explicitly recognize the DROP. Specifically, the expected retirement assumptions include the probability of participants electing the DROP. Adjustments are made for the value of future DROP liabilities versus the liability associated with traditional retirements.

For purposes of developing actuarially determined contribution rates for other than DROP participants, which includes recognizing prior Legislative guidance and Assumption Conference approval, we must ignore the existence of the DROP. To accomplish this, we complete the valuation assuming that one-half of those participants who elect the DROP would immediately retire had DROP not been enacted into law. The other 50% would retire in accordance with the retirement (non-DROP) assumptions developed as a result of the most recent experience study.

The first component of the DROP contribution rate (referred to as the Normal Cost component) is based on the difference in the results of the aforementioned two separate valuations:

- Funding Scenario one in which DROP did not exist. In this scenario we
 estimated that half of those electing to go into DROP would have retired in the
 absence of the DROP.
- GASB Scenario one in which the DROP exists as it does today, and retirement rates include expectation of members entering DROP.

The difference in these two scenarios represents the additional cost of assuming current active members will elect the DROP in the future. The difference in the dollar amount of the normal cost and the amortization cost of the two scenarios (using a 30-year level dollar amortization) represents the DROP contribution associated with future participation in DROP. This dollar amount is divided by current DROP payroll to



determine the DROP contribution rate of 4.30%, compared with 4.63% determined by the July 1, 2012 valuation. The total DROP contribution rate for the July 1, 2013 valuation is 11.02% of DROP payroll (the sum of the 4.30% DROP contribution rate plus the 6.72% UAL contribution).

The second part of the DROP contribution rate is referred to as the UAL component and is consistent with the UAL component of the other membership classes. Essentially, DROP employers are assigned a proportional share of the AVA. To accomplish this, assets are reallocated so that the DROP percent funded is the same as the overall System. This asset re-allocation results in a UAL contribution rate of 6.72% of current DROP payroll increasing at the 4% payroll growth assumption.



SECTION II ASSETS



Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

In many respects, an actuarial valuation can be considered similar to an inventory process. The inventory is taken annually as of the actuarial valuation date, which for this valuation is July 1, 2013. On that date the assets available for the payment of current and future benefits are appraised. These assets are compared with the inventory of Actuarial Liabilities. This inventory process leads to a method of calculating what contributions by members and/or their employers are needed to systematically eliminate any shortfall. The calculations are based on input from the Assumptions Conference for the appropriate length of time over which to systematically eliminate the shortfall, which is technically referred to as Unfunded Actuarial Liability, if future experience follows assumptions.

This section of the report deals with the asset determination. In the next section, the Actuarial Liabilities will be discussed. Section IV will deal with the process for determining required contributions, based upon the relationship between the assets and Actuarial Liabilities.

Two measures of FRS assets are presented in the valuation:

The market value of assets provides the most accurate fair market "snapshot date" assessment of plan resources at a given date, and will be used on the balance sheet statements of position for the System and participating employers when upcoming GASB financial reporting standards come into effect. It tends to be the more volatile of the two asset measures and therefore is not used for determining the required payroll contribution rates.

The actuarial value of assets is a second inventory measure of FRS asset holdings. It is related to the market value of assets, but uses a smoothing technique applied to mitigate year-to-year market fluctuations by recognizing actual single year investment returns different from the long-term 7.75% assumption systematically over a multi-year period. It is used to stabilize year-to-year changes in the FRS contribution rates we calculate in the valuation.

The actuarial smoothed asset valuation measure, implemented in 1989, reflects a five-year averaging methodology, as required by Florida Law (S.121.031(3)(a), Florida Statutes). Under this method, the expected actuarial value of assets is determined by crediting the rate of investment return assumed in our valuation (7.75% beginning July 1, 2004) to the prior year's actuarial value of assets. Then, 20% of the difference between the actual market value and the expected actuarial value of assets is recognized. The actuarial value of assets is also restricted by a 20% corridor around the market value of assets, so that the actuarial value cannot be greater than 120% or less than 80% of the market value. Table II-4 presents the



details of this calculation. As of July 1, 2013 the actuarial value of assets is 98.99% of the market value of assets.

Seven tables are presented in this section, summarizing the financial resources of the System on July 1, 2013. Table II-1 reconciles the market value of assets, as provided by the Division, to the asset values used in this valuation. Table II-2 shows the reconciliation of valuation assets from June 30, 2012 to June 30, 2013. The assets are presented by category in Table II-3. Table II-4 provides a detailed development of the July 1, 2013 actuarial value of assets. In Table II-5, the actuarial value of assets is allocated to each employee group, based on estimated cash flows, and the reallocation of assets from the various classes to the DROP class (see Table II-6). Table II-6 shows the derivation of reallocation of assets to/from the DROP class in order that DROP as a class is funded to the same extent as the System as a whole. (This reallocation ensures that the accumulation of assets in the DROP class does not impact the contribution rates of the other classes). Finally Table II-7 presents rates of return and a comparison of asset allocation figures between 2012 and 2013.

The Market Value of Assets as of July 1, 2013 was furnished to us by the Division of Retirement. The values have been accepted for use in this report without audit, but have been reviewed for consistency and reasonableness, when compared to prior reports.

The FRS Trust Fund is comprised of several distinct funds. The Florida Retirement System Trust Fund Only represents defined benefit plan assets. The Operating Trust Fund is the Division of Retirement's mechanism for spending its annual appropriation from the FRS Trust Fund. The Contribution Clearing Trust Fund is the fund into which all employer and employee contributions are made, and then transferred back out to the appropriate funds (DB Plan, IP Trust, optional annuity plans, etc.) In Table II-1 we have denoted DB Plan assets as the sum of the FRS Trust Fund Only plus the Operating Trust Fund. Assets appearing in the Contribution Clearing Trust Fund as of the June 30, 2013 report date are generally designated for transfer to the Investment Plan, so are excluded from the DB Plan assets reflected in this valuation.

It is our understanding that FRS treats monthly member balance increases and interest crediting on those accumulated balances for DROP participants as a balance sheet "Accrued DROP Liability" in its financial statements. In other words, the Accrued DROP Liability is reported as a deduction from the overall value of Trust assets in the System's financial statements. While these accumulating DROP member balances are indeed linked to future DROP single sum payments, the assets underlying those amounts are still held in the Trust as of the actuarial valuation date. Additionally, the Actuarial Liabilities shown in this valuation report reflect the full value of projected future disbursements from the Trust for future single



sum DROP benefits, since those benefits have not yet been distributed from the Trust. As such, the DROP Accrued Liability is not deducted from the assets used in our valuation so that assets and Actuarial Liabilities are appropriately matched. That is the reason for the adjustment shown in Table II-1.

Similarly, the benefit payments shown in FRS's financial statements include increases in the Accrued DROP Liability. The pension payments listed in Table II-2 are net of the increase in the Accrued DROP Liability from June 30, 2012 to June 30, 2013. The increase in Accrued DROP Liability reflects additional monthly credit and interest accumulation for future single sum DROP benefits that have not been disbursed from the Trust as of June 30, 2013. That accumulation is included in the benefit payments entry on the System's financial statements. Since the accumulated amounts have not been disbursed from the Trust assets as of plan year end, that accumulation is netted out of the reported benefit payment entry to get an actuarial benefit payment entry representing the Trust disbursements. As noted above, measured Actuarial Liabilities at the valuation date include the full present value of the projected future single sum disbursements from the Trust for the DROP.



Table II-1 Florida Retirement System

FRS Trust Fund

FK3 II	นอเ เ	unu			
			(Contribution	
	_	DB Plan Trust 1	(Clearing Trust	 FRS Trust Total
Market Value of Assets on June 30, 2012 for Actuarial Valuation	\$	122,912,825,273	\$	8,563,145	\$ 122,921,388,418
- Adjustment for June 30, 2012 DROP Liability		(2,939,923,585)			 (2,939,923,585)
Net Assets Held in Trust for Pension Benefits on June 30, 2012	\$	119,972,901,688	\$	8,563,145	\$ 119,981,464,833
+ Contributions by Source:					
Pension Contributions - State	\$	273,350,642	\$	53,146,281	\$ 326,496,923
Pension Contributions - Non-State		1,064,090,231		150,187,600	1,214,277,831
Pension Contributions - Employees		694,910,997		135,706,450	830,617,447
Transfers from IP - Second Elections		43,883,824		0	43,883,824
Transfer from ORP		7,319,091		-	7,319,091
Transfer from OAP		11,815		-	11,815
General Revenue		15,714,207			 15,714,207
Total Contributions	\$	2,099,280,807	\$	339,040,331	\$ 2,438,321,138
+ Interest and Dividends:					
Interest Income	\$	1,043,513,692	\$	-	\$ 1,043,513,692
Dividend Income		1,992,763,342		-	1,992,763,342
Real Estate Income		471,728,292		-	471,728,292
Other		210,560,687		-	210,560,687
Less Investment Activity Expense	_	(436,875,409)	_	-	 (436,875,409)
Total Investment Income	\$	3,281,690,604	\$	-	\$ 3,281,690,604
+Net Realized and Unrealized Appreciation:	\$	13,052,082,047	\$	-	\$ 13,052,082,047
- Deductions by Source:					
Pension Payments ³	\$	7,903,656,618	\$	-	\$ 7,903,656,618
Benefit Payments - General Revenue Funded		15,714,207		-	15,714,207
Contribution Refunds		5,033,571		-	5,033,571
Disbursements to IP - Second Elections		794,361,419		338,240,038	1,132,601,457
Administrative Expenses ²		15,645,493		-	15,645,493
Transfers to Other Funds and Departments		894,370		7,924,838	8,819,208
Total Deductions	\$	8,735,305,678	\$	346,164,876	\$ 9,081,470,554
Net Assets Held in Trust for Pension Benefits on June 30, 2013	\$	129,670,649,468	\$	1,438,600	\$ 129,672,088,068
+ Adjustment for June 30, 2013 DROP Liability	_	3,357,306,300			 3,357,306,300
Market Value of Assets on June 30, 2013 for Actuarial Valuation	\$	133,027,955,768	\$	1,438,600	\$ 133,029,394,368

¹ "DB Plan Trust" denotes the FRS Trust Only plus Division of Retirement Operating Trust Fund



² Effective with the implementation of GASB #25, certain investment expenses (contractual services and fees) are used to offset investment income rather than being classified as expenses.

³ Includes \$417,382,715 increase in Accrued DROP Liability for future single sum benefits not yet paid for DROP participants.

Table II-2 Florida Retirement System

Reconciliation of Market Value of Assets Used for Valuation DB Plan Trust

Market Value of Assets for Actuarial Valuation as of June 30, 2012	\$122,921,388,418
Adjustment for Contribution Clearing Trust	(8,563,145) 1
Contributions by Source:	
Pension Contributions - State	273,350,642
Pension Contributions - Non-State	1,064,090,231
Pension Contributions - Employees	694,910,997
Transfers from IP - Second Elections	43,883,824
Transfer from ORP	7,319,091
Transfer from OAP	11,815
Other	-
Interest and Dividends:	
Interest Income	1,043,513,692
Dividend Income	1,992,763,342
Real Estate Income	471,728,292
Other	210,560,687
Less Investment Activity Expense	(436,875,409) 2
Net Realized and Unrealized Appreciation	13,052,082,047
Pension Payments	(7,486,273,903) ³
Contribution Refunds	(5,033,571)
Disbursements to IP - Second Elections	(794,361,419)
Administrative Expenses	(15,645,493) 2
Transfers to Other Funds and Departments	(894,370)

Market Value of Assets for Actuarial Valuation as of June 30, 2013 \$133,027,955,768

Pension Payments shown above are net of the increase in Accrued DROP Liability from June 30, 2012 to June 30, 2013. The increase in Accrued DROP Liability reflects accumulated amounts for future single sum DROP benefits that have not been disbursed from the Trust as of June 30, 2013. Measured actuarial liabilities at that date include the full present value of the projected future single sum disbursements from the Trust for the DROP.



¹ Assets shown at June 30, 2012 included \$8,563,145 being held in the Contribution Clearing Trust Fund.

² Effective with the implementation of GASB #25, certain investment expenses (contractual services and fees) are used to offset investment income rather than being classified as expenses.

Table II-3 Florida Retirement System Summary of Market Value of Assets for Actuarial Valuation

(by Asset Category)
 (\$ in Thousands)

Market Value as of July 1,

Asset Category	2012	2013
1. Common Stock	\$80,785,299	\$92,223,803
2. Bonds	\$34,937,695	\$32,629,902
3. Real Estate	\$8,176,282	\$9,040,776
4. Temporary Investments	\$4,954,524	\$3,548,406
5. Cash - Including Certificates of Deposit	\$1,120,565	\$2,280,387
6. Receivables	\$2,421,857	\$3,518,622
7. Miscellaneous	\$363	\$424
8. Reverse Purchase		
Agreements	\$2,055,000	\$750,000
Gross Assets	\$134,451,585	\$143,992,320
9. Current Liabilities		
and Reserves	(\$11,530,197)	(\$10,964,364)
Market Value of Assets for Actuarial Valuation	\$122,921,388	\$133,027,956



Table II-4 Florida Retirement System Development of 2013 Actuarial Value of Assets

1. FRS Market Value of Assets on June 30, 2012 for Actuarial Valuation	\$122,921,388,418
2. Actuarial Value of Assets on July 1, 2012	\$127,891,781,409
3. 2012/2013 Net Cash Flow	
(Contributions less Benefits and Expenses)	(\$6,218,642,157)
4. Preliminary Actuarial Value of Assets, July 1, 2013, if	\$131,343,779,928
Items 2 and 3 earned an assumed rate of 7.75%	
5. Market Value of Assets, June 30, 2013 for Actuarial Valuation	\$133,027,955,768
6. Net Assets (Actuarial Value Basis) Available for	
Benefits Prior to Application of 80%/20% Corridor	
4 + ((5 - 4) x 20%)	\$131,680,615,103
7. 120% of Market Value	
[120% (5)]	\$159,633,546,922
8. 80% of Market Value	
[80% (5)]	\$106,422,364,614
9. Actuarial Value of Assets on July 1, 2013	
Lesser of (6) and (7), but not less than (8)	\$131,680,615,103
10. Ratio of July 1, 2013 Actuarial Value of Assets to	
Market Value on June 30, 2013 for Actuarial Valuation	98.99%



Development of Actuarial Value of Assets Florida Retirement System By Membership Class (\$ in Thousands) Table II-5

	FRS	Special Risk	al Risk	Ele	Elected Officers' Class	SS	Senior		Total
	Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	DROP	System
1. Allocated Actuarial Value of Assets									
by Class, July 1, 2012	\$87,763,493	\$20,296,396	\$71,697	\$674,314	\$55,010	\$301,604	\$2,006,655	\$16,722,612	\$127,891,781
2. Total Contribution for the Plan Year	1,345,364	575,574	164	14,747	652	5,271	40,502	101,293	2,083,567
3. Benefit Payments and other Disbursements	(5,739,390)	(1,140,609)	(6,509)	(68,079)	(6,712)	(41,062)	(157,951)	(1,141,895)	(8,302,207)
4. Allocated Investment Earnings on AVA Basis	6,862,379	1,605,101	5,495	51,941	4,169	22,752	156,222	1,299,415	10,007,474
 Unadjusted Actuarial Value of Assets (1) + (2) + (3) + (4) 	90.231.846	21.336.462	70.847	672.923	53.119	288.565	2.045.428	16.981.425	131.680.615
6. Net Reallocation (see Table II-6)	(516,466)	(160,920)	(175)	(9,683)	(496)	(2,147)	(22,114)	712,001	0
7. Allocated Actuarial Value of Assets by Class, July 1, 2013: (5) + (6)	\$89,715,380	\$21,175,542	\$70,672	\$663,240	\$52,623	\$286,418	\$2,023,314	\$17,693,426	\$131,680,615



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

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Reallocation of Actuarial Value of Assets Florida Retirement System By Membership Class (\$ in Thousands) Table II-6

	FRS	Speci	Special Risk	<u> </u>	Elected Officers' Class	SS	Senior		Total
	Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	DROP	System
1. Actuarial Accrued Liability, July 1, 2013								\$20,597,701	\$153,302,772
2. Unadjusted Actuarial Value of Assets, July 1, 2013 prior to reallocation	rior to reallocation	_						16,981,425	131,680,615
3. Unfunded Actuarial Liability (UAL): (1) - (2)								\$3,616,277	\$21,622,157
4. Aggregate Funded Percentage: (2) / (1)								82.44%	85.90%
5. DROP Assets Required to Meet Aggregate Funded Percentage: (1) \times (4) [Total System] - (2)								\$712,001	
6. Proportion of DROP Liability by Class	0.7254	0.2260	0.0002	0.0136	0.0007	0.0030	0.0311	N/A	1.0000
7. Assets to be Reallocated	(\$516,466)	(\$160,920)	(\$175)	(\$9,683)	(\$496)	(\$2,147)	(\$22,114)	\$712,001	0



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

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Table II-7 Florida Retirement System

A. Rates of Return on Investments¹

Rates of Return

Asset Bases	2010/2011	2011/2012	2012/2013
Market Value	22.79%	0.21%	13.63%
Actuarial Value	8.39%	6.74%	8.02%

¹ Assumes net cash flow occurs mid-year

B. Allocation of Assets at Market Value

Asset Category	July 1, 2012	July 1, 2013
Stocks	65.72%	69.33%
Bonds	28.42%	24.53%
Real Estate	6.65%	6.80%
Temporary Investments	4.03%	2.67%
Cash	0.91%	1.71%
Other (includes receivables & payables)		
	-5.73%	-5.04%
	100%	100%



SECTION III LIABILITIES



Actuarial Valuation as of July 1, 2013

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In the previous section, an actuarial valuation was compared to an inventory process, and an analysis was given of the inventory of assets of the FRS as of the valuation date, July 1, 2013. In this section, the discussion will focus upon the commitments of the FRS, which will be referred to as its Actuarial Liabilities. In later sections, other liabilities are presented (Section V) based on accounting principles of the Financial Account Standards Board (FASB) and Governmental Accounting Standards Board (GASB). It is important to note that the accounting liabilities are presented for disclosure and comparison purposes and that the Actuarial Liabilities in this section are used for determining the FRS contribution requirements.

A fundamental principle in financing a retirement program is that the projected cost of retirement benefits should be accrued during the period in which service is performed, rather than during the post-retirement period of benefit distribution. There are several methods that can be used in making such an allocation.

As part of the actuarial rate calculation methodology approved by the Assumptions Conference, the System's Normal Cost and Actuarial Liability are calculated using the Ultimate Entry Age (Ultimate EAN) actuarial cost allocation method. The cost method does not affect the calculation of overall projected system benefits (Present Value of Benefits), but it does affect the allocation of those benefits over a member's projected working career between past (Actuarial Liability), current year (Normal Cost) and all future year projected (Present Value of Future Normal Costs) service. The Present Value of Benefits is equal to the sum of the Actuarial Liability and the Present Value of Future Normal Costs.

For a system such as FRS with two membership tiers, Ultimate EAN calculates the Normal Cost allocation for individual members as if each member participates in the tier available to new hires for his or her full working career. For members in Tier I, this means the Normal Cost under the Ultimate EAN method will be based on the benefit plan provisions in Tier II. Because Tier II results in lower expected benefit payments than under Tier I, the calculated Normal Cost rate is lower than it would be if the member's actual plan provisions were used.

The actuarial cost allocation method does not affect the calculation of the Present Value of Benefits, which are based on the plan provisions specific to each member's enrollment date. The Actuarial Liability is the Present Value of Benefits minus the Present Value of Future Normal Costs. Thus, the Ultimate EAN method used in this valuation leads to a lower Normal Cost and a higher Actuarial Liability for Tier I members than would be calculated under a method that based the Normal Costs of Tier I members on the Tier I benefit plan provisions.

The difference between the Actuarial Liability and the Actuarial Value of Assets accumulated as of the valuation date is referred to as the Unfunded Actuarial Liability (UAL). (If the difference is negative, the excess of the funds accumulated



III-1

over the liabilities may be referred to as the surplus.) The UAL is amortized in accordance with the schedules in Section IV of this report.

Please note that the recently issued Statements 67 & 68 of the Governmental Accounting Standards Board (GASB) do not permit the use of the Ultimate EAN cost allocation method for accounting calculations. The Ultimate EAN method and the GASB 67 & 68 mandated variation of EAN ("Individual" EAN) will produce different Actuarial Liability and Normal Cost results. Determining which EAN methodology (Ultimate or Individual) generates higher current contribution rates depends on the period used to amortize the Unfunded Actuarial Liability. For FRS, the amortization periods used in the methodology approved by the Assumptions Conference will lead to the Ultimate EAN methodology having lower current calculated contribution rates than the Individual EAN methodology. As the number of Tier I active participants decreases, the Individual EAN Normal Cost would trend downward toward the Tier II Normal Cost. When all Tier I active participants have left the workforce the contribution results of the two variations should converge.

The UAL will grow with interest and Normal Cost, while contributions will reduce it. Benefit improvements, actuarial gains and losses (variations in investment results and demographics from assumption), and changes in actuarial procedures and methodologies will also have an effect on the total Actuarial Liability and on the UAL.

After the amount of the UAL has been determined, as part of the rate calculation methodology approved by the Assumptions Conference, the actuarially calculated contribution rates include a component for the amortization of the UAL. A schedule of contributions is established to amortize the UAL. In Section IV of the report, we discuss the contribution schedules in detail.

Table III-1 contains a breakdown of the Actuarial Liabilities and Unfunded Actuarial Liabilities in the FRS for the 2012 valuation and the 2013 valuation. In Table III-2, the 2013 liabilities are shown for each employee group.

Legislation enacted in 2001 "walls off," for 25 years, the actuarial gains arising from former Defined Benefit Plan participants electing the Investment Plan option. The "walled off" amount is called the contingent liability. The Actuarial Liabilities generally do not include the contingent liability. However, surplus, if any, used for contribution rate reductions is net of the contingent liability. Table III-3 shows the contingent liability and the number of current active participants, by class, who elected to transfer from the Defined Benefit Plan to the Investment Plan during the original 2002-2003 election periods for members who were active when the IP became effective.



Table III-1 Florida Retirement System Actuarial Liabilities (\$ in Thousands)

	July 1, 2012 Valuation	July 1, 2013 Valuation
Actuarial Liabilities for:		
(a) Active Members	\$52,972,250	\$52,626,743
(b) Retired, Disabled and Beneficiary Members	69,915,462	74,843,720
(c) Terminated Vested Members	5,059,727	5,234,608
(d) DROP	19,245,727	20,597,701
2. Total Actuarial Liability	\$147,193,166	\$153,302,772
3. Actuarial Value of Assets	\$127,891,781	\$131,680,615
4. Unfunded Actuarial Liability / (Surplus)	\$19,301,385	\$21,622,157
5. Investment Plan Contingent Liability 1	\$235,098	\$233,810
6. Surplus Available for Rate Reduction	\$0	\$0

¹ See Table III-3.



Table III-2 Florida Retirement System **Actuarial Liabilities** (\$ in Thousands) July 1, 2013

	FRS Regular	Special Risk Regular Adminis	I Risk Administration	Ele Judicial	Elected Officers' Class Leg-Atty-Cab	s County	Senior Management	DROP	Total System
1. Present Value of Benefits for:									
a. Active Members	\$50,789,317	\$17,464,037	\$9,530	\$486,753	\$23,497	\$175,846	\$1,836,999	\$0	\$70,785,979
b. Retired, Disabled and Beneficiary Members	57,512,939	14,063,402	76,731	700,027	75,591	444,850	1,970,180	20,597,701	95,441,421
c. Terminated Vested Members	4,306,006	694,395	1,259	19,788	10,705	24,890	177,565	0	5,234,608
d. Total Present Value of Benefits (a)+(b)+(c)	112,608,262	32,221,834	87,520	1,206,568	109,793	645,586	3,984,744	20,597,701	171,462,008
2. Present Value of Future Normal Cost (Actives):	\$11,661,437	\$6,010,429	\$1,042	\$129,995	\$3,898	\$35,102	\$317,333	\$0	\$18,159,236
 Actuarial Liabilities for: Active Members (1a) - (2) 	\$39,127,880	\$11,453,608	\$8,488	\$356,758	\$19,599	\$140,744	\$1,519,666	0\$	\$52,626,743
b. Retired, Disabled and Beneficiary Members (1b)	57,512,939	14,063,402	76,731	700,027	75,591	444,850	1,970,180	20,597,701	95,441,421
c. Terminated Vested Members (1c)	4,306,006	694,395	1,259	19,788	10,705	24,890	177,565	0	5,234,608
d. Total Actuarial Liability (a)+(b)+(c)	\$100,946,825	\$26,211,405	\$86,478	\$1,076,573	\$105,895	\$610,484	\$3,667,411	\$20,597,701	\$153,302,772
4. Actuarial Value of Assets	\$89,715,380	\$21,175,542	\$70,672	\$663,240	\$52,623	\$286,418	\$2,023,314	\$17,693,426	\$131,680,615
5. Unfunded Actuarial Liability / (Surplus)	\$11,231,445	\$5,035,863	\$15,806	\$413,333	\$53,272	\$324,066	\$1,644,097	\$2,904,275 1	\$21,622,157
6. Present Value of Future Pay	\$172,173,558	\$42,067,902	\$15,114	\$980,577	\$44,608	\$325,622	\$3,790,551	0\$	\$219,397,932

¹ This is a bookkeeping item. DROP liabilities include the total present value of benefits to all members currently in DROP. When a member leaves DROP, their liability is transferred to the class of membership from which they retired.



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

Table III-3
Investment Plan
Contingent Actuarial Liabilities
July 1, 2013
(\$ in Thousands)

Total System		\$235,098	8,149		\$233,810	7,533
r ⁄s		₩			₩	
DROP		×.	N N		Ž Ž	Ž
Senior Management		\$9,815	189		\$9,457	169
ass County		\$102	10		\$110	10
Elected Officers' Class Judicial Leg-Atty-Cab County		\$201	Ŋ		\$173	4
Elec Judicial		(\$654)	2		(\$705)	2
I Risk Administration		(\$24)	~		(\$25)	~
Special Risk Regular Administr		\$10,652	253		\$10,253	226
FRS Regular		\$215,005	7,686		\$214,547	7,118
	As of July 1, 2012	Contingent Liability	Participant Counts	As of July 1, 2013	Contingent Liability ^{1 & 2}	Participant Counts

¹ The contingent liability is not included in the actuarial liabilities of FRS and is removed from the surplus.



FLORIDA RETIREMENT SYSTEM
Actuarial Valuation as of July 1, 2013

II-2

² The contingent liability as of July 1, 2013 is calculated as the July 1, 2003 contingent liability increased by ten years of interest, adjusted for the proportion of original transfers remaining in the Investment Plan.

SECTION IV CONTRIBUTIONS



Actuarial Valuation as of July 1, 2013

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Differences between the Actuarial Liabilities and the assets can be made up through (1) future contributions in excess of the Normal Costs to amortize the shortfall and/or (2) the excess of actual investment returns over assumed returns. An actuarial valuation sets out a schedule of future contributions that will deal with this deficiency in a systematic manner if future experience follows the assumptions. By contrast, in prior years when the FRS had an actuarial surplus, legislated contribution rates were generally below the Normal Cost. In this section we develop and present the FRS contribution rates based on the July 1, 2013 membership data to be effective for the Plan Year beginning July 1, 2014.

First, we present a description of the actuarial method used to determine the actuarially calculated FRS contributions for the 2014-2015 plan year. This is followed by a series of tables presenting the details of our calculations.

A. Funding Methods

The actuarial cost method used to determine the pattern of future contributions is called the Ultimate Entry Age Normal (Ultimate EAN) actuarial cost method. Under this method (as is the case for most actuarial cost methods), the contributions required are based on two elements:

- The Normal Cost
- The amortization payment to liquidate the Unfunded Actuarial Liability (UAL) or surplus.

These elements are described in more detail below.

1. Normal Cost

Under the Ultimate EAN method, the Normal Cost rate is that level percentage of pay which would fully fund a member's benefit at retirement, if paid from the year of entry (i.e., "entry age") to the year of retirement if future experience were to exactly match the actuarial assumptions. For a system such as FRS, with two membership tiers, Ultimate EAN determines the Normal Cost allocation for individual members as if each member participates in the tier available to new hires for his or her full working career. For members in Tier I, this means the Normal Cost under the Ultimate EAN method will be based on the benefit plan provisions in Tier II. Because Tier II results in lower expected benefits than under Tier I, the calculated Normal Cost rate is lower than it would be if the member's actual plan provisions were used. This lower Normal Cost rate leads to a higher Actuarial Liability, all else equal, as is discussed below.

We have determined the Normal Cost rates for the FRS separately by member class and benefit. These are summarized in Table IV-1.



IV-1

2. Unfunded Actuarial Liability (UAL)

The Actuarial Liability is the difference between the Actuarial Present Value of Projected Benefits (PVB) and the Present Value of Future Normal Costs (PVFNC). Because Ultimate EAN produces lower Normal Costs than would be determined if each individual's applicable benefit plan provisions were used, the Actuarial Liability is higher than it would be if those plan provisions were used.

The term "fully funded" is often applied to a system where contributions at the Normal Cost rate are completely adequate to fund the projected future benefits of all existing members if future experience follows the assumptions. Currently, most systems are not fully funded, either because payments for benefit improvements in the past have not been completely made, because actuarial deficiencies have occurred due to experience that has not been as favorable as anticipated, or both. Under these circumstances, a UAL exists. For the FRS, this is the fifth consecutive year that a UAL exists, or that the Plan does not have a surplus. Prior to that time, the Actuarial Value of Assets exceeded the Actuarial Liability for the valuations from 1998 through 2008 and no UAL existed in those valuations.

Tables IV-2 through IV-10 show how the UAL contribution rates were derived for the FRS. Table IV-2 shows the calculations on a composite basis, while Tables IV-3 through IV-10 show the calculations for each individual membership class and subclass and the DROP.

As part of the funding policy selected by the Florida Legislature, the actuarially calculated contribution rate is based on a "layered" approach that includes closed 30-year charge and credit bases for the amortization of the UAL. Starting in the 1998 actuarial valuation, the Legislature required all UAL bases in existence at that time to be considered fully amortized, since the Plan was in a surplus position. Since then, bases were created whenever there were changes in plan provisions or changes in assumptions pursuant to an experience study. Now that the UAL has reemerged, all experience gains and losses are also subject to amortization. In this valuation, we show the amortization of each plan/assumption change since 1998 and experience gains/losses starting in 2009. The plan changes include those attributable to House Bill 479 in 2010 and Senate Bill 2100 in 2011.

For a given base of UAL amortization, annual amortization payments are calculated as increasing by 4% per year ("level percent of payroll amortization"), consistent with the valuation's long-term annual payroll growth assumption. If future experience follows the actuarial assumptions, this should result in amortization payments that keep pace with the assumed growth in overall compensation. Please note that with the current amortization period of 30 years, amortization payments will not be large enough to cover interest on the UAL for several years, which means that as a dollar amount the



IV-2

UAL is expected to grow for a period of time. Under current assumptions, the expected UAL for a newly established amortization base will grow until the amortization period is down to 18 years. After that time, the amortization payments will be large enough that the amortization payments will cover both interest and principal, and the UAL as a dollar amount will be projected to decrease in each subsequent year. After approximately 20 years, the unamortized balance for the base will be approximately at the same level as the initial amount of the base.

The benefit changes legislated by Senate Bill 2100 reduced the Normal Cost, PVFNC and the PVB for current and future active members. All members initially enrolled before July 1, 2011 (Tier I) will continue to earn benefits at levels greater than those annually earned by members initially enrolled on or after July 1, 2011 (Tier II). While the base benefits are higher for Tier I members than Tier II members, the projected benefit levels for Tier I members are decreased from what they would have been absent Senate Bill 2100 due to the determination of the annual COLA percentage increase being based on the prorated pre-July 2011 service over total service.

As noted on the prior page, the Actuarial Liability is defined as PVB less PVFNC. For some membership classes the percentage, decrease in the PVFNC was larger than the percentage decrease in the PVB, resulting in an increase in an Actuarial Liability. For the remaining membership classes, the percentage decrease in the PVFNC was smaller than the percentage decrease in the PVB, resulting in a decrease in the Actuarial Liability. The variation is due to the different demographics, benefit multipliers and unique interrelation of the modified benefit provisions of each membership class. The PVB will be lower in future valuations than it would have been had Senate Bill 2100 not been adopted.



B. EMPLOYER CONTRIBUTION RATES

Table IV-11 presents the actuarially calculated employer contribution rates.

The reader should note that the payroll base for UAL contributions is approximately \$2.45 billion larger than the payroll base for normal cost contributions. This is because Florida Statute requires the employers of certain defined contribution program participants to make UAL contributions based on their payroll. Thus, the total contribution shown is an arithmetic sum, but the actual contribution percentage will vary by employer based on their workforce percentage of defined contribution program employees.

Table IV-12 compares the legislated employer contribution rates to those calculated in the actuarial valuations for the prior plan years. The legislated rates for the 2012-2013 plan year were the same as the actuarially calculated rates in the 2012 actuarial valuation. In the previous three years, the legislated rates were less than the actuarially calculated rates.



Table IV-1
Florida Retirement System
Normal Cost Rates by Decrement
July 1, 2013

ı	FRS Regular	Regular	Special Risk egular Administration	Judicial	Elected Officers' Class I Leg-Atty-Cab Co	ss County	Senior Management	DROP	Total
 Vested Benefits and Early Retirement 	1.50%	2.05%	1.87%	1.70%	3.90%	3.22%	1.52%	Y Z	1.59%
2. Regular Retirement	4.03%	10.03%	3.45%	10.14%	4.10%	6.92%	5.10%	NA	4.98%
3. Non-Duty Death	0.13%	0.26%	%90.0	0.48%	0.20%	0.28%	0.15%	Ϋ́	0.15%
4. Line of Duty Death	%60.0	0.25%	0.19%	0.18%	0.14%	0.16%	0.11%	NA	0.12%
5. Non-Duty Disability	0.22%	0.47%	0.15%	0.38%	0.18%	0.21%	0.17%	A	0.25%
6. Line of Duty Disability	0.04%	0.48%	0.28%	%60:0	%90:0	%90.0	0.04%	Ϋ́	0.10%
7. Refund of Employee Contributions	0.49%	0.24%	0.61%	<u>%90:0</u>	<u>0.50%</u>	0.31%	0.63%	NA NA	0.46%
8. Total Normal Cost	%05.9	13.78%	6.61%	13.03%	80.6	11.16%	7.72%	Ϋ́	7.65%
9. Expected Employee Contributions	-2.97%	-3.02%	-2.93%	-3.01%	-2.94%	-2.95%	-2.96%	N N	-2.98%
10. Employer Normal Cost	3.53%	10.76%	3.68%	10.02%	6.14%	8.21%	4.76%	NA A	4.67%

¹ The actual rate of employee contribution is 3.00%. The rates shown are based on pay rates as of the date of the valuation and reflect actuarial methodology which includes the timing of salary increases, expected turnover and other decrements.



FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System July 1, 2013 Table IV-2

3	(3	Composite System (\$ in Thousands)	System ands)		1	()	ŧ	79 T VTV 19
(a)	(g)	(0)	(b)	(e)	(1) = (1) / (6)	(ð)	(L)	Ξ	(i) $/$ (u) = (f)
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$ (393,251)	12.5224	\$ (31,404)	16	\$ (391,130)	11.9758	\$ (32,660)
June 30, 2000	Special Risk 65% In-Line-Of-Duty Disability (2000)	18	(2,540)	13.0500	(195)	17	(2,535)	12.5224	(202)
June 30, 2000	Special Risk-Regular 12% Pre-2000 Retired Benefit Increase (2000)	18	323,601	13.0500	24,797	17	322,940	12.5224	25,789
June 30, 2004	Assumption Change from 2003 Experience Study	22	(3,468,873)	14.9829	(231,523)	21	(3,497,383)	14.5250	(240,784)
June 30, 2009	Assumption Change from 2008 Experience Study	27	6,632,800	17.0439	389,159	26	6,742,885	16.6604	404,726
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	20,814,631	17.0439	1,221,235	26	21,160,090	16.6604	1,270,084
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(6,088,463)	17.0439	(357,222)	26	(6,189,513)	16.6604	(371,511)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(1,258,684)	17.0439	(73,849)	26	(1,279,575)	16.6604	(76,803)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	1,120,982	17.4141	64,372	27	1,141,038	17.0439	66,947
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	(1,227,877)	17.4141	(70,510)	27	(1,249,846)	17.0439	(73,331)
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	2,711,474	17.7714	152,575	28	2,763,236	17.4141	158,678
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	(108,266)	18.1163	(5,976)	29	(110,453)	17.7714	(6,215)
June 30, 2013	2012-2013 Experience (Gains) / Losses		2,566,624			30	2,765,537	18.1163	152,655

4.54%

Projected FY 2014-2015 UAL Payroll: \$ 28,112,859

Total: \$ 1,277,372

\$ 21,622,157

UAL as of Valuation Date

UAL Contribution Rate:



FLORIDA RETIREMENT SYSTEM

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Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System July 1, 2013 Table IV-3

)					
			FRS Regular (\$ in Thousands)	gular sands)					
(a)	(q)	(C)	(p)	(e)	(b) = (d) / (e)	(g)	(L)	(j)	(j) $/$ (h) $=$ (j)
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$ (299,577)	12.5224	\$ (23,923)	16	\$ (297,961)	11.9758	\$ (24,880)
June 30, 2004	Assumption Change from 2003 Experience Study	22	(3,064,570)	14.9829	(204,538)	21	(3,089,757)	14.5250	(212,720)
June 30, 2009	Assumption Change from 2008 Experience Study	27	5,395,406	17.0439	316,559	26	5,484,953	16.6604	329,221
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	33,144,809	17.0439	1,944,671	26	33,694,911	16.6604	2,022,457
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(25,999,097)	17.0439	(1,525,418)	26	(26,430,602)	16.6604	(1,586,434)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(989,532)	17.0439	(58,058)	26	(1,005,955)	16.6604	(60,380)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	1,249,615	17.4141	71,759	27	1,271,973	17.0439	74,629
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	(1,586,344)	17.4141	(91,095)	27	(1,614,726)	17.0439	(94,739)
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	1,341,268	17.7714	75,473	28	1,366,873	17.4141	78,492
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	480,358	18.1163	26,515	29	490,062	17.7714	27,576
June 30, 2013	2012-2013 Experience (Gains) / Losses		1,559,109		1	30	1,679,939	18.1163	92,731

27,576 92,731 645,953

FLORIDA RETIREMENT SYSTEM

<u>N-7</u>

3.01%

UAL Contribution Rate:

Projected FY 2014-2015 UAL Payroll: \$ 21,427,460

Total: \$

\$ 11,231,445

UAL as of Valuation Date



Actuarial Valuation as of July 1, 2013

Table IV-4
Florida Retirement System
Unfunded Actuarial Liability (UAL) Bases
July 1, 2013

			Special Risk - Regular (\$ in Thousands)	Regular						
(a)	(q)	(0)	(p)	(e)	(e) $/$ (p) = (J)	(a)	(h)	(i)	(5)	(i) / (u) = (j)
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amo Paym 207	Amortization Payment for FY 2014-2015
June 30, 1999	Assumption Change from 1998 Experience Study	17	(669'06) \$	12.5224	\$ (7,243)	16	\$ (90,210)	11.9758	↔	(7,533)
June 30, 2000	Special Risk 65% h-Line-Of-Duty Disability (2000) Special Risk-Regular 12% Pre-2000 Retired	18	(2,592)	13.0500	(199)	17	(2,586)	12.5224		(207)
June 30, 2000	Benefit Increase (2000)	18	323,601	13.0500	24,797	17	322,940	12.5224		25,789
June 30, 2004	Assumption Change from 2003 Experience Study	22	(626,064)	14.9829	(41,785)	21	(631,210)	14.5250		(43,457)
June 30, 2009	Assumption Change from 2008 Experience Study	27	529,944	17.0439	31,093	26	538,739	16.6604		32,337
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	7,302,493	17.0439	428,452	26	7,423,692	16.6604		445,590
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(2,423,164)	17.0439	(142,172)	26	(2,463,381)	16.6604		(147,859)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(184,819)	17.0439	(10,844)	26	(187,887)	16.6604		(11,277)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	(397,014)	17.4141	(22,798)	27	(404,117)	17.0439		(23,710)
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	443,633	17.4141	25,475	27	451,570	17.0439		26,495
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	249,961	17.7714	14,065	28	254,733	17.4141		14,628
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	(535,660)	18.1163	(29,568)	29	(546,481)	17.7714		(30,751)
June 30, 2013	2012-2013 Experience (Gains) / Losses		446,243		•	30	480,827	18.1163		26,541

5,035,863

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UAL as of Valuation Date

UAL Contribution Rate:

Projected FY 2014-2015 UAL Payroll: \$ 3,425,251

8.95%

306,586

Total: \$

Milliman Milliman

FLORIDA RETIREMENT SYSTEM

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Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System July 1, 2013 Table IV-5

	(i) / (h) = (i)	Amortization Payment for FY 2014-2015	(27)	4	725	78	1,169	(1,298)	89	(31)	160	32	151
	= (j)	Amo Paym 201	↔										
	(i)	Amortization Factor	11.9758	12.5224	14.5250	16.6604	16.6604	16.6604	17.0439	17.0439	17.4141	17.7714	18.1163
	(L)	Balance One Year After Valuation Date	(324)	51	10,538	1,296	19,481	(21,620)	1,163	(230)	2,785	275	2,737
		Balar	€										
	(b)	Remaining Payments one year after Valuation Date	16	17	21	26	26	26	27	27	28	29	30
	(f) = (d) / (e)	Amortization Payment for FY 2013-2014	\$ (26)	4	869	75	1,124	(1,248)	99	(30)	154	31	•
ministration	(e)	Amortization Factor	12.5224	13.0500	14.9829	17.0439	17.0439	17.0439	17.4141	17.4141	17.7714	18.1163	
Special Risk - Administration	(a) in Inousands)	Balance as of Valuation Date	(326)	51	10,452	1,275	19,163	(21,267)	1,142	(521)	2,733	564	2,540
Sp	(0)	Remaining Payments as of Valuation Date	17	18	22	27	27	27	28	28	29	30	
	(q)	Description	Assumption Change from 1998 Experience Study	Special Risk 65% In-Line-Of-Duty Disability (2000)	Assumption Change from 2003 Experience Study	Assumption Change from 2008 Experience Study	2008-2009 Experience (Gains) / Losses	Unrecognized (Gains)/Losses while in Surplus	2009-2010 Experience (Gains) / Losses	2010-2011 Plan Changes (SB 2100)	2010-2011 Experience (Gains) / Losses	2011-2012 Experience (Gains) / Losses	2012-2013 Experience (Gains) / Losses
	(a)	Date Established	June 30, 1999	June 30, 2000	June 30, 2004	June 30, 2009	June 30, 2009	June 30, 2009	June 30, 2010	June 30, 2010	June 30, 2011	June 30, 2012	June 30, 2013

32 151 1,032 2,007

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Total:

15,806

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UAL as of Valuation Date

Projected FY 2014-2015 UAL Payroll: \$

51.44%

UAL Contribution Rate:

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FLORIDA RETIREMENT SYSTEM

6**-**∕I

Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System Table IV-6

Elected Officers' Class - Judicial (\$ in Thousands) July 1, 2013

(j) = (h) / (i)

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(g)

(f) = (d) / (e)

(e)

<u>ပ</u>

Q

(a)

Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015	ion r FY 5
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$ 42	12.5224	8	16	\$ 42	11.9758	↔	3
June 30, 2004	Assumption Change from 2003 Experience Study	22	27,617	14.9829	1,843	21	27,844	14.5250	7,	1,917
June 30, 2009	Assumption Change from 2008 Experience Study	27	19,478	17.0439	1,143	26	19,801	16.6604	Ψ,	1,189
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	492,741	17.0439	28,910	26	500,919	16.6604	30,	30,066
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(267,293)	17.0439	(15,683)	26	(271,730)	16.6604	(16,	310)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(24,617)	17.0439	(1,444)	26	(25,025)	16.6604	(1,	(1,502)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	(21,320)	17.4141	(1,224)	27	(21,702)	17.0439	(1,	(1,273)
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	3,065	17.4141	176	27	3,120	17.0439		183
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	80,790	17.7714	4,546	28	82,333	17.4141	4,	4,728
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	6,300	18.1163	348	29	6,427	17.7714		362
June 30, 2013	2012-2013 Experience (Gains) / Losses		96,530		•	30	104,011	18.1163	2	5,741

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FLORIDA RETIREMENT SYSTEM

IV-10

23.69% 105,953 25,104

UAL Contribution Rate:

Total: \$

413,333

s

UAL as of Valuation Date

Projected FY 2014-2015 UAL Payroll: \$

Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System July 1, 2013 Table IV-7

		Electe	Elected Officers' Class - Leg-Atty-Cab	ss - Leg-Atty	/-Cab					
			(\$ in Thousands)	ands)						
(a)	(q)	(0)	(p)	(e)	(b) = (d) / (e)	(b)	(h)	(i)	(j) $=$ (h) $/$ (i)	(j) /
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015	ation for FY 015
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$	12.5224	0 \$	16	\$	11.9758	⇔	0
June 30, 2004	Assumption Change from 2003 Experience Study	22	2,079	14.9829	139	21	2,096	14.5250		144
June 30, 2009	Assumption Change from 2008 Experience Study	27	1,955	17.0439	115	26	1,987	16.6604		119
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	59,873	17.0439	3,513	26	29,09	16.6604	.,	3,653
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(34,241)	17.0439	(2,009)	26	(34,809)	16.6604	·	(2,089)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(777)	17.0439	(46)	26	(062)	16.6604		(47)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	2,776	17.4141	159	27	2,825	17.0439		166
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	126	17.4141	7	27	128	17.0439		80
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	8,144	17.7714	458	28	8,299	17.4141		477
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	(3,799)	18.1163	(210)	29	(3,876)	17.7714		(218)
June 30, 2013	2012-2013 Experience (Gains) / Losses		17,135			30	18,463	18.1163		1,019

50.85%

UAL Contribution Rate:

6,355

Projected FY 2014-2015 UAL Payroll: \$

3,231

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Total:

53,272

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UAL as of Valuation Date

Milliman Milliman

FLORIDA RETIREMENT SYSTEM

IV-11

Actuarial Valuation as of July 1, 2013

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Table IV-8
Florida Retirement System
Unfunded Actuarial Liability (UAL) Bases

July 1, 2013 Elected Officers' Class - County

			(\$ in Thousands)	ands)					
(a)	(q)	(C)	(p)	(e)	(b) = (d) / (e)	(b)	(l)	<u>(</u>	(j) / (u) = (j)
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$	12.5224	0 \$	16	\$	11.9758	0 \$
June 30, 2004	Assumption Change from 2003 Experience Study	22	34,957	14.9829	2,333	21	35,244	14.5250	2,426
June 30, 2009	Assumption Change from 2008 Experience Study	27	11,365	17.0439	299	26	11,554	16.6604	693
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	233,281	17.0439	13,687	26	237,153	16.6604	14,235
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(57,759)	17.0439	(3,389)	26	(58,718)	16.6604	(3,524)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(7,051)	17.0439	(414)	26	(7,168)	16.6604	(430)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	2,032	17.4141	117	27	2,068	17.0439	121
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	290	17.4141	17	27	295	17.0439	17
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	13,456	17.7714	757	28	13,712	17.4141	787
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	(5,461)	18.1163	(301)	29	(5,571)	17.7714	(313)
June 30, 2013	2012-2013 Experience (Gains) / Losses		98,953		•	30	106,622	18.1163	5,885

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FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013

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IV-12

19,898 43,248 46.01%

UAL Contribution Rate:

Projected FY 2014-2015 UAL Payroll: \$

Total: \$

324,066

s

UAL as of Valuation Date

Table IV-9
Florida Retirement System
Unfunded Actuarial Liability (UAL) Bases
July 1, 2013

			Senior Management (\$ in Thousands)	gement ands)						
(a)	(q)	(c)	(p)	(e)	(b) = (d) / (e)	(b)	(h)	(<u>i</u>)	(j) $=$ (h) $/$ (i)	(j) /
Date Established	Description	Remaining Payments as of Valuation Date	Balance as of Valuation Date	Amortization Factor	Amortization Payment for FY 2013-2014	Remaining Payments one year after Valuation Date	Balance One Year After Valuation Date	Amortization Factor	Amortization Payment for FY 2014-2015	ition for FY 315
June 30, 1999	Assumption Change from 1998 Experience Study	17	\$ (2,699)	12.5224	\$ (216)	16	\$ (2,685)	11.9758	↔	(224)
June 30, 2004	Assumption Change from 2003 Experience Study	22	214,721	14.9829	14,331	21	216,486	14.5250	17	14,904
June 30, 2009	Assumption Change from 2008 Experience Study	27	62,658	17.0439	3,676	26	63,698	16.6604	()	3,823
June 30, 2009	2008-2009 Experience (Gains) / Losses	27	1,220,353	17.0439	71,600	26	1,240,607	16.6604	7.	74,465
June 30, 2009	Unrecognized (Gains)/Losses while in Surplus	27	(276,995)	17.0439	(16,252)	26	(281,593)	16.6604	(16	(16,902)
June 30, 2009	2009-2010 Plan Changes (HB 479)	27	(51,888)	17.0439	(3,044)	26	(52,749)	16.6604	9	(3,166)
June 30, 2010	2009-2010 Experience (Gains) / Losses	28	33,637	17.4141	1,932	27	34,239	17.0439		2,009
June 30, 2010	2010-2011 Plan Changes (SB 2100)	28	(88,126)	17.4141	(5,061)	27	(89,703)	17.0439	3)	(5,263)
June 30, 2011	2010-2011 Experience (Gains) / Losses	29	126,365	17.7714	7,111	28	128,777	17.4141	-	7,395
June 30, 2012	2011-2012 Experience (Gains) / Losses	30	64,519	18.1163	3,561	29	65,822	17.7714	(,)	3,704
June 30, 2013	2012-2013 Experience (Gains) / Losses		341,553			30	368,024	18.1163	20	20,315

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FLORIDA RETIREMENT SYSTEM

IV-13

20.03%

UAL Contribution Rate:

101,059

Total: \$

1,644,097

s

UAL as of Valuation Date

Projected FY 2014-2015 UAL Payroll: \$

Actuarial Valuation as of July 1, 2013

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Unfunded Actuarial Liability (UAL) Bases Florida Retirement System July 1, 2013 Table IV-10

(1,321,551)Amortization Payment for FY 1,402,905 (i) = (h) / (i)2014-2015 17.4141 Amortization 14.5250 16.6604 16.6604 16.6604 17.0439 17.7714 18.1163 \equiv (68,624)(22,017,539) 254,589 (117,412)4,914 Balance One Year 905,725 620,857 23,372,939 After Valuation Date 3 Payments one Valuation Date Remaining year after <u>(</u> 7 26 26 26 27 28 Amortization Payment for FY (4,543)(6,353)14,363 35,832 (1,270,722)50,011 1,348,948 (b) = (d) / (e)2013-2014 Amortization 14.9829 17.0439 17.0439 17.0439 17.7714 18.1163 17.4141 (e) (\$ in Thousands) DROP (68,065)(21,658,081)250,114 (115,087)4,561 22,991,353 888,758 610,721 Valuation Date Balance as of **©** Payments as of Valuation Date Remaining 22 29 <u>ပ</u> 27 27 27 28 Assumption Change from 2003 Experience Study Assumption Change from 2008 Experience Study Unrecognized (Gains)/Losses while in Surplus 2008-2009 Experience (Gains) / Losses 2009-2010 Experience (Gains) / Losses 2011-2012 Experience (Gains) / Losses 2010-2011 Experience (Gains) / Losses 2012-2013 Experience (Gains) / Losses Description **a** Date Established June 30, 2004 June 30, 2009 June 30, 2009 June 30, 2009 June 30, 2010 June 30, 2011 June 30, 2012 June 30, 2013 (a

(4,725)

37,265

2,597,960 Projected FY 2014-2015 UAL Payroll: \$

(6,607)

271 174,508

Total: \$

2,904,275

S

UAL as of Valuation Date

14,937

52,011

6.72% UAL Contribution Rate:



FLORIDA RETIREMENT SYSTEM

IV-14

Actuarial Valuation as of July 1, 2013

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Table IV-11
Florida Retirement System
Actuarially Calculated Employer Contribution Rates
July 1, 2013 Valuation for Fiscal Year Beginning July 1, 2014

No surplus available for rate reduction

	FRS	Spedi	ial Risk	Ele	Elected Officers' Class	SS	Senior	Composite		Composite
	Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	(excluding DROP)	DROP 1	(including DROP)
. Employer Normal Cost	3.53%	10.76%	3.68%	10.02%	6.14%	8.21%	4.76%	4.67% 2	4.30%	4.63%
. UAL Cost	3.01%	8.95%	51.44%	23.69%	20.85%	46.01%	20.03%	4.32%	6.72%	4.54%
3. Total Employer Cost [(1) + (2)]	6.54%	19.71%	55.12%	33.71%	26.99%	54.22%	24.79%	8.99%	11.02%	9.17%
. UAL Cost Paid from Surplus	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%	0.00%	0.00%	%00.0
. Rate Reduction from Surplus	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0
. Total Adjusted Employer Contribution for FRS Trust Fund $[(3)+(4)+(5)] \\ \qquad $	or FRS Trust Fund 6.54%	19.71%	55.12%	33.71%	26.99%	54.22%	24.79%	8.99%	11.02%	9.17%

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FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013

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¹ DROP rates are special charges to cover the assumed cost of DROP participants; they are not Normal Cost or UAL Cost in the traditional sense. See Section G of Executive Summary for description of mandated rate calculation methodology.

² Due to the relatively different payrolls by membership class, this year the composite contribution rate is 0.01% less than last year's rate of 4.68%.

Actuarially Calculated vs. Legislated Defined Benefit Plan Contribution Rates (Before Blending) $^{1\,\&\,2}$ Florida Retirement System Table IV-12

Plan Year 2013-2014 rates were set equal to the actuarially calculated rates Plan Year 2014-2015 rates will be set by the Legislature during the 2014 Legislative Session

		Plan Year 2012-2013	2-2013	Plan Year 2013-2014	13-2014	Plan Year 2014-2015	4-2015
	Membership Class	Actuarially Calculated	Legislated	Actuarially Calculated	Legislated	Actuarially Calculated	Legislated
	FRS Regular	2:90%	4.13%	%60'9	%60.9	6.54%	TBD
2	Special Risk Regular	19.06%	14.05%	18.88%	18.88%	19.71%	TBD
რ	Special Risk Administration	40.57%	4.56%	45.91%	45.91%	55.12%	TBD
4.	Elected Officers' Class - Judicial	27.64%	10.78%	28.37%	28.37%	33.71%	TBD
2.	Elected Officers' Class - Leg-Atty-Cab	43.79%	7.63%	40.92%	40.92%	26.99%	TBD
9.	Elected Officers' Class - County	40.70%	9.23%	41.87%	41.87%	54.22%	TBD
7.	Senior Management Service	19.53%	5.23%	21.01%	21.01%	24.79%	TBD
ω.	8. Composite without DROP	8.24%	2.63%	8.37%	8.37%	%66.8	TBD
6	9. DROP	10.54%	4.33%	11.64%	11.64%	11.02%	TBD
10.	10. Composite with DROP	8.46%	5.51%	%29'8	8.67%	9.17%	TBD

¹ The above rates (applied to DB plan payroll) are combined with the Investment Plan contribution rates (applied to IP payroll) to derive the uniform blended rates employers contribute.



FLORIDA RETIREMENT SYSTEM

Actuarial Valuation as of July 1, 2013

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 $^{^{2}}$ Contribution rates show above do not include the 3% required employee contribution rate.

SECTION V ACCOUNTING STATEMENTS



Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

The liabilities presented in this report differ by whether future anticipated salary increases or service credits are included in the calculation. Actuarial Liabilities in Section III include the effects of projected future salary increases and service credits.

Accounting Standards Codification (ASC) 960 - - Plan Accounting - - Defined Benefit Pension Plans, formerly titled Statement No. 35 of the Financial Accounting Standards Board (FASB) previously required the FRS to disclose certain information regarding the Plan's funded status. ASC accounting liabilities do not include either future salary increases or future service credits.

Statement No. 25 of the Governmental Standards Board (GASB) establishes standards for disclosure of pension information by public employee retirement systems (PERS) and governmental employers in notes to financial statements and supplementary information. The GASB Statement No. 25 accounting liabilities developed in this section include the effects of projected future salary increases and service credits. Different from the liabilities shown in Section III, the GASB Statement No. 25 liabilities, consistent with that statement's directives, are calculated based on DROP participants being included in the class of membership in which they participate, and active liabilities are based on the full retirement rates (see our cover letter for further discussion).

The ASC 960 disclosures are intended to provide a "snap shot" view of how the Plan's assets compare to its liabilities if contributions stopped and accrued benefit claims had to be satisfied. The accrued benefits obligation (ABO) is determined based on each member's accrued benefit, that is, the benefit based on employee service and compensation earned up to the valuation date. We assume that the plan is ongoing and that members continue to terminate employment, retire, and otherwise act in accordance with the actuarial assumptions. Liabilities are discounted at the assumed valuation interest rate of 7.75% per annum.

Table V-1 presents the ABO for the FRS determined as of July 1, 2013. All of the calculations presented in that table are based on the actuarial assumptions used in the valuation, as described in Appendix A, except salaries are not projected to increase. Values of the ABO are shown by type of member and by class. The active members' values are also divided between the employee-financed (accumulated member contributions) and employer-financed portions, with the employer-financed portions shown separately for vested benefits and non-vested

¹ In 2012, GASB issued Statements No. 67 and No. 68 which will supersede Statements Nos 25 and 27, respectively. Statement Number 67 will be effective for fiscal year 2013-2014, while Statement Number 68 will be effective for fiscal year 2014-2015. The impact of these two new promulgations is not reflected in this report.



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benefits. For purposes of calculating the ABO, post-Senate Bill 2100, we based the COLA percentage based on 3% multiplied by service through June 30, 2011 divided by projected service at the time of retirement.

Table V-2 presents the total ABO for the FRS for current and prior valuations.

Table V-3 reconciles the ABO determined as of the prior valuation, July 1, 2012, to the ABO as of July 1, 2013. This reconciliation indicates the impact of the assumption changes and plan changes, if any.

GASB Statement No. 25 requires the Actuarial Accrued Liability (AAL) to be compared with the Actuarial Value of Assets used for funding purposes. The report includes two tables for GASB Statement No. 25 disclosures and a third table used in the Comprehensive Annual Financial Report (CAFR). Table V-4 shows the GASB Statement No. 25 Accounting Statement Information by membership class. Table V-5 shows similar information for the total FRS, comparing several years' results in addition to the July 1, 2013 results. Table V-6 shows the Solvency Test for the FRS for the 2011, 2012, and 2013 valuations. The Solvency Test compares the Actuarial Accrued Liability to the market value of assets. GASB Statement No. 25 liabilities are based on DROP retirees being included in the class of membership from which they retired, and active liabilities are based on the full retirement rates (per Section G of the Executive Summary.)

The trend of the FRS's funded status, as measured by the unfunded AAL or ABO over a period of time, is one indication of the progress being made in accumulating sufficient assets to pay benefits when due. Some of the basic trend data for this valuation and the prior two valuations (i.e., as of July 1, 2011 and July 1, 2012) for the FRS are shown in Table V-2 (ABO) and Table V-5 (AAL). Past and future results are affected by changes in actuarial assumptions, benefit provisions, accounting policies, etc.

As of June 30, 2010, FRS had a negative Net Pension Obligation (NPO) as the result of contributing more than the Annual Required Contribution (ARC) on a cumulative basis, with both the ARC and the actual contributions adjusted for interest. For fiscal year 2010-2011 through fiscal year 2012-2013, actual contributions were less than the ARC, meaning the FRS employers contributed less than the actuarially determined contributions, assuming 30-year amortization of the UAL. As of June 30, 2012, a positive NPO had emerged as that the cumulative contributions did not exceed actuarially determined contributions.

The Annual Required Contribution (ARC) of \$2,091,343,000 for FY 2012-2013 was developed in the 2011 annual valuation. The ARC included the sum of the composite contribution rate (including DROP) of 4.83% plus the minimum UAL



V-2

ACCOUNTING STATEMENT

amortization payment required by GASB. As shown on Table V-7, the Annual Pension Cost (APC) was \$2,096,269,000 and the total employer contribution was actually \$1,388,656,000. Therefore, as of June 30, 2013, the State's CAFR must reflect an NPO of \$918,344,000, as compared to an NPO of \$210,731,000 as of the prior year.



Table V-1
Florida Retirement System
Accumulated Benefit Obligation - ASC 960
July 1, 2013
(All Amounts in Thousands)

A Accumulated Benefit Obligation Regular Regular Administration Judoial Leg-Atty-Cab County Management DROP Total 1. Active Manners a. Accumulated Benefit Obligation \$1,001.593 \$188.616 \$112 \$5,932 \$427 \$2,679 \$28,918 \$6 \$1,228,277 b. Employer-Financed Vested Benefits \$1,001.593 \$1,001.593 \$6,080,053 4,651 \$1,96.44 \$10,766 \$78,470 \$87,305 \$2,687.51 \$1,96.44 \$10,766 \$78,470 \$87,305 \$1,970.180 \$1,270.180 \$1,228,275 \$1,070.180 <t< th=""><th></th><th>FRS</th><th> Special Risk</th><th>l Risk</th><th> Elec</th><th> Elected Officers' Class</th><th> SS</th><th>Senior</th><th></th><th></th></t<>		FRS	Special Risk	l Risk	Elec	Elected Officers' Class	SS	Senior		
1.593 \$188.616 \$112 \$5,932 \$427 \$2,679 \$28,918 \$0 \$1,13 5,583 5,080,053 4,651 196,841 10,766 78,400 847,905 0 25,53 5,583 5,080,053 4,651 196,841 10,766 78,400 847,905 0 25,53 1,115 \$5,080,053 329 8,211,047 \$12,182 \$86,557 \$20,637,701 \$20,537,701 \$85,537,610 \$85,037,701 \$85,037,701 \$85,037,701 \$85,037,701 \$85,037,701 \$85,037,701 \$85,037,701 \$85,037,701 \$10,047,652 \$85,037,701 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,057,642 \$10,057,622 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,047,652 \$10,057,652 \$10,057,652 \$10,057,652 \$10,057,652 \$10,057,652 \$10,057,652 \$10,057,652		Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	DROP	Total
1,593 \$188,616 \$112 \$5,932 \$427 \$2,679 \$28,918 \$0 \$11,55 5,833 \$6,080,053 4,651 196,841 10,766 78,400 847,905 0 25,13 5,683 288,950 329 8,274 989 5,478 29,633 0 11,15 2,939 \$14,083,402 \$76,731 \$700,027 \$75,591 \$444,850 \$1,970,180 \$20,597,701 \$95,602 6,006 \$694,395 \$11,269 \$19,788 \$10,705 \$24,880 \$1,970,180 \$20,597,701 \$95,602 0,006 \$20,295,416 \$83,082 \$960,027 \$75,691 \$444,860 \$1,970,180 \$20,597,701 \$96,700 0,006 \$20,295,416 \$83,082 \$861,078 \$50,602 \$50,64,201 \$50,697,701 \$17,99 5,380 \$21,175,542 \$70,672 \$663,203 \$20,044,016 \$17,693,426 \$131,4 5,320 \$(\$1,086,792) \$11,687 \$260,836 \$45,317 \$260,879	Accumulated Benefit Obligation									
1,593 \$188,616 \$112 \$5,932 \$427 \$2,679 \$28,918 \$6 \$1,53 3,393 5,080,053 4,651 196,841 10,766 78,400 847,905 0 25,13 5,583 268,950 329 8,274 989 5,478 29,633 0 1,15 2,583 268,950 \$271,104 \$12,182 \$86,557 \$960,456 \$0 \$1,17 2,939 \$14,063,402 \$76,731 \$700,027 \$75,597 \$444,850 \$1,17,656 \$0 \$55,637,701 \$15,856 6,006 \$694,396 \$19,788 \$10,705 \$24,890 \$177,565 \$0 \$55,637,701 \$133,638 6,006 \$20,295,416 \$83,082 \$53,082 \$20,44,016 \$17,874,463 \$133,732 3,386 \$21,392,208 \$71,683 \$53,66,297 \$266,297 \$266,297 \$266,297 \$204,016 \$17,874,463 \$133,782 5,380 \$21,175,642 \$71,687 \$266,297 \$266,297 <	1. Active Members									
5,583 5,080,053 4,651 196,841 10,766 78,400 847,905 0 25,533 5,583 268,950 329 8,274 989 5,478 29,633 0 1,15 5,583 268,950 329 8,274 989 5,478 29,633 0 1,15 2,939 \$1,156 \$5,37,619 \$5,002 \$1,269 \$10,706 \$24,890 \$1,77,565 \$0 \$55,537,701 \$985,500,507,701 \$1,269 \$1,269 \$1,270,480 \$1,270,480 \$20,597,701 \$1,280,507,701 \$1,280,	a. Accumulated Member Contributions	\$1,001,593	\$188,616	\$112	\$5,932	\$427	\$2,679	\$28,918	\$0	\$1,228,277
5,583 268,950 329 8,274 989 5,478 29,633 0 1,11 1,115 \$5,537,619 \$5,092 \$211,047 \$12,182 \$86,557 \$906,456 \$0 \$1,283 2,939 \$14,063,402 \$76,731 \$700,027 \$75,591 \$444,860 \$1,970,180 \$20,597,701 \$95,537,501 6,006 \$694,395 \$1,259 \$19,788 \$10,705 \$24,890 \$177,565 \$50,597,701 \$95,500 0,060 \$50,295,416 \$83,082 \$930,862 \$98,478 \$526,297 \$17,694,201 \$129,0 \$15,00 <td>b. Employer-Financed Vested Benefits</td> <td>19,563,939</td> <td>5,080,053</td> <td>4,651</td> <td>196,841</td> <td>10,766</td> <td>78,400</td> <td>847,905</td> <td>0</td> <td>25,782,555</td>	b. Employer-Financed Vested Benefits	19,563,939	5,080,053	4,651	196,841	10,766	78,400	847,905	0	25,782,555
1,115 \$5,537,619 \$5,092 \$211,047 \$12,182 \$86,557 \$906,456 \$0 \$28,537,701 \$28,537,701 \$28,533,701 \$28,533,701 \$20,597,701 \$28,533,701 \$20,597,701 <th< td=""><td>c. Employer-Financed Non-Vested Benefits</td><td>1,045,583</td><td>268,950</td><td>329</td><td>8,274</td><td>686</td><td>5,478</td><td>29,633</td><td>0</td><td>1,359,236</td></th<>	c. Employer-Financed Non-Vested Benefits	1,045,583	268,950	329	8,274	686	5,478	29,633	0	1,359,236
2,939 \$14,063,402 \$76,731 \$700,027 \$75,591 \$444,850 \$1,970,180 \$20,597,701 \$96,006 \$6,006 \$694,395 \$1,259 \$19,788 \$10,705 \$24,890 \$177,565 \$0 \$55,627,701 \$59,47 \$0,060 \$20,295,416 \$83,082 \$19,788 \$10,705 \$24,890 \$17,7565 \$0 \$55,207,701 \$52,907,701 \$129,000 \$10,000	d. Total	\$21,611,115	\$5,537,619	\$5,092	\$211,047	\$12,182	\$86,557	\$906,456	\$0	\$28,370,068
6,006 \$6,006 \$60,206 \$60,206 \$60,206 \$1,259 \$10,705 \$24,890 \$177,565 \$0 \$129 \$120,907	2. Annuitants	\$57,512,939	\$14,063,402	\$76,731	\$700,027	\$75,591	\$444,850	\$1,970,180	\$20,597,701	\$95,441,421
0,060 \$20,295,416 \$83,082 \$930,862 \$98,478 \$556,297 \$3,054,201 \$20,597,701 \$129,040 3,338 \$21,392,208 \$71,395 \$670,026 \$53,161 \$289,349 \$2,044,016 \$17,874,463 \$133,020 5,380 \$21,175,542 \$70,672 \$663,240 \$52,623 \$286,418 \$2,023,314 \$17,874,463 \$131,020 3,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$3,62,623,230) 5,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,03,100,100,100,100,100,100,100,100,100,	3. Other Inactive Members	\$4,306,006	\$694,395	\$1,259	\$19,788	\$10,705	\$24,890	\$177,565	\$0	\$5,234,608
3,338 \$21,392,208 \$71,395 \$670,026 \$53,161 \$289,349 \$2,044,016 \$17,874,463 \$133,65 5,380 \$21,175,542 \$70,672 \$663,240 \$52,623 \$286,418 \$2,023,314 \$17,693,426 \$131,6 3,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$3,60,126) 5,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,04,275 3,63% 71.98% 53.98% 52.01% 66.92% 86.78% 71.55% 85.90% 71.25% 85.90%	4. Total Accumulated Benefit Obligation	\$83,430,060	\$20,295,416	\$83,082	\$930,862	\$98,478	\$556,297	\$3,054,201	\$20,597,701	\$129,046,097
3.338 \$21,392,208 \$71,395 \$670,026 \$53,161 \$289,349 \$2,044,016 \$17,874,463 \$133,813,81 5,380 \$21,175,542 \$70,672 \$663,240 \$52,623 \$286,418 \$2,023,314 \$17,693,426 \$131,0 3,278 \$21,175,542 \$70,672 \$66,936 \$45,317 \$266,948 \$1,010,185 \$2,723,238 \$3,1 5,320 \$880,126 \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 \$2,04,275	Assets Available for Benefits									
5,380 \$21,175,542 \$70,672 \$663,240 \$52,623 \$286,418 \$2,023,314 \$17,693,426 \$131,0 3,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$3,520) 5,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,004,275 3,63% 71.98% 53.98% 52.01% 66.92% 86.78% 7,53% 104,34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90%	1. Market	\$90,633,338	\$21,392,208	\$71,395	\$670,026	\$53,161	\$289,349	\$2,044,016	\$17,874,463	\$133,027,956
3,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$3,5,5,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,04,275 \$1,030,887 \$1,030,887 \$2,904,275 \$1,030,887 \$1,030,88	2. Actuarial Basis	\$89,715,380	\$21,175,542	\$70,672	\$663,240	\$52,623	\$286,418	\$2,023,314	\$17,693,426	\$131,680,615
(\$7,203,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$3,628,320) (\$6,285,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,000,000) 108,63% 105,40% 85,93% 71.98% 53.98% 52.01% 66.92% 86.78% 107,53% 104,34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90%	Unfunded / (Surplus) Total Accumulated Benefit	Obligation,								
(\$7,203,278) (\$1,096,792) \$11,687 \$260,836 \$45,317 \$266,948 \$1,010,185 \$2,723,238 (\$5,285,320) (\$6,285,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,000,000) 108.63% 105.40% 85.93% 71.98% 53.98% 52.01% 66.92% 86.78% 71.25% 85.90% 71.25% 85.94% 51.49% 66.25% 85.90% 71.25% 85.90% 85.90% 71.25% 85.90% 85.90% 85.90% 85.90% <td< td=""><td>Assets at:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Assets at:									
(\$6,285,320) (\$880,126) \$12,410 \$267,622 \$45,855 \$269,879 \$1,030,887 \$2,904,275 (\$2,000,000) 108.63% 105.40% 85.93% 71.98% 53.98% 52.01% 66.92% 86.78% 71.25% 53.44% 51.49% 66.25% 85.90% 71.25% 85.90% 85.90% 71.25% 85.90% 85.90% 71.25% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90% 85.90%	1. Market	(\$7,203,278)	(\$1,096,792)	\$11,687	\$260,836	\$45,317	\$266,948	\$1,010,185	\$2,723,238	(\$3,981,859)
108.63% 105.40% 85.93% 71.98% 53.98% 52.01% 66.92% 86.78% 107.53% 104.34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90%	2. Actuarial Basis	(\$6,285,320)	(\$880,126)	\$12,410	\$267,622	\$45,855	\$269,879	\$1,030,887	\$2,904,275	(\$2,634,518)
108.63% 105.40% 85.93% 71.98% 53.98% 52.01% 66.92% 86.78% 107.53% 104.34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90% 7	Percent of Accumulated Obligation Funded,									
108.63% 105.40% 85.93% 71.98% 53.98% 52.01% 66.92% 86.78% 107.53% 104.34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90%	Assets at:									
107.53% 104.34% 85.06% 71.25% 53.44% 51.49% 66.25% 85.90%	1. Market	108.63%	105.40%	85.93%	71.98%	53.98%	52.01%	66.92%	86.78%	103.09%
	2. Actuarial Basis	107.53%	104.34%	85.06%	71.25%	53.44%	51.49%	66.25%	85.90%	102.04%



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

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Table V-2 Florida Retirement System Analysis of Funding Progress - ASC 960 (All Amounts in Thousands)

-	July 1, 2011 Valuation Basis	July 1, 2012 Valuation Basis	July 1, 2013 Valuation Basis
A. Accumulated Benefit Obligation 1. Active Members			
a. Accumulated Member Contributions	\$31,339	\$681,638	\$1,228,277
 b. Employer-Financed Vested Benefits 	26,655,302	25,988,973	25,782,555
c. Employer-Financed Non-Vested Benefits_	1,811,167	1,540,804	1,359,236
d. Total	\$28,497,808	\$28,211,415	\$28,370,068
2. Annuitants	\$64,903,070	\$69,915,462	\$74,843,720
3. Other Inactive Members	\$4,637,774	\$5,059,727	\$5,234,608
4. DROP	\$20,084,177	\$19,245,727	\$20,597,701
5. Total Accumulated Benefit Obligation	\$118,122,829	\$122,432,331	\$129,046,097
B. Assets Available for Benefits			
1. Market	\$129,123,355	\$122,921,388	\$133,027,956
Actuarial Basis	\$126,078,053	\$127,891,781	\$131,680,615
C. Unfunded/(Surplus) Total Accumulated Benefit Ol Assets at:	oligation,		
1. Market	(\$11,000,526)	(\$489,057)	(\$3,981,859)
2. Actuarial Basis	(\$7,955,224)	(\$5,459,450)	(\$2,634,518)
D. Percent of Accumulated Benefit Obligation Funds Assets at:	ed,		
1. Market	109.31%	100.40%	103.09%
2. Actuarial Basis	106.73%	104.46%	102.04%
E. Annual Salaries¹	\$25,686,138	\$24,491,371	\$24,568,642
F. Unfunded/(Surplus) Accumulated Benefit Obligati Percent of Salary, Assets at:	on as a		
1. Market	-42.83%	-2.00%	-16.21%
2. Actuarial Basis	-30.97%	-22.29%	-10.72%

Includes Drop Salaries



Table V-3 Florida Retirement System Statement of Changes in Total Actuarial Present Value of All Accrued Benefits (All Amounts in Thousands)

	Accumulated Benefit
	Obligation
Actuarial Present Value of Accrued Benefits at July 1, 2012	\$122,432,331
Increase (Decrease) During Year Attributable to:	
Increase for Interest Due to Decrease in Discount Period	\$9,172,798
Benefits Paid - PY 2013	(\$8,302,209)
Benefits Accrued, & Other Gains/Losses	\$5,743,177
Plan Provision / Assumption Changes	\$0
Net Increase (Decrease)	\$6,613,766
Actuarial Present Value of Accrued Benefits at July 1, 2013	\$129,046,097



Accounting Statement Information - GASB Statement #25 Florida Retirement System July 1, 2013 Table V-4

(All Amounts in Thousands)

	FRS Regular	Specia Regular	Special Risk	Judicial	Elected Officers' Class	s County	Senior Management	Total
 Actuarial Accrued Liability: a. Active Member Contributions 	\$1,001,593	\$188,616	\$112	\$5,932	\$427	\$2,679	\$28,918	\$1,228,277
b. Annuitants	72,453,957	18,718,714	81,784	980,146	89,935	506,953	2,609,932	95,441,421
c. Other Inactive Members	4,306,006	694,395	1,259	19,788	10,705	24,890	177,565	5,234,608
d. Active Members	38,739,602	11,458,713	8,430	354,971	19,143	139,597	1,501,191	52,221,647
 Total Actuarial Accrued Liability [1(a) + 1(b) + 1(c) + 1(d)] 	\$116,501,158	\$31,060,438	\$91,585	\$1,360,837	\$120,210	\$674,119	\$4,317,606	\$154,125,953
3. Actuarial Value of Assets	103,147,271	24,645,714	85,834	844,945	69,296	380,400	2,507,157	131,680,617
Unfunded Actuarial Accrued Liability / (Surplus) (UAAL), [2 - 3]	(Surplus) \$13,353,887	\$6,414,724	\$5,751	\$515,892	\$50,914	\$293,719	\$1,810,449	\$22,445,336
5. Funded Ratio	88.54%	79.35%	93.72%	62.09%	27.65%	56.43%	58.07%	85.44%
6. Covered Payroll	\$20,212,981	\$3,630,613	\$2,367	\$125,476	\$7,265	\$47,213	\$542,727	\$24,568,642
7. UAAL / (Surplus) as a % of Payroll	%20.99	176.68%	242.97%	411.15%	700.81%	622.11%	333.58%	91.36%



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

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Table V-5 Florida Retirement System Accounting Statement Information - GASB Statement #25 (All Amounts in Thousands)

	July 1, 2011 Valuation Basis	July 1, 2012 Valuation Basis	July 1, 2013 Valuation Basis
Actuarial Accrued Liability: a. Active Member Contributions	\$31,339	\$681,638	\$1,228,277
b. Annuitants	84,987,246	89,161,189	95,441,421
c. Other Inactive Members	4,637,774	5,059,727	5,234,608
d. Active Members	55,378,116	53,147,042	52,221,647
2. Total Actuarial Accrued Liability [1(a) + 1(b) + 1(c) + 1(d)]	\$145,034,475	\$148,049,596	\$154,125,953
3. Actuarial Value of Assets	\$126,078,053	\$127,891,781	\$131,680,617
4. Unfunded Actuarial Accrued Liability / (Surplus) (UAAL), [2 - 3]	\$18,956,422	\$20,157,815	\$22,445,336
5. Funded Ratio	86.93%	86.38%	85.44%
6. Covered Payroll ¹	\$25,686,138	\$24,491,371	\$24,568,642
7. UAAL / (Surplus) as a % of Payroll	73.80%	82.31%	91.36%

¹ Includes Drop Salaries



Table V-6 Florida Retirement System Solvency Test (All Amounts in Thousands)

	July 1, 2011 Valuation Basis	July 1, 2012 Valuation Basis	July 1, 2013 Valuation Basis
Actuarial Accrued Liability for: a. Retired and Disabled Members, and Survivors	\$84,987,246	\$89,161,189	\$95,441,421
b. Vested Deferred and Inactive Status Members	4,637,774	5,059,727	5,234,608
c. Active Members i) Accumulated employee contributions with interest	31,339	681,638	1,228,277
ii) Employer-financed liabilities	55,378,116	53,147,042	52,221,647
d. Total	\$145,034,475	\$148,049,596	\$154,125,953
Net Assets Available for Benefits at Market Value	\$129,123,354	\$122,921,388	\$133,027,956
Ratio of Market Value of Assets to Actuarial Accrued Liabilities: [2 / 1]	89.03%	83.03%	86.31%



Table V-7 Florida Retirement System Net Pension Obligation - GASB Statement #27 (All Amounts in Thousands)

	AC	TUAL	PROJECTED
	7/1/2011 - 6/30/2012	7/1/2012 - 6/30/2013	7/1/2013 - 6/30/2014
Unfunded Actuarial Liability (UAL) / (Surplus)	\$16,512,765	\$18,956,422	\$20,157,815
2. Amortization of UAL	893,787	1,026,055	1,091,082
3. Normal Cost	1,069,029	1,065,288	1,112,726
4. Annual Required Contribution: [2 + 3]	\$1,962,816	\$2,091,343	\$2,203,808
5. Interest on Net Pension Obligation:	(42,922)	16,332	71,172
6 Adjustment to Annual Required Contribution:	29,977	(11,406)	(49,707)
7. Annual Pension Cost: [4 + 5 + 6]	\$1,949,871	\$2,096,269	\$2,225,273
8. Contributions Made:	\$1,185,310	\$1,388,656	NA
9. Percent Contributed: [8 / 4]	60%	66%	NA
10. Increase in Net Pension Obligation: [7 - 8]	764,561	707,613	NA
11. Net Pension Obligation at Beginning of Year:	(553,830)	210,731	918,344
12. Net Pension Obligation at End of Year:	210,731	918,344	NA



APPENDIX A

ACTUARIAL METHODS, PROCEDURES AND ASSUMPTIONS



Actuarial Valuation as of July 1, 2013

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ACTUARIAL METHODS, PROCEDURES AND ASSUMPTIONS

The actuarial procedures and assumptions used in this valuation are described herein.

Table A-I summarizes the assumptions. The pre-and post-retirement mortality rates are taken from the sources listed. The other rates were developed from the experience of the FRS and are illustrated in Tables A-2 through A-9, as noted.

The actuarial assumptions are intended to estimate the future experience of the members of the FRS and of the FRS in other areas that affect the projected benefit flow and anticipated investment earnings. Any variations in future experience from that expected from these assumptions will result in corresponding changes in the estimated costs of the FRS' benefits. These assumptions are based on Milliman's most recent review of the System's experience for the period July 1, 2003 through June 30, 2008, as adopted by the FRS Assumptions Conference and as modified by the February 16, 2010 study on House Bill 479 (2009) and the July 1, 2011 study on Senate Bill 2100 (2011) which were enacted into law.

All tables in this section give independent rates of decrement expressed as percentages. The independent rates of decrement are referred to by the general symbol "q'" in actuarial notation. The underlying theory is described more fully in Life Contingencies, by C. Wallace Jordan, Society of Actuaries (Second Edition, 1967), page 278.

ACTUARIAL COST METHOD

As part of the actuarial rate calculation methodology approved by the Assumptions Conference, the System's Normal Cost and Actuarial Liability are calculated using the "Ultimate Entry Age (Ultimate EAN)" actuarial cost allocation method. The cost method does not affect the calculation of overall projected system benefits (Present Value of Benefits), but it does affect the allocation of those benefits over a member's projected working career between past (Actuarial Liability), current year (Normal Cost) and all future year projected (present value of future normal costs) service. The Present Value of Benefits is equal to the sum of the Actuarial Liability and the Present Value of Future Normal Costs.

For a system such as FRS with two membership tiers, Ultimate EAN calculates the Normal Cost allocation for individual members as if each member participates in the tier available to new hires (Tier II) for his or her full working career. For members in Tier I, this means the Normal Cost under the Ultimate EAN method will be based on the benefit plan provisions in Tier II. Because Tier II results in lower expected benefit payments than under Tier I, the calculated Normal Cost rate is lower than it would be if the member's actual plan provisions were used.



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ACTUARIAL METHODS, PROCEDURES AND ASSUMPTIONS

Just as there are various cost allocation methods which can be selected by sponsors to set contribution policy, there can be multiple possible approaches to the application of a particular cost allocation method. The approach to Ultimate EAN being used in this valuation, consistent with past practice, calculates the portion of total projected benefits allocated to future service based on the assumption that the length of the Tier I member's future service period follows Tier II assumptions.

The actuarial cost allocation method does not affect the calculation of the Present Value of Benefits, which continues to be based on the plan provisions specific to each member's enrollment date. The Actuarial Liability is the Present Value of Benefits minus the Present Value of Future Normal Costs. Thus, the Ultimate EAN method used in this section leads to a lower Normal Cost and a higher Actuarial Liability for Tier I members than would be calculated under a method that based the Normal Costs of Tier I members on the Tier I benefit plan provisions.

Please note that the recently issued Statements 67 & 68 of the Governmental Accounting Standards Board (GASB) do not permit the use of the Ultimate EAN cost allocation method for accounting calculations. The Ultimate EAN method and the GASB 67 & 68 mandated variation of EAN ("Individual" EAN) will produce different Actuarial Liability and Normal Cost results. Determining which EAN methodology (Ultimate or Individual) generates higher current contribution rates depends on the period used to amortize the Unfunded Actuarial Liability. For FRS, the amortization periods used in the methodology approved by the Assumptions Conference will lead to the Ultimate EAN methodology having lower current calculated contribution rates than the Individual EAN methodology. As the number of Tier I active participants decreases, the Individual EAN Normal Cost would trend downward toward the Tier II Normal Cost. When all Tier I active participants have left the workforce the contribution results of the two variations should converge.

RECORDS AND DATA

The data used in this valuation consist of financial information and records of age, service and income of active members, annuitants and other inactive members. All of the data was supplied by the FRS, and was accepted for valuation purposes without audit.



REPLACEMENT OF TERMINATED MEMBERS

The ages and relative salaries at entry of future members are assumed to follow a new entrant distribution based on the current active population. Under this assumption, the normal cost rates for active members will remain valid in future years, unless the governing law or actuarial assumptions are changed.

GROWTH IN MEMBERSHIP

The membership of the FRS is assumed to grow at the rate of 0.0% per year. This assumption was changed in the July 1, 1997 valuation from 1.50% in the July 1, 1995 valuation, as required by GASB Statement No. 25.

ADMINISTRATIVE EXPENSE

It is assumed that investments will yield 7.75% net of all administrative and investment expenses.

VALUATION OF ASSETS

The asset valuation method determines the actuarial value as follows:

- **Step 1.** Determine the total yield on the investments of the FRS using the full investment return (including capital gains) measured by the difference in the actuarial value of the assets at the beginning of the plan year just ended and the market value of assets at the end of the year.
- **Step 2.** Calculate the excess of the yield determined in Step 1 over the expected yield for the same year according to the actuarial assumptions.
- **Step 3.** Calculate an adjusted yield equal to the expected yield plus one-fifth of the yield determined in Step 2.
- **Step 4.** The Actuarial Value of Assets used in this valuation equals the amount that would have existed if the actual yield on the assets had been at the yield determined in Step 3.

The resulting actuarial value of the assets shall not be less than 80% or more than 120% of the market value.



This method conforms to Section 121.031(3)(a), Florida Statutes, calling for an averaging method acceptable under U.S. Treasury Regulations in effect on August 16, 2008.

INVESTMENT EARNINGS

The future investment earnings of the assets of the FRS are assumed to accrue at an annual rate of 7.75%, compounded annually, net of investment and administrative expenses.

POST-RETIREMENT BENEFIT INCREASES

Senate Bill 2100 (2011) eliminated post-retirement benefit increases on benefits earned on and after July 1, 2011. Benefits earned before July 1, 2011 will receive post-retirement benefit increases of 3% per year. Tier II members (those initially enrolled on and after July 1, 2011) will receive no post-retirement benefit increases. Tier I members (those initially enrolled before July 1, 2011) will receive post-retirement benefit increases equal to 3% per year multiplied by a fraction, the numerator of which is service through June 30, 2011 and the denominator of which is total service at retirement.

INTEREST ON EMPLOYEE CONTRIBUTIONS

Interest is only credited on accounts held by members of TRS. A 6.5% annual rate of interest is assumed to be credited on these accounts.

FUTURE SALARIES

Salaries are assumed to increase between 4.00% and 10.00% per year depending on the member's age and service. In addition to increases in salary due to promotions and longevity, this scale includes an assumed 4.00% per annum rate of increase in the average wage level of the membership. Table A-2 shows merit (i.e., promotion and longevity) scale rates at representative ages, by class.

SERVICE RETIREMENT

For purposes of the valuation that develops actuarially calculated contribution rates, members are assumed to take unreduced retirement at the rates shown in Table A-3. As described in section G of the Executive Summary, these rates were



A-4

developed assuming that one half of those electing to go into DROP would have retired in the absence of DROP, and the other half would remain active.

GASB requires financial reporting liabilities to be calculated in a manner that treats entry into DROP as if it were equivalent to retirement. The rates of retirement used in Section V (and listed in the GASB columns below) differ from the rates shown in Table A-3 (and listed in the funding columns below) in that the rates at first eligibility used for GASB include the full probability of a member entering DROP, and the rates used for the funding valuation include 50% of the probability of a member entering DROP. The table below compares the "funding" and the "GASB" retirement rates at specific ages for Tier I members of the Regular class:

	Tier I FRS Regular – Retirement at First Eligibility								
	Funding Reti	rement Rates	GASB Reti	rement Rates					
Age	Men	Women	Men	Women					
45	11.4%	13.1%	18.4%	23.7%					
50	25.1	21.9	39.5	35.9					
55	31.3	26.7	49.9	44.8					
60	39.4 ¹	35.5	63.0 ¹	57.7					
65	23.5	29.2	37.9	49.3					

¹ A 60 year old male Tier I member in the Regular class is assumed to exit active status and begin an immediate pension with 15.8% probability, and enter DROP with 47.2% probability. Thus, the GASB retirement rate equals the sum of the two probabilities, and the funding retirement rate equals the probability of direct retirement (15.8%) plus 50% of the probability of DROP entry (50% of 47.2%).

Rates of reduced early retirement are included in rates of other terminations of employment.

All members who have attained age 80 (age 70 for TRS and IFAS) in active service are assumed to retire immediately.

DISABILITY

Note that the frequency of disability reflects not only the impairments but also the policies underlying the approval of claims and the administration of disability benefits. The more liberal the administration or conditions under which an employee may qualify for disability, the greater the expected incidence of disability.



A-5

Line-of-Duty Disability Incidence Rates

The rates used to estimate the likelihood of line-of-duty disability were initially based on Social Security disability experience reported in the Social Security Administration's disability study published as Actuarial Study Number 74, adjusted to recognize the FRS line-of-duty disability incidence experience. The most recent study looked at the line-of-duty disability incidence experience for the five fiscal years ending June 30, 2008, and adjusted the current tables slightly.

Not-in-Line-of-Duty Disability Incidence Rates

The rates used to estimate the likelihood of not-in-line-of-duty disability were initially based on Social Security disability experience reported in the Social Security Administration's disability study published as Actuarial Study Number 74, adjusted to recognize the FRS not-in-line-of-duty disability incidence experience. These rates were modified to be more in line with FRS experience during the five plan years ending June 30, 2008.

The rates of disablement used in the valuation are illustrated in Tables A-4 and A-5.

PRE-RETIREMENT MORTALITY

Mortality rates for members who die in service are based on the RP–2000 Employee Mortality tables for males and females. Table A-6 shows these rates at representative ages.

To allocate active member deaths between duty and non-duty death, the following percentages of total active member deaths were assumed to be duty deaths.



	FRS-Sp	FRS-All (Other Groups	
Age	Men	Women	Men	Women
37	60%	60%	25%	15%
42	40	40	25	15
47	30	30	15	10
52	25	25	15	10

POST-RETIREMENT MORTALITY

Mortality rates for all members once in retirement status are based on the RP-2000 Healthy White Collar tables for males and females, as projected from the year 2000 using Projection Scale AA, adjusted by the following percentages:

	Males	Females
Regular and Special Risk Class	90.9%	95.8%
ECO, ESO, Judges, Senior Management and Special Risk Administrative	82.4%	56.7%

As a generational table, it reflects mortality improvement both before and after the measurement date. Table A-7 shows these rates for representative ages.

DISABILITY MORTALITY RATES

Disability mortality rates are based on the RP–2000 Disabled Retiree Table for males and the PBGC Disabled with Social Security Table for females, adjusted by the following percentages:

	Adjustment Factor
Males	
Under age 45	92.4%
Age 51 and over	73.9%
Ages 46 – 50 are interpolated between the two factors	
Females	
Under age 65	82.9%
Age 65 and over	88.1%

Representative rates of disability mortality are illustrated in Table A-8.



A-7

OTHER TERMINATIONS OF EMPLOYMENT

Table A-9 shows, for representative ages, the rates assumed in this valuation for future withdrawal from active service for reasons other than death, disability or retirement with an unreduced benefit. These rates contain the probability of retiring with a reduced immediate pension. For Special Risk members entitled to benefits and terminating employment before age 45, we assume benefit commencement at age 45. For others entitled to benefits and terminating before age 55, we assume benefit commencement at age 55. Members leaving after those ages and entitled to benefits are assumed to commence benefits immediately at termination of employment.

ELIGIBLE SURVIVORS

It is assumed that 80% of deceased active members will have survivors eligible for lifetime benefits upon their death. Males are assumed to be three years older than their female spouses.

MILITARY SERVICE AND OUT-OF-STATE SERVICE CREDITS

Each member is assumed to have the following additional years of service credit purchased:

	FRS-Sp	ecial Risk	FRS-All Oth	ner Groups
Type of Service Credit	Men	Women	Men	Women
Military Service Credit 1)	0.2818	0	0.1853	0
Out-of-State Service Credit 2)	0	0	0.0910	0.0910

Pre-1987 hires only; service is eligible for the COLA.

No extra service credit was assumed for TRS and IFAS participants.

ANNUAL LEAVE CREDIT

Unused annual leave in the amount of 139 hours is assumed to be credited to each retiring member to increase the salary used for calculating the retirement benefits. We reflect this assumption by applying a load of 1.013 to the average monthly compensation of active Tier I members, and a load of 1.008 to the average monthly compensation of active Tier II members.



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²⁾ Pre-July 1, 2011 enrollees; service is eligible for the COLA.

TABLE A-1

Summary of Valuation Assumptions July 1, 2013

I. Economic Assumptions

A. General Wage Increases
B. Investment Earnings
C. Growth in Membership
4.00%*
7.75%*
0.00%

D. Post-Retirement Benefit Increases Varies based on date of

enrollment

* Including a 3.0% inflation assumption.

II. Non-Economic Assumptions

A. Salary Increases Due to Promotion and Table A-2

Longevity

B. Service Retirement Table A-3; rates reflect the

enactment of 2009 House Bill 479 and 2011 Senate Bill

2100

C. Disablement Tables A-4 and A-5

D. Pre-Retirement Mortality RP–2000 Mortality Tables for

males and females. Table A-6

E. Post-Retirement Mortality RP–2000 Healthy White Collar

Tables for males and females, projected from 2000 using

Projection Scale AA.

Table A-7

F. Disabled Termination

(Mortality and Recovery) Table A-8

G. Other Terminations of Employment Table A-9



Table A-2 Salary										
REGULAR – Male										
Combined					Attaine	ed Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
1	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
2	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
3	2.84%	2.84%	2.84%	2.84%	2.84%	2.84%	2.84%	2.84%	2.84%	2.84%
4	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%
5	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%
6	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%
7	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
8	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
9	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
10 or more	3.00%	3.00%	3.00%	3.00%	2.50%	2.00%	1.50%	0.50%	0.50%	0.50%
			DE			la.				
			RE	JULAK	- Fema					
Combined					Attaine					
Years of Service	20	25	30	35	40	45	50	55	60	65
0	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
1	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%
2	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%
3	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%	2.62%
4	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%
5	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%
6	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%	2.47%
7	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%
8	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
9	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%	1.97%
10 or more	3.00%	3.00%	3.00%	3.00%	2.50%	2.00%	1.00%	0.00%	0.00%	0.00%
		E	CO, ES	O – Ma	le and I	Female				
Combined					Attaine	ed Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
1	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
2	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
3	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
4	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
5	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
6	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
7	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
8	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
9	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%
10 or more	0.43%	0.43%	0.43%	0.43%	0.43%	0.23%	0.03%	0.00%	0.00%	0.00%



Table A2 (cont.) Salary											
JUDGES – Male and Female											
Combined					Attain	ed Age					
Years of Service	20	25	30	35	40	45	50	55	60	65	
0	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
1	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
2	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
3	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
4	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
5	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
6	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
7	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
8	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
9	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	
10 or more	0.43%	0.43%	0.43%	0.43%	0.43%	0.43%	0.00%	0.00%	0.00%	0.00%	
SENIOR MANAGEMENT – Male											
Combined					Attain	ed Age					
Years of Service	20	25	30	35	40	45	50	55	60	65	
0	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	
1	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	4.38%	
2	3.94%	3.94%	3.94%	3.94%	3.94%	3.94%	3.94%	3.94%	3.94%	3.94%	
3	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	
4	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	
5	3.06%	3.06%	3.06%	3.06%	3.06%	3.06%	3.06%	3.06%	3.06%	3.06%	
6	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
7	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
8	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
9	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
10 or more	2.18%	2.18%	2.18%	2.18%	1.74%	1.30%	0.86%	0.86%	0.86%	0.86%	
		SENI	OR MA	NAGE	/IENT -		;				
Combined	00	05	00	0.5		ed Age	50		00	05	
Years of Service	20	25	30	35	40	45	50	55	60	65	
0	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	
1	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	
2	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	
3	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	
4	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	4.02%	
5	3.41%	3.41%	3.41%	3.41%	3.41%	3.41%	3.41%	3.41%	3.41%	3.41%	
6	2.59%	2.59%	2.59%	2.59%	2.59%	2.59%	2.59%	2.59%	2.59%	2.59%	
7	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
8	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
9	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	
10 or more	2.18%	2.18%	2.18%	2.18%	1.36%	1.15%	0.54%	0.00%	0.00%	0.00%	



Table A-2 (cont.) Salary										
SPECIAL RISK – Male										
Combined					Attain	ed Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
1	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
2	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
3	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
4	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
5	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
6	2.95%	2.95%	2.95%	2.95%	2.95%	2.95%	2.95%	2.95%	2.95%	2.95%
7	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%
8	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%
9	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%
10 or more	2.50%	2.50%	2.50%	2.50%	2.50%	2.00%	1.00%	0.50%	0.50%	0.50%
	SPECIAL RISK – Female									
Combined					Attain	ed Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%
1	4.57%	4.57%	4.57%	4.57%	4.57%	4.57%	4.57%	4.57%	4.57%	4.57%
2	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
3	2.77%	2.77%	2.77%	2.77%	2.77%	2.77%	2.77%	2.77%	2.77%	2.77%
4	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
5	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
6	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%	2.55%
7	2.54%	2.54%	2.54%	2.54%	2.54%	2.54%	2.54%	2.54%	2.54%	2.54%
8	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%
9	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%	2.52%
10 or more	2.50%	2.50%	2.50%	2.50%	2.00%	1.50%	1.25%	0.75%	0.75%	0.75%
	SF	PECIAL	RISK A	ADMIN -	– Male	and Fe	male			
Combined						ed Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
1	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
2	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
3	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
4	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
5	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
6	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
7	2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	2.61%
8	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%
9	2.19%	2.19%	2.19%	2.19%	2.19%	2.19%	2.19%	2.19%	2.19%	2.19%
10 or more	1.97%	1.97%	1.97%	1.97%	1.55%	1.12%	0.91%	0.91%	0.91%	0.91%



Table A-3 **Unreduced Retirement Annual Rates – Tier I Members REGULAR** Male **Female** Retirement Beyond Retirement Beyond Retirement at Retirement at First Eligibility First Eligibility First Eligibility First Eligibility Age 0.0% 40 0.0% 0.0% 0.0% 45 11.4% 3.0% 13.1% 1.7% 50 25.1% 9.5% 21.9% 6.2% 55 31.3% 9.1% 26.7% 7.6% 60 39.4% 10.4% 35.5% 14.6% 65 23.5% 11.0% 29.2% 19.0% 70 24.6% 12.3% 22.6% 15.1% 75 23.6% 12.3% 21.2% 15.1% 80 64.8% 43.6% 58.0% 44.1% **ELECTED OFFICERS' GROUPS: ECO, ESO Female** Retirement Beyond Retirement Bevond Retirement at Retirement at Age First Eligibility First Eligibility First Eligibility First Eligibility 40 0.0% 0.0% 0.0% 0.0% 8.0% 0.0% 7.8% 1.2% 45 1.2% 9.6% 12.8% 50 0.7% 55 17.0% 4.0% 14.3% 1.5% 19.3% 13.8% 7.2% 60 4.9% 65 21.8% 9.6% 17.4% 10.7% 70 27.3% 15.2% 21.3% 13.4% 75 27.3% 13.4% 21.3% 13.4% 80 57.3% 52.6% 12.9% 58.4% Rates for the ECO and ESO groups differ only at age 64, retirement at first eligibility for males. Otherwise, the tables are identical. **JUDICIAL Female** Male

Age	Retirement at First Eligibility	Retirement Beyond First Eligibility	Retirement at First Eligibility	Retirement Beyond First Eligibility
40	0.0%	0.0%	0.0%	0.0%
45	8.0%	0.0%	7.8%	1.2%
50	9.6%	0.7%	12.8%	1.2%
55	12.0%	1.5%	17.0%	4.0%
60	12.1%	4.9%	18.4%	7.2%
65	20.0%	9.6%	18.2%	10.7%
70	25.0%	15.2%	16.5%	13.4%
75	25.0%	13.4%	16.5%	13.4%
80	55.0%	52.6%	8.1%	58.4%



Table A-3 (cont.) Unreduced Retirement Annual Rates – Tier I Members									
SENIOR MANAGEMENT SERVICE									
Male Female									
Age	Retirement at First Eligibility	Retirement Beyond First Eligibility	Retirement at First Eligibility	Retirement Beyond First Eligibility					
40	0.0%	0.0%	0.0%	0.0%					
45	10.3%	2.1%	12.1%	0.4%					
50	24.2%	11.1%	20.9%	5.9%					
55	29.1%	10.3%	25.3%	6.6%					
60	37.2%	14.9%	40.0%	12.8%					
65	31.7%	21.5%	35.2%	21.4%					
70	19.3%	18.1%	18.8%	17.1%					
75	18.3%	18.1%	17.5%	17.1%					
80	64.5%	60.1%	66.8%	54.9%					
		TRS							
	N	Male	F	emale					
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond					
Age	First Eligibility ²	First Eligibility	First Eligibility ²	First Eligibility					
40	N/A	0.0%	N/A	0.0%					
45	N/A	2.5%	2.5% N/A						
50	N/A	2.5%	N/A	1.5%					
55	N/A	13.5%	N/A	9.0%					
60	N/A	56.5%	N/A	55.5%					
65	N/A	56.5%	N/A	57.5%					
70	N/A	58.0%	N/A	57.0%					
75	N/A	58.0%	N/A	57.0%					
80	N/A	58.0%	N/A	57.0%					
		SPECIAL RI	SK						
	<u> </u>	Male	F	emale					
Age	Retirement at First Eligibility	Retirement Beyond First Eligibility	Retirement at First Eligibility	Retirement Beyond First Eligibility					
40	2.4%	0.9%	2.4%	0.9%					
45	7.6%	0.9%	4.1%	4.7%					
50	20.9%	4.5%	14.6%	4.4%					
55	16.5%	4.7%	13.5%	4.8%					
60	12.1%	4.9%	17.0%	7.9%					
65	39.8%	14.5%	31.7%	10.6%					
70	71.3%	13.6%	71.7%	9.2%					
75	71.3%	25.5%	71.7%	65.0%					
80	71.3%	65.0%	71.7%	65.0%					
	IFAS: It is assumed that IFAS participants will retire upon the later of attainment of age 62 and 10 years of covered								

² All active TRS members are beyond first eligibility for retirement.



service or immediately, if beyond that time.

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	Table A-3 (cont.) Unreduced Retirement Annual Rates – Tier I Members										
SPECIAL RISK ADMINISTRATIVE SUPPORT											
	Male Female										
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond							
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility							
40	0.0%	0.0%	0.0%	0.0%							
45	11.3%	0.0%	11.3%	0.0%							
50	18.0%	4.5%	18.0%	4.5%							
55	33.0%	5.8%	56.5%	5.8%							
60	24.8%	11.6%	42.6%	11.6%							
65	69.2%	56.0%	69.5%	56.0%							
70	78.2%	65.0%	78.5%	65.0%							
75	78.2%	65.0%	78.5%	65.0%							
80	78.2%	65.0%	78.5%	65.0%							



	Table A-3 Unreduced Retirement Annual Rates – Tier II Members									
REGULAR										
		emale								
	Retirement at	Male Retirement Beyond	Retirement at	Retirement Beyond						
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility						
40	0.0%	0.0%	0.0%	0.0%						
45	11.4%	3.0%	13.1%	1.7%						
50	25.1%	9.5%	21.9%	6.2%						
55	31.3%	9.1%	26.7%	7.6%						
60	39.4%	10.4%	35.5%	14.6%						
65	32.6%	11.0%	38.3%	19.0%						
70	24.6%	12.3%	22.6%	15.1%						
75	23.6%	12.3%	21.2%	15.1%						
80	64.8%	43.6%	58.0%	44.1%						
	EL	ECTED OFFICERS' GRO								
		Male		emale						
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond						
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility						
40	0.0%	0.0%	0.0%	0.0%						
45	8.0%	0.0%	7.8%	1.2%						
50	9.6%	0.7%	12.8%	1.2%						
55	14.3%	1.5%	17.0%	4.0%						
60	19.3%	4.9%	13.8%	7.2%						
65	29.8%	9.6%	25.4%	10.7%						
70	27.3%	15.2%	21.3%	13.4%						
75	27.3%	13.4%	21.3%	13.4%						
80	57.3%	52.6%	12.9%	58.4%						
		JUDICIAL								
		Male		emale						
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond						
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility						
40	0.0%	0.0%	0.0%	0.0%						
45	8.0%	0.0%	7.8%	1.2%						
50	9.6%	0.7%	12.8%	1.2%						
55	12.0%	1.5%	17.0%	4.0%						
60	12.1%	4.9%	18.4%	7.2%						
65	28.0%	9.6%	26.2%	10.7%						
70	25.0%	15.2%	16.5%	13.4%						
75	25.0%	13.4%	16.5%	13.4%						
80	55.0%	52.6%	8.1%	58.4%						



Table A-3 (cont.) Unreduced Retirement Annual Rates – Tier II Members									
SENIOR MANAGEMENT SERVICE									
Male Female									
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond					
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility					
40	0.0%	0.0%	0.0%	0.0%					
45	10.3%	2.1%	12.1%	0.4%					
50	24.2%	11.1%	20.9%	5.9%					
55	29.1%	10.2%	25.3%	6.6%					
60	37.2%	14.9%	40.0%	12.8%					
65	40.3%	21.5%	43.8% 21.4%						
70	19.3%	18.1%	18.8% 17.1%						
75	18.3%	18.1%	17.5%	17.1%					
80	64.5%	60.1%	66.8%	54.9%					
		SPECIAL RI	SK						
	ľ	Male	F	emale					
	Retirement at	Retirement Beyond	Retirement at	Retirement Beyond					
Age	First Eligibility	First Eligibility	First Eligibility	First Eligibility					
40	2.4%	0.9%	2.4%	0.9%					
45	7.6%	0.9%	4.1%	4.7%					
50	20.9%	4.5%	14.6%	4.4%					
55	24.8%	4.7%	19.7%	4.8%					
60	12.1%	4.9%	17.0%	7.9%					
65	39.8%	14.5%	31.7%	10.6%					
70	71.3%	13.6%	71.7%	9.2%					
75	71.3%	25.5%	71.7%	65.0%					
80	71.3%	65.0%	71.7%	65.0%					
There a	re no separate Tier II	retirement rates for Speci	al Risk Administrative	Support, IFAS, or TRS.					

Table A-4 Line-of-Duty Disability Annual Rates									
	REGULAR								
Age									
20	0.002%	0.000%							
25 25	0.002%	0.000%							
30	0.002%	0.001%							
35	0.005%	0.001%							
40	0.009%	0.005%							
45	0.014%	0.008%							
50	0.022%	0.010%							
55	0.034%	0.016%							
60	0.048%	0.022%							
65	0.050%	0.020%							
70	0.047%	0.017%							
75	0.046%	0.013%							
80	0.046%	0.011%							
	ECO, ESO, JUDGES,	SENIOR MANAGEMENT							
Age	Male	Female							
20	0.004%	0.001%							
25	0.004%	0.001%							
30	0.005%	0.001%							
35	0.007%	0.002%							
40	0.011%	0.003%							
45	0.017%	0.005%							
50	0.029%	0.007%							
55	0.044%	0.011%							
60	0.044%	0.014%							
65	0.044%	0.013%							
70	0.044%	0.013%							
75	0.044%	0.013%							
80	0.044%	0.013%							



Table A-4 (cont.) Line-of-Duty Disability Annual Rates							
SPECIAL RISK, SPECIAL RISK ADMINISTRATIVE							
Age	Male	Female					
20	0.012%	0.008%					
25	0.012%	0.008%					
30	0.017%	0.016%					
35	0.029%	0.037%					
40	0.051%	0.068%					
45	0.087%	0.106%					
50	0.138%	0.153%					
55	0.215%	0.152%					
60	0.301%	0.151%					
65	0.231%	0.143%					
70	0.231%	0.143%					
75	0.231%	0.143%					
80	0.231%	0.143%					
	TRS						
	Same as Non-Du	ty Disability					



	Table A-5 Non-Duty Disability Annual Rates							
	REGULAR							
Age	Male	Female						
20	0.000%	0.000%						
25	0.027%	0.010%						
30	0.053%	0.026%						
35	0.066%	0.049%						
40	0.092%	0.070%						
45	0.122%	0.114%						
50	0.203%	0.184%						
55	0.339%	0.294%						
60	0.445%	0.419%						
65	0.215%	0.105%						
70	0.202%	0.105%						
75	0.139%	0.105%						
80	0.139%	0.105%						
	ECO, ESO, JUDGES,	SENIOR MANAGEMENT						
Age	Male	Female						
20	0.000%	0.002%						
25	0.000%	0.002%						
30	0.016%	0.017%						
35	0.022%	0.030%						
40	0.033%	0.047%						
45	0.072%	0.096%						
50	0.121%	0.151%						
55	0.210%	0.162%						
60	0.313%	0.162%						
65	0.156%	0.106%						
70	0.156%	0.106%						
75	0.154%	0.106%						
80	0.100%	0.106%						



Table A-5 (cont.) Non-Duty Disability Annual Rates							
SPECIAL RISK, SPECIAL RISK ADMINISTRATIVE							
Age	Male	Female					
20	0.037%	0.036%					
25	0.037%	0.036%					
30	0.043%	0.046%					
35	0.055%	0.075%					
40	0.087%	0.118%					
45	0.140%	0.209%					
50	0.292%	0.254%					
55	0.244%	0.328%					
60	0.206%	0.328%					
65	0.206%	0.328%					
70	0.206%	0.328%					
75	0.206%	0.328%					
80	0.206%	0.328%					
		TRS					
Age	Male	Female					
20	0.149%	0.089%					
25	0.149%	0.089%					
30	0.190%	0.154%					
35	0.264%	0.262%					
40	0.396%	0.382%					
45	0.616%	0.580%					
50	1.044%	0.914%					
55	1.818%	1.532%					
60	2.724%	1.876%					
65	3.436%	1.924%					
70	3.436%	1.924%					
75	3.436%	1.924%					
80	3.436%	1.924%					



	Table A-6 Pre-Retirement Mortality Annual Rates										
	REGULAR, ECO, ESO, JUDGES, SENIOR MANAGEMENT										
		Male	Fer	nale							
Age	Duty Death	Non-Duty Death	Duty Death	Non-Duty Death							
20	0.01%	0.03%	0.00%	0.02%							
25	0.01%	0.03%	0.00%	0.02%							
30	0.01%	0.03%	0.00%	0.02%							
35	0.02%	0.06%	0.01%	0.04%							
40	0.03%	0.08%	0.01%	0.06%							
45	0.02%	0.13%	0.01%	0.10%							
50	0.03%	0.18%	0.02%	0.14%							
55	0.04%	0.21%	0.02% 0.18%								
60	0.06%	0.33%	0.03%	0.28%							
65	0.09%	0.52%	0.05%	0.42%							
70	0.12%	0.68%	0.06%	0.55%							
75	0.18%	1.04%	0.09%	0.81%							
80	0.31%	1.77%	0.15%	1.33%							
	SPECI	AL RISK, SPECIAL R	ISK ADMINISTRA	TIVE							
		Male	Fer	nale							
Age	Duty Death	Non-Duty Death	Duty Death	Non-Duty Death							
20	0.02%	0.01%	0.01%	0.01%							
25	0.02%	0.02%	0.01%	0.01%							
30	0.03%	0.02%	0.02%	0.01%							
35	0.05%	0.03%	0.03%	0.02%							
40	0.04%	0.06%	0.03%	0.04%							
45	0.05%	0.11%	0.03%	0.08%							
50	0.05%	0.16%	0.04%	0.13%							
55	0.08%	0.23%	0.06%	0.17%							
60	0.10%	0.29%	0.08%	0.24%							
65	0.15%	0.46%	0.12%	0.35%							
70	0.20%	0.60%	0.15%	0.46%							
75	0.31%	0.92%	0.23%	0.68%							
80	0.52%	1.57%	0.37%	1.11%							



	Table A-6 (cont.) Pre-Retirement Mortality Annual Rates							
	TRS							
Age	Male	Female						
20	0.05%	0.02%						
25	0.05%	0.03%						
30	0.07%	0.04%						
35	0.09%	0.05%						
40	0.13%	0.08%						
45	0.20%	0.11%						
50	0.38%	0.17%						
55	0.65%	0.25%						
60	1.00%	0.39%						
65	1.59%	0.69%						
70	2.63%	1.16%						
75	0.00%	0.00%						
80	0.00%	0.00%						
Age	Male	Female						
20	0.03%	0.02%						
25	0.04%	0.02%						
30	0.04%	0.03%						
35	0.08%	0.05%						
40	0.11%	0.07%						
45	0.15%	0.11%						
50	0.21%	0.17%						
55	0.30%	0.25%						
60	0.49%	0.39%						
65	0.76%	0.58%						
70	0.99%	0.76%						
75	0.00%	0.00%						
80	0.00%	0.00%						



	Table A-7 ¹							
Po	st-Retirement Mortal							
	REGULAR AND SPECIAL RISK							
Age	Male	Female						
20	0.15%	0.01%						
25	0.19%	0.02%						
30	0.23%	0.03%						
35	0.29%	0.05%						
40	0.35%	0.09%						
45 50	0.44%	0.14%						
50 55	0.54%	0.23%						
55 60	0.49%	0.33%						
60 65	0.60% 1.06%	0.54% 0.87%						
70	1.75%	1.46%						
76 75	3.06%	2.46%						
80	5.40%	4.13%						
85	9.52%	7.11%						
90	16.21%	12.09%						
95	24.32%	18.64%						
100	31.32%	22.76%						
105	36.17%	28.09%						
110	36.36%	34.94%						
115	36.36%	38.33%						
120	90.91%	95.83%						
	ECO, ESO, J, SM	, and SRA						
Age	Male	Female						
20	0.14%	0.01%						
25	0.17%	0.01%						
30	0.21%	0.02%						
35	0.26%	0.03%						
40	0.32%	0.05%						
45 50	0.40% 0.49%	0.09% 0.14%						
55 55	0.45%	0.14%						
60	0.54%	0.20%						
65	0.96%	0.52%						
70	1.59%	0.86%						
75	2.77%	1.46%						
80	4.89%	2.44%						
85	8.62%	4.21%						
90	14.68%	7.15%						
95	22.03%	11.03%						
100	28.37%	13.46%						
105	32.77%	16.62%						
110	32.94%	20.67%						
115	32.94%	22.68%						
120	82.35%	56.70%						

¹ Rates are shown for 2000. Rates are projected to the valuation date using projection Scale AA.



Table A-8 Disabled Termination (Mortality and Recovery)										
	All Groups									
Age	Male	Female								
20	2.09%	2.18%								
25	2.09%	2.18%								
30	2.09%	1.96%								
35	2.09%	1.77%								
40	2.09%	1.73%								
45	2.09%	1.86%								
50	2.14%	2.13%								
55	2.62%	2.44%								
60	3.11%	2.74%								
65	3.71%	3.26%								
70	4.63%	3.62%								
75	6.07%	4.33%								
80	8.08%	6.57%								
85	10.47%	9.93%								
90	13.56%	14.81%								
95	19.77%	22.24%								
100	25.47%	33.37%								
105	29.41%	50.05%								



Table A-9 Other Terminations of Employment Annual Rates											
REGULAR - Male											
Combined					Attaine	d Age					
Years of Service	20	25	30	35	40	45	50	55	60	65	
0	32.8%	27.2%	25.8%	25.8%	24.4%	24.4%	23.4%	27.4%	27.4%	27.4%	
1	25.4%	18.5%	15.4%	14.3%	12.6%	12.5%	12.2%	12.2%	12.2%	12.2%	
2	22.7%	17.2%	14.0%	12.8%	12.0%	11.6%	10.7%	10.7%	10.7%	10.7%	
3	18.4%	14.6%	13.2%	12.6%	10.7%	10.3%	9.4%	9.3%	9.3%	9.3%	
4	15.8%	12.7%	11.8%	10.9%	9.0%	8.8%	7.9%	7.8%	7.8%	7.8%	
5	11.7%	9.7%	8.8%	8.5%	7.4%	6.8%	6.0%	6.8%	6.8%	6.8%	
6	11.1%	8.5%	7.8%	7.5%	6.7%	6.5%	5.5%	5.4%	5.4%	5.4%	
7	11.1%	8.4%	7.1%	6.8%	6.2%	6.0%	5.3%	5.2%	5.1%	5.1%	
8	11.0%	7.7%	6.4%	6.2%	5.8%	5.1%	4.6%	4.4%	4.3%	4.3%	
9	10.0%	6.3%	5.5%	5.3%	5.3%	5.1%	4.6%	4.3%	4.2%	4.2%	
10 or more	9.8%	6.2%	4.7%	4.2%	3.0%	2.7%	3.0%	4.5%	5.3%	3.7%	
			REGU	LAR –	Female						
Combined					Attaine						
Years of Service	20	25	30	35	40	45	50	55	60	65	
0	30.3%	26.6%	25.4%	25.4%	24.4%	24.4%	23.2%	23.2%	23.2%	23.2%	
1	25.8%	19.8%	16.9%	15.9%	14.0%	13.9%	13.4%	13.4%	13.4%	13.4%	
2	22.1%	17.1%	14.5%	13.5%	12.1%	11.9%	11.0%	11.0%	11.0%	11.0%	
3	17.4%	13.0%	11.6%	11.2%	10.0%	9.8%	8.8%	8.7%	8.7%	8.7%	
4	15.4%	12.9%	11.3%	10.9%	9.1%	8.8%	8.4%	8.3%	8.3%	8.3%	
5	13.5%	10.7%	9.4%	9.0%	7.0%	6.7%	6.2%	6.1%	6.1%	6.1%	
6	11.4%	9.7%	8.7%	8.0%	6.5%	6.5%	5.9%	5.8%	5.8%	5.8%	
7	11.3%	9.2%	8.1%	7.8%	6.3%	6.1%	5.5%	5.4%	5.4%	5.4%	
8	10.5%	7.8%	7.1%	6.8%	6.1%	5.8%	5.5%	5.4%	5.4%	5.4%	
9	10.2%	7.1%	6.5%	6.2%	5.0%	4.7%	4.6%	4.5%	4.5%	4.5%	
10 or more	11.6%	5.3%	5.4%	4.6%	3.3%	3.0%	3.0%	3.0%	3.0%	3.0%	
			F	CO – M	ale						
O a mala in a al				- 141		-l A					
Combined Years of Service	20	25	30	35	Attaine 40	d Age 45	50	55	60	65	
0	8.2%	8.2%	8.2%	8.2%	8.2%	8.2%	8.2%	8.2%	8.2%	8.2%	
1	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	
2 3	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	1.9% 3.0%	
3 4	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	
5	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	
6	2.7%	2.5%	2.3%	2.5%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	
7	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	
8	13.8%	13.8%	13.8%	13.8%	13.8%	13.8%	13.6%	13.4%	13.3%	11.5%	
9	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.6%	4.4%	4.3%	2.5%	
10 or more	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.6%	5.3%	5.2%	3.5%	



Table A-9 (cont.) Other Terminations of Employment Annual Rates										
ECO – Female										
Combined Attained Age										
Years of Service	20	25	30	35	40	45	50	55	60	65
0 1	0.0% 2.2%									
2	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
3	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
4	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%	18.1%
5	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%
6	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
7	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
8	12.0%	12.0%	12.0%	12.0%	12.0%	12.0%	11.9%	11.7%	11.6%	10.2%
9	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.1%	2.8%	2.7%	1.0%
10 or more	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%	4.1%	3.9%	3.8%	2.4%
			ES	SO – Ma	ale					
Combined					Attaine	d Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%	4.2%
1	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%
2	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%	11.7%
3	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%
4	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
5	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
6	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%	10.6%
7	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
8 9	20.2% 6.6%	20.2% 6.6%	20.2% 6.6%	20.2% 6.6%	20.2% 6.6%	20.8% 7.2%	20.0% 6.4%	18.7% 5.2%	18.4% 4.9%	16.7% 3.1%
10 or more	6.7%	6.7%	6.7%	6.7%	6.7%	7.2%	6.6%	5.7%	5.5%	4.2%
TO OF MIDIC	0.770	0.7 70				7.170	0.070	3.7 70	0.070	7.2 /0
			ESC	O – Fen	nale					
Combined					Attaine	d Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%	9.1%
2	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%
3	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
4	16.3%	16.3%	16.3%	16.3%	16.3%	16.3%	16.3%	16.3%	16.3%	16.3%
5 6	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
6 7	7.5% 0.0%									
<i>7</i> 8	17.8%	17.8%	17.8%	17.8%	17.8%	18.4%	17.6%	16.3%	16.0%	14.3%
9	3.5%	3.5%	3.5%	3.5%	3.5%	4.1%	3.3%	2.1%	1.8%	0.0%
10 or more	10.8%	10.8%	10.8%	10.8%	10.8%	11.4%	10.6%	9.4%	9.1%	7.3%



Table A-9 (cont.) Other Terminations of Employment Annual Rates										
JUDGES - Male										
Combined	Attained Age									
Years of Service	20	25	30	35	40	45	50	55	60	65
0	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
1	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
2	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
3	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
4	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
5	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
6	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
7	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
8	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
9	1.3%	1.3%	1.3%	1.2%	1.2%	1.2%	1.1%	0.8%	0.7%	0.5%
10 or more	2.0%	2.0%	2.0%	1.9%	1.9%	1.9%	1.7%	1.3%	1.1%	0.7%
			JUDG	ES – F	emale					
Combined					Attaine	d Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
1	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
2	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
3	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
4	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%
5	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
6	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
7	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
8	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
9	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.4%	1.1%	1.0%	0.8%
10 or more	2.9%	2.9%	2.9%	2.7%	2.7%	2.7%	2.4%	2.0%	1.8%	1.4%
		SENI	OR MA	NAGEI	MENT -	Male				
Combined					Attaine					
Years of Service	20	25	30	35	40	45	50	55	60	65
0	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%
1	27.9%	23.3%	20.7%	19.4%	18.9%	18.8%	18.8%	18.8%	18.8%	18.8%
2	24.9%	21.4%	19.3%	18.0%	17.2%	16.9%	16.8%	16.8%	16.8%	16.8%
3	19.5%	18.5%	17.7%	17.1%	16.7%	16.4%	16.2%	16.0%	16.0%	16.0%
4	15.5%	14.9%	14.5%	13.6%	12.9%	12.6%	12.4%	12.3%	12.2%	12.2%
5	10.9%	10.5%	10.0%	9.7%	9.3%	8.6%	8.2%	8.1%	8.0%	8.0%
6	10.6%	10.3%	9.8%	9.3%	9.0%	8.7%	8.4%	8.3%	8.1%	8.1%
7	10.5%	10.2%	9.7%	9.2%	8.8%	8.5%	8.3%	8.1%	8.0%	8.0%
8	9.6%	9.5%	9.1%	8.8%	8.5%	8.3%	8.1%	8.0%	7.9%	7.8%
9	6.6%	6.6%	6.3%	6.1%	5.9%	5.7%	5.6%	5.4%	5.3%	5.3%
10 or more	4.8%	4.8%	4.1%	3.6%	3.2%	2.9%	3.0%	3.1%	3.5%	2.6%



Table A-9 (cont.) Other Terminations of Employment Annual Rates										
SENIOR MANAGEMENT – Female										
Combined	Attained Age									
Years of Service	20	25	30	35	40	45	50	55	60	65
0	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%	21.1%
1	25.8%	21.7%	19.6%	18.5%	18.1%	18.0%	18.0%	18.0%	18.0%	18.0%
2	22.8%	20.0%	18.3%	17.3%	16.7%	16.5%	16.4%	16.4%	16.4%	16.4%
3	19.0%	18.0%	17.3%	16.7%	16.2%	15.9%	15.7%	15.6%	15.6%	15.6%
4	14.6%	14.0%	13.5%	13.0%	12.7%	12.4%	12.1%	12.0%	11.8%	11.8%
5	12.1%	11.3%	10.5%	9.9%	9.4%	9.0%	8.7%	8.6%	8.5%	8.5%
6	10.9%	10.6%	10.1%	9.7%	9.4%	9.1%	8.8%	8.7%	8.5%	8.5%
7	10.3%	10.1%	9.6%	9.2%	8.8%	8.6%	8.4%	8.2%	8.1%	8.1%
8	7.7%	7.6%	7.1%	6.8%	6.5%	6.2%	6.0%	5.9%	5.8%	5.7%
9	7.4%	7.4%	6.9%	6.5%	6.1%	5.8%	5.5%	5.3%	5.1%	5.1%
10 or more	4.8%	4.8%	3.9%	3.2%	2.7%	2.4%	2.1%	1.9%	1.9%	1.9%
SPECIAL RISK – Male										
Combined					Attaine					
Years of Service	20	25	30	35	40	45	50	55	60	65
0	21.4%	20.6%	20.6%	20.6%	20.6%	20.6%	20.6%	20.6%	20.6%	20.6%
1	10.3%	9.8%	9.5%	8.8%	8.0%	7.3%	6.5%	5.8%	5.3%	5.3%
2	8.6%	8.1%	7.7%	7.4%	6.8%	6.0%	5.3%	4.7%	4.7%	4.7%
3	8.4%	7.9%	7.5%	7.2%	6.7%	6.0%	5.3%	4.7%	4.7%	4.7%
4	7.5%	7.0%	6.7%	6.5%	6.0%	5.5%	5.0%	4.6%	4.6%	4.6%
5	5.3%	5.3%	5.3%	5.3%	4.8%	4.3%	3.8%	3.3%	3.3%	3.3%
6	5.2%	5.2%	5.2%	5.1%	4.6%	4.1%	3.6%	3.2%	3.2%	3.2%
7	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%
8	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%
9	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%
10 or more	2.3%	2.3%	2.1%	2.0%	1.9%	1.8%	1.8%	1.8%	1.8%	1.8%
		S	PECIAL	RISK	– Fema	ale				
Combined					Attaine	d Age				
Years of Service	20	25	30	35	40	45	50	55	60	65
0	21.3%	21.3%	21.3%	21.3%	21.3%	21.3%	21.3%	21.3%	21.3%	21.3%
1	15.5%	14.2%	13.2%	12.2%	11.2%	10.2%	9.2%	8.4%	8.4%	8.4%
2	12.3%	11.6%	10.6%	9.6%	8.6%	7.6%	6.6%	5.8%	5.8%	5.8%
3	10.3%	9.8%	9.3%	8.8%	8.3%	7.6%	6.6%	5.6%	5.6%	5.6%
4	9.7%	9.2%	8.7%	8.4%	7.6%	7.0%	6.4%	5.4%	5.4%	5.4%
5	6.1%	6.1%	6.1%	6.1%	6.1%	6.1%	6.1%	5.3%	5.3%	5.3%
6	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.1%	5.1%	5.1%
7	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
8	4.2%	4.2%	4.2%	4.2%	4.1%	4.1%	4.1%	4.1%	4.1%	4.1%
9	4.2%	4.2%	4.2%	4.1%	4.1%	4.1%	4.0%	4.0%	4.0%	4.0%
10 or more	1.9%	1.9%	1.7%	1.5%	2.5%	2.5%	1.6%	4.0%	4.0%	4.0%



Table A-9 (cont.) Other Terminations of Employment Annual Rates										
SPECIAL RISK ADMINISTRATIVE – Male										
Combined	Attained Age									
Years of Service	20	25	30	35	40	45	50	55	60	65
0	14.6%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%	13.9%
1	11.3%	10.8%	10.3%	9.9%	9.7%	9.5%	9.4%	9.4%	9.4%	9.4%
2	10.4%	9.7%	9.3%	8.9%	8.7%	8.5%	8.4%	8.4%	8.4%	8.4%
3	9.7%	9.1%	8.7%	8.3%	7.9%	7.8%	7.7%	7.6%	7.6%	7.6%
4	8.8%	8.3%	8.0%	7.8%	7.6%	7.4%	7.4%	7.4%	7.4%	7.4%
5	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%	4.5%
6	4.4%	4.4%	4.4%	4.2%	3.9%	3.9%	3.9%	3.9%	3.9%	3.9%
7	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%	3.8%
8	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%	3.4%
9	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
10 or more	3.9%	3.9%	3.6%	3.4%	3.2%	3.3%	3.6%	7.5%	7.5%	7.5%
SPECIAL RISK ADMINISTRATIVE – Female										
Combined Attained Age										
Years of Service	20	25	30	35	40	45	50	55	60	65
0	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%
1	19.4%	18.0%	17.1%	16.5%	16.1%	15.9%	15.7%	15.7%	15.7%	15.7%
2	17.5%	16.9%	16.5%	16.2%	15.9%	15.8%	15.7%	15.7%	15.7%	15.7%
3	20.3%	19.8%	19.3%	19.0%	18.7%	18.6%	18.4%	18.4%	18.4%	18.4%
4	20.8%	20.2%	19.8%	19.4%	19.0%	18.8%	18.7%	18.7%	18.7%	18.7%
5	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%
6	18.7%	18.7%	18.7%	18.7%	18.7%	18.7%	18.7%	18.7%	18.7%	18.7%
7	17.9%	17.9%	17.9%	17.9%	17.9%	17.9%	17.9%	17.9%	17.9%	17.9%
8	17.8%	17.8%	17.7%	17.7%	17.7%	17.6%	17.6%	17.6%	17.6%	17.6%
9	17.8%	17.8%	17.8%	17.8%	17.7%	17.7%	17.6%	17.6%	17.6%	17.6%
10 or more	18.4%	18.4%	18.1%	17.8%	17.6%	17.7%	18.0%	21.0%	21.0%	21.0%



APPENDIX B SUMMARY OF PLAN PROVISIONS



Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

All actuarial calculations are based upon our understanding of Florida Statutes regarding the retirement provisions of the retirement systems. These provisions are briefly summarized below for reference purposes, along with corresponding references to the Statutes. This summary encompasses the major provisions; it does not attempt to cover all of the detailed provisions.

PART I: FLORIDA RETIREMENT SYSTEM (FRS)

The benefit and contribution provisions of the FRS are set forth in Chapter 121 of the Florida Statutes. Provisions relating to other State-administered retirement systems are set forth in other sections of the Florida Statutes, under Chapters 112, 122, and 238.

EFFECTIVE DATE

The effective date of the FRS was December 1, 1970. The FRS was created with closure and consolidation of the Teachers' Retirement System, the State and County Officers and Employees' Retirement System, and the Highway Patrol Pension Fund. In 1972, the Judicial Retirement System was also consolidated with the FRS. The FRS was created to provide a defined benefit retirement, disability, and survivor program for participating public employees. Social Security coverage is also required for all members.

Beginning in 2002, the FRS became one system with two primary programs, the existing Defined Benefit Program and a defined contribution plan alternative to the defined benefit plan known as the Investment Plan (IP). The earliest that any member could participate in the IP was July 1, 2002.

As of July 1, 2007, the Institute for Food and Agricultural Sciences Supplemental Retirement Program was consolidated under the FRS as a closed group.

(Section 121.011(2))

MEMBERSHIP

Membership is a condition of employment for all new state, county, or other participating agency employees filling regularly established positions and employed on or after December 1, 1970, or who elected to transfer from an existing System. Employees may be full-time or part-time and can be elected, appointed, or employed in state government, county government, a state university, or a community college. A city or special district may join the FRS at its option.



Effective July 1, 1978, a member in an existing retirement system who is reemployed after termination of employment may remain in that system, provided his or her member contributions have not been withdrawn.

Members of the FRS Defined Benefit Program when the IP was created were provided an educational period about their plan choice options prior to a 90-day election period to elect between the Defined Benefit Program and the Investment Plan (IP). Members newly hired after the IP became effective are provided five months after their month of hire to file an election between the two primary programs. Members who do not make an election default into the Defined Benefit Program.

After the initial active or default election to participate in the Defined Benefit Program or the IP, the employee has one opportunity, at the employee's discretion before termination or retirement, to choose to move from the Defined Benefit Program to the IP or from the IP to the Defined Benefit Program.

(Sections 121.051, 121.4501)

CLASSIFICATION

There are five separate classes of members: Regular Class, Special Risk Class, Special Risk Administrative Support Class, Elected Officers' Class, and Senior Management Service Class. In addition, the Deferred Retirement Option Program is available to defined benefit program members who meet the requirements for normal retirement under the Defined Benefit Program of the FRS.

Regular Class – members who are not classified as members of the Special Risk Class, Special Risk Administrative Support Class, Elected Officers' Class, or Senior Management Service Class.

Special Risk Class – members employed as law enforcement officers, emergency medical technicians, paramedics, firefighters, firefighter trainers, fire prevention inspectors, correctional officers, correctional probation officers, certain professional health care positions within the Department of Children and Family Services and the Department of Corrections, youth custody officers, or certain forensic positions within a law enforcement agency, or a medical examiner's office who meet the criteria set forth in the Florida Retirement System law and rules.

Special Risk Administrative Support Class – former Special Risk members employed as law enforcement officers, firefighters, correctional officers, or emergency medical technicians who have been moved or been re-assigned



to non-Special Risk administrative support positions within a Florida Retirement System Special Risk employing agency.

Elected Officers' Class – members include the governor, lieutenant governor, cabinet officers, legislators, Supreme Court justices, district court of appeals judges, circuit judges, county court judges, state attorneys, public defenders, and elected county officers. Also included are city and special district officers if the employer chose to place their elected officials in this class. All such elected officers may withdraw from the Florida Retirement System, or elect membership in the Senior Management Service Class or, if state officers, in the Senior Management Service Optional Annuity Program.

Senior Management Service Class - members who hold positions in the Senior Management Service of the State of Florida; community college presidents; appointed school board superintendents; county and city managers; selected managerial staff of the Legislature; the Auditor General and managerial staff; the Executive Director of the Ethics Commission; the State University System Executive Service and university presidents; selected managerial staff of the State Board of Administration; judges of compensation claims; selected managerial staff with the Judicial Branch; Chief Deputy Court Administrator; capital collateral regional counsels and assistant capital collateral regional counsels; assistant state attorneys; assistant public defenders; assistant statewide prosecutors or assistant attorneys general; and nonelective managerial positions designated for SMSC membership by local government agencies. Members in this class have either chosen not to participate or are not eligible to participate in the elective Senior Management Service Optional Annuity Program for state senior managers or to withdraw from the FRS if employed by non-state employers. This class became effective February 1, 1987, and members of an existing retirement system and members of the Special Risk or Special Risk Administrative Support Classes who were employed prior to February 1, 1987 could elect to remain in such system or class.

Deferred Retirement Option Program – allows members of the Defined Benefit Program of the FRS in any of the above five classes to elect to retire and have their FRS benefits accumulate in the FRS Trust Fund, earning interest, while the member continues to work for an FRS employer. DROP membership is for a specific and limited period.

(Sections 121.021(12), 121.0515, 121.052, 121.055, 121.091 (13))



CONTRIBUTIONS

From January 1, 1975, for the state and for school boards, and from October 1, 1975, for other agencies, through June 30, 2011, the total cost of the System was paid by the participating employers.

Beginning July 1, 2011, all Defined Benefit and IP members, except those participating in DROP, are required to pay member contributions equal to 3% of compensation. TRS members already require employee contributions. Member contributions do not accrue interest except for TRS members.

(Section 121.071 (2))

The employer contribution rates enacted for the July 1, 2013 – June 30, 2014 plan year are as follows:

	FRS	FRS Special Risk			ected Officers Cla	Senior			
	Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	DROP	
Defined Benefit Plan									
- Normal Cost Rate	3.55%	10.75%	3.76%	9.98%	6.42%	8.30%	4.77%	4.63%	
- UAL Rate	<u>2.55</u>	8.08	<u>41.56</u>	18.37	34.70	33.62	16.20	<u>7.01</u>	
- Total DB Rate	6.10	18.83	45.32	28.35	41.12	41.92	20.97	11.64	
Investment Plan									
- Employer Rate	3.55%	12.33%	5.40%	10.96%	6.79%	8.75%	4.93%	n/a	
- UAL Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<u>n/a</u>	
- Total IP Rate	3.55	12.33	5.40	10.96	6.79	8.75	4.93	n/a	
Blended Uniform Contribution Rates									
- Normal Cost Rate	3.53%	11.00%	4.17%	10.05%	6.52%	8.44%	4.81%	4.63%	
- UAL Rate	2.19	6.83	<u>30.56</u>	<u>17.00</u>	24.85	23.36	12.27	<u>7.01</u>	
- Total Rate	5.72	17.83	34.73	27.05	31.37	31.80	17.08	11.64	

The above rates exclude the 0.03% administrative charge for Investment Plan administration and education (except DROP), and the 1.11% for the financing of the health insurance subsidy described later in this part.

(Section 121.71)

COMPENSATION

"Compensation" means the monthly salary paid a member by his or her employer for work performed arising from that employment.

(a) Compensation shall include:

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- 1. Overtime payments paid from a salary fund.
- 2. Accumulated annual leave payments.
- 3. Payments in addition to the employee's base rate of pay if all the following apply:
 - a. The payments are paid according to a formal written policy that applies to all eligible employees equally;
 - b. The policy provides that payments shall commence no later than the 11th year of employment;
 - c. The payments are paid for as long as the employee continues his or her employment; and
 - d. The payments are paid at least annually.
- 4. Amounts withheld for tax sheltered annuities or deferred compensation programs, or any other type of salary reduction plan authorized under the Internal Revenue Code.
- 5. Payments made in lieu of a permanent increase in the base rate of pay, whether made annually or in 12 or 26 equal payments within a 12-month period, when the member's base pay is at the maximum of his or her pay range. When a portion of a member's annual increase raises his or her pay range and the excess is paid as a lump sum payment, such lump sum payment shall be compensation for retirement purposes.
- (b) Compensation for a member participating in the pension plan or the investment plan of the Florida Retirement System may not include:
 - 1. Fees paid professional persons for special or particular services or salary payments made from a faculty practice plan authorized by the Board of Governors of the State University System for eligible clinical faculty at a college in a state university that has a faculty practice plan; or
 - 2. Any bonuses or other payments prohibited from inclusion in the member's average final compensation.
- (c) For all purposes under this chapter, the member's compensation or gross compensation contributed as employee-elective salary reductions or deferrals to any salary reduction, deferred compensation, or tax-sheltered annuity program authorized under the Internal Revenue Code shall be deemed to be the



compensation or gross compensation which the member would receive if he or she were not participating in such program and shall be treated as compensation for retirement purposes under this chapter. Any public funds otherwise paid by an employer into an employee's salary reduction, deferred compensation, or taxsheltered annuity program on or after July 1, 1990 (the date as of which all employers were notified in writing by the division to cease making contributions to the System Trust Fund based on such amounts), shall be considered a fringe benefit and shall not be treated as compensation for retirement purposes under this chapter. However, if an employer was notified in writing by the division to cease making such contributions as of a different date, that employer shall be subject to the requirements of said written notice. (d) For any person who first becomes a member on or after July 1, 1996, compensation for any plan year shall not include any amounts in excess of the s. 401(a)(17), Internal Revenue Code limitation (as amended by the Omnibus Budget Reconciliation Act of 1993), which limitation of \$150,000 effective July 1, 1996, shall be adjusted as required by federal law for qualified government plans and shall be further adjusted for changes in the cost of living in the manner provided by s. 401(a)(17)(B), Internal Revenue Code. For any person who first became a member prior to July 1, 1996, compensation for all plan years beginning on or after July 1, 1990, shall not include any amounts in excess of the compensation limitation (originally \$200,000) established by s. 401(a)(17), Internal Revenue Code prior to the Omnibus Budget Reconciliation Act of 1993, which limitation shall be adjusted for changes in the cost of living since 1989, in the manner provided by s. 401(a)(17) of the Internal Revenue Code of 1991. This limitation, which has been part of the Florida Retirement System since plan years beginning on or after July 1, 1990, shall be adjusted as required by federal law for qualified government plans.

"Annual compensation" means the total compensation paid a member during a year. A "year" is 12 continuous months.

(Section 121.021(22) and (23))



FRS DEFINED BENEFIT PROGRAM

NORMAL RETIREMENT BENEFIT

Eligibility – Members initially enrolled before July 1, 2011 (Tier I)

- Regular Class
 - 1. 30 years of creditable service at any age.
 - 2. Age 62 and 6 or more years of creditable service.

(Section 121.021(29)(a)(1))

- Special Risk Class
 - 1. 25 years of special risk service at any age; or
 - 2. Age 55 and 6 or more years of special risk service; or
 - Age 52 and 25 years of creditable service, including special risk service and up to a maximum of four years of active duty wartime military service credit.
 - 4. 30 years of any creditable service, at any age, or age 62 and 6 or more years of creditable service (same requirement as the Regular Class).

(Section 121.021(29)(b)(1))

 Special Risk Administrative Support Class (with six or more years of Special Risk Class service, the same requirements as apply to the Special Risk Class, otherwise same as apply to the Regular Class)

(Section 121.021(29)(b)(1))

 Elected Officers' Class (same requirements as apply to Regular Class)

(Section 121.021(29)(a)(1))

 Senior Management Service Class (same requirements as apply to Regular Class)

(Section 121.021(29)(a)(1))



Eligibility – Members initially enrolled on and after July 1, 2011 (Tier II)

- Regular Class
 - 1. 33 years of creditable service at any age.
 - 2. Age 65 and 8 or more years of creditable service.

(Section 121.021(29)(a)(2))

- Special Risk Class
 - 1. 30 years of special risk service at any age; or
 - 2. Age 60 and 8 or more years of special risk service; or
 - 3. 33 years of any creditable service, at any age, or age 65 and 8 or more years of creditable service (same requirement as the Regular Class).

(Section 121.021(29)(b)(2))

 Special Risk Administrative Support Class (with eight or more years of Special Risk Class service, the same requirements as apply to the Special Risk Class, otherwise same as apply to the Regular Class)

(Section 121.021(29)(b)(2))

 Elected Officers' Class (same requirements as apply to Regular Class)

(Section 121.021(29)(a)(2))

 Senior Management Service Class (same requirements as apply to Regular Class)

(Section 121.021(29)(a)(2))

Normal Form

Straight life benefit (Option 1), payable on the last state working day of each month, with a guarantee that benefits paid will at least equal member contributions.

(Section 121.091(1))

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Optional Forms

10-year certain and life benefit (Option 2), 100% joint and survivor benefit (Option 3), or 66-2/3% joint and survivor benefit (Option 4). If the joint annuitant is the member's non-disabled child, payment ceases upon attainment of the joint annuitant's 25th birthday under the 100% and 66- 2/3% joint and survivor benefit.

(Section 121.091(6))

Dual Retirement

In the event a member accumulates retirement benefits to commence at different normal retirement ages by virtue of having performed duties for an employer which would entitle him or her to benefits as both a Special Risk Class member and a member of another class, the amount of the benefits payable shall be computed separately with respect to each such age, and the sum of such computed amounts shall be paid. Note that this does not apply to a Special Risk Administrative Support Class member with at least 6 years of Special Risk Class Membership (8 years for members enrolled on or after July 1, 2011) when the Special Risk and Special Risk Administrative Support Classes are the only memberships held because such a member is treated as a Special Risk Class member.

(Section 121.091(2))

Regular Benefit Amount

The monthly FRS allowance is the product of:

- 1. Average monthly compensation
 - a. For members initially enrolled before July 1, 2011, is the average of the highest five plan years of creditable service;
 - b. For members initially enrolled on or after July 1, 2011, is the average of the highest eight plan years of creditable service;
- 2. Creditable service during the applicable period; and
- 3. The appropriate benefit percentage for periods of service.

All benefits are limited to 100% of average monthly compensation.

(Sections 121.021(17), (24) and (25), 121.091(1))



The appropriate benefit percentages are as follows:

 For Members initially enrolled before July 1, 2011, for Creditable Service as a Regular Class member Subsequent to November 30, 1970:

Retirement at:	Percentage
Age 62 with 6 years of creditable service, or 30 years of creditable service	1.60%
Age 63 with 6 years of creditable service, or 31 years of creditable service	1.63
Age 64 with 6 years of creditable service, or 32 years of creditable service	1.65
Age 65 with 6 years of creditable service, or 33 years of creditable service	1.68

 For Members initially enrolled on or after July 1, 2011, for Creditable Service as a Regular Class member Subsequent to November 30, 1970:

Retirement at:	Percentage
Age 65 with 8 years of creditable service, or 33 years of creditable service	1.60%
Age 66 with 8 years of creditable service, or 34 years of creditable service	1.63
Age 67 with 8 years of creditable service, or 35 years of creditable service	1.65
Age 68 with 8 years of creditable service, or 36 years of creditable service	1.68

(Section 121.091(1))



Service as a Special Risk Class member:

Retirement on or After July 1, 2001 with Service Performed During:	Percentage
December 1, 1970 to September 30, 1974	2.00%
October 1, 1974 and thereafter	3.00

(Section 121.091(1))

 For Members initially enrolled before July 1, 2011, for Creditable Service as a Special Risk Administrative Support Class member Subsequent to November 30, 1970:

Retirement at:	Percentage
Age 55 with 6 years of creditable service, or age 52 with 25 years of creditable service, which may include up to four years of active duty wartime military service, or 25 years of creditable service	1.60%
Age 56 with 6 years of creditable service, or age 53 with 26 years of creditable service, which may include up to four years of active duty wartime military service, or 26 years of creditable service	1.63
Age 57 with 6 years of creditable service, or age 54 with 27 years of creditable service, which may include up to four years of active duty wartime military service, or 27 years of creditable service	1.65
Age 58 with 6 years of creditable service, or age 55 with 28 years of creditable service, which may include up to four years of active duty wartime military service, or 28 years of creditable service	1.68



 For Members initially enrolled on or after July 1, 2011, for Creditable Service as a Special Risk Administrative Support Class member Subsequent to November 30, 1970:

Retirement at:	Percentage
Age 60 with 8 years of creditable service, or age 57 with 30 years of creditable service, which may include up to four years of active duty wartime military service, or 30 years of creditable service	1.60%
Age 61 with 8 years of creditable service, or age 58 with 31 years of creditable service, which may include up to four years of active duty wartime military service, or 31 years of creditable service	1.63
Age 62 with 8 years of creditable service, or age 59 with 32 years of creditable service, which may include up to four years of active duty wartime military service, or 32 years of creditable service	1.65
Age 63 with 8 years of creditable service, or age 60 with 33 years of creditable service, which may include up to four years of active duty wartime military service, or 33 years of creditable service	1.68

(Section 121.091(1))

 For Service as an Elected Officers' Class member: 3% for each year of creditable service in such class, except 3-1/3% for service in the judicial class. Military service credit is at the rate for Regular Class members.

(Sections 121.052(5)(a) and (d), 121.091(1))

For Service as a Senior Management Service Class member:
 2% for each year of creditable service in such class, after January 31, 1987.

(Section 121.055(4)(d))



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ADDITIONAL BENEFIT AMOUNT

In addition, members may receive an additional retirement allowance under the pre-1971 existing systems. The benefit is a percentage of average compensation times the creditable service in that system up to November 30, 1970. The system percentages are:

State and County Officers and Employees' Retirement System:

2.00% for creditable service rendered under Division A prior to Social Security coverage; and 1.50% for creditable service rendered under Division B subsequent to Social Security coverage.

Teachers Retirement System:

Plan E: 2.00%

(Sections 121.091(1)(c), 122.28, 238.07(7)(a))

MINIMUM BENEFIT

Eligibility

The month following attainment of age 65 by a pensioner, or, in the case of a beneficiary receiving the survivor's portion of a member's benefit, the 65th anniversary of the deceased member's birth. The member must have earned at least 10 years of creditable service and retired under normal retirement.

Benefit Amount

An eligible benefit recipient will receive a benefit adjustment to bring the benefit to the calculated minimum benefit. Effective July 1, 2013, the minimum monthly benefit is \$27.84 multiplied by years of creditable service prior to application of the reduction factor for electing an optional form of payment. For retirements on or after July 1, 1987, creditable service for the minimum benefit calculation does not include any service earned on or after that date.

(Section 112.362)



HEALTH INSURANCE SUBSIDY

A subsidy of \$5 per month per year of creditable service, with a minimum of \$30, and a maximum of \$150 per month, shall be paid to retirees and surviving beneficiaries to subsidize health insurance premiums. This benefit is not indexed with the cost of living.

Further, the benefit is funded separately, on a pay-as-you-go basis, and is not part of this actuarial valuation.

(Section 112.363)

EARLY RETIREMENT

Eligibility

For members initially enrolled before July 1, 2011, six years of creditable service for all classes of membership.

For members initially enrolled on or after July 1, 2011, eight years of creditable service for all classes of membership.

(Section 121.021(30))

Benefit Amount

The normal retirement benefit accrued to the date of early retirement, reduced by 5/12% for each month that the early retirement date precedes the normal retirement date based upon age. The normal retirement date is as follows:

- 1. Special Risk Class members:
 - a. Initially enrolled before July 1, 2011: Age 55
 - b. Initially enrolled on or after July 1, 2011: Age 60
- 2. Members in all other Classes
 - a. Initially enrolled before July 1, 2011: Age 62
 - b. Initially enrolled on or after July 1, 2011: Age 65

(Sections 121.021(30), 121.091(3))



NON-DUTY DISABILITY RETIREMENT

Eligibility

Members are eligible if totally and permanently disabled:

After completing at least 8 years of creditable service (or after 6 years if disability retirement is ordered for a judge by the Supreme Court).

Benefit Amount

Same as for normal retirement, but based on average monthly compensation and creditable service to the date of disability retirement.

Minimum Benefit Amount

25% of average monthly compensation.

If the Supreme Court orders disability retirement for a judge, the minimum is twothirds of compensation at disability. This benefit for a defined benefit plan member is not paid from the FRS Trust Fund. This benefit for an Investment Plan member is paid from the FRS Trust Fund after the member's IP account balance is transferred to the FRS Trust Fund.

(Section 121.091(4))

LINE-OF-DUTY DISABILITY

Eligibility

Members are eligible if totally and permanently disabled during the actual performance of duty. There is no service credit requirement.

Benefit Amount

Same as for normal retirement, but based on average monthly compensation and creditable service to the date of disability retirement.



Minimum Benefit Amount

42% of average monthly compensation, except for the Special Risk and the Special Risk Administrative Support classes whose members are entitled to 65% of average monthly compensation.

If the Supreme Court orders disability retirement for a judge, the minimum is twothirds of compensation at disability. This benefit for a defined benefit plan member is not paid from the FRS Trust Fund.

(Section 121.091(4))

POST-RETIREMENT DEATH BENEFITS

Based on the optional form elected.

NON-DUTY PRE-RETIREMENT DEATH BENEFITS

Eligibility

Employment is terminated by death after vested for all classes of membership.

Benefit Amount

The normal or early retirement benefit amount for which the member would have been eligible had the member retired on his or her date of death and elected the 100% joint and survivor form of payment in favor of his or her beneficiary who is the surviving spouse or other eligible dependent. The monthly benefit is normally payable to the member's beneficiary for the beneficiary's lifetime. If the beneficiary is the member's non-disabled child, payment ceases upon attainment of the beneficiary's 25th birthday.

If the member is more than 10 years away from normal retirement age, the reduction is 5% for each year the member would be younger than the normal retirement age at retirement. There are exceptions if within 10 years of normal retirement:

1. For members initially enrolled before July 1, 2011 who were within 10 years of normal retirement eligibility, the reduction for early retirement is applied from the earlier of age 62 (age 55 for Special Risk Class and Special Risk Administrative Support Class members) or the date on which the member



would have completed 30 years of creditable service, had he or she continued employment.

2. For members initially enrolled on or after July 1, 2011 who were within 10 years of normal retirement eligibility, the reduction for early retirement is applied from the earlier of age 65 (age 60 for Special Risk Class and Special Risk Administrative Support Class members) or the date on which the member would have completed 33 years of creditable service, had he or she continued employment. The value of this benefit may not be less than the member's accumulated contributions, if any.

(Sections 121.091(3) and (7))

LINE-OF-DUTY PRE-RETIREMENT DEATH BENEFITS

Eligibility

Member died during the actual performance of duty. There is no service credit requirement.

Benefit Amount

The surviving spouse will receive one-half of the member's monthly compensation at death. If the spouse dies, or if there is no surviving spouse, the monthly benefits continue until the youngest child is 18.

A surviving spouse may elect to receive a non-duty death benefit in lieu of the duty death benefit.

(Section 121.091(7))

VESTING

Eligibility

For members initially enrolled before July 1, 2011, six years of creditable service for all classes of membership. For members initially enrolled on or after July 1, 2011, eight years of creditable service for all membership classes.

Benefit Amount

The normal or early retirement benefit amount based on average monthly compensation and creditable service to the date of termination.

(Sections 121.021(45), 121.091(5))



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DROP – DEFERRED RETIREMENT OPTION PROGRAM

Eligibility

Vested FRS members are eligible for DROP participation upon attaining eligibility for normal retirement. Deferral of DROP participation for all but K-12 Instructional Personnel is allowed if the eligible participant is enrolled before July 1, 2011 and has completed 30 years of service (or 25 years for Special Risk Class members) and has not reached age 57 (or age 52 for Special Risk Class members). In this case the participant can defer participation in DROP until he reaches age 57 (or age 52 for Special Risk Class members). Deferral of DROP participation for all but K-12 Instructional Personnel is allowed if the eligible participant enrolled on or after July 1, 2011, has completed 33 years of service (or 30 years for Special Risk Class members) and has not reached age 60 (or age 55 for Special Risk Class members). In this case the participant can defer participation in DROP until he reaches age 60 (or age 55 for Special Risk Class members). Instructional Personnel in grades K-12 may defer DROP participation to any age. Participants who reached normal retirement before July 1, 1998 were eligible to participate in DROP for up to 60 months (36 months for Special Risk Class members) beginning July 1, 1998.

Effective July 1, 1998, eligible members can retire without terminating their employment during DROP participation. Monthly retirement benefits will be invested in the FRS Trust Fund, earning tax-deferred interest while the member continues to work for a maximum of 60 months. The interest credit for those entering the DROP prior to July 1, 2011 is 6.5% annually. For those entering the DROP after that date, it is 1.3% annually. Upon completion of the maximum five-year period, DROP participation ends and participants must terminate employment with all FRS employers. At that time, the participant will receive payment of the accumulated DROP benefits, and begin receiving his FRS monthly retirement benefit (in the same amount as determined at retirement, plus annual cost-of-living increases).

Effective July 1, 2003, participants employed in eligible instructional positions with a district school board, the Florida School for the Deaf and Blind, or a developmental research school can extend their participation beyond their initial 60-month period, for up to an additional 36 months. The employer must approve the request for DROP extension as well as the period of extension granted to an eligible DROP participant, if any, within the 36-month limit.

Disabled While in DROP

Participants that became disabled while participating in DROP will continue to accumulate the same monthly benefit in the FRS Trust Fund until termination.



Since the normal retirement benefit commenced upon DROP participation, a disability benefit will not be issued.

Death While in DROP

The designated beneficiary of a participant who dies while participating in DROP will receive all accumulated DROP benefits, and a continuing monthly benefit, if the participant had elected Option 2, 3, or 4. Survivors of DROP participants are not eligible for FRS line-of-duty death benefits.

(Section 121.091 (13))

RETURN OF EMPLOYEE CONTRIBUTIONS

A member who terminates employment but is not eligible to retire, to receive a vested retirement allowance, or to receive a disability pension, or the beneficiary of a member who passed away before satisfying the requirement for a pre-retirement death benefit, will be entitled to a refund of any employee contributions made by the member. No interest is credited on employee contribution accounts.

A vested terminated participant may elect to receive a return of employee contributions in lieu of a retirement benefit.

(Sections 121.071(2)(b), 121.091(7)(a), Sections 121.091(5)(a) and (c))

COST-OF-LIVING ADJUSTMENT

Senate Bill 2100 (2011) eliminated post-retirement benefit increases on benefits earned on and after July 1, 2011. Benefits earned before July 1, 2011 (except for the health insurance subsidy) will receive post-retirement benefit increases of 3% per year. Tier II members (those initially enrolled on and after July 1, 2011) will receive no post-retirement benefit increases. Tier I members (those initially enrolled before July 1, 2011) will receive post-retirement benefit increases equal to 3% per year multiplied by a fraction, the numerator of which is service through June 30, 2011 and the denominator of which is total service at retirement. Cost-of-Living Adjustments take effect annually on July 1. A pro-rated rate may apply in the initial year of applicability.

(Section 121.101)



INVESTMENT PLAN

The Investment Plan (IP) is a defined contribution plan offered to eligible members as an alternative to the FRS Defined Benefit Program. The plan is authorized under sec. 401(a) of the Internal Revenue Code.

BENEFITS

Under the IP, benefits accrue in individual member accounts funded by employer and, employee contributions made on or after July 1, 2011, and earnings thereon. Benefits are provided through employee-directed investments offered by approved investment providers. Vested benefits are payable upon termination or death as a lump-sum distribution, direct rollover distribution, or periodic distribution. In addition to normal benefits and death benefits, the plan also provides disability coverage as described below.

(Sections 121.4501, 121.591)

CONTRIBUTIONS

The employer contributions deposited in each participant's IP account are based upon allocation rates established by law for each membership class. This statutorily prescribed percentage of the participant's gross compensation for the reporting month is deducted from the total amount paid by the employer on behalf of all members in the same class of membership based on the uniform contribution rate established by law. Current IP allocation rates are set forth in the following charts. The allocation rates shown in the first chart below do not include the 0.03% charge for IP administration and education, the separate employer contribution assessed to fund the IP disability program, or the contribution of 1.11% for the financing of the health insurance subsidy described later in this part.

(Sections 121.71, 121.72)



Effective July 1, 2012, the employer allocations to the IP accounts are based on contribution rates as follows:

Classification	2013-2014 Plan Year Rates
Regular	3.30%
Special Risk	11.00
Special Risk Administrative Support	4.95
Elected Officers - Judicial - State - County	10.23 6.38 8.34
Senior Management Service	4.67

The employer contribution rates to fund the disability benefit under the IP are as follows:

Classification	2013-2014 Plan Year Rates
Regular	0.25%
Special Risk	1.33
Special Risk Administrative Support	0.45
Elected Officers - Judicial - State - County	0.73 0.41 0.41
Senior Management Service	0.26

(Section 121.73)

HEALTH INSURANCE SUBSIDY

In addition to retirement or death benefits, eligible IP retirees or surviving spouses may receive a subsidy of \$5 per month per year of creditable service, with a minimum of \$30, and a maximum of \$150 per month, to subsidize the cost of health insurance premiums. This benefit is established by law and is not indexed (adjusted



for changes in the cost of living). To qualify for this benefit, IP members must terminate employment, retire (take a distribution as a direct payment or rollover) and meet the normal retirement requirements applicable to Defined Benefit Program members as defined under s. 121.021(29).

This benefit is separately funded, on a pay-as-you-go basis, and is not part of this actuarial valuation.

(Section 112.363)

NON-DUTY DISABILITY RETIREMENT

Eligibility

Investment Plan participants who have completed at least eight years of creditable service (or six years of creditable service if disability retirement is ordered for a judge by the Supreme Court) are eligible for regular disability benefits if they become totally and permanently disabled due to injury or illness suffered while actively employed in an FRS-covered position. Upon approval for disability retirement, the IP participant may choose either to retain his/her IP account balance or to surrender his/her account balance to the Defined Benefit Program and receive guaranteed lifetime monthly disability benefits, assuming the member remains disabled.

Benefit Amount

If the disabled IP participant chooses to retain his/her account balance, he/she may elect to receive the normal benefit payable under the IP. If he/she elects to surrender the account balance and receive lifetime monthly disability benefits, the amount of each monthly payment is calculated in the same manner as provided for regular disability retirement under the Defined Benefit Program and is subject to the same threshold benefit amounts.

(Sections 121.091(4), 121.591(1) and (2))

LINE-OF-DUTY-DISABILITY

Eligibility

IP participants are eligible for in-line-of-duty disability benefits if they become totally and permanently disabled due to injury or illness suffered during the actual performance of duty while actively employed in an FRS-covered position. There



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is no service credit requirement for in-line-of-duty disability benefits. Upon approval for disability retirement, the IP member may choose either to retain his/her IP account balance or to surrender his/her account balance to the Defined Benefit Program and receive guaranteed lifetime monthly disability benefits, assuming the member remains disabled.

Benefit Amount

If the disabled IP participant elects to retain his/her account balance, he/she may elect to receive the normal benefit payable under the IP. If he/she elects to surrender the account balance and receive lifetime monthly disability benefits, the amount of each monthly payment is calculated in the same manner as provided for line-of-duty disability retirement under the Defined Benefit Program, and is subject to the same threshold benefit amounts.

(Sections 121.091(4), 121.591(1) and (2))



PART II: TEACHERS' RETIREMENT SYSTEM (TRS)

The benefit and contribution provisions of the Statutes for this closed system are set forth in Chapter 238 of the Florida Statutes. Certain provisions are from other sections of the Florida Statutes.

EFFECTIVE DATE

The effective date of the Retirement System was July 1, 1939.

(Section 238.02)

MEMBERSHIP

All employees who were teachers in public schools, employees of professional non-profit teachers associations, county superintendents, Department of Education employees and the staff of the Teachers' Retirement System, and who were employed prior to December 1, 1970, are members of the Teachers' Retirement System.

Any member who was hired prior to July 1, 1955, and who did not later elect to join Plan E, retains membership in one of Plans A through D.

Any member who was hired on or after July 1, 1955 and prior to December 1, 1970, or who was hired prior to July 1, 1955 and so elected, is a member of Plan E.

(Sections 238.01(4), 238.05, 238.07(3))

MEMBER CONTRIBUTIONS

All members of Plan E make contributions of 6% of earnable compensation. All members of Plans A through D will make contributions, to be determined by the actuary, to provide the annuities called for by the Statutes. All members contribute 0.25% of earnable compensation for survivor benefits.

(Section 238.09)



EMPLOYER CONTRIBUTIONS

The employer will contribute the amount that, when combined with member contributions, will pay the total cost of the benefits payable. This amount, for Plan E, 11.35%; an additional 1.11% is contributed for the financing of the health insurance subsidy described later in this part.

(Section 238.09)

NORMAL RETIREMENT BENEFIT

Eligibility

Plan A: Age 60 and 10 years of creditable service, or 30 years of creditable service at any age.

Plan B: Age 55 and 10 years of creditable service, or 30 years of creditable service at any age.

Plan C: Age 55 and 10 years of creditable service, or 30 years of creditable service at any age.

Plan D: Age 50 and 25 years of creditable service, or 30 years of creditable service at any age.

Plan E:

Members prior to July 1, 1963: Age 60 and 10 years of creditable service, or 30 years of creditable service at any age.

Members on or after July 1, 1963: Age 62 and 10 years of creditable service, or 30 years of creditable service at any age.

(Sections 238.07(2) and (9))

Normal Form

Straight life benefit (Option 1), which will be the total of the pension paid by employer contributions plus an annuity based on the member's accumulated contributions.

(Sections 238.07(4), (5), (6) and (7))



Optional Forms

Modified cash refund annuity (Option 2). 100% joint & survivor (Option 3). 50% joint and survivor (Option 4).

(Section 238.08)

Regular Benefit Amount

The monthly allowance is:

Plans A & B:

The product of 1/140 of the member's average final compensation and years of membership service; plus

1/70 of average final compensation multiplied by the years of certified prior service; plus

an annuity based on the actuarial equivalent of the member's accumulated contributions.

(Section 238.07(4))

Plan C:

The product of 1/120 of the member's average final compensation and years of membership service; plus

1/60 of average final compensation multiplied by the years of certified prior service; plus

an annuity based on the actuarial equivalent of the member's accumulated contributions.

(Section 238.07(5))



Plan D:

The product of 1/100 of the member's average final compensation and years of membership service; plus

1/50 of average final compensation multiplied by the years of certified prior service; plus

an annuity based on the actuarial equivalent of the member's accumulated contributions.

(Section 238.07(6))

Plan E:

2% of the member's average final compensation multiplied by years of creditable service.

(Section 238.07(7)(a))

Average Final Compensation

The larger of the highest ten-year average compensation in the 15 years preceding retirement, or the career average salary.

(Section 238.01(14))

MINIMUM BENEFIT

If a member retires after 30 years of creditable service, he or she shall receive at least \$100 per month. If a member retires under Plans A, B, or C with 10 or more years of service, but less than 30, he or she shall receive an annual retirement allowance equal to 1/60 of \$2,400 multiplied by years of creditable service (but not more than \$100 per month).

(Section 238.07(8))

ADDITIONAL MINIMUM BENEFIT

Eligibility

Attainment of age 65 by a pensioner, or, in the case of a beneficiary receiving the pension, the 65th anniversary of the deceased member's birth. The member must have earned at least 10 years of creditable service.



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Benefit Amount

Effective July 1, 2013, the minimum monthly benefit is \$27.84 times years of creditable service prior to application of the reduction factor for electing an optional form of payment. For retirements on or after July 1, 1987, creditable service for the minimum benefit calculation does not include any service earned on or after that date.

(Section 112.362)

EARLY RETIREMENT BENEFIT

Eligibility

Only members of Plan E are eligible for early retirement. The requirement is age 55 and 10 years of creditable service.

(Section 238.07(2)(e)2)

Benefit Amount

The actuarial equivalent of the retirement benefit accrued at the early retirement date.

(Section 238.07(7)(b))

DISABILITY RETIREMENT

If a member has 10 or more years of creditable service and is certified mentally or physically incapacitated for the performance of duty, and that the disability is permanent, he or she may retire on a disability retirement.

The member shall receive an allowance, as follows:

Plans A, B, C and D: A total retirement allowance equal to the larger of:

- 1. A factor times average final compensation times years of creditable service;
- 2. 25% times average final compensation;
- \$75 per month; and
- 4. \$40 per year times years of creditable service.



However, the disability benefit shall not exceed a factor times average compensation times the possible years of creditable service to the normal retirement date.

The factor is 1/70 for Plans A and B, 1/60 for Plan C, and 1/50 for Plan D.

(Section 238.07(11))

Plan E: The larger of:

- 1. The accrued benefit based on average final compensation and creditable service at disability; and
- 25% times average final compensation.

The disability benefit shall not exceed the retirement allowance payable if service had continued to the first date the member would have been eligible for service retirement at the same rate of compensation.

(Section 238.07(11))

HEALTH INSURANCE SUBSIDY

A monthly subsidy of \$5 per month per year of creditable service, with a minimum of \$30, and a maximum of \$150 per month, shall be paid to retirees and surviving beneficiaries to subsidize health insurance premiums. This benefit is not indexed with the cost of living.

Further, this benefit is funded separately, on a pay-as-you-go basis, and is not part of this actuarial valuation.

(Section 112.363)

POST-RETIREMENT DEATH BENEFITS

Based on the optional form elected, plus a \$500 lump sum.

(Sections 238.07(16)(b)(7), 238.08(8))



PRE-RETIREMENT DEATH BENEFITS

Payable to Beneficiaries

Minimum Period of Paid Service of Member in Florida as Regular Full-Time Teacher	Beneficiaries of Deceased Member	Benefits
1. One calendar day	Widow or widower who has care of dependent child or children of the deceased member.	\$190 per month for one child; \$250 per month if more than one child; maximum benefit \$250 per month.
2. One calendar day	One or more dependent children if there is no surviving widow or widower.	\$190 per month per child; maximum benefit \$250 per month if more than one child.
3. One calendar day	Dependent parents 65 years of age or older.	For each parent, \$100 per month for life.
4. One calendar day	Designated beneficiary and, if no designated beneficiary, then the executor or administrator of deceased member.	\$500 lump-sum death benefit payable only once.
5. One calendar day	Dependent widow or widower 50 years of age and less than 65 years of age.	\$150 per month for life.
6. Ten Years	Widow or widower 65 years of age or older.	\$175 per month for life.

If the member dies before completing three years of service, the above benefits are reduced for any Social Security benefits payable



The benefits above are payable only if death occurs while in service, or during the following periods after service is terminated:

Years of Service	Period After Florida Service in Which Death Occurs
3 – 5	2 years
6 – 9	5 years
10 or more	10 years

The above restrictions do not apply if the member is receiving disability payments at time of death.

(Section 238.07(16))

Payable to the Surviving Spouse

Before 10 years of service: Return of member contributions with interest.

After 10 years of service: Instead of the death benefit described above, the surviving spouse may elect to receive the return of member contributions with interest or a 100% joint & survivor annuity, calculated assuming the member retired on the date of death.

(Section 238.08(5)(a))

VESTING

Eligibility

After 10 years of creditable service if the member leaves employee contributions in the System.

Benefit Amount

The normal retirement benefit based on average final compensation and creditable service to the retirement date.

(Sections 238.07(9), 238.07(14))



DROP - DEFERRED RETIREMENT OPTION PROGRAM

Eligibility

Vested TRS members are eligible for DROP participation upon attaining eligibility for normal retirement. Deferral of DROP participation for all but K-12 Instructional Personnel is allowed if the eligible participant has completed 30 years of service and has not reached age 57. In this case the participant can defer participation in DROP until he reaches age 57. Instructional Personnel in grades K-12 may defer DROP participation to any age. Participants who reached normal retirement before July 1, 1998, were eligible to participate in DROP for up to 60 months beginning July 1, 1998.

Effective July 1, 1998, eligible members can retire without terminating their employment during DROP participation. Monthly retirement benefits will be invested in the FRS Trust Fund, earning tax-deferred interest while the member continues to work for a maximum of 60 months. Upon completion of the maximum five-year period, DROP participation ends and participants must terminate employment with all FRS employers. At that time, the participant will receive payment of the accumulated DROP benefits, and begin receiving his TRS monthly retirement benefit (in the same amount as determined at retirement, plus annual cost-of-living increases).

Effective July 1, 2003, participants employed in eligible instructional positions with a district school board, the Florida School for the Deaf and Blind, or a developmental research school can extend their participation beyond their initial 60-month period, for up to an additional 36 months. The employer must approve the request for DROP extension as well as the period of extension granted to an eligible DROP participant, if any, within the 36-month limit.

Disabled While in DROP

Participants that became disabled while participating in DROP will continue to accumulate the same monthly benefit in the FRS Trust Fund until termination. Since the normal retirement benefit commenced upon DROP participation, a disability benefit will not be issued.



Death While in DROP

The designated beneficiary of a participant who dies while participating in DROP will receive all accumulated DROP benefits, and a continuing monthly benefit, if the participant had elected Option 2, 3, or 4. Survivors of DROP participants are not eligible for TRS line-of-duty death benefits.

(Section 121.091 (13))

RETURN OF EMPLOYEE CONTRIBUTIONS

A member who terminates employment but is not eligible to retire will be entitled to a refund of any employee contributions made, with interest.

(Sections 238.07(13), 238.10)

COST-OF-LIVING ADJUSTMENTS

Retirees and beneficiaries of deceased retirees are eligible to receive cost-of-living adjustments identical to those for FRS members.

(Section 121.101)



PART III: STATE AND COUNTY OFFICERS AND EMPLOYEES' RETIREMENT SYSTEM (SCOERS)

The benefit and contribution provisions of the Statutes are set forth in Chapter 122 of the Florida Statutes. Certain provisions are drawn from other sections of the Florida Statutes. This is a closed system that no longer includes any members in the high hazard or legislative categories. Effective with the July 1, 2013 valuation, there are no longer any actively employed members of this system. SCOERS retirees are included with the Regular Class in the valuation.

EFFECTIVE DATE

The effective date of the Retirement System was July 1, 1955. (Section 122.01(2))

MEMBERSHIP

All full-time employees of the state and its counties not covered by another system who were employed prior to December 1, 1970.

Those members who were hired prior to January 1, 1958 and did not elect to join Division B are in Division A. These members do not contribute to the Social Security system.

Those members who elected to join Division B and those members hired after December 31, 1957 and prior to December 1, 1970 are in Division B. These members contribute to the Social Security system.

(Sections 122.01, 122.24)

MEMBER CONTRIBUTIONS

All members of Division A contribute 6% of salary. All members of Division B contribute 4% of salary.

(Sections 122.03, 122.27)

EMPLOYER CONTRIBUTIONS

professional when reviewing the Milliman work product.

Employer contributions are:

Division A 11.10% Division B 9.10



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SUMMARY OF PLAN PROVISIONS

To these rates 1.11% is added for the financing of the health insurance subsidy described later in this part.

(Section 122.35)

NORMAL RETIREMENT BENEFIT

Eligibility

Members prior to July 1, 1963: Age 60 and 10 years of service, or

30 years of creditable service.

Members after July 1, 1963: Age 62 and 10 years of service, or

30 years of creditable service.

Members under former

Chapters 121 and 134: 30 years of service.

(Sections 122.08(1), 122.08(8), 122.28)

Normal Form

Straight life benefit (Option 1).

(Section 122.08)

Optional Forms

Modified cash refund annuity (Option 2). 50% joint & survivor (Option 3). 100% joint & survivor (Option 4).

(Section 122.08)

Regular Benefit Amount

Division A: The monthly allowance is 2% of average final compensation for

each year of service rendered.



SUMMARY OF PLAN PROVISIONS

Division B: 2% of average final compensation for each year of service

rendered prior to the effective date of Social Security coverage, plus 1.5% of average final compensation for each year of service rendered after the effective date of Social Security

coverage.

(Sections 122.08(1), 122.28(1))

Average Final Compensation

The larger of the highest ten-year average compensation in the fifteen years preceding retirement, or the career average salary.

(Section 122.02(2))

MAXIMUM BENEFIT

Division A: No maximum.

Division B: For those who became members after June 30, 1963, monthly

allowance plus Social Security primary insurance amount cannot be greater than 80% of average final compensation. For those who

became members before July 1, 1963, there is no maximum.

(Sections 122.28(3), 122.08)

MINIMUM BENEFIT

Eligibility

Attainment of age 65 by a pensioner, or, in the case of a beneficiary receiving the pension, the 65th anniversary of the deceased member's birth. The member must have earned at least ten years of creditable service and retired under normal retirement.

Benefit Amount

Effective July 1, 2013, the minimum monthly benefit is \$27.84 times years of creditable service prior to application of the reduction factor for electing an optional form of payment. For retirements on or after July 1, 1987, creditable service for the minimum benefit calculation does not include any service earned on or after that date.

(Section 112.362)



EARLY RETIREMENT BENEFIT

Eligibility

Age 55 and 10 years of service.

(Section 122.08(2)(a))

Benefit Amount

The actuarial equivalent of the retirement benefit accrued at the early retirement date.

(Section 122.08(2)(a))

DISABILITY RETIREMENT

Eligibility

A member who has 10 or more years of service and becomes permanently and totally disabled may retire with a disability pension.

Benefit Amount

The benefit will be the same as the regular benefit amount, except that the benefit will not be less than the lesser of 50% of average final compensation or \$75. This minimum benefit does not apply to an officer or employee who has attained age 60 or is receiving Social Security disability.

(Section 122.09)

Minimum Benefit

A member of Division B shall receive his or her regular benefit amount, but no less than 20% of his or her average final compensation.

(Section 122.28(2))

Form of Benefit

Straight life annuity. No optional form may be elected.

(Section 122.08(6))



HEALTH INSURANCE SUBSIDY

A monthly subsidy of \$5 per month per year of creditable service, with a minimum of \$30, and a maximum of \$150 per month, shall be paid to retirees and surviving beneficiaries to subsidize health insurance premiums. This benefit is not indexed with the cost of living.

Further, the benefit is funded separately, on a pay-as-you-go basis, and is not part of this actuarial valuation.

(Section 112.363)

POST-RETIREMENT DEATH BENEFITS

Based on the optional form elected.

(Section 122.08(3))

PRE-RETIREMENT DEATH BENEFITS

Eligibility

When employment is terminated by death after 10 years of service if member was eligible for normal or early retirement.

Benefit Amount

- 1. If surviving spouse has received a refund of the member's contributions, no benefit is payable.
- 2. If surviving spouse has not received a refund of the member's contributions, or has repaid the member's contributions, with interest, the spouse is entitled to receive a benefit, calculated assuming the member had retired on his or her date of death and had chosen a 100% joint & survivor option.

(Section 122.08(9))



VESTING

Eligibility

After 10 years of service if member leaves employee contributions in the System.

Benefit Amount

The normal or early retirement benefit based on average final compensation and years of service to the date of retirement.

(Section 122.10(1))

DROP – DEFERRED RETIREMENT OPTION PROGRAM

Eligibility

Vested SCOERS members are eligible for DROP participation upon attaining eligibility for normal retirement. Deferral of DROP participation for all but K-12 Instructional Personnel is allowed if the eligible participant has completed 30 years of service, and has not reached age 57. In this case the participant can defer participation in DROP until he reaches age 57. Instructional Personnel in grades K-12 may defer DROP participation to any age. Members who reached normal retirement before July 1, 1998 were eligible to participate in DROP for up to 60 months beginning July 1, 1998.

Effective July 1, 1998, eligible members can retire without terminating their employment during DROP participation. Monthly retirement benefits will be invested in the FRS Trust Fund, earning tax-deferred interest while the member continues to work for a maximum of 60 months. Upon completion of the maximum five-year period, DROP participation ends and participants must terminate employment with all FRS employers. At that time, the participant will receive payment of the accumulated DROP benefits, and begin receiving his SCOERS monthly retirement benefit (in the same amount as determined at retirement, plus annual cost-of-living increases).

Effective either July 1, 2003 or July 1, 2004, participants employed in eligible instructional positions with a district school board (2003), the Florida School for the Deaf and Blind (2004), or a developmental research school (2004) can extend their participation beyond their initial 60-month period, for up to an additional 36 months. The employer must approve the request for DROP extension as well as the period of extension granted to an eligible DROP participant, if any, within the 36-month limit.



Disabled While in DROP

Participants that became disabled while participating in DROP will continue to accumulate the same monthly benefit in the FRS Trust Fund until termination. Since the normal retirement benefit commenced upon DROP participation, a disability benefit will not be issued.

Death While in DROP

The designated beneficiary of a participant who dies while participating in DROP will receive all accumulated DROP benefits, and a continuing monthly benefit, if the participant had elected Option 2, 3, or 4. Survivors of DROP participants are not eligible for SCOERS line-of-duty death benefits.

(Section 121.091 (13))

RETURN OF EMPLOYEE CONTRIBUTIONS

A member who terminates employment but is not eligible to retire, to receive a vested retirement allowance, or to receive a disability pension, or the beneficiary of a member who passed away before satisfying the requirements for a pre-retirement death benefit, will be entitled to a refund of any employee contributions made.

No interest is credited on employee contribution accounts.

(Section 122.10(1))

COST-OF-LIVING BENEFITS

Retirees and beneficiaries of deceased retirees are eligible each July 1 to receive cost-of-living adjustments to their benefits. The adjustments are identical to those for FRS members.

(Section 121.101)



PART IV: INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES SUPPLEMENTAL RETIREMENT PROGRAM (IFAS)

The benefit and contribution provisions of the Statutes are set forth in Chapter 121 of the Florida Statutes. Certain provisions are drawn from other sections of the Florida Statutes. This is a closed system.

EFFECTIVE DATE

The effective date of the Supplemental Retirement Program was July 1, 1985. (Section 121.40)

MEMBERSHIP

Employees hired on or before July 1, 1983 who:

- a. hold both state and federal appointments while employed at the Institute,
- b. are not entitled to any benefit from a state-supported retirement system or Social Security based on service as an employee of the Institute, and
- c. are participants in the Federal Civil Service Retirement System.

(Section 121.40)

MEMBER CONTRIBUTIONS

The total cost of the Program is paid by the participating employers.

EMPLOYER CONTRIBUTIONS

Effective July 1, 2008, employer contributions are fixed at 18.75%.

(Section 121.40)



NORMAL RETIREMENT BENEFIT

Eligibility

Age 62 and 10 or more years of creditable service, plus immediate eligibility for retirement benefits under the Federal Civil Service Retirement System (i.e., attainment of age 55 and completion of at least 30 years of service or attainment of age 60 and completion of at least 20 years of service or attainment of age 62 and completion of at least 5 years of service).

(Section 121.40)

Normal Form

Straight life benefit (Option 1).

(Section 121.40)

Optional Forms

Modified cash refund annuity (Option 2). 50% joint & survivor (Option 3). 100% joint & survivor (Option 4).

(Section 121.40)

Regular Benefit Amount

The sum of (a) and (b) less (c) where:

a. The amount of a monthly retirement benefit that a participant would be entitled to receive under the FRS calculated as follows:

The appropriate benefit percentage multiplied by average monthly compensation in the highest five years of credited service, the product then multiplied by the credited years of service, where the appropriate benefit percentage is as follows;



Retirement at:	<u>Percentage</u>
Age 62 with 10 years creditable service, or 30 years creditable service	1.60%
Age 63 with 10 years creditable service, or 31 years creditable service	1.63
Age 64 with 10 years creditable service, or 32 years creditable service	1.65
Age 65 with 10 years creditable service, or 33 years creditable service	1.68

- b. An amount equal to the monthly primary insurance amount that a participant would be entitled to receive under Social Security had he been covered for Social Security based only on service after December 1, 1970.
- c. The amount of a monthly retirement benefit that a participant would be entitled to receive under the Federal Civil Service Retirement System calculated as follows:

The sum of (i) and (ii) and (iii) below multiplied by average monthly compensation in the highest three years of credited service:

- i.) 1.50% multiplied by the credited years of service, up to 5, earned after December 1, 1970.
- ii.) 1.75% multiplied by the credited years of service earned after December 1, 1970 in excess of 5 years but not more than 5.
- iii.) 2.00% multiplied by the credited years of service earned after December 1, 1970 in excess of 10 years.

Credited Service

Credited service is earned only for employment subsequent to December 1, 1970. It is awarded as follows:

a. For service from December 1, 1970 through June 30, 1974 one month of credited service will be earned for each calendar month during which the employee is paid a salary payment.



- b. For service from July 1, 1974 through June 30, 1979 one month of credited service will be earned for each calendar month during which the employee is paid at least \$100 in salary payments. In any month that the employee is paid less than \$100 in salary payments, credited service shall be determined by dividing the actual salary payment by \$100.
- a. For service from July 1, 1979 through June 30, 1985 one month of credited service will be earned for each calendar month during which the employee is paid at least \$250 in salary payments. In any month that the employee is paid less than \$250 in salary payments, credited service shall be determined by dividing the actual salary payment by \$250.
- b. For service on or after July 1, 1985 one month of credited service will be earned for each calendar month during which the employee is paid a salary payment.

(Section 121.40))

MAXIMUM BENEFIT

No maximum.

MINIMUM BENEFIT

No minimum.

EARLY RETIREMENT BENEFIT

None.

DISABILITY RETIREMENT

None.

HEALTH INSURANCE SUBSIDY

IFAS members are not eligible for the Health Insurance Subsidy.



POST-RETIREMENT DEATH BENEFITS

Based on the optional form elected.

(Section 122.40)

PRE-RETIREMENT DEATH BENEFITS

Eligibility

When employment is terminated by death after 10 years of creditable service, or death occurs after termination of employment but while eligible for a terminated vested benefit.

Benefit Amount

The regular benefit amount for which the member would have been eligible had the member retired on his or her date of death and elected the 100% joint and survivor form of payment in favor of his or her surviving spouse or other dependent. The monthly benefit commences upon the beneficiary attaining age 62 and is payable to the member's beneficiary for the beneficiary's lifetime.

(Section 121.40)

VESTING

Eligibility

Attainment of age 60 and 20 or more years of service or attainment of age 55 and 30 or more years of service.

Benefit Amount

The normal retirement benefit accrued to the date of termination. Benefits may not commence prior to age 62.

(Section 121.40)



DROP - DEFERRED RETIREMENT OPTION PROGRAM

Eligibility

IFAS members are not eligible for DROP.

COST-OF-LIVING BENEFITS

Retirees and beneficiaries of deceased retirees are eligible each July 1 to receive cost-of-living adjustments to their benefits. The adjustments are identical to those for FRS members.

(Section 121.40)



APPENDIX C MEMBERSHIP DATA



Actuarial Valuation as of July 1, 2013

This work product was prepared solely for the Department of Management Services for the purposes described herein and may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. Milliman recommends that third parties be aided by their own actuary or other qualified professional when reviewing the Milliman work product.

This valuation is based upon the membership of the System as of July 1, 2013.

The membership of the System includes employees of the State of Florida and participating political subdivisions. The membership is divided into several categories by System.

Tables C-1 through C-5 present distributions of annuitants (including beneficiaries of deceased members), and potential annuitants (terminated vested members). Shown in the tables are the numbers of persons receiving benefits and the total annual benefits received.

Table C-6 summarizes the DROP membership and provides total annual benefits received.

Tables C-7 through C-25 contain summaries of the active members in each category of membership. Values shown in the tables are the numbers of members and their total annual salaries. Table C-25 is the grand total of Tables C-7 through C-24.

Table C-26 presents a summary by System of active membership, payroll, and accumulated employee contributions.



Table C-1 Florida Retirement System Annuitants at July 1, 2013 Regular and Early Retirement by Age

Age	Men	Women	Total
		Number of Persons	
Under 50	1,623	1,847	3,470
50 to 54	2,666	2,997	5,663
55 to 59	8,285	11,949	20,234
60 to 64	19,754	33,557	53,311
65 to 69	30,842	50,813	81,655
70 to 74	23,864	40,426	64,290
75 to 79	16,166	27,771	43,937
80 & Up	18,927	39,928	58,855
Total	122,127	209,288	331,415
	Annu	al Benefits (in Thousa	ands)
Under 50	\$20,191	\$19,145	\$39,336
50 to 54	73,214	40,524	113,738
55 to 59	233,183	183,247	416,430
60 to 64	522,323	624,829	1,147,152
65 to 69	750,712	914,026	1,664,738
70 to 74	538,485	667,829	1,206,314
75 to 79	354,470	455,045	809,515
80 & Up	415,390	639,182	1,054,572
Total	\$2,907,968	\$3,543,827	\$6,451,795



Table C-2 Florida Retirement System Annuitants at July 1, 2013 Disability Retirement by Age

Age	Men	Women	Total
		Number of Persons	
Under 50	346	483	829
50 to 54	588	915	1,503
55 to 59	945	1,605	2,550
60 to 64	1,098	2,078	3,176
65 to 69	988	1,647	2,635
70 to 74	575	1,063	1,638
75 to 79	279	478	757
80 & Up	222_	464	686
Total	5,041	8,733	13,774

Annual Benefits (in Thousands)

Unde	er	50	\$6,430	\$6,144	\$12,574
50	to	54	10,529	11,744	22,273
55	to	59	15,432	20,627	36,059
60	to	64	17,235	27,376	44,611
65	to	69	15,959	21,081	37,040
70	to	74	8,788	13,601	22,389
75	to	79	3,951	5,599	9,550
80	&	Up	2,885	4,725	7,610
Total			\$81,209	\$110,897	\$192,106



Table C-3 Florida Retirement System Potential Annuitants at July 1, 2013 Vested Terminated Members by Age for the Regular, Senior Management Service, and Elected Officers' Classes

Age	Men	Women	Total
		Number of Persons	
Under 30	157	372	529
30 to 34	790	2,548	3,338
35 to 39	1,862	5,575	7,437
40 to 44	3,407	8,943	12,350
45 to 49	4,623	11,117	15,740
50 to 54	6,237	13,851	20,088
55 to 59	5,733	12,180	17,913
60 & Up	7,467	14,437	21,904
Total	30,276	69,023	99,299
	An	nual Benefits (in Thousa	nds) *
Under 30	\$433	\$905	\$1,338
30 to 34	3,123	10,020	13,143
35 to 39	9,028	25,226	34,254
40 to 44	19,753	45,196	64,949
45 to 49	33,228	62,119	95,347
50 to 54	49,818	82,677	132,495
55 to 59	47,669	74,896	122,565
60 & Up	44,608_	63,574	108,182
Total	\$207,660	\$364,613	\$572,273

Deferred to Age 62



Table C-4 Florida Retirement System Potential Annuitants at July 1, 2013 Vested Terminated Members by Age for the Special Risk Regular & Administrative Support Classes

Age	Men	Women	Total
	1	Number of Persons	
Under 30	40	23	63
30 to 34	245	112	357
35 to 39	537	256	793
40 to 44	1,079	447	1,526
45 to 49	1,018	416	1,434
50 to 54	744	331	1,075
55 to 59	275	113	388
60 & Up	308	103	411
Total	4,246	1,801	6,047

Annual Benefits (in Thousands) *

Under	30	\$299	\$180	\$479
30 to	34	2,278	1,015	3,293
35 to	39	5,523	2,469	7,992
40 to	44	12,762	4,988	17,750
45 to	49	13,561	5,218	18,779
50 to	54	10,473	4,639	15,112
55 to	59	3,576	1,503	5,079
60 &	Up	3,091	1,076	4,167
Total		\$51,563	\$21,088	\$72,651

Deferred to Age 55



Table C-5 Florida Retirement System Annuitants and Potential Annuitants at July 1, 2013 All Types of Retirement by System

		Potential	
System	Annuitants	Annuitants	Total
		Number of Persons	
Regular	309,952	97,831	407,783
Senior Management Service	3,222	1,087	4,309
Special Risk	29,555	6,031	35,586
Special Risk Administrative	168	16	184
EOC - Judges	773	44	817
EOC - Legislative/Attorneys/Cabinet	207	97	304
EOC - County Officials	1,312	240	1,552
Total	345,189	105,346	450,535
	Annu	al Benefits (in Thousa	nds)
Regular	\$5,326,205	\$545,900	\$5,872,105
Senior Management Service	146,666	20,527	167,193
Special Risk	1,057,711	72,537	1,130,248
Special Risk Administrative	5,996	114	6,110
EOC - Judges	62,209	2,004	64,213
EOC - Legislative/Attorneys/Cabinet	6,439	1,178	7,617
EOC - County Officials	38,675	2,664	41,339
Total	\$6,643,901	\$644,924	\$7,288,825



Table C-6 Florida Retirement System Annuitants at July 1, 2013 DROP Members

Age	Men	Women	Total
		Number of Persons	
Under 50 50 to 54 55 to 59 60 to 64 65 to 69 70 to 74 75 to 79	472 1,919 4,033 5,510 3,070 90 13	112 1,685 6,452 11,657 6,896 203 44	584 3,604 10,485 17,167 9,966 293
80 & Up	5	7	12
Total	15,112	27,056	42,168
	Anr	nual Benefits (in Thousar	nds)
Under 50 50 to 54 55 to 59 60 to 64	\$30,410 111,549 164,777 150,048	\$5,970 52,711 203,923 276,646	\$36,380 164,260 368,700 426,694

62,598

\$520,799

1,252

126

39



65 to

70 to

75 to

80 &

Total

69

74

79

Up

189,000

\$1,190,053

4,351

554

114

126,402

\$669,254

3,099

428

75

Table C-7 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Regular: Men

			SER	VICE		
	UNI	DER 5		TO 10	10	TO 15
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	289	2,404,210	1	17,667		
20 to 24	3,606	70,276,981	126	2,816,617		
25 to 29	6,455	185,485,749	2,291	73,694,717	81	3,027,777
30 to 34	4,826	151,270,668	5,568	215,760,190	1,591	64,789,049
35 to 39	3,587	116,868,845	4,264	174,194,993	3,893	180,327,664
40 to 44	3,485	114,801,877	4,034	162,880,214	4,007	186,039,699
45 to 49	3,202	103,428,364	4,073	163,436,939	3,601	164,868,326
50 to 54	3,197	101,052,047	4,407	174,213,731	3,990	181,078,650
55 to 59	2,465	76,292,771	3,871	148,604,125	3,908	173,308,305
60 to 64	1,288	36,715,023	2,877	107,680,851	2,527	112,294,679
65 & UP	833	17,680,383	1,843	55,803,500	1,804	71,345,260
TOTALS	33,233	976,276,918	33,355	1,279,103,544	25,402	1,137,079,409
			SER	VICE		
	15	TO 20	20	TO 25	25	TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29	1	38,572				
30 to 34	46	1,919,414				
35 to 39	1,120	54,653,596	40	2,032,582		
40 to 44	3,680	194,515,369	1,134	61,855,818	82	4,816,284
45 to 49	3,422	176,663,655	3,212	184,396,213	1,534	85,101,610
50 to 54	3,443	175,794,290	3,642	206,660,628	3,903	237,454,770
55 to 59	3,366	167,214,383	3,401	190,403,371	3,580	218,321,026
60 to 64	2,165	105,512,457	1,949	108,445,554	1,777	111,072,040
65 & UP	1,004	44,607,211	599	32,378,526	303	18,719,408
TOTALS	18,247	920,918,947	13,977	786,172,692	11,179	675,485,138
			CEE	VICE		
	20.	TO 25		VICE		TO 45
AGE		TO 35	35	TO 40		TO 45
AGE	30 COUNT	TO 35 SALARY			40 COUNT	TO 45 SALARY
UNDER 20			35	TO 40		
UNDER 20 20 to 24			35	TO 40		
UNDER 20 20 to 24 25 to 29			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT	SALARY 4,111,609	35 COUNT	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	76 899	4,111,609 55,024,396	35 COUNT	TO 40 SALARY 670,930	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	76 899 1,105	4,111,609 55,024,396 72,525,026	35 COUNT 12 130	TO 40 SALARY 670,930 7,548,586	COUNT 5	SALARY 265,907
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	76 899 1,105 467	4,111,609 55,024,396 72,525,026 32,956,148	35 COUNT 12 130 185	TO 40 SALARY 670,930 7,548,586 13,404,813	5 44	265,907 2,800,228
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	76 899 1,105 467 191	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777	35 COUNT 12 130 185 139	TO 40 SALARY 670,930 7,548,586 13,404,813 13,430,870	5 44 104	265,907 2,800,228 10,308,608
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	76 899 1,105 467	4,111,609 55,024,396 72,525,026 32,956,148	35 COUNT 12 130 185	TO 40 SALARY 670,930 7,548,586 13,404,813	5 44	265,907 2,800,228
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	76 899 1,105 467 191	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777	35 COUNT 12 130 185 139 466	TO 40 SALARY 670,930 7,548,586 13,404,813 13,430,870	5 44 104	265,907 2,800,228 10,308,608
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777	35 COUNT 12 130 185 139 466	TO 40 SALARY 670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153	265,907 2,800,228 10,308,608
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153	265,907 2,800,228 10,308,608 13,374,743
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153 ALL	265,907 2,800,228 10,308,608 13,374,743
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153 ALL COUNT 290	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153 ALL COUNT 290 3,732	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	5 44 104 153 ALL COUNT 290 3,732 8,828 12,031	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904 16,422	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680 724,909,261
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904 16,422 19,120	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680 724,909,261 882,006,716
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904 16,422 19,120 23,493	265,907 2,800,228 10,308,608 13,374,743 .YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680 724,909,261 882,006,716 1,131,949,442
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	76 899 1,105 467 191 2,738	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956	35 COUNT 12 130 185 139 466	670,930 7,548,586 13,404,813 13,430,870 35,055,199	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904 16,422 19,120 23,493 21,831	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680 724,909,261 882,006,716 1,131,949,442 1,054,483,500
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	76 899 1,105 467 191 2,738 	4,111,609 55,024,396 72,525,026 32,956,148 16,628,777 181,245,956 TO 50 SALARY	35 COUNT 12 130 185 139 466 SER 50 COUNT	670,930 7,548,586 13,404,813 13,430,870 35,055,199 EVICE	COUNT 5 44 104 153 ALL COUNT 290 3,732 8,828 12,031 12,904 16,422 19,120 23,493 21,831 13,279	265,907 2,800,228 10,308,608 13,374,743 YEARS SALARY 2,421,877 73,093,598 262,246,815 433,739,321 528,077,680 724,909,261 882,006,716 1,131,949,442 1,054,483,500 630,881,793



Table C-8 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Regular: Women

			SEF	RVICE		
	UN	NDER 5	5	TO 10	10	TO 15
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	484	3,672,863				
20 to 24	7,040	148,455,689	164	3,052,025	1	57,211
25 to 29	15,754	480,383,678	5,219	170,989,486	126	4,132,164
30 to 34	9,790	284,803,337	14,951	555,070,799	4,306	167,915,884
35 to 39	7,320	197,422,060	10,825	385,692,579	10,987	462,824,732
40 to 44	7,463	198,538,900	10,358	343,676,655	10,566	420,946,072
45 to 49	6,457	164,040,367	9,745	302,380,828	9,832	359,963,854
50 to 54	5,348	135,645,062	9,113	282,887,474	10,244	357,017,286
55 to 59	3,603	93,484,083	7,204	226,669,359	8,703	307,552,615
60 to 64	1,698	43,349,424	4,430	139,184,073	4,905	176,551,414
65 & UP	826	14,923,604	2,054	50,450,763	2,204	63,838,886
TOTALS	65,783	1,764,719,067	74,063	2,460,054,041	61,874	2,320,800,118
			SEF	RVICE		
		5 TO 20		TO 25		5 TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29						
30 to 34	75	2,874,666				
35 to 39	3,077	135,703,923	54	2,439,022		
40 to 44	9,750	456,871,929	2,948	146,486,608	124	5,874,554
45 to 49	8,686	370,792,172	8,159	425,374,704	3,428	178,897,299
50 to 54	9,285	365,566,165	7,941	381,628,241	8,386	462,736,624
55 to 59	8,596	334,494,317	8,125	377,192,514	7,772	404,770,332
60 to 64	4,613	183,080,201	4,822	223,116,541	4,384	228,604,899
65 & UP	1,355	42,737,334	825	31,210,617	519	22,047,775
TOTALS	45,437	1,892,120,707	32,874	1,587,448,247	24,613	1,302,931,483
			SEF	RVICE		
) TO 35	35	TO 40) TO 45
AGE	30 COUNT	TO 35 SALARY			40 COUNT	TO 45 SALARY
UNDER 20			35	TO 40		
UNDER 20 20 to 24			35	TO 40		
UNDER 20 20 to 24 25 to 29			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 87	SALARY 4,686,159	35 COUNT	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	87 1,640	4,686,159 93,240,611	35 COUNT	5 TO 40 SALARY 642,151	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	87 1,640 2,191	4,686,159 93,240,611 129,192,631	35 COUNT 13 224	642,151 12,683,287	COUNT 3	SALARY 112,938
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	87 1,640 2,191 754	4,686,159 93,240,611 129,192,631 41,765,605	35 COUNT 13 224 239	642,151 12,683,287 13,932,208	COUNT 3 56	112,938 3,161,404
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	87 1,640 2,191 754 223	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143	35 COUNT 13 224 239 134	642,151 12,683,287 13,932,208 6,873,968	3 56 95	112,938 3,161,404 5,807,296
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	87 1,640 2,191 754	4,686,159 93,240,611 129,192,631 41,765,605	35 COUNT 13 224 239	642,151 12,683,287 13,932,208	COUNT 3 56	112,938 3,161,404
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154 ALL	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154 ALL COUNT 484	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154 ALI COUNT 484 7,205	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALI COUNT 484 7,205 21,099	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	3 56 95 154 ALI COUNT 484 7,205 21,099 29,122	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALI COUNT 484 7,205 21,099 29,122 32,263	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALL COUNT 484 7,205 21,099 29,122 32,263 41,209	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 COUNT 484 7,205 21,099 29,122 32,263 41,209 46,394	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALI COUNT 484 7,205 21,099 29,122 32,263 41,209 46,394 51,970	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALI COUNT 484 7,205 21,099 29,122 32,263 41,209 46,394 51,970 46,421	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	87 1,640 2,191 754 223 4,895 	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610 SEF 50 COUNT	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALL COUNT 484 7,205 21,099 29,122 32,263 41,209 46,394 51,970 46,421 25,901	112,938 3,161,404 5,807,296 9,081,638
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	87 1,640 2,191 754 223 4,895	4,686,159 93,240,611 129,192,631 41,765,605 10,103,143 278,988,149	35 COUNT 13 224 239 134 610	642,151 12,683,287 13,932,208 6,873,968 34,131,614 RVICE	COUNT 3 56 95 154 ALI COUNT 484 7,205 21,099 29,122 32,263 41,209 46,394 51,970 46,421	112,938 3,161,404 5,807,296 9,081,638



Table C-9 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Special Risk: Men

			SER	VICE		
	UNI	DER 5	5 7	ΓO 10	10	TO 15
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	12	327,699				
20 to 24	1,923	64,206,084	81	3,095,800		
25 to 29	3,123	118,418,333	2,501	117,013,644	57	2,932,004
30 to 34	1,748	68,487,975	3,706	196,921,127	1,488	85,961,850
35 to 39	920	35,538,483	2,401	128,670,237	2,539	158,369,330
40 to 44	692	27,318,653	1,731	92,889,717	2,297	146,708,920
45 to 49	503	22,883,297	1,079	57,174,408	1,277	78,853,727
50 to 54	361	17,479,034	718	38,856,479	737	43,685,391
55 to 59	175	7,668,521	409	20,448,330	400	23,447,013
60 to 64	54	2,382,572	183	9,711,467	216	11,474,571
65 & UP	11	698,490	49	2,228,519	75	4,600,115
TOTALS	9,522	365,409,141	12,858	667,009,728	9,086	556,032,921
	0,022	000,100,111	.2,000	00.,000,.20	0,000	000,002,021
			SER	VICE		
	15	TO 20		TO 25	25	TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	000111	O/ (L/ (()	000111	O/ (L/ (()	000111	O/ (L/ (I/)
20 to 24						
25 to 29						
30 to 34	19	1,159,980				
35 to 39	993	63,533,524	22	1,611,493		
		176,915,419	1,258		20	2 002 272
40 to 44 45 to 49	2,561 1,567			92,364,011	38	3,092,272 64,036,035
	,	105,657,218	2,237 1,296	169,738,570	789	
50 to 54	784	49,333,825		95,206,148	684	53,998,430
55 to 59	293	16,992,976	297	19,369,517	200	14,350,676
60 to 64	142	7,861,478	147	9,799,032	78	5,528,066
65 & UP	62	3,781,502	27	1,692,795	17	1,270,672
TOTALS	6,421	425,235,922	5,284	389,781,566	1,806	142,276,151
				VICE		
	30	TO 35	SER		40	TO 45
		TO 35	SER 35	TO 40		TO 45 SALARY
AGE	30 COUNT	TO 35 SALARY	SER		40 COUNT	TO 45 SALARY
AGE UNDER 20			SER 35	TO 40		
AGE UNDER 20 20 to 24			SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29			SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34			SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 6	SALARY 437,992	SER 35	TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	6 81	SALARY 437,992 6,548,896	SER 35 COUNT	TO 40 SALARY		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	6 81 61	437,992 6,548,896 4,715,191	SER 35 COUNT	TO 40 SALARY 812,979	COUNT	SALARY
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	6 81 61 27	437,992 6,548,896 4,715,191 1,952,271	9 14	TO 40 SALARY 812,979 988,829	COUNT 1	SALARY 81,256
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	6 81 61 27 12	437,992 6,548,896 4,715,191 1,952,271 1,013,070	9 14 5	TO 40 SALARY 812,979 988,829 397,724	COUNT 1 1 1	SALARY 81,256 61,739
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	6 81 61 27	437,992 6,548,896 4,715,191 1,952,271	9 14	TO 40 SALARY 812,979 988,829	COUNT 1	SALARY 81,256
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	6 81 61 27 12	437,992 6,548,896 4,715,191 1,952,271 1,013,070	SER 35 COUNT 9 14 5 28	TO 40 SALARY 812,979 988,829 397,724 2,199,532	COUNT 1 1 1	SALARY 81,256 61,739
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER	812,979 988,829 397,724 2,199,532	1 1 2	81,256 61,739 142,995
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2	81,256 61,739 142,995 YEARS
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER	812,979 988,829 397,724 2,199,532	COUNT 1 1 2 ALL COUNT	81,256 61,739 142,995 YEARS SALARY
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12	81,256 61,739 142,995 YEARS SALARY 327,699
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458 4,661	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247 305,108,203
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458 4,661 1,844	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247 305,108,203 107,805,203
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458 4,661 1,844 862	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247 305,108,203 107,805,203 49,779,542
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALLL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458 4,661 1,844 862 259	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247 305,108,203 107,805,203 49,779,542 15,744,626
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	6 81 61 27 12 187	437,992 6,548,896 4,715,191 1,952,271 1,013,070 14,667,420	9 14 5 28 SER 50	812,979 988,829 397,724 2,199,532 VICE	COUNT 1 1 2 ALL COUNT 12 2,004 5,681 6,961 6,875 8,577 7,458 4,661 1,844 862	81,256 61,739 142,995 YEARS SALARY 327,699 67,301,884 238,363,981 352,530,932 387,723,067 539,288,992 498,781,247 305,108,203 107,805,203 49,779,542



Table C-10 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Special Risk: Women

			0.50	"0"		
	LINI	DER 5	0=	VICE O 10	10	TO 15
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	1	31,293				
20 to 24	426	13,615,072	7	267,362		
25 to 29	950	34,008,116	574	24,198,606	6	329,959
30 to 34	484	17,860,248	971	44,645,225	379	20,107,200
35 to 39	289	10,700,230	602	27,849,915	782	42,907,213
40 to 44	236	8,969,869	472	22,385,139	597	32,884,832
45 to 49	144	5,360,101	271	12,163,960	379	20,819,906
50 to 54	86	3,540,338	185	8,221,950	235	11,574,549
55 to 59	61	2,544,957	107	4,831,668	100	5,233,888
60 to 64	16	756,500	45	2,077,414	54	2,524,830
65 & UP	3	103,652	10	431,986	10	438,044
TOTALS	2,696	97,490,376	3,244	147,073,225	2,542	136,820,421
			SER	VICE		
	15	TO 20	20	TO 25	25	TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29	_					
30 to 34	5	296,792	•	400.057		
35 to 39	263	14,837,694	2	103,057	7	404.070
40 to 44 45 to 49	699 466	43,209,709 27,480,897	273 559	18,265,467 37,996,627	7	484,372 14,564,319
50 to 54	294	17,471,371	350	22,881,584	206 282	17,929,430
55 to 59	89	4,201,822	88	5,305,111	93	5,493,865
60 to 64	50	2,533,051	36	2,172,011	27	1,548,062
65 & UP	9	458,572	5	282,279	2	136,465
TOTALS	1,875	110,489,908	1,313	87,006,136	617	40,156,513
			0.50	"05		
	30	TO 35		VICE	40	TO 45
AGE	30 COUNT	TO 35 SALARY		TO 40	40°	TO 45 SALARY
AGE UNDER 20			35	TO 40		
			35	TO 40		
UNDER 20			35	TO 40		
UNDER 20 20 to 24			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 5	SALARY 308,236	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	5 15	308,236 981,871	35 COUNT	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	5 15 25	308,236 981,871 1,633,282	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	5 15 25 2	308,236 981,871 1,633,282 148,422	35 COUNT	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	5 15 25 2 1	308,236 981,871 1,633,282 148,422 55,951	35° COUNT	TO 40 SALARY 201,012		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	5 15 25 2	308,236 981,871 1,633,282 148,422	35 COUNT	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 SER'	201,012 201,012 201,012	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 SER'	201,012 201,012 201,012	COUNT	SALARY YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1	SALARY YEARS SALARY 31,293
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433	YEARS SALARY 31,293 13,882,434
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	ALL COUNT 1 433 1,530	YEARS SALARY 31,293 13,882,434 58,536,681
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433 1,530 1,839	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	ALL COUNT 1 433 1,530 1,839 1,938	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433 1,530 1,839 1,938 2,284	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433 1,530 1,839 1,938 2,284 2,030	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388 118,694,046
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433 1,530 1,839 1,938 2,284	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	ALL COUNT 1 433 1,530 1,839 1,938 2,284 2,030 1,447	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388 118,694,046 82,601,093
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	COUNT ALL COUNT 1 433 1,530 1,839 1,938 2,284 2,030 1,447 565	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388 118,694,046 82,601,093 29,445,605
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	5 15 25 2 1 48	308,236 981,871 1,633,282 148,422 55,951 3,127,762	35 COUNT 2 2 2 5ER' 50	201,012 201,012 201,012 VICE	ALL COUNT 1 433 1,530 1,839 1,938 2,284 2,030 1,447 565 230	YEARS SALARY 31,293 13,882,434 58,536,681 82,909,465 96,398,109 126,199,388 118,694,046 82,601,093 29,445,605 11,760,290



Table C-11 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Special Risk Administrative Support: Men

		 DER 5	0=	/ICE O 10		ГО 15
AGE UNDER 20	COUNT	SALARY				SALARY
20 to 24 25 to 29 30 to 34 35 to 39 40 to 44			1	28,741	1 2	34,967 71,494
45 to 49 50 to 54 55 to 59	1	35,988			1 1	36,750 38,667
60 to 64 65 & UP					1	42,808
TOTALS	1		1		6	224,686
	15 T	O 20	20	/ICE TO 25	25 7	TO 30
AGE UNDER 20 20 to 24 25 to 29	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	3 5	195,655 313,282 38,660	2 1 2	109,937 35,386 119,696	1	42,589
55 to 59 60 to 64			2	81,966	1	37,041
65 & UP TOTALS	9	547,597	7	346,985	2	79,630
		O 35	35	/ICE TO 40	40 7	ГО 45
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
	45 T	 O 50		/ICE & UP	ALL`	YEARS
AGE UNDER 20 20 to 24	COUNT	SALARY		SALARY	COUNT	SALARY
25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54					2 5 7 4 4	63,708 267,149 423,219 150,713 197,023
55 to 59						
60 to 64 65 & UP					4	161,815



Table C-12 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Special Risk Administrative Support: Women

		 DER 5	0=	/ICE O 10		ГО 15
AGE UNDER 20 20 to 24	COUNT	SALARY			COUNT	
25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	1	33,888			1 1	35,637 40,330
TOTALS		33,888	050		2	75,967
		O 20		/ICE ГО 25		ГО 30
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	COUNT	SALARY		SALARY	COUNT	SALARY
40 to 44	4	168,946				
45 to 49	2	123,920	2 1	94,340	1 1	46,289
50 to 54 55 to 59	3	123,920	1	36,876	1	35,386
60 to 64						
65 & UP	_					
TOTALS	7	292,866	3	131,216	2	81,675
			SER\	/ICE		
		O 35	35 7	TO 40	40 -	ΓO 45
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS			35 T	TO 40 SALARY	COUNT	
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T	O 35	35 TCOUNT	TO 40 SALARY	COUNT	ΓO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 T	O 35 SALARY	35 T COUNT	TO 40 SALARY	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	COUNT ALL COUNT	TO 45 SALARY YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	COUNT 40°	TO 45 SALARY YEARS SALARY 33,888 35,637
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL' COUNT ALL' COUNT 1 1 1	YEARS SALARY 33,888 35,637 40,330
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL COUNT ALL 1 1 1 1 4	YEARS SALARY 33,888 35,637 40,330 168,946
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL' COUNT ALL' COUNT 1 1 1	YEARS SALARY 33,888 35,637 40,330
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL COUNT ALL 1 1 1 4 3	YEARS SALARY YEARS SALARY 33,888 35,637 40,330 168,946 140,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL COUNT ALL 1 1 1 4 3	YEARS SALARY YEARS SALARY 33,888 35,637 40,330 168,946 140,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT	O 35 SALARY	35 T COUNT	TO 40 SALARY /ICE & UP	ALL COUNT ALL 1 1 1 4 3	YEARS SALARY YEARS SALARY 33,888 35,637 40,330 168,946 140,629



Table C-13 Florida Retirement System Members and Their Salaries at July 1, 2013 EOC - Judicial: Men

	LINE				40.	
AGE	COUNT	DER 5 SALARY	COUNT	O 10 SALARY	COUNT	TO 15 SALARY
UNDER 20						
20 to 24						
25 to 29	2	400 700				
30 to 34 35 to 39	3 2	400,722 280,530	6	719,113	1	134,280
40 to 44	2	194,902	7	990,636	11	1,474,319
45 to 49	8	956,676	11	1,373,245	16	2,210,882
50 to 54	15	1,955,436	13	1,758,855	21	2,870,274
55 to 59	13	1,727,237	20	2,680,435	21	2,994,419
60 to 64 65 & UP	3 5	426,534 702,992	16 16	2,236,214 2,197,378	21 15	2,915,288 2,124,957
TOTALS	51	6,645,029	89	11,955,876	106	14,724,419
		-,,-				
				/ICE		
AGE	COUNT	ΓΟ 20 SALARY	COUNT	ΓO 25 SALARY	COUNT	TO 30 SALARY
UNDER 20	000111	OALART	000111	OALART	000111	OALAKI
20 to 24						
25 to 29						
30 to 34						
35 to 39 40 to 44	7	893,539				
45 to 49	7	995,845	12	1,659,459		
50 to 54	13	1,802,287	13	1,832,519	11	1,532,709
55 to 59	26	3,657,941	26	3,576,771	19	2,657,439
60 to 64	14	1,956,260	23	3,234,380	19	2,661,894
65 & UP TOTALS	3 70	426,534 9,732,406	6 80	837,612 11,140,741	1 50	134,280 6,986,322
		-,,		, ,	-	-,,
			OLIV			TO 45
AGE	30 7	ΓO 35	35	ΓO 40	40	TO 45
AGE UNDER 20						
	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	30 7	ro 35 Salary	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT	7O 35 SALARY 2,150,856	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T COUNT	ro 35 Salary	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT	2,150,856 560,814	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT	7O 35 SALARY 2,150,856	35 COUNT	TO 40 SALARY	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT	2,150,856 560,814 2,711,670	35 COUNT	TO 40 SALARY	COUNT	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 T COUNT	2,150,856 560,814 2,711,670	35 COUNT	TO 40 SALARY	COUNT	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT ALL COUNT	TO 45 SALARY YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT ALL COUNT	TO 45 SALARY YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT ALL COUNT 3 9	YEARS SALARY 400,722 1,133,923
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	ALL COUNT 3 9 27	YEARS SALARY 400,722 1,133,923 3,553,396
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	COUNT ALL COUNT 3 9	YEARS SALARY 400,722 1,133,923
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	ALL COUNT 3 9 27 54 86 140	YEARS SALARY 400,722 1,133,923 3,553,396 7,196,107 11,752,080 19,445,098
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	ALL: COUNT ALL: COUNT 3 9 27 54 86 140 100	YEARS SALARY 400,722 1,133,923 3,553,396 7,196,107 11,752,080 19,445,098 13,991,384
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT 15 4 19	2,150,856 560,814 2,711,670	35 TCOUNT SERV 50	TO 40 SALARY /ICE & UP	ALL COUNT 3 9 27 54 86 140	YEARS SALARY 400,722 1,133,923 3,553,396 7,196,107 11,752,080 19,445,098



Table C-14 Florida Retirement System Members and Their Salaries at July 1, 2013 EOC - Judicial: Women

			SER\	/ICE		
		DER 5		O 10		O 15
AGE UNDER 20 20 to 24				SALARY		
25 to 29 30 to 34						
35 to 39	3	336,373	1	142,178	4	496,552
40 to 44	7	844,387	8	1,025,971	9	1,200,104
45 to 49	5	605,451	8	1,057,486	13	1,818,007
50 to 54	4	416,231		1,698,238		1,531,888
55 to 59	4	552,916		972,037		1,559,129
60 to 64	3	241,366	3	344,971		284,356
65 & UP	00	0.000.704	2	284,356	1	134,280
TOTALS	26	2,996,724	41	5,525,237	52	7,024,316
				/ICE		
4.05		TO 20		TO 25		O 30
AGE UNDER 20 20 to 24 25 to 29 30 to 34	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
35 to 39	0	4 000 044	4	404.000		
40 to 44	9	1,232,214	1	134,280 1,533,617		
45 to 49 50 to 54	16 12	2,168,233 1,691,338		1,382,320	11	1,524,468
55 to 59	11	1,462,849		2,104,724		1,794,869
60 to 64	5	702,992	11	1,548,163		1,668,401
65 & UP	· ·	702,002		1,010,100	12	1,000,101
TOTALS	53	7,257,626	48	6,703,104	36	4,987,738
				/ICE		
		TO 35		TO 40	40 T	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
50 to 54						
	1	142.178				
55 to 59	1 2	142,178 268,572				
55 to 59 60 to 64						
60 to 64 65 & UP	2 3	268,572 418,636				
60 to 64	2	268,572				
60 to 64 65 & UP	2 3 6	268,572 418,636 829,386		/ICE		
60 to 64 65 & UP TOTALS	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS
60 to 64 65 & UP TOTALS	2 3 6	268,572 418,636 829,386	50		ALL Y	ÆARS
60 to 64 65 & UP TOTALS AGE UNDER 20	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS
60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS
60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS
60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS SALARY
60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	ÆARS
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	EARS SALARY 975,103
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y	975,103 4,436,956
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	2 3 6	268,572 418,636 829,386	50	& UP	8 34 53	975,103 4,436,956 7,182,794
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	2 3 6	268,572 418,636 829,386	50	& UP	ALL Y COUNT 8 34 53 61	975,103 4,436,956 7,182,794 8,386,661
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 3 6	268,572 418,636 829,386	50	& UP	8 34 53 61 64 39 3	975,103 4,436,956 7,182,794 8,386,661 8,715,096 5,208,885 418,636
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	2 3 6	268,572 418,636 829,386	50	& UP	8 34 53 61 64 39	975,103 4,436,956 7,182,794 8,386,661 8,715,096 5,208,885



Table C-15
Florida Retirement System
Members and Their Salaries at July 1, 2013
EOC - Legislators/Attorneys/Cabinet: Men

			SER\	/ICE		
		DER 5		O 10	10	
AGE UNDER 20	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
20 to 24						
25 to 29	2	52,393		00.007		
30 to 34	5	155,273	1	29,697 207,668	_	4.40.405
35 to 39	3 4	82,090	4		5 2	
40 to 44 45 to 49	2	108,439 48,999	2 7	75,175 187,089	1	59,394
50 to 54	2	40,999	,	107,009	5	72,320 127,695
55 to 59	4	217,775	3	89,091		393,040
60 to 64	1	29,697	1	19,302	1	29,697
65 & UP			3	89,091		59,394
TOTALS	21	694,666		697,113	22	
			SER\	/ICE		
		ΓO 20		TO 25	25	
AGE	COUNT	SALARY			COUNT	
UNDER 20 20 to 24						
25 to 29 30 to 34						
35 to 39	1	29,697				
40 to 44	2	70,734				
45 to 49			1	144,500		
50 to 54	2	169,379	1	130,770	1	120,432
55 to 59	2	59,394	1	150,077		185,859
60 to 64 65 & UP	1 2	150,077 186,824	2	300,154	1	150,077
TOTALS	10		5	725,501	4	456,368
			0.50	" 05		
	30 7	TO 35	35	TO 40	40	ГО 45
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	30 7	TO 35	35		40	ΓO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 7	TO 35	35	TO 40	40	ΓO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT	TO 35 SALARY	35	TO 40	40	ΓO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	COUNT	TO 35 SALARY 150,077	35 COUNT	TO 40 SALARY	COUNT 40	ΓO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	COUNT 1	TO 35 SALARY 150,077 150,077	35 COUNT	TO 40 SALARY	COUNT	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 COUNT	TO 35 SALARY 150,077 150,077	35 COUNT SERV 50	TO 40 SALARY	COUNT 40	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	COUNT 1 1 45 COUNT	TO 35 SALARY 150,077 150,077 150 SALARY	35 COUNT SERV 50	TO 40 SALARY /ICE & UP	ALL COUNT 2 6 13 10 11 9 19 7	YEARS SALARY 52,393 184,970 467,940 313,742 452,908 548,276 1,245,313 679,004
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 COUNT	TO 35 SALARY 150,077 150,077	35 COUNT SERV 50	TO 40 SALARY /ICE & UP	ALL COUNT 2 6 13 10 11 9 19	77 45 SALARY YEARS SALARY 52,393 184,970 467,940 313,742 452,908 548,276 1,245,313



Table C-16 Florida Retirement System Members and Their Salaries at July 1, 2013 EOC - Legislators/Attorneys/Cabinet: Women

		 ER 5		'ICE D 10		TO 15
AGE UNDER 20 20 to 24 25 to 29		SALARY				
30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	2	38,604	2 1	59,394 29,697	4	108,740
55 to 59 60 to 64	3	89,091 29,697	1	29,697	0	00.004
65 & UP TOTALS		157,392		,		89,091 197,831
	15 T	O 20	20 T	O 25	25 7	TO 30
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
40 to 44 45 to 49 50 to 54	1 1	150,077 29,697	2	279,049		
55 to 59 60 to 64	1	150,077			2	300,154
65 & UP TOTALS	1 4	29,697 359,548	2	279,049	2	300,154
	30 T	O 35	35 T	O 40	40 7	TO 45
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
AGE UNDER 20 20 to 24 25 to 29 30 to 34	45 T COUNT	O 50 SALARY	SERV 50 8 COUNT	& UP	ALL Y	/EARS SALARY
35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS					1 9 3 6 2 6 27	150,077 476,880 68,301 539,322 59,394 167,787 1,461,761



Table C-17 Florida Retirement System Members and Their Salaries at July 1, 2013 EOC - County Officials: Men

			CED	/ICE		
		DER 5	0=	/ICE O 10		O 15
AGE UNDER 20 20 to 24				SALARY		
25 to 29 30 to 34 35 to 39	1 6 11	36,602 134,059 370,669	1 3 8	34,200 107,908 394,225	1 1	60,317 21,844
40 to 44 45 to 49	22 19	745,180 484,318	10 10	567,048 597,404	6 10	263,325 499,274
50 to 54 55 to 59 60 to 64	16 20 20	580,064 586,493 1,198,696	19 22 21	882,558 669,514	23 12	749,896 943,238 569,573
65 & UP TOTALS	20 135	434,957 4,571,038	34 128	946,365 5,222,707		536,888 3,644,355
		 ГО 20		/ICE TO 25	25 T	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39				SALARY		
40 to 44 45 to 49 50 to 54	5 10 16	286,951 530,562 892,567	4 5 8	278,384 313,197 729,838	2 11	200,194 890,000
55 to 59 60 to 64 65 & UP	13 10 14	606,520 250,230 374,900	8 14 16 9	1,063,396	6 7	489,776 665,901 282,960
TOTALS	68	2,941,730	56			2,528,831
		 ГО 35		/ICE TO 40	 40 T	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44				SALARY		
45 to 49 50 to 54 55 to 59	1 1 3	97,577 124,413 350,855				
60 to 64 65 & UP TOTALS	3 1 9	95,070 41,143 709,058	2 2	-,		
AGE	45 7	ΓΟ 50 SALARY	50	/ICE & UP SALARY		ÆARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS					2 10 20 47 57 89 101 89 104 519	70,802 302,284 786,738 2,140,888 2,722,526 4,990,263 4,922,836 4,266,471 3,007,636 23,210,444



Table C-18 Florida Retirement System Members and Their Salaries at July 1, 2013 EOC - County Officials: Women

				/ICE		
AGE	COUNT	DER 5 SALARY		O 10 SALARY		TO 15 SALARY
UNDER 20	000111	OALART	000111	OALART	000111	OALAKI
20 to 24						
25 to 29						
30 to 34	1	8,625	2	60,721		
35 to 39	2	114,854	5	218,137	2 1	66,227
40 to 44 45 to 49	9 8	400,910 317,611	7 4	226,350 111,548	3	31,380 144,598
50 to 54	10	295,750	4	241,634	7	399,144
55 to 59	7	203,298	12	344,888	18	919,877
60 to 64	9	221,439	11	493,332	13	800,288
65 & UP	9	205,345	15	558,930	14	692,468
TOTALS	55	1,767,832	60	2,255,540	58	3,053,982
			SER\	/ICE		
	15	ΓO 20	20 7	ΓO 25	25	TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29 30 to 34						
35 to 39	1	21,844				
40 to 44	5	258,186	4	341,019		
45 to 49	2	115,919	6	424,291		625,712
50 to 54	3	85,169	8	434,178	10	969,779
55 to 59 60 to 64	9 13	339,582	9 12	761,765	16 5	1,462,378
65 & UP	13	969,883 611,714	10	672,304 720,567	2	362,097 65,836
TOTALS	46	2,402,297	49		39	3,485,802
		 ΓΩ 35	0=	/ICE FO 40		
AGE	30 7	ΓO 35	35	ΓO 40	40	TO 45
AGE UNDER 20			35	ΓO 40	40	
UNDER 20 20 to 24	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	30 7	ΓO 35	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T COUNT 5 7	TO 35 SALARY 432,800 604,023	35	ΓO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T COUNT 5 7 1	432,800 604,023 24,115	35 COUNT	TO 40 SALARY	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT	432,800 604,023 24,115 9,000	COUNT	TO 40 SALARY 161,735	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T COUNT 5 7 1	432,800 604,023 24,115	35 COUNT	TO 40 SALARY 161,735	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT 5 7 1 1 14	432,800 604,023 24,115 9,000	2 2	TO 40 SALARY 161,735 161,735	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 T COUNT 5 7 1 1 1	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT ALL COUNT	TO 45 SALARY YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	COUNT 40°	TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	ALL COUNT 3 10 26	YEARS SALARY 969,346 421,062 1,257,845
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	ALL: COUNT ALL: COUNT 3 10 26 29	YEARS SALARY YEARS SALARY 69,346 421,062 1,257,845 1,739,679
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	40 COUNT ALL COUNT 3 10 26 29 47	YEARS SALARY 99,346 421,062 1,257,845 1,739,679 2,858,454
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	ALL: COUNT 3 10 26 29 47 80	YEARS SALARY 69,346 421,062 1,257,845 1,739,679 2,858,454 4,797,546
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	40 COUNT ALL COUNT 3 10 26 29 47 80 64	YEARS SALARY 69,346 421,062 1,257,845 1,739,679 2,858,454 4,797,546 3,543,458
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	5 7 1 1 14	432,800 604,023 24,115 9,000 1,069,938	2 2 SERV. 50	161,735 161,735 //CE	ALL: COUNT 3 10 26 29 47 80	YEARS SALARY 69,346 421,062 1,257,845 1,739,679 2,858,454 4,797,546



Table C-19
Florida Retirement System
Members and Their Salaries at July 1, 2013
FRS - Senior Management Service: Men

			SER\		40.	TO 45
AGE		DER 5		O 10		TO 15
AGE UNDER 20	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
20 to 24						
25 to 29	193	8,181,286	3	183,960		
30 to 34	130	5,809,677	87	4,621,721	7	512,595
35 to 39	45	2,650,613	67	4,034,372	63	4,687,089
40 to 44	32	2,149,838	57	4,629,493	75	6,493,303
45 to 49	24	2,224,570	46	4,037,872	45	4,062,677
50 to 54	25	2,870,329	40	3,844,624	50	4,693,832
55 to 59	37	4,139,014	38	3,605,293	77	8,332,814
60 to 64	15	1,419,204	36	3,509,002	41	4,459,918
65 & UP	5	429,829	22	2,663,183	32	3,175,431
TOTALS	506	29,874,360	396	31,129,520	390	36,417,659
			SER\			[
		ГО 20		ΓO 25		TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29						
30 to 34						
35 to 39	16	1,149,598	1	76,554		
40 to 44	91	8,368,124	26	2,345,913	. 1	71,261
45 to 49	87	8,213,533	130	13,771,157	42	4,514,666
50 to 54	75	7,697,598	109	11,663,062	165	16,838,013
55 to 59	80	7,867,284	102	11,452,879	164	17,996,113
60 to 64	55	5,586,816	49	5,590,633	57	6,601,791
65 & UP	22	2,530,941	28	3,269,128	11	1,349,981
TOTALS	426	41,413,894	445	48,169,326	440	47,371,825
			SER\	/ICE		
		 ГО 35	35	ΓO 40		TO 45
AGE	30 T	ГО 35 SALARY			40 °	TO 45 SALARY
UNDER 20			35	ΓO 40		
UNDER 20 20 to 24			35	ΓO 40		
UNDER 20 20 to 24 25 to 29			35	ΓO 40		
UNDER 20 20 to 24 25 to 29 30 to 34			35	ΓO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			35	ΓO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	35	ΓO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 2	SALARY 172,444	35	ΓO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	2 18	172,444 1,863,462	35 T	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	2 18 45	172,444 1,863,462 5,179,613	35 COUNT	TO 40 SALARY 229,831		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	2 18 45 19	172,444 1,863,462 5,179,613 2,852,346	35 COUNT	229,831 1,509,056	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 18 45 19 6	172,444 1,863,462 5,179,613 2,852,346 771,033	35 COUNT 3 10 2	229,831 1,509,056 294,228	COUNT	SALARY 343,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	2 18 45 19	172,444 1,863,462 5,179,613 2,852,346	35 COUNT	229,831 1,509,056	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 18 45 19 6	172,444 1,863,462 5,179,613 2,852,346 771,033	35 COUNT 3 10 2	229,831 1,509,056 294,228 2,033,115	COUNT	SALARY 343,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033	35 COUNT 3 10 2 15 SER\	229,831 1,509,056 294,228 2,033,115	COUNT 3 3 3	SALARY 343,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SER\	229,831 1,509,056 294,228 2,033,115	COUNT 3 3 3	343,077 343,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 ALL	343,077 343,077 243,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 ALL	343,077 343,077 243,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 ALL	343,077 343,077 243,077
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 COUNT	343,077 343,077 YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL COUNT	343,077 343,077 YEARS SALARY 8,365,246
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	3 3 3 ALL COUNT	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL COUNT 196 224 192 282 376	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL COUNT 196 224 192 282 376 482	343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919 49,470,920
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	2 18 45 19 6 90	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL COUNT 196 224 192 282 376	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	2 18 45 19 6 90 	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL: COUNT 196 224 192 282 376 482 546 282	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919 49,470,920 58,802,841 31,528,766
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	2 18 45 19 6 90 	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898 FO 50 SALARY	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL COUNT 196 224 192 282 376 482 546 282 133	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919 49,470,920 58,802,841 31,528,766 15,351,275
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	2 18 45 19 6 90 	172,444 1,863,462 5,179,613 2,852,346 771,033 10,838,898	35 COUNT 3 10 2 15 SERV. 50	229,831 1,509,056 294,228 2,033,115 //CE	COUNT 3 3 3 ALL: COUNT 196 224 192 282 376 482 546 282	343,077 343,077 343,077 YEARS SALARY 8,365,246 10,943,993 12,598,226 24,057,932 36,996,919 49,470,920 58,802,841 31,528,766



Table C-20 Florida Retirement System Members and Their Salaries at July 1, 2013 FRS - Senior Management Service: Women

	LINE		SER\		40:	TO 45
ACE		DER 5		O 10		TO 15
AGE UNDER 20	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
20 to 24						
25 to 29	264	10,787,307	6	248,616		
30 to 34	159	7,118,518	94	5,297,358	9	638,823
35 to 39	39	1,720,808	75	4,211,668	107	6,986,910
40 to 44	31	2,126,771	67	4,513,929	98	7,366,061
45 to 49	20	1,266,217	39	2,814,130	53	4,084,425
50 to 54	21	1,449,919	33	2,626,536	38	2,869,438
55 to 59	14	1,196,376	28	2,309,921	42	3,637,789
60 to 64	10	979,715	22	2,177,041	28	2,569,953
65 & UP	2	178,897	8	636,910	10	807,724
TOTALS	560	26,824,528	372	24,836,109	385	28,961,123
			SER\	/ICE		
		TO 20		TO 25		TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29						
30 to 34						
35 to 39	22	1,579,284	3	289,152		
40 to 44	104	8,684,017	57	4,389,863	3	304,482
45 to 49	93	7,429,571	157	13,587,294	74	6,060,103
50 to 54	82	6,825,405	127	11,364,445	151	15,315,448
55 to 59	58	4,945,752	88	8,925,872	140	13,685,144
60 to 64	32	2,791,949	44	4,111,352	53	5,529,858
65 & UP	5	431,564	4	394,927	6	746,719
TOTALS	396	32,687,542	480	43,062,905	427	41,641,754
			SER\	/ICE		
	30 7	 ГО 35	SER\	/ICE TO 40	40	TO 45
AGE	30 T	ГО 35 SALARY			40 °	TO 45 SALARY
AGE UNDER 20			35	TO 40		
			35	TO 40		
UNDER 20			35	TO 40		
UNDER 20 20 to 24			35	TO 40		
UNDER 20 20 to 24 25 to 29			35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34	COUNT	SALARY	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 1	SALARY 49,780	35	TO 40		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	1 35	49,780 3,477,314	35 T	TO 40 SALARY		
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	1 35 22	49,780 3,477,314 2,299,588	35 COUNT	TO 40 SALARY 401,119	COUNT	SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	1 35 22 11	49,780 3,477,314 2,299,588 1,046,551	35 COUNT	TO 40 SALARY 401,119 1,208,738	COUNT 2	SALARY 176,491
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	1 35 22 11 2	49,780 3,477,314 2,299,588 1,046,551 359,417	35 COUNT	401,119 1,208,738 428,785	COUNT 2 2 2	176,491 175,748
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	1 35 22 11	49,780 3,477,314 2,299,588 1,046,551	35 COUNT	TO 40 SALARY 401,119 1,208,738	COUNT 2	SALARY 176,491
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	1 35 22 11 2	49,780 3,477,314 2,299,588 1,046,551 359,417	35 COUNT 4 9 4 17	401,119 1,208,738 428,785 2,038,642	COUNT 2 2 2	176,491 175,748
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417	35 COUNT 4 9 4 17 SER\	401,119 1,208,738 428,785 2,038,642	2 2 4	176,491 175,748
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SER\	401,119 1,208,738 428,785 2,038,642	2 2 4	176,491 175,748 352,239
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	COUNT 2 2 4 ALL	176,491 175,748 352,239 YEARS
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	COUNT 2 2 4 ALL	176,491 175,748 352,239 YEARS
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	COUNT 2 2 4 ALL	176,491 175,748 352,239 YEARS
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	COUNT 2 2 4 ALL COUNT	176,491 175,748 352,239 YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	COUNT 2 2 4 ALL COUNT	176,491 175,748 352,239 YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 4 ALL COUNT 270 262	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 4 ALL: COUNT 270 262 246	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 2 4 ALL COUNT 270 262 246 360	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822 27,385,123
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 4 4 COUNT 270 262 246 360 437	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822 27,385,123 35,291,520
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 4 4 ALL: COUNT 270 262 246 360 437 487	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822 27,385,123 35,291,520 43,928,505
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 4 4 ALL COUNT 270 262 246 360 437 487 396	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822 27,385,123 35,291,520 43,928,505 37,401,561
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	1 35 22 11 2 71	49,780 3,477,314 2,299,588 1,046,551 359,417 7,232,650	35 COUNT 4 9 4 17 SERV 50	401,119 1,208,738 428,785 2,038,642 //CE	2 2 2 4 4 ALL: COUNT 270 262 246 360 437 487 396 211	176,491 175,748 352,239 YEARS SALARY 11,035,923 13,054,699 14,787,822 27,385,123 35,291,520 43,928,505 37,401,561 20,591,648



Table C-21 Florida Retirement System Members and Their Salaries at July 1, 2013 TRS - Teachers' Retirement System: Men

				/ICE O 10	40.7	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS		ER 5 SALARY			COUNT	
		O 20		/ICE TO 25	25 T	O 30
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS					COUNT	
	30 T	O 35		/ICE TO 40	40 T	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	30 T	O 35	35	TO 40	40 T COUNT	O 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	30 T	O 35	35	TO 40	40 T	O 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT	O 35 SALARY	35 COUNT	TO 40 SALARY	40 T COUNT	399,419 399,419
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	30 T COUNT	O 35 SALARY	35 COUNT SER' 50	TO 40 SALARY	40 TCOUNT 4 4 4	399,419 399,419



Table C-22 Florida Retirement System Members and Their Salaries at July 1, 2013 TRS - Teachers' Retirement System: Women

			SER\	/ICE		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	UND	ER 5 SALARY	5 T	O 10	COUNT	O 15
TOTALO						
		O 20		/ICE TO 25	25 T	
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
				/ICE TO 40		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64		O 35 SALARY		SALARY		SALARY
65 & UP TOTALS					6 6	485,518 485,518
TOTALO						
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	45 T	O 50 SALARY	50	/ICE & UP SALARY	ALL Y	ÆARS SALARY
60 to 64 65 & UP	A	30E 010	1	70 100	11	970 517
TOTALS	4	305,819 305,819	1	79,180 79,180	11	870,517 870,517



Table C-23 Florida Retirement System Members and Their Salaries at July 1, 2013 IFAS - Institute of Food and Agricultural Sciences: Men

			SER\	VICE		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	COUNT	ER 5 SALARY	5 T	O 10	10 T	O 15 SALARY
			SER\	VICE		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54		O 20 SALARY	20	TO 25	25 T COUNT	O 30
55 to 59 60 to 64 65 & UP TOTALS					1 7 4 12	119,909 757,323 477,109 1,354,341
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	30 T	O 35 SALARY	35	TO 40	40 T COUNT	O 45
55 to 59 60 to 64	2	150,369				
65 & UP TOTALS	2	150,369				
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	45 T	O 50 SALARY	50	& UP	COUNT	ÆARS SALARY
55 to 59 60 to 64					1 9	119,909 907,692
65 & UP TOTALS					4 14	477,109 1,504,710



Table C-24 Florida Retirement System Members and Their Salaries at July 1, 2013 IFAS - Institute of Food and Agricultural Sciences: Women

			SER\	/ICE		
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	COUNT	ER 5 SALARY	5 T COUNT	O 10 SALARY	COUNT	O 15 SALARY
	15 T			/ICE TO 25	25 T	 0.30
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
55 to 59 60 to 64					1 6	61,321 423,560
65 & UP TOTALS					7	484,881
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	30 To COUNT 2 2 2 4	160,733 156,711 317,444	35 COUNT	TO 40 SALARY	40 TO COUNT	O 45 SALARY
AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	45 TO COUNT	O 50 SALARY		/ICE & UP SALARY	ALL YI COUNT 3 8 11	



Table C-25 Florida Retirement System **Distribution of Active Participants Grand Totals** July 1, 2013

			SEE	RVICE		
	LIN	NDER 5		TO 10	10	TO 15
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20	786	6,436,065	1	17,667	COOM	SALAINI
20 to 24	12,995	296,553,826	378	9,231,804	1	57,211
25 to 29						
	26,743	837,387,352	10,595	386,363,229	270	10,421,904
30 to 34	17,152	536,049,102	25,384	1,022,543,487	7,783	340,056,322
35 to 39	12,221	366,085,555	18,258	726,335,085	18,387	857,082,150
40 to 44	11,983	356,199,726	16,753	633,860,327	17,669	803,467,409
45 to 49	10,393	301,651,959	15,295	545,394,303	15,235	637,543,486
50 to 54	9,085	265,322,814	14,545	515,402,703	15,357	606,636,710
55 to 59	6,406	188,702,532	11,721	411,437,705	13,310	528,322,127
60 to 64	3,118	87,749,867	7,646	268,132,878	7,821	314,517,375
65 & UP	1,714	35,358,149	4,058	116,339,980	4,187	147,842,538
TOTALS	112,596	3,277,496,947	124,634	4,635,059,168	100,020	4,245,947,232
				RVICE		
		TO 20		TO 25		5 TO 30
AGE	COUNT	SALARY	COUNT	SALARY	COUNT	SALARY
UNDER 20						
20 to 24						
25 to 29	1	38,572				
30 to 34	145	6,250,852				
35 to 39	5,496	271,704,815	122	6,551,860		
40 to 44	16,923	891,938,496	5,707	326,571,300	255	14,643,225
45 to 49	14,357	700,077,302	14,494	849,348,404	6,083	354,088,816
50 to 54	14,013	627,491,974	13,508	734,070,305	13,616	809,345,489
55 to 59	12,544	541,992,897	12,166	620,305,997	12,009	681,688,861
60 to 64	7,100	311,395,394	7,113	359,889,577	6,434	365,611,010
65 & UP	2,490	96,176,793	1,513	71,147,275	872	45,231,205
TOTALS	73,069	3,447,067,095	54,623	2,967,884,718	39,269	2,270,608,606
TOTALS	73,003	3,447,007,033	34,023	2,307,004,710	39,209	2,270,000,000
			SFF	RVICE		
	30	TO 35		RVICE		
AGE		TO 35	35	TO 40	40	TO 45
AGE	30 COUNT) TO 35 SALARY				
UNDER 20			35	TO 40	40	TO 45
UNDER 20 20 to 24			35	TO 40	40	TO 45
UNDER 20 20 to 24 25 to 29			35	TO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34			35	TO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39			35	TO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	COUNT	SALARY	35	TO 40	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	COUNT 178	SALARY 9,863,797	35 COUNT	STO 40 SALARY	40	TO 45
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	178 2,695	9,863,797 161,835,941	35 COUNT	5 TO 40 SALARY 1,313,081	COUNT	O TO 45 SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	178 2,695 3,479	9,863,797 161,835,941 219,230,447	35 COUNT 25 374	1,313,081 22,038,549	4(COUNT	0 TO 45 SALARY 378,845
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	178 2,695 3,479 1,295	9,863,797 161,835,941 219,230,447 82,127,058	35 COUNT 25 374 457	1,313,081 22,038,549 31,043,644	4(COUNT 8 103	378,845 6,219,379
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	178 2,695 3,479 1,295 437	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534	35 COUNT 25 374 457 286	1,313,081 22,038,549 31,043,644 21,455,174	4(COUNT 8 103 215	378,845 6,219,379 17,581,405
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	178 2,695 3,479 1,295	9,863,797 161,835,941 219,230,447 82,127,058	35 COUNT 25 374 457	1,313,081 22,038,549 31,043,644	4(COUNT 8 103	378,845 6,219,379
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	178 2,695 3,479 1,295 437	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448	4(COUNT 8 103 215	378,845 6,219,379 17,581,405
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448	8 103 215 326	378,845 6,219,379 17,581,405 24,179,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448	4(COUNT 8 103 215 326	378,845 6,219,379 17,581,405 24,179,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448	8 103 215 326	378,845 6,219,379 17,581,405 24,179,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326	378,845 6,219,379 17,581,405 24,179,629
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	8 103 215 326 ALI	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 8 103 215 326 ALI COUNT 787	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841 1,234,211,057
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 8 103 215 326 COUNT 787 13,374 37,609 50,464	378,845 6,219,379 17,581,405 24,179,629 LYEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465 3,026,680,483
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484 69,290 76,035	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484 69,290 76,035 82,844	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465 3,026,680,483 3,397,968,067 3,721,419,017
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484 69,290 76,035 82,844 72,017	378,845 6,219,379 17,581,405 24,179,629 LYEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465 3,026,680,483 3,397,968,067 3,721,419,017 3,214,097,960
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142 SEF 50 COUNT	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484 69,290 76,035 82,844 72,017 41,087	378,845 6,219,379 17,581,405 24,179,629 L YEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465 3,026,680,483 3,397,968,067 3,721,419,017 3,214,097,960 1,826,686,182
UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 & UP TOTALS AGE UNDER 20 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59	178 2,695 3,479 1,295 437 8,084	9,863,797 161,835,941 219,230,447 82,127,058 28,981,534 502,038,777	25 374 457 286 1,142	1,313,081 22,038,549 31,043,644 21,455,174 75,850,448 RVICE	4(COUNT 8 103 215 326 ALI COUNT 787 13,374 37,609 50,464 54,484 69,290 76,035 82,844 72,017	378,845 6,219,379 17,581,405 24,179,629 LYEARS SALARY 6,453,732 305,842,841 1,234,211,057 1,904,899,763 2,227,759,465 3,026,680,483 3,397,968,067 3,721,419,017 3,214,097,960



Table C-26 Florida Retirement System Summary Totals for All Systems Number, Total Annualized Payroll and Accumulated Employee Contributions of Active Members by System

<u>System</u>	<u>Members</u>	Total Payroll Payroll ¹ (000's omitted)	Accumulated Employee Contributions (000's omitted)
Florida Retirement System			
Regular	449,102	\$18,162,664	\$999,540
Senior Management Service	5,425	467,972	28,918
Florida Retirement System - Special Risk			
Non-Administrative	57,531	3,285,025	188,616
Administrative	41	1,930	112
Florida Retirement System - Elected Officers' Class Judicial Leg. / Atty. / Cabinet County Elected Off.	727 112 842	101,261 6,013 41,598	5,932 427 2,679
Teachers' Retirement System	18	1,786	2,229
State and County Officers' and Employees' Retirement System Institute of Food and Agricultural Sciences	n 0 25	0 2,356	0
Total	513,823	\$22,070,605	\$1,228,453
Average Ann	nual Salary =	\$42,954	

Payroll adjusted to represent "Plan Year" payroll.



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APPENDIX D PROJECTIONS



Actuarial Valuation as of July 1, 2013

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Table D-1 presents a projection of total costs of the employers covered by the FRS (exclusive of the Investment Plan) during the five-year period following the actuarial valuation date, July 1, 2013. The contributions shown beginning with plan year 2014-2015 are based on the assumption that the contribution levels calculated in this report and in conjunction with Florida law (see next paragraph) are extended throughout the projection period. The contributions shown for plan year 2013-2014 are based on the legislated rates (before blending) on page B-4 of this report.

Table D-2 reflects, for each membership class and DROP, the outstanding UAL balance of all amortization bases combined as of July 1, 2013. The table develops the associated duration of the amortization of the combined amortization bases.

Beginning in the July 1, 1998 actuarial valuation with the emergence of the surplus, all UAL bases in existence as that time were considered to be fully amortized. While the Plan was in surplus, the UAL amortization payment or credit was made from the surplus for certain post-1998 benefit increases and the 1998 and 2003 experience studies prior to any use of the surplus for contribution rate reductions or any other FRS uses. Now that the plan is no longer in surplus, the UAL payment will be paid by employers as part of the contribution rate.

Table D-3 estimates the available surplus / (UAL payment) for the next three plan years based on Florida law. The estimates are projections of our July 1, 2013 valuation results, and assume experience occurs as stated in our July 1, 2013 valuation.

All three tables reflect that no surplus is available for rate reduction. The amortization methodology recognizes the time value of money.



Table D-1 Florida Retirement System Projection of Retirement Costs (Excluding Member Contributions) July 1, 2013 Based on Contribution Rates Before Blending

(All Amounts in Millions)

	2013 -2014	2014 -2015	2015 -2016	2016 -2017	2017 -2018
A. Employer Normal Cost ¹	\$1,145	\$1,184	\$1,230	\$1,280	\$1,332
B. UAL Payment / (Surplus Utilization) ²	\$1,081	\$1,277 ²	\$1,328 ²	\$1,381 ²	\$1,435 ²
C. Total	\$2,226	\$2,461	\$2,558	\$2,661	\$2,767



Includes DROP contributions on behalf of DROP members.

² UAL Payment increase is based on assumed increasing payroll, but does not reflect the recognition and funding of deferred investment gains.

Funding of UAL / (Surplus) by Duration of Amortization Florida Retirement System - July 1, 2013 Valuation Table D-2

Years to Amortize Surplus

	FRS	Spec	Special Risk	<u> </u>	Elected Officers' Class	ا ا	Senior	
	Regular	Regular	Administration	Judicial	Leg-Atty-Cab	County	Management	DROP
Valuation Date Outstanding UAL Balance / (Surplus)	\$11,231,445	\$5,035,863	\$15,806	\$413,333	\$53,272	\$324,066	\$1,644,097	\$2,904,275
UAL Cost / (Savings) Rate (see Table IV-11)	3.01%	8.95%	51.44%	23.69%	20.85%	46.01%	20.03%	6.72%
UAL Payroll PY 2014 - 2015 ¹	\$21,427,460	\$3,425,251	\$2,007	\$105,953	\$6,355	\$43,248	\$504,625	\$2,597,960
Annual Payment / (Savings) for PY 2014 - 2015	\$645,953	\$306,586	\$1,032	\$25,104	\$3,231	\$19,898	\$101,059	\$174,508
Amortization Period Calculated Assuming								
Level Dollar	NA	NA	2 NA	AN N	2 NA	NA NA	NA NA	NA 2
Level Percent of Payroll	27	25	22	25	25	25	25	25 2

¹ The UAL payroll includes salaries for defined contribution program members who pay only the UAL contribution rate.



FLORIDA RETIREMENT SYSTEM Actuarial Valuation as of July 1, 2013

² Current annual payment / (savings) will never accumulate to the UAL if the earned interest rate is 7.75%.

Table D-3 Florida Retirement System - July 1, 2013 Valuation Projected Annual Payments of UAL Amortization Bases¹

Projected PY 2014-2015 and Forward Based on 07/01/2013 Valuation Results and 07/01/2013 Assets

		In Millions	
2	<u> 2014 - 15</u>	<u> 2015 - 16</u>	<u> 2016 - 17</u>
1 Estimated Surplus Available Rate Stabilization Mechanism ²	\$0.0	\$0.0	\$0.0
2 Increase/(Decrease) in Available Surplus from prior year	\$0.0	\$0.0	\$0.0
UAL Bases			
3 12% Increase in Special Risk benefits (in pay status before 07/01/2000) 3	(\$25.8)	(\$26.8)	(\$27.9)
4 Special Risk Minimum In-Line-of-Duty Disability Increased to 65% 4	\$0.2	\$0.2	\$0.2
5 1993 - 1998 Experience Study Assumption Changes ⁵	\$32.7	\$34.0	\$35.3
6 1998 - 2003 Experience Study Assumption Changes ⁵	\$240.8	\$250.4	\$260.4
7 2003 - 2008 Experience Study Assumption Changes	(\$404.7)	(\$420.9)	(\$437.8)
8 2009 Experience Gain/(Loss)	(\$1,270.1)	(\$1,320.9)	(\$1,373.7)
9 Unrecognized (Gains)/Losses while in Surplus	\$371.5	\$386.4	\$401.8
10 2009 Plan Change (House Bill 479)	\$76.8	\$79.9	\$83.1
11 2010 Experience Gain/(Loss)	(\$66.9)	(\$69.6)	(\$72.4)
12 2010 Plan Change (Senate Bill 2100)	\$73.3	\$76.3	\$79.3
13 2011 Experience Gain/(Loss)	(\$158.7)	(\$165.0)	(\$171.6)
14 2012 Experience Gain/(Loss)	\$6.2	\$6.5	\$6.7
15 2013 Experience Gain/(Loss)	(\$152.7)	<u>(\$158.8)</u>	<u>(\$165.1)</u>
Subtotal [(3) through (15)]	(\$1,277.4)	(\$1,328.3)	(\$1,381.7)
16 Across the Board Rate Reduction of 0% ⁶	\$0.0	\$0.0	\$0.0
Total [Subtotal + (16)]	(\$1,277.4)	(\$1,328.3)	(\$1,381.7)
17 Surplus Available / (UAL payment)			
[(1) + Total] =	(\$1,277.4)	(\$1,328.3)	(\$1,381.7)

¹ Numbers exclude contributions to the Investment Plan.



 $^{^2\ \}text{Projected surplus based on }07/01/2013\ \text{valuation results.}\ \text{Using amortization method that reflects interest.}$

³ In the absence of a surplus there is an additional cost to the Special Risk Regular Class of 0.75% attributable to the 12% increase in pre-2000 retired benefits.

⁴ In the absence of a surplus there is an additional cost to the Special Risk Administration Class of 0.20% and an additional cost to the Special Risk Regular Class of -0.01% attributable to the Increase in Minimum ILOD Disability Benefit.

In the absence of a surplus there is an additional charge or credit to each class.
 See Tables IV-2 through IV-10 for details.

 $^{^{6}}$ No surplus available for rate reduction.

APPENDIX E COMPARISONS/RECONCILIATION



Actuarial Valuation as of July 1, 2013

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This Appendix contains certain comparative information required by the state. The table below compares actual investment return, aggregate payroll growth, and individual salary increases with the actuarial assumptions.

The next table reconciles the flow of participants from the 2012 actuarial valuation to the 2013 actuarial valuation, while the last table cross-references the required sections of 112.64 with this report.

TABLE E-1 One-Year Comparisons							
Annual Rate of Investment Return on Act	uarial Value of Asse	ets					
Period Ending	Actual	F	Assumed				
June 30, 2011 June 30, 2012 June 30, 2013	8.39% 6.74% 8.02%		7.75% 7.75% 7.75%				
Annual Rate of Payroll Growth Period Ending Actual ¹ Assumed ¹							
June 30, 2011 June 30, 2012 June 30, 2013	-1.42% -1.18% 0.03%		4.00% 4.00% 4.00%				
3. Individual Rates of Salary Increases for F		·					
Year Ended	Rate of Incr		g Year				
June 30	Regular Members	Special Risk	Assumed ²				
2011 2012 2013	3.7% 0.7% 3.2%	5.1% 1.4% 3.7%	5.85% 5.85% 5.85%				

¹ The payroll base compared is used for UAL cost calculations and includes payroll for DROP members and certain defined contribution plan participants for whom only UAL contributions are due. The percentages for the prior years are different than those found in the prior reports due to the change in the payroll basis being measured.

² Individual rates vary by age



E-1

TABLE E-2 FLORIDA RETIREMENT SYSTEM DEFINED BENEFIT PROGRAM DATA RECONCILIATION

	Active Members	Disabled Members	Retired Members and Beneficiaries	DROP Participants	Total
Number reported as of July 1, 2012	517,287	13,604	318,090	40,544	889,535
New Entrants	50,798	0	0	0	50,798
Data Adjustment	0	73 ²	6,006 ²	0	6,079 ²
Retirements	(12,600)	636	17,808	(5,844)	0
DROP	(7,458)	0	0	7,458	0
Terminations, IP Transfers and deaths with and without benefit	(34,204)	0	0	0	(34.204)
Cessation of benefit payments	NA	(539)	(10,489)	0	(11,028)
Number reported as of July 1, 2013	513,823	13,774	331,415	42,168	901,180 ¹

¹ The total count excludes the 105,346 Terminated Vested participants.



² Due to improved reporting of census data for some newly inactive members and DROP participants by the Division of Retirement.

Table E-3 Florida Retirement System Cross Reference to Section 112.64 Reporting Requirements

Code Ref	1	General Information:	Page
1.003 (3g)		Includes certification by the enrolled actuary (signed and dated)?	Page 4
1.003 (11)		Do procedures follow commonly accepted procedures and determinations?	Page 4
1.003 (4g)		Disclosure of events not taken into account by actuary?	Page 3
1.003 (4g)		Disclosure of trends not assumed to continue (by actuary)?	Page 3
	2	Assumptions:	Page
1.003 (3e)		Description and explanation of all actuarial assumptions?	A-1
1.003 (3f)		Is there a comparison of actual to expected salary increases over the preceding 3-year period?	E-1
1.003 (3f)		Is there a comparison of actual to expected investment returns over the preceding 3-year period?	E-1
1.003 (6)		Do assumptions factor in actual experience?	A-1
1.003 (6)		Is impact of inflation considered?	A-9
1.003 (6)		Any consistent experience gains or losses to suggest assumption changes?	No
1.003 (7)		Listing of changed assumptions?	None
	3	Plan Provisions & Funding Method:	Page
1.003 (4c)		Contain a summary of plan provisions?	B-1
1.003 (4d)		Contain a detailed summary of funding method?	A-1
1.003 (5)		Does funding method provide a contribution sufficient to meet the NC and amortize the UAL?	Section IV
	4	Assets & Method:	Exhibit
1.003 (3a)		Is the MVA breakdown included (by cash, bonds, stocks, and other)?	II-3
1.003 (3a)		Is the "statement value" breakdown included?	No
1.003 (3a)		Is the derivation of AVA included?	11-4
1.003 (8)		Are administrative expenses being paid on a current basis?	II-1, II-2
		Asset reconciliation, including:	Exhibit
1.003 (4j)		- contributions by source	II-1, II-2
1.003 (4j)		- interest and dividends	II-1, II-2
1.003 (4j)		- realized gains / (losses)	II-1, II-2
1.003 (4j)		- unrealized appreciation	II-1, II-2
1.003 (4j)		- pension payments	II-1, II-2
1.003 (4j)		- contribution refunds	II-1, II-2
1.003 (4j) 1.003 (4j)		- expenses - other receipts (identified)	II-1, II-2 II-1, II-2 (transfer)
1.003 (4i)		- other disbursements (identified)	II-1. II-2 (IF



COMPARISONS/RECONCILIATION

	5	UAL & Amortization Schedule:	Exhibit
1.003 (3b)		Include a plan to amortize any UAL?	IV-1 & D-3
,			
		Does amortization schedule of UAL exist (as of the valuation date)	Page
1.003 (3c)		- on an annual basis for the next 3-years?	Exhibit D-3
1.003 (3c)		- for the final year?	No
1.003 (3c)		Is a statement as to how method was derived included?	A-1
1.003 (3d)		Is a description of actions taken to reduce the UAL included?	Section IV
		Reconciliation of UAL (must include items below):	Exhibit
1.003 (4h)		- UAL for prior valuation (w/ start date)	Page I-10
1.003 (4h)		- Normal Cost, contributions, & accrued interest	No
1.003 (4h)		- Impact of changes (assumption, funding method, amendments, gain/loss)	IV-2—IV-10
1.003 (4h)		- UAL for current valuation	IV-2—IV-10
,			
	6	Results:	Exhibit
1.003 (4a)		Valuation Date clearly indicated?	Page I-1
1.003 (4e)		Are results separated by employee group?	III-2 and
(- /			Sections IV & V
1.003 (4f)		Is there disclosure of any benefit and expense provided by and/or paid from plan assets	
` ,		for which no liabilities or current costs have been established?	Page 3
1.003 (4i)		Projection of emerging liabilities/cash flow needs for next 10-15 years (optional)	No
1.003 (41)		Summary of principal results (for current and prior valuation) including:	
		- participant data (counts, total pay, total annual benefits by group)	Appendix C
		- assets (market and actuarial)	II-4
		- PVB (split: active by decrement, tv, ret & ben, dis, and total)	III-2
		- PV of future benefit payments	III-2
		- AL and UAL, i.e., including amount, date, amortization period	III-2
		- PVVB (by group), non-vested PVAB, Total PVAB	V-1
1.003 (41)		Reconciliation of PVAB, including:	
		- PVAB at beginning of year	V-3
		- changes due to amendment and/or assumptions	V-3
		- change due to decrease in discount period and benefits accrued	V-3
		- Benefits paid	V-3
		- Other changes	V-3
		- Net increase (decrease)	V-3
		- PVAB at end of year	V-3
			. 0
1.003 (41)		Pension Cost	
		- Normal cost (shown for each benefit and amount for admin expense)	IV-1
		- Payment to amortize UAL	IV-2—IV-10
		- Expected plan sponsor contribution (i.e. total of above pieces with interest, also as % of pay)	IV-11
		- Amount to be contributed by members (total and % of pay)	Pages B-3—B-4



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COMPARISONS/RECONCILIATION

1.003 (41)		Past Contributions	
		- Required plan sponsor & member contribution	IV-12 and V-7
		- Actual contributions made by: plan sponsor, members, other	IV-12 and V-7
1.003 (4k)		Active member accumulated contributions with interest	V-2
1.003 (41)		Net actuarial gain / loss	IV-2—IV-10
1.003 (41)		Other (PVFS & PVFC at attained age and at entry age, PVFC from other sources, PVF Expected BP)	III-2
	7	Data:	Page
1.003 (4i)		Are membership demographics and financial statistics included?	C-1
1.003 (4i)		Age/service table for actives included?	C-8—C-28
1.003 (4i)		Data reconciliation?	E-2
	8	Contribution Rate:	Page
1.003 (4a)		Applicable beginning and ending dates for recommended contribution indicated?	I-7
1.003 (4b) 1.003 (4b)		Are ER and EE contribution rates adequate to meet benefits? Are contribution rate changes necessary to achieve or preserve funding?	I-7 Yes, Executive Summary and Exhibit IV-11
1.003 (7)		Is the impact of assumption or cost method changes indicated?	NA
1.003 (9)		Were costs to be paid at a later date adjusted for interest and/or salary?	Yes I-6—I-7
1.003 (10)		Is the effective date of recommended changes no later than the next fiscal year?	Yes I-6—I-7



APPENDIX F



Actuarial Valuation as of July 1, 2013

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The following definitions are largely excerpts from a list adopted in 1981 by the major actuarial organizations in the United States. In some cases the definitions have been modified for specific applicability to the FRS.

1. Accrued Benefit:

The amount of an individual's benefit (whether or not vested) as of a specific date, determined in accordance with the terms of a pension plan and based on compensation and service to that date.

2. Accumulated Benefit Obligation (ABO):

The actuarial present value of benefits attributed by the pension benefit formula to employee service rendered before a specified date and based on employee service and compensation prior to that date.

3. Actuarial Assumptions:

Assumptions as to the occurrence of future events affecting pension costs, such as: mortality, withdrawal, disability, and retirement; changes in compensation, rates of investment earnings, and asset appreciation or depreciation; procedures used to determine the Actuarial Value of Assets; and other relevant items.

4. Actuarial Cost Method:

A procedure for determining the Actuarial Present Value of pension plan benefits and expenses and for developing an actuarially equivalent allocation of such value to time periods, usually in the form of a Normal Cost and an Actuarial Liability.

5. Actuarially Equivalent:

Of equal Actuarial Present Value, determined as of a given date with each value based on the same set of Actuarial Assumptions.

6. Actuarial Gain/Loss:

A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions during the period between two Actuarial Valuation Dates, as determined in accordance with a particular Actuarial Cost Method.



7. Actuarial Liability (AL):

That portion, as determined by a particular Actuarial Cost Method, of the Actuarial Present Value of pension plan benefits and expenses which is not provided for by future Normal Costs.

8. Actuarial Present Value of Pension Plan Benefits

Total projected benefits include all benefits estimated to be payable to plan members as a result of their service through the valuation date and their expected future service. The actuarial present value of total projected benefits as of the valuation date is the present value of the cost to finance benefits payable in the future, discounted to reflect the expected effects of the time value (present value) of money and the probabilities of payment.

9. Actuarial Valuation:

The determination, as of a valuation date, of the Normal Cost, Actuarial Liability, Actuarial Value of Assets, and related Actuarial Present Values for a pension plan.

10. Actuarial Value of Assets (AVA):

The value of cash, investments and other property belonging to a pension plan, as used by the actuary for the purpose of an Actuarial Valuation.

11. Amortization:

Paying an interest-bearing liability by gradual reduction through a series of installments, as opposed to one lump-sum payment.

12. Amortization Payment:

That portion of the pension plan contribution which is designed to pay interest on and to amortize the Unfunded Actuarial Liability.

- Level Percent of Pay:
 - Produces a level series of payments when expressed as a percent of payroll.
 - Cash payment increases in line with payroll growth assumption.
- Level Dollar:



Produces a decreasing pattern of payments when expressed as a percent of payroll.

Cash payment remains level.

13. Annual Pension Cost (APC):

Under GASB, when the Net Pension Obligation is positive, the APC is equal to the Annual Required Contribution plus the Interest on the beginning Net Pension Obligation minus the amortization of the Net Pension Obligation. When the Net Pension Obligation is negative, the APC is equal to the Annual Required Contribution minus the Interest on the beginning Net Pension Obligation plus the amortization of the Net Pension Obligation.

14. Annual Required Contribution (ARC):

Under GASB, this amount is equal to the Normal Cost plus the Amortization Payment. GASB does not require contributions to be equal to the ARC; however it requires the calculation and reporting of the ARC.

15. Entry Age Normal Actuarial Cost Method (EAN):

A method under which the Actuarial Present Value of the Projected Benefits of each individual included in an Actuarial Valuation is allocated on a level basis over the earnings or service of the individual between entry age and assumed exit ages. The portion of this Actuarial Present Value allocated to a valuation year is called the Normal Cost. The portion of this Actuarial Present Value not provided for at a valuation date by the Actuarial Present Value of future Normal Costs is called the Actuarial Liability.

16. Funded Ratio:

Ratio of the assets of a pension plan to its liabilities.

17. Government Accounting Standards Board (GASB):

This Board sets standards of state and local accounting and financial reporting.

18. Interest Rate:



The rate used to discount projected benefit payments to determine the present value in a valuation.

19. Market Value of Assets (MVA):

The price for which an asset could be sold at a particular date. May also be referred to as the Fair Value of Assets.

20. Normal Cost (NC):

That portion of the Actuarial Present Value of pension plan benefits and expenses which is allocated to a valuation year by the Actuarial Cost Method.

21. Net Pension Obligation (NPO):

Under GASB, the cumulative difference between Annual Pension Cost and the employer's contributions to the plan, including the pension liability or asset at transition, if any.

22. Present Value (PV)/ Actuarial Present Value (APV):

The value of an amount or series of amounts or cash flows payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions, including selected interest rate.

23. Projected Benefits:

Those pension plan benefit amounts which are expected to be paid at various future times under a particular set of Actuarial Assumptions, taking into account such items as the effect of advancement in age and anticipated future compensation and service credits.

24. Unfunded Actuarial Liability

The excess of the Actuarial Liability over the Actuarial Value of Assets. When the Actuarial Value of Assets exceed Actuarial Liabilities a surplus exists.

25. Valuation Date:

The date as of which the liabilities are determined.

