

# Jacksonville Police and Fire Pension Fund

Chapter 112.664, F.S. Compliance Report  
In Connection with the October 1, 2022 Funding Actuarial  
Valuation Report and the Plan's Financial Reporting for the  
Year Ending September 30, 2022





June 14, 2023

Board of Trustees  
Jacksonville Police and Fire Pension Fund  
Jacksonville, Florida

Dear Board Members:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the Jacksonville Police and Fire Pension Fund (Plan) to prepare a disclosure report to satisfy the requirements set forth in Ch. 112.664, F.S. and as further required pursuant to Ch. 60T-1.0035, F.A.C.

This report was prepared at the request of the Board and is intended for use by the Retirement Board and those designated or approved by the Board. This report may be provided to parties other than the System only in its entirety and only with the permission of the Board.

The purpose of the report is to provide the required information specified in Ch. 112.664, F.S. as well as supplement this information with additional exhibits. This report should not be relied on for any purpose other than the purpose described above.

The findings in this report are based on data through July 1, 2022 and financial information through September 30, 2022. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. The scope of this engagement does not include an analysis of the potential range of such measurements.

This report was based upon information furnished by the City and the Board concerning Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not otherwise audit the data. We are not responsible for the accuracy or completeness of the information provided by the City.

Except as otherwise indicated as required for the disclosures contained herein, this report was prepared using certain assumptions selected by the Board as described in our October 1, 2022 actuarial valuation report. This report is also based on the Plan Provisions, census data, and financial information as summarized in our October 1, 2022 actuarial valuation report. Please refer to the October 1, 2022 actuarial valuation report, dated May 8, 2023, for summaries and descriptions of this information.

This report was prepared using ProVal's valuation model, a software product of Winklevoss Technologies. We are relying on the ProVal model. We performed tests of the ProVal model with this assignment and made a reasonable attempt to understand the developer's intended purpose of, general operation of, major sensitivities and dependencies within, and key strengths and limitations of the ProVal model. In our professional judgment, the ProVal valuation model has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses.

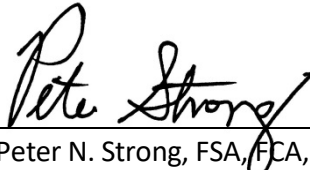
This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.


Peter N. Strong and Jennifer Joy Cagasan are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor.

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1) F.S., the actuarial disclosures required under this section were prepared and completed by us or 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, meet the requirements of Section 112.664(1), F.S. and Section 60T-1.0035, F.A.C.

Respectfully submitted,

GABRIEL, ROEDER, SMITH AND COMPANY

By   
Peter N. Strong, FSA, FCA, MAAA  
Enrolled Actuary No. 23-6975  
Senior Consultant & Actuary

By   
Jennifer Joy Cagasan, FCA, MAAA  
Enrolled Actuary No. 23-8977  
Consultant & Actuary



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## **CH. 112.664, FLORIDA STATUTES**

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### **RESULTS**

**Schedule of Changes in the Employers' Net Pension Liability**  
**Using Financial Reporting Assumptions per GASB Statement No. 67**

Fiscal year ending September 30,	<b>2022</b>
<b>1. Total Pension Liability</b>	
a. Service Cost	\$ 71,816,810
b. Interest	301,236,742
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	129,860,152
e. Assumption Changes	80,999,642
f. Benefit Payments	(245,664,097)
g. Contribution Refunds	(1,579,603)
<b>h. Net Change in Total Pension Liability</b>	<b>336,669,646</b>
<b>i. Total Pension Liability - Beginning</b>	<b>4,596,792,389</b>
<b>j. Total Pension Liability - Ending</b>	<b>\$ 4,933,462,035</b>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 157,520,476
b. Contributions - State	15,797,724
c. Contributions - Member	18,277,234
d. Net Investment Income	(432,099,625)
e. Benefit Payments	(245,664,097)
f. Contribution Refunds	(1,579,603)
g. Administrative Expense	(2,145,943)
h. Other	149,149
<b>i. Net Change in Plan Fiduciary Net Position</b>	<b>(489,744,685)</b>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<b>2,483,022,915</b>
<b>k. Plan Fiduciary Net Position - Ending</b>	<b>\$ 1,993,278,230</b>
<b>3. Net Pension Liability / (Asset)</b>	<b>2,940,183,805</b>
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2022
Measurement Date	09/30/2022
Investment Return Assumption	6.50%
Mortality Table	FRS Mortality Rates from 7/1/21 FRS Valuation



**Schedule of Changes in the Employers' Net Pension Liability  
Using Assumptions required under 112.664(1)(a), F.S.**

Fiscal year ending September 30,	<u>2022</u>
<b>1. Total Pension Liability</b>	
a. Service Cost	\$ 71,816,810
b. Interest	301,236,742
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	129,860,152
e. Assumption Changes	80,999,642
f. Benefit Payments	(245,664,097)
g. Contribution Refunds	(1,579,603)
<b>h. Net Change in Total Pension Liability</b>	<u>336,669,646</u>
<b>i. Total Pension Liability - Beginning</b>	<u>4,596,792,389</u>
<b>j. Total Pension Liability - Ending</b>	<u>\$ 4,933,462,035</u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 157,520,476
b. Contributions - State	15,797,724
c. Contributions - Member	18,277,234
d. Net Investment Income	(432,099,625)
e. Benefit Payments	(245,664,097)
f. Contribution Refunds	(1,579,603)
g. Administrative Expense	(2,145,943)
h. Other	149,149
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(489,744,685)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>2,483,022,915</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u>\$ 1,993,278,230</u>
<b>3. Net Pension Liability / (Asset)</b>	2,940,183,805
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2022
Measurement Date	09/30/2022
Investment Return Assumption	6.50%
Mortality Table	FRS Mortality Rates from 7/1/21 FRS Valuation



**Schedule of Changes in the Employers' Net Pension Liability  
Using Assumptions required under 112.664(1)(b), F.S.**

Fiscal year ending September 30,	<u>2022</u>
<b>1. Total Pension Liability</b>	
a. Service Cost	\$ 127,746,651
b. Interest	289,645,877
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	-
e. Assumption Changes	-
f. Benefit Payments	(245,664,097)
g. Contribution Refunds	(1,579,603)
<b>h. Net Change in Total Pension Liability</b>	<u>170,148,828</u>
<b>i. Total Pension Liability - Beginning</b>	<u>6,431,089,937</u>
<b>j. Total Pension Liability - Ending</b>	<u>\$ 6,601,238,765</u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 157,520,476
b. Contributions - State	15,797,724
c. Contributions - Member	18,277,234
d. Net Investment Income	(432,099,625)
e. Benefit Payments	(245,664,097)
f. Contribution Refunds	(1,579,603)
g. Administrative Expense	(2,145,943)
h. Other	149,149
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(489,744,685)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>2,483,022,915</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u>\$ 1,993,278,230</u>
<b>3. Net Pension Liability / (Asset)</b>	4,607,960,535
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2022
Measurement Date	09/30/2022
Investment Return Assumption	4.50%
Mortality Table	FRS Mortality Rates from 7/1/21 FRS Valuation





**Asset and Benefit Payment Projection**  
**Not Reflecting Any Contributions from the Employer, State or Employee**  
**Using Assumptions from the Latest Actuarial Valuation**

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2023	1,976,209,020	121,074,562	227,046,915	1,870,236,667
2024	1,870,236,667	114,010,918	232,445,077	1,751,802,508
2025	1,751,802,508	106,054,582	240,387,123	1,617,469,967
2026	1,617,469,967	96,599,228	262,656,006	1,451,413,189
2027	1,451,413,189	85,466,924	273,074,858	1,263,805,255
2028	1,263,805,255	72,784,873	288,075,951	1,048,514,177
2029	1,048,514,177	58,402,226	300,036,785	806,879,618
2030	806,879,618	42,194,307	315,472,879	533,601,046
2031	533,601,046	24,212,953	322,188,160	235,625,839
2032	235,625,839	4,460,324	334,010,954	-
2033	-	-	341,255,531	-
2034	-	-	350,182,279	-
2035	-	-	359,033,522	-
2036	-	-	362,360,167	-
2037	-	-	366,158,820	-
2038	-	-	369,876,515	-
2039	-	-	373,842,828	-
2040	-	-	377,499,518	-
2041	-	-	378,906,704	-
2042	-	-	380,977,078	-
2043	-	-	381,849,469	-
2044	-	-	381,170,944	-
2045	-	-	379,986,844	-
2046	-	-	377,871,797	-
2047	-	-	375,377,844	-
2048	-	-	372,533,637	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, **reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:** 9.67

**Certain Key Assumptions**

Valuation Investment return assumption 6.50%  
 Valuation Mortality Table FRS Mortality Rates from 7/1/21 FRS Valuation

**Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**



**Asset and Benefit Payment Projection**  
**Not Reflecting Any Contributions from the Employer, State or Employee**  
**Using Assumptions required under 112.664(1)(a), F.S.**

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2023	1,976,209,020	121,074,562	227,046,915	1,870,236,667
2024	1,870,236,667	114,010,918	232,445,077	1,751,802,508
2025	1,751,802,508	106,054,582	240,387,123	1,617,469,967
2026	1,617,469,967	96,599,228	262,656,006	1,451,413,189
2027	1,451,413,189	85,466,924	273,074,858	1,263,805,255
2028	1,263,805,255	72,784,873	288,075,951	1,048,514,177
2029	1,048,514,177	58,402,226	300,036,785	806,879,618
2030	806,879,618	42,194,307	315,472,879	533,601,046
2031	533,601,046	24,212,953	322,188,160	235,625,839
2032	235,625,839	4,460,324	334,010,954	-
2033	-	-	341,255,531	-
2034	-	-	350,182,279	-
2035	-	-	359,033,522	-
2036	-	-	362,360,167	-
2037	-	-	366,158,820	-
2038	-	-	369,876,515	-
2039	-	-	373,842,828	-
2040	-	-	377,499,518	-
2041	-	-	378,906,704	-
2042	-	-	380,977,078	-
2043	-	-	381,849,469	-
2044	-	-	381,170,944	-
2045	-	-	379,986,844	-
2046	-	-	377,871,797	-
2047	-	-	375,377,844	-
2048	-	-	372,533,637	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, **reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:** 9.67

**Certain Key Assumptions**

Valuation Investment return assumption	6.50%
Valuation Mortality Table	FRS Mortality Rates from 7/1/21 FRS Valuation

**Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**



**Asset and Benefit Payment Projection**  
**Not Reflecting Any Contributions from the Employer, State or Employee**  
**Using Assumptions required under 112.664(1)(b), F.S.**

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2023	1,976,209,020	83,820,850	227,046,915	1,832,982,955
2024	1,832,982,955	77,254,219	232,445,077	1,677,792,097
2025	1,677,792,097	70,091,934	240,387,123	1,507,496,908
2026	1,507,496,908	61,927,601	262,656,006	1,306,768,503
2027	1,306,768,503	52,660,398	273,074,858	1,086,354,043
2028	1,086,354,043	42,404,223	288,075,951	840,682,315
2029	840,682,315	31,079,877	300,036,785	571,725,407
2030	571,725,407	18,629,504	315,472,879	274,882,032
2031	274,882,032	5,120,458	322,188,160	-
2032	-	-	334,010,954	-
2033	-	-	341,255,531	-
2034	-	-	350,182,279	-
2035	-	-	359,033,522	-
2036	-	-	362,360,167	-
2037	-	-	366,158,820	-
2038	-	-	369,876,515	-
2039	-	-	373,842,828	-
2040	-	-	377,499,518	-
2041	-	-	378,906,704	-
2042	-	-	380,977,078	-
2043	-	-	381,849,469	-
2044	-	-	381,170,944	-
2045	-	-	379,986,844	-
2046	-	-	377,871,797	-
2047	-	-	375,377,844	-
2048	-	-	372,533,637	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, **reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:** 8.83

**Certain Key Assumptions**

Valuation Investment return assumption 4.50%  
 Valuation Mortality Table FRS Mortality Rates from 7/1/21 FRS Valuation

**Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**



<b>ACTUARIALLY DETERMINED CONTRIBUTION</b>			
	Plan's Latest Actuarial Valuation	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions
A. Valuation Date	October 1, 2022	October 1, 2022	October 1, 2022
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2024	9/30/2024	9/30/2024
C. Assumed Date of Employer Contributions	12/1/2023	12/1/2023	12/1/2023
D. Expected Covered Payroll for the Year Beginning on the Valuation Date	\$ 162,885,451	\$ 162,885,451	\$ 162,885,451
E. Annual Payment to Amortize the Unfunded Actuarial Liability	97,631,905	97,631,905	138,426,526
F. Employer Normal Cost	72,464,672	72,464,672	131,038,350
G. ADC if Paid on the Valuation Date	170,096,577	170,096,577	269,464,876
H. City Contribution if Paid on the Valuation Date as % of Covered Payroll	170,096,577 104.43 %	170,096,577 104.43 %	269,464,876 165.43 %
I. Assumed Rate of Increase in Covered Payroll to Contribution Year	1.25 %	1.25 %	1.25 %
J. Covered Payroll for Contribution Year	164,921,519	164,921,519	164,921,519
K. City Contribution for Contribution Year*	174,039,920	174,039,920	274,842,091
L. Expected Member Contribution in Contribution Year	17,324,976	17,324,976	17,324,976
M. Total Contributions (from All Sources) in Contribution Year	191,364,896	191,364,896	292,167,067
N. Total Contributions as % of Covered Payroll in Contribution Year	116.03 %	116.03 %	177.16 %
O. Certain Key Assumptions			
Investment Return Assumption	6.50%	6.50%	4.50%
Mortality Table	FRS Mortality Rates from 7/1/21 FRS Valuation	FRS Mortality Rates from 7/1/21 FRS Valuation	FRS Mortality Rates from 7/1/21 FRS Valuation

\* Adjusted for frequency of payments (from October 1, 2023 to December 1, 2023).

