

## Using the Pension Data Center

Fred Nesbitt, FPPTA Media Consultant

Mark Meyer, Partner, Aon



### Pension Data Center Mission

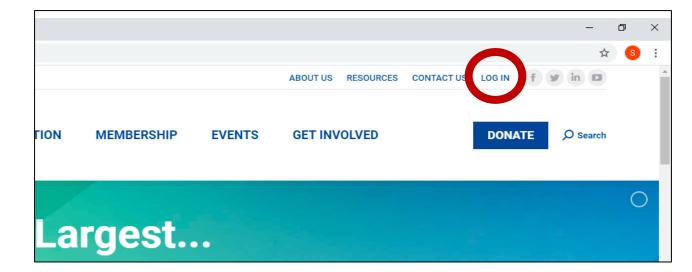
**"The FPPTA Pension Plan Data Center** will provide plan statistics on all FPPTA member plans. It allows members to better understand their plan and make comparisons to other defined benefit FPPTA plans."

### How to Access the Pension Plan Data Center

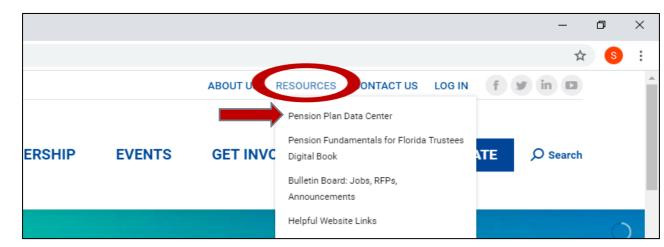
- Step 1: The Pension Plan Data Center is a members' only resource. Go to <u>www.fppta.org</u> and log in to your member account using your username and password.
- Step 2: Once logged into your account, hover your cursor over the Resources menu (top of page) and click on Pension Plan Data Center.
- Step 3: Select the document you want to download and read.

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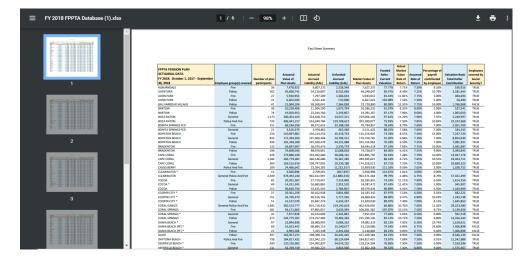


 Step 2: Once logged into your account, hover your cursor over the Resources menu and click on Pension Plan Data Center.



### Documents offered in both PDF and Excel

• Download the **PDF file** for printing, general viewing, and sharing with colleagues or city officials.



 For a deeper dive into the data, searching specific municipalities or terms, and other comparative tools, download the Excel file.

Note: Some Excel features are limited.

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	FPPTA PENSION PLAN							Funded	Actual Market		Percentage	
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	COCOA	Police	115	30,640,756	33,425,563	2,784,807	30,379,434	90.89%	6.41%	7.50%	6.50%	1,1
	COOPER CITY *	Fire	27	26,361,258	30,162,938	3,801,680	26,535,342	87.97%	7.53%	6.50%	3.45%	
1	COOPER CITY *	General	151	34,799,470	40,516,766	5,717,296	36,060,832	89.00%	9.47%	6.80%	10.43%	1,2
ö	COOPER CITY *	Police	.51	31.537.079	35.847.276	4.310.197	31.929.030	89.07%	7.40%	7.00%	8.13%	1.6
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FPPTA PENSION PLAN DATA CENTER:

**Overview and Financial Personality – FY2019** 

Report to the FPPTA membership to help understand the FPPTA members' pension plan statistics and to compare FPPTA plans to all the local defined benefit plans across the State of Florida. The report includes statistical data for three years from FY 2019, 2018 and FY 2017.

Prepared by: Florida Public Pension Trustees Association (FPPTA) October 2021

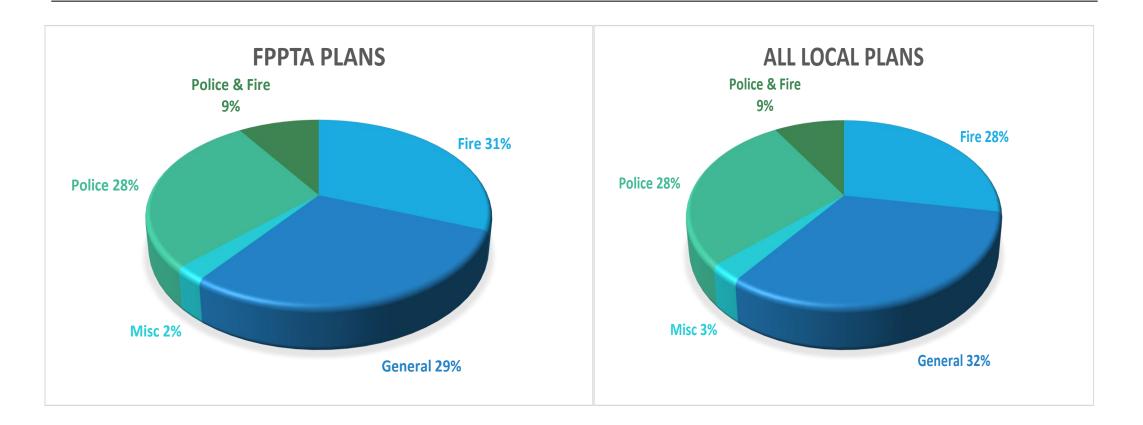


### Elements of the Financial Personality of a Plan

- Plan Name and Employee Group
- Number of Plan Participants
- Plan Status (new)
- Actuarial Value of Plan Assets
- Actuarial Accrued Liability (AAL)
- Unfunded Accrued Liability (UAL)
- Market Value of Assets as of 9/30
- Funded Ratio Current
   Valuation

- Actual Market Value Rate of Return
- Assumed Rate of Return
- Percentage of Payroll Contributed by Employees
- Funding Requirement as Percentage of Payroll (new)
- Valuation Basis Total Dollar Contribution
- Employees Covered by Social Security

### Plan Membership Characteristics



### Change in Plan Participants

ALL LOCAL DB PLANS			
	FY 2017	FY 2018	FY 2019
Number of plan participants	190,173	191,007	191,166
FPPTA PLANS			
	FY 2017	FY 2018	FY 2019
Number of plan participants	116,043	117,020	120,978

### Plan Status

ALL LOCAL DB PLANS				
	Active	Closed	Frozen	% Active
Plan status	369	100	13	77%
FPPTA PLANS				
	Active	Closed	Frozen	% Active
Plan status	223	56	5	79%

### Market Value of Plan Assets

ALL LOCAL DB PLANS			
	FY 2017	FY 2018	FY 2019
Market Value of Plan Assets	\$39.8 billion	\$41.2 billion	\$42.9 billion
FPPTA PLANS			
	FY 2017	FY 2018	FY 2019
Market Value of Plan Assets	\$30.9 billion	\$32.4 billion	\$33.2 billion

### Pre-Funded Ratio

ALL LOCAL DB PLANS			
	FY 2017	FY 2018	FY 2019
Funded Ratio - Current Valuation	93.9%	96.4%	96.5%
FPPTA PLANS			
	FY 2017	FY 2018	FY 2019
Funded Ratio - Current Valuation	83.9%	86.9%	85.5%

### Assumed Rate of Plan Returns

ALL LOCAL DB PLANS			
	FY 2017	FY 2018	FY 2019
Assumed Rate of Return	7.3%	7.3%	7.2%
FPPTA PLANS			
	FY 2017	FY 2018	FY 2019
Assumed Rate of Return	7.5%	7.4%	7.3%

### Market Value Rate of Plan Return

ALL LOCAL DB PLANS			
	FY 2017	FY 2018	FY 2019
Actual Market Value Rate of Return	10.8%	8.3%	4.7%
FPPTA PLANS			
	FY 2017	FY 2018	FY 2019
Actual Market Value Rate of Return	11.4%	8.8%	4.1%

### Actuarial Fact Sheet

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Actuarial_Fact_Sheets-2018.pdf	1 / 10   - 100% +   [	: ()		± ē : _
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	City Name	Plan Type	County Name	1
	ALACHUA COUNTY LIBRARY	General	Alachua	
	ALACHUA COUNTY SCHOOL BOARD	Early Retirement Plan	Alachua	
~	ALTAMONTE SPRINGS	General	Seminole	1
1	ALTAMONTE SPRINGS	Police	Seminole	
	APOPKA	Fire	Orange	
	APOPKA	General	Orange	
	APOPKA	Police	Orange	
	ARCADIA	General	De Soto	
	ARCADIA	Police And Fire	De Soto	
	ATLANTIC BEACH	General	Duval	
	ATLANTIC BEACH	Police	Duval	
	ATLANTIS	Police	Palm Beach	
	AUBURNDALE	Fire	Polk	
	AUBURNDALE	General	Polk	
	AUBURNDALE	Police	Polk	
2	AVENTURA	Police	Miami-Dade	
	AVON PARK	Fire	Highlands	
	AVON PARK	Police	Highlands	
	BAL HARBOUR VILLAGE	General	Miami-Dade	
	BAL HARBOUR VILLAGE	Police	Miami-Dade	
	BARTOW	Fire	Polk	
	BARTOW	General	Polk	
	BARTOW	Police	Polk	
	BAY HARBOR ISLANDS	General	Miami-Dade	
	BAY HARBOR ISLANDS	Police	Miami-Dade	
	BAY MEDICAL CENTER	General	Bay	
3	BELLE GLADE	General	Palm Beach	
	BELLE GLADE (RETIRED)	Police And Fire	Palm Beach	
· · · · · · · · · · · · · · · · · · ·	BELLE GLADE HOUSING	General	Palm Beach	-
	DELLEAD	Deller	Discullan	

#### SAMPLE ACTUARIAL FACT SHEET

City/District Name: Boynton Beach Current actuarial valuation date: 10/1/2019	yee group(s) covered: Police Active Date prepared: 1/	14/2021		
Number of plan participants:	295	GASB 67 Reporting		
Actuarial Value of Plan Assets (AVA):	\$108,078,649	Discount Rate	7.25%	
Actuarial Accrued Liability (AAL):	\$152,640,260	Total Pension Liability	151,965,967	
Unfunded Accrued Liability (UAL):	\$44,561,611	Market Value of Plan Assets Net Pension Liability	107,146,116	
Market Value of Plan Assets (MVA):	\$107,300,912	GASB 67 Funded Ratio	44,819,851 70.51%	
MVA Funded Ratio (5-year history):		Averages for all plans wir current actuarial valuation		
Current valuation	70.30%	86.62%		
1 year prior	70.18%	88.75%	*	
2 years prior	69.00%	85.83%	*	
3 years prior	68.16%	82.35%	*	
4 years prior	66.30%	82.16%	*	
Rate of Actuarial Value, Actual (2019 Plan Ye	ear) 6.73%	7.12%		
Return: Market Value, Actual	5.17%	3.94%		
Assumed	7.25%	7.19%		
Funding requirement as percentage of payr	oll: 63.19%	59.70% **		
Percentage of payroll contributed by employ	yee: 7.00%	6.47%	**	
Funding requirement as dollar amount:	7,092,483	N/A		
AFC Averaging Period (years):	3.00% X AFC X SC 5 /es			

Additional actuarial disclosures required by section 112.664, Florida Statutes:

Florida Statute Chapter	Discount Rate	Pension Liability	Market Value of Plan Assets	Net Pension Liability	Years assets sustain benefit payments	Total Dollar Contribution	Total % of Pay Contribution
112.664(1)(a)	7.25%	151,965,967	107,146,116	44,819,851	17.42	7,269,849	63.19
112.664(1)(b)	5.25%	188,389,240	107,146,116	81,243,124	14.17	10,967,475	95.33
Valuation Basis	7.25%	N/A	N/A	N/A	17.42	7,269,849	63.19
Link to annual	financial sta	atements:		https://frs.fl.gov	/forms/LOC5	5340083PDF10	012019N1.pdf

\*Adjusted by excluding plans from average whose Funded Ratios were not within two standard deviations from the mean \*\*Excludes plans with zero payroll

(For explanation of terms, see glossary on page 2)

Actuari	al Summary Fact Sheet – Glossary of Terms
Actuarial Value of Plan Assets (AVA)	Assets calculated under an asset valuation method smoothing the effects of volatility in market value of assets. Used to determine employer contribution
Actuarial Accrued Liability (AAL):	Portion of Present Value of Fully Projected Benefits attributable to service credit earned as of the current actuarial valuation date.
Unfunded Accrued Liability (UAL):	The difference between the actuarial accrued liability and the actuarial value of assets accumulated to finance the obligation.
Market Value of Plan Assets (MVA):	The fair market value of assets, including DROP accounts.
MVA Funded Ratio:	Market Value of Plan Assets divided by Actuarial Accrued Liability (GASB)
Rate of Return (Assumed):	Assumed long-term rate of return on the pension fund assets.
Funding requirement as percentage of payroll:	Total Required Contribution (employer and employee) divided by total payroll of active participants. No interest adjustment is included.
AFC:	Average Final Compensation or some variant of compensation (e.g., AME [Average Monthly Earnings], FAC [Final Average Compensation], FMC [Final Monthly Compensation] etc.)
SC:	Service Credit
	Section 112.664 – Glossary of Terms
Florida Statute Chapter:	112.664(1)(a) – uses mortality tables used in either of the two most recently published FRS valuation reports, with projection scale for mortality improvement
	112.664(1)(b) – uses same mortality assumption as 112.664(1)(a) but using an assumed discount rate equal to 200 basis points (2.00%) less than plan's assumed rate of return.
	Valuation Basis – uses all the assumptions in the plan's valuation as of the current actuarial valuation date.
Discount Rate:	Rate used to discount the liabilities. Typically the same as assumed rate of return on assets.
Total Pension Liability:	Actuarial Accrued Liability measured using the appropriate assumptions as specified above and the Traditional Individual Entry Age Normal Cost
Net Pension Liability:	Total Pension Liability minus Market Value of Plan Assets.
Years assets sustain benefit payments:	Assuming no future contributions from any source, the number of years the market value of assets will sustain payment of expected retirement benefits. The number of years will vary based on the Florida Statute Chapter assumption.
Total Dollar Contribution:	Required contribution from all sources (i.e., employee and sponsor). Contribution will vary based on the Florida Statute Chapter assumption.
Total % of Pay Contribution:	Total Dollar Contribution divided by total payroll of active participants
Annual financial statements:	A report issued which covers a local government retirement system or plan to satisfy the financial reporting requirements of section 112.664(1), F.S.

#### FPPTA PENSION PLAN DATA CENTER:

Pension Plan Asset Allocation – FY2019

Report to the FPPTA membership to help understand the FPPTA members' pension plan investment allocations of FPPTA plans compared to all the local defined benefit plans across the State of Florida. The report includes data for from FY 2019.

Prepared by: Florida Public Pension Trustees Association (FPPTA) October 2021

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# Pension Plan Asset Allocation – FY2019

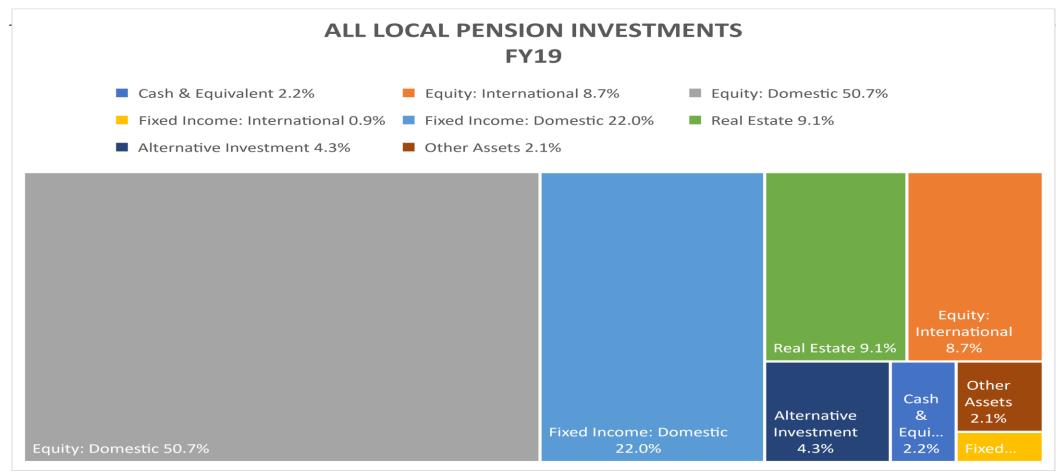
### FIVE MAJOR ASSET CLASSES

- 1. Equities
- 2. Fixed Income
- 3. Real Estate
- 4. Alternative Investments
- 5. Cash

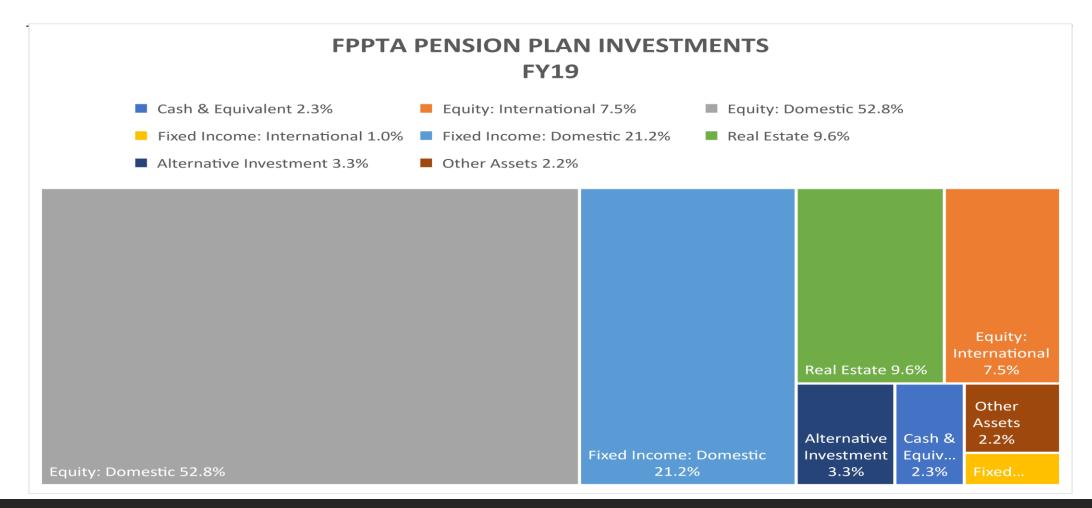
### State Asset Classifications

- 1. Cash & Equivalents
- 2. Equity: International
- 3. Equity: Domestic
- 4. Fixed Income: International
- 5. Fixed Income: Domestic
- 6. Real Estate
- 7. Alternative Investment
- 8. Other Assets

### Pension Plan Allocation



### Pension Plan Allocation



### Public Fund Survey

Public Fund Survey, conducted by the National Association of State Retirement Administrators, the average public pension fund asset allocation is:

Public equities: 47.1% Fixed income: 24.0% Real estate: 7.4% Alternative investments: 19.4% Cash & Other: 2.0%

### Research Reports Available

### "OVERVIEW AND FINANCIAL PERSONALITY – FY2019" (2021) "OVERVIEW AND FINANCIAL PERSONALITY" (For FY2017 and FY2018) "PENSION PLAN ASSET ALLOCATION – FY2019"

### Data Files Available

FY2019 FPPTA MEMBER DATA
 FY2018 FPPTA MEMBER DATA
 FY2017 FPPTA MEMBER DATA
 ACTUARIAL FACT SHEET
 RETIREMENT BENEFIT
 SUMMARY

OTHER RETIREMENT BENEFITS
INVENTORY OF MUNICIPALITIES
POPULATION DATA
2020 FIREFIGHTER 175 FUNDING
2020 POLICE 185 FUNDING

### Role of the Trustee

**#1** – Approve an investment and strategy that outline the asset allocation

**#2** – Set the assumed rate of return for the plan in consultation with the actuary and investment consultant

### Using the Data Center Data

Compare your plan with other Florida plans of similar size, composition or area

Improve your plan's numbers through communications with other plans (FPPTA) and your advisors

Explain your plan's situation