

TOWN OF PALM BEACH RETIREMENT SYSTEM
CHAPTER 112.664, F.S. COMPLIANCE REPORT
COMBINED REPORT FOR GENERAL EMPLOYEES
INCLUDING OCEAN RESCUE, POLICE OFFICERS AND
FIREFIGHTERS
FOR THE YEAR ENDING SEPTEMBER 30, 2014



June 29, 2015

Board of Trustees
Town of Palm Beach Retirement System
Palm Beach, Florida

Dear Board Members:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the Town of Palm Beach Retirement System 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 Town and the Board only in its entirety and only with the permission of the Town and 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 or other information through September 30, 2014. 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 System'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 Town and the Board concerning System 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 Town.

This report was prepared using certain assumptions prescribed by the Board as described in the actuarial valuation report dated February 10, 2015 and the GASB 67 report dated February 17, 2015.

Note: As required in Section 112.664(c) of the Florida Statutes, the projections of the System assets on pages 13-16 do not include contributions from the employer, employee or state. For this reason, these projections should not be viewed as a representation of the amount of time the System can sustain benefit payments. Under the GASB standards which do include contributions from the employer, employee and State, the System is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

Board of Trustees
June 29, 2015
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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 System 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. 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 the signed actuaries or under their direct supervision, and they acknowledge responsibility for the results. To the best of their knowledge, the results are complete and accurate, and in their opinion, meet the requirements of Section 112.664(1), F.S. and Section 60T-1.0035, F.A.C.

Brad Lee Armstrong and Jeffrey T. Tebeau are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,



Brad L. Armstrong
ASA, EA, MAAA



Jeffrey T. Tebeau
ASA, MAAA

BLA/JTT:

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

General Employees
Including
Ocean Rescue

Fiscal year ending September 30,

2014

1. Total pension liability

a. Service Cost	\$	733,094
b. Interest		7,058,622
c. Benefit Changes		-
d. Difference Between Expected and Actual Experience		-
e. Assumption Changes		-
f. Benefit Payments		(5,289,162)
g. Contribution Refunds		(16,118)
h. Other		-
i. Net Change in Total Pension Liability		2,486,436
j. Total Pension Liability - Beginning		91,884,309
k. DROP Accounts - Beginning		4,516,750
l. Total Pension Liability - Ending	\$	98,887,495

2. Plan Fiduciary Net Position

a. Contributions - Employer	\$	2,018,621
b. Contributions - Non-Employer Contributing Entity		-
c. Contributions - Member		289,425
d. Net Investment Income		5,555,910
e. Benefit Payments		(5,289,162)
f. Contribution Refunds		(16,118)
g. Administrative Expense		(162,070)
h. Other		-
i. Net Change in Plan Fiduciary Net Position		2,396,606
j. Plan Fiduciary Net Position - Beginning		77,995,357
k. Prior Year Adjustment		4,516,750
l. Plan Fiduciary Net Position - Ending	\$	84,908,713

3. Net Pension Liability / (Asset)

13,978,783

Certain Key Assumptions

Investment Return Assumption

7.50%

Mortality Table

RP-2000 Combined Healthy
mortality table for males
and females

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

General Employees
Including
Ocean Rescue

Fiscal year ending September 30,

2014

1. Total pension liability

a. Service Cost	\$ 781,506
b. Interest	7,355,135
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,289,162)
g. Contribution Refunds	(16,118)
h. Other	-
i. Net Change in Total Pension Liability	2,831,361
j. Total Pension Liability - Beginning	95,813,602
k. DROP Accounts - Beginning	4,516,750
l. Total Pension Liability - Ending	\$ 103,161,712

2. Plan Fiduciary Net Position

a. Contributions - Employer	\$ 2,018,621
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	289,425
d. Net Investment Income	5,555,910
e. Benefit Payments	(5,289,162)
f. Contribution Refunds	(16,118)
g. Administrative Expense	(162,070)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	2,396,606
j. Plan Fiduciary Net Position - Beginning	77,995,357
k. Prior Year Adjustment	4,516,750
l. Plan Fiduciary Net Position - Ending	\$ 84,908,713

3. Net Pension Liability / (Asset) 18,252,999

Certain Key Assumptions

Investment Return Assumption	7.50%
Mortality Table	RP-2000 fully generational using Scale AA

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

General Employees
Including
Ocean Rescue

Fiscal year ending September 30,

2014

1. Total pension liability

a. Service Cost	\$ 1,210,414
b. Interest	6,825,928
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,289,162)
g. Contribution Refunds	(16,118)
h. Other	-
i. Net Change in Total Pension Liability	2,731,062
j. Total Pension Liability - Beginning	121,638,464
k. DROP Accounts - Beginning	4,516,750
l. Total Pension Liability - Ending	\$ 128,886,275

2. Plan Fiduciary Net Position

a. Contributions - Employer	\$ 2,018,621
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	289,425
d. Net Investment Income	5,555,910
e. Benefit Payments	(5,289,162)
f. Contribution Refunds	(16,118)
g. Administrative Expense	(162,070)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	2,396,606
j. Plan Fiduciary Net Position - Beginning	77,995,357
k. Prior Year Adjustment	4,516,750
l. Plan Fiduciary Net Position - Ending	\$ 84,908,713

3. Net Pension Liability / (Asset) 43,977,562

Certain Key Assumptions

Investment Return Assumption	5.50%
Mortality Table	RP-2000 fully generational using Scale AA

**Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions required under 112.664(1)(b), F.S.
Except 2% higher investment return assumption**

General Employees
Including
Ocean Rescue

Fiscal year ending September 30,

2014

1. Total pension liability

a. Service Cost	\$ 526,648
b. Interest	7,606,997
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,289,162)
g. Contribution Refunds	(16,118)
h. Other	-
i. Net Change in Total Pension Liability	2,828,365
j. Total Pension Liability - Beginning	77,946,214
k. DROP Accounts - Beginning	4,516,750
l. Total Pension Liability - Ending	\$ 85,291,329

2. Plan Fiduciary Net Position

a. Contributions - Employer	\$ 2,018,621
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	289,425
d. Net Investment Income	5,555,910
e. Benefit Payments	(5,289,162)
f. Contribution Refunds	(16,118)
g. Administrative Expense	(162,070)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	2,396,606
j. Plan Fiduciary Net Position - Beginning	77,995,357
k. Prior Year Adjustment	4,516,750
l. Plan Fiduciary Net Position - Ending	\$ 84,908,713

3. Net Pension Liability / (Asset) 382,616

Certain Key Assumptions

Investment Return Assumption	9.50%
Mortality Table	RP-2000 fully generational using Scale AA

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

	Police Officers
	<u>2014</u>
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 311,681
b. Interest	6,321,297
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(4,690,744)
g. Contribution Refunds	(12,726)
h. Other	-
i. Net Change in Total Pension Liability	<u>1,929,508</u>
j. Total Pension Liability - Beginning	<u>82,415,628</u>
k. DROP Accounts - Beginning	<u>4,064,231</u>
l. Total Pension Liability - Ending	<u><u>\$ 88,409,367</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 1,979,219
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	108,250
d. Net Investment Income	4,772,981
e. Benefit Payments	(4,690,744)
f. Contribution Refunds	(12,726)
g. Administrative Expense	(128,668)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>2,028,312</u>
j. Plan Fiduciary Net Position - Beginning	<u>61,920,948</u>
k. Prior Year Adjustment	<u>4,064,231</u>
l. Plan Fiduciary Net Position - Ending	<u><u>\$ 68,013,491</u></u>
3. Net Pension Liability / (Asset)	20,395,876

Certain Key Assumptions

Investment Return Assumption	7.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females

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

	Police Officers
	2014
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 322,546
b. Interest	6,578,207
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(4,690,744)
g. Contribution Refunds	(12,726)
h. Other	-
i. Net Change in Total Pension Liability	<u>2,197,283</u>
j. Total Pension Liability - Beginning	<u>85,835,660</u>
k. DROP Accounts - Beginning	<u>4,064,231</u>
l. Total Pension Liability - Ending	<u><u>\$ 92,097,174</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 1,979,219
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	108,250
d. Net Investment Income	4,772,981
e. Benefit Payments	(4,690,744)
f. Contribution Refunds	(12,726)
g. Administrative Expense	(128,668)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>2,028,312</u>
j. Plan Fiduciary Net Position - Beginning	<u>61,920,948</u>
k. Prior Year Adjustment	<u>4,064,231</u>
l. Plan Fiduciary Net Position - Ending	<u><u>\$ 68,013,491</u></u>
3. Net Pension Liability / (Asset)	24,083,683

Certain Key Assumptions

Investment Return Assumption

7.50%

Mortality Table

RP-2000 fully generational
using Scale AA

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

	Police Officers
	2014
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 507,772
b. Interest	6,222,807
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(4,690,744)
g. Contribution Refunds	(12,726)
h. Other	-
i. Net Change in Total Pension Liability	<u>2,027,109</u>
j. Total Pension Liability - Beginning	<u>111,175,559</u>
k. DROP Accounts - Beginning	<u>4,064,231</u>
l. Total Pension Liability - Ending	<u><u>\$ 117,266,899</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 1,979,219
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	108,250
d. Net Investment Income	4,772,981
e. Benefit Payments	(4,690,744)
f. Contribution Refunds	(12,726)
g. Administrative Expense	(128,668)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>2,028,312</u>
j. Plan Fiduciary Net Position - Beginning	<u>61,920,948</u>
k. Prior Year Adjustment	<u>4,064,231</u>
l. Plan Fiduciary Net Position - Ending	<u><u>\$ 68,013,491</u></u>
3. Net Pension Liability / (Asset)	49,253,408

Certain Key Assumptions

Investment Return Assumption	5.50%
Mortality Table	RP-2000 fully generational using Scale AA

**Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions required under 112.664(1)(b), F.S.
Except 2% higher investment return assumption**

	Police Officers
	2014
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 212,346
b. Interest	6,726,619
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(4,690,744)
g. Contribution Refunds	(12,726)
h. Other	-
i. Net Change in Total Pension Liability	2,235,495
j. Total Pension Liability - Beginning	68,987,848
k. DROP Accounts - Beginning	4,064,231
l. Total Pension Liability - Ending	\$ 75,287,575
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 1,979,219
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	108,250
d. Net Investment Income	4,772,981
e. Benefit Payments	(4,690,744)
f. Contribution Refunds	(12,726)
g. Administrative Expense	(128,668)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	2,028,312
j. Plan Fiduciary Net Position - Beginning	61,920,948
k. Prior Year Adjustment	4,064,231
l. Plan Fiduciary Net Position - Ending	\$ 68,013,491
3. Net Pension Liability / (Asset)	7,274,084

Certain Key Assumptions

Investment Return Assumption	9.50%
Mortality Table	RP-2000 fully generational using Scale AA

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

	Firefighters
	2014
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 281,248
b. Interest	6,324,999
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,101,421)
g. Contribution Refunds	(21,692)
h. Other	-
i. Net Change in Total Pension Liability	1,483,134
j. Total Pension Liability - Beginning	82,218,000
k. DROP and Share Accounts - Beginning	4,536,252
l. Total Pension Liability - Ending	<u>\$ 88,237,386</u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 2,071,503
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	154,199
d. Net Investment Income	4,125,621
e. Benefit Payments	(5,101,421)
f. Contribution Refunds	(21,692)
g. Administrative Expense	(121,652)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	1,106,558
j. Plan Fiduciary Net Position - Beginning	57,436,358
k. Prior Year Adjustment	4,536,252
l. Plan Fiduciary Net Position - Ending	<u>\$ 63,079,168</u>
3. Net Pension Liability / (Asset)	25,158,218

Certain Key Assumptions

Investment Return Assumption	7.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females

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

	Firefighters
	<u>2014</u>
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 284,117
b. Interest	6,525,429
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,101,421)
g. Contribution Refunds	(21,692)
h. Other	-
i. Net Change in Total Pension Liability	<u>1,686,433</u>
j. Total Pension Liability - Beginning	<u>84,888,965</u>
k. DROP and Share Accounts - Beginning	<u>4,536,252</u>
l. Total Pension Liability - Ending	<u>\$ 91,111,650</u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 2,071,503
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	154,199
d. Net Investment Income	4,125,621
e. Benefit Payments	(5,101,421)
f. Contribution Refunds	(21,692)
g. Administrative Expense	(121,652)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>1,106,558</u>
j. Plan Fiduciary Net Position - Beginning	<u>57,436,358</u>
k. Prior Year Adjustment	<u>4,536,252</u>
l. Plan Fiduciary Net Position - Ending	<u>\$ 63,079,168</u>
3. Net Pension Liability / (Asset)	28,032,482

Certain Key Assumptions

Investment Return Assumption	7.50%
Mortality Table	RP-2000 fully generational using Scale AA

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

	Firefighters
	<u>2014</u>
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 442,091
b. Interest	6,199,427
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,101,421)
g. Contribution Refunds	(21,692)
h. Other	-
i. Net Change in Total Pension Liability	<u>1,518,405</u>
j. Total Pension Liability - Beginning	<u>110,521,119</u>
k. DROP and Share Accounts - Beginning	<u>4,536,252</u>
l. Total Pension Liability - Ending	<u><u>\$ 116,575,777</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 2,071,503
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	154,199
d. Net Investment Income	4,125,621
e. Benefit Payments	(5,101,421)
f. Contribution Refunds	(21,692)
g. Administrative Expense	(121,652)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>1,106,558</u>
j. Plan Fiduciary Net Position - Beginning	<u>57,436,358</u>
k. Prior Year Adjustment	<u>4,536,252</u>
l. Plan Fiduciary Net Position - Ending	<u><u>\$ 63,079,168</u></u>
3. Net Pension Liability / (Asset)	53,496,609

Certain Key Assumptions

Investment Return Assumption	5.50%
Mortality Table	RP-2000 fully generational using Scale AA

**Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions required under 112.664(1)(b), F.S.
Except 2% higher investment return assumption**

	Firefighters
	<u>2014</u>
Fiscal year ending September 30,	
1. Total pension liability	
a. Service Cost	\$ 176,386
b. Interest	6,662,946
c. Benefit Changes	-
d. Difference Between Expected and Actual Experience	-
e. Assumption Changes	-
f. Benefit Payments	(5,101,421)
g. Contribution Refunds	(21,692)
h. Other	-
i. Net Change in Total Pension Liability	<u>1,716,219</u>
j. Total Pension Liability - Beginning	<u>68,073,384</u>
k. DROP Accounts - Beginning	<u>4,536,252</u>
l. Total Pension Liability - Ending	<u>\$ 74,325,855</u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 2,071,503
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	154,199
d. Net Investment Income	4,125,621
e. Benefit Payments	(5,101,421)
f. Contribution Refunds	(21,692)
g. Administrative Expense	(121,652)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>1,106,558</u>
j. Plan Fiduciary Net Position - Beginning	<u>57,436,358</u>
k. Prior Year Adjustment	<u>4,536,252</u>
l. Plan Fiduciary Net Position - Ending	<u>\$ 63,079,168</u>
3. Net Pension Liability / (Asset)	11,246,687

Certain Key Assumptions

Investment Return Assumption	9.50%
Mortality Table	RP-2000 fully generational using Scale AA

**Asset and Benefit Payment Projection
Not Reflecting Any Contributions from the Employer, State or Employee
Using Financial Reporting Assumptions per GASB Statement No. 67**

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2015	\$ 201,652,911	\$ 14,484,294	\$ 17,057,974	\$ 199,079,231
2016	199,079,231	14,257,015	17,971,389	195,364,857
2017	195,364,857	13,964,793	18,335,242	190,994,409
2018	190,994,409	13,621,715	18,743,084	185,873,039
2019	185,873,039	13,222,293	19,151,595	179,943,738
2020	179,943,738	12,760,004	19,620,710	173,083,032
2021	173,083,032	12,229,434	20,047,834	165,264,631
2022	165,264,631	11,631,069	20,367,416	156,528,285
2023	156,528,285	10,964,362	20,673,586	146,819,060
2024	146,819,060	10,227,054	20,916,683	136,129,431
2025	136,129,431	9,412,814	21,250,481	124,291,764
2026	124,291,764	8,515,955	21,491,383	111,316,336
2027	111,316,336	7,534,837	21,703,679	97,147,494
2028	97,147,494	6,467,697	21,823,080	81,792,111
2029	81,792,111	5,314,365	21,867,825	65,238,651
2030	65,238,651	4,070,662	21,926,311	47,383,001
2031	47,383,001	2,727,935	22,021,075	28,089,861
2032	28,089,861	1,280,023	22,045,778	7,324,106
2033	7,324,106	-	22,052,209	-
2034	-	-	21,968,948	-
2035	-	-	21,859,633	-
2036	-	-	21,796,434	-
2037	-	-	21,639,644	-
2038	-	-	21,399,474	-
2039	-	-	21,208,299	-
2040	-	-	20,975,395	-

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: 18.33

Certain Key Assumptions

Valuation Investment return assumption 7.50%
Valuation Mortality Table RP-2000 Combined Healthy mortality table for males and females

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)
2015	\$ 201,652,911	\$ 14,484,065	\$ 17,064,080	\$ 199,072,896
2016	199,072,896	14,255,712	17,993,462	195,335,147
2017	195,335,147	13,960,957	18,378,115	190,917,988
2018	190,917,988	13,613,453	18,810,554	185,720,887
2019	185,720,887	13,207,234	19,248,870	179,679,252
2020	179,679,252	12,735,177	19,753,774	172,660,655
2021	172,660,655	12,191,248	20,221,352	164,630,552
2022	164,630,552	11,575,360	20,584,848	155,621,064
2023	155,621,064	10,886,358	20,939,248	145,568,174
2024	145,568,174	10,121,308	21,234,790	134,454,692
2025	134,454,692	9,273,026	21,628,687	122,099,031
2026	122,099,031	8,334,877	21,934,668	108,499,240
2027	108,499,240	7,304,332	22,216,283	93,587,290
2028	93,587,290	6,178,667	22,410,113	77,355,844
2029	77,355,844	4,956,606	22,535,535	59,776,916
2030	59,776,916	3,632,723	22,681,224	40,728,415
2031	40,728,415	2,197,059	22,868,586	20,056,888
2032	20,056,888	642,046	22,992,539	-
2033	-	-	23,103,435	-
2034	-	-	23,129,477	-
2035	-	-	23,137,198	-
2036	-	-	23,193,741	-
2037	-	-	23,159,854	-
2038	-	-	23,045,362	-
2039	-	-	22,982,659	-
2040	-	-	22,879,701	-

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: 17.83

Certain Key Assumptions

Valuation Investment return assumption 7.50%
 Valuation Mortality Table RP-2000 fully generational using Scale AA

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)
2015	\$ 201,652,911	\$ 10,621,648	\$ 17,064,080	\$ 195,210,479
2016	195,210,479	10,241,756	17,993,462	187,458,773
2017	187,458,773	9,804,834	18,378,115	178,885,492
2018	178,885,492	9,321,412	18,810,554	169,396,350
2019	169,396,350	8,787,455	19,248,870	158,934,935
2020	158,934,935	8,198,193	19,753,774	147,379,354
2021	147,379,354	7,549,777	20,221,352	134,707,780
2022	134,707,780	6,842,845	20,584,848	120,965,777
2023	120,965,777	6,077,288	20,939,248	106,103,817
2024	106,103,817	5,251,753	21,234,790	90,120,780
2025	90,120,780	4,361,854	21,628,687	72,853,947
2026	72,853,947	3,403,764	21,934,668	54,323,043
2027	54,323,043	2,376,820	22,216,283	34,483,580
2028	34,483,580	1,280,319	22,410,113	13,353,785
2029	13,353,785	114,731	22,535,535	-
2030	-	-	22,681,224	-
2031	-	-	22,868,586	-
2032	-	-	22,992,539	-
2033	-	-	23,103,435	-
2034	-	-	23,129,477	-
2035	-	-	23,137,198	-
2036	-	-	23,193,741	-
2037	-	-	23,159,854	-
2038	-	-	23,045,362	-
2039	-	-	22,982,659	-
2040	-	-	22,879,701	-

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: 14.58

Certain Key Assumptions

Valuation Investment return assumption 5.50%
 Valuation Mortality Table RP-2000 fully generational using Scale AA

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.
Except 2% higher investment return assumption

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2015	\$ 201,652,911	\$ 18,346,483	\$ 17,064,080	\$ 202,935,314
2016	202,935,314	18,424,165	17,993,462	203,366,017
2017	203,366,017	18,446,811	18,378,115	203,434,713
2018	203,434,713	18,432,796	18,810,554	203,056,955
2019	203,056,955	18,376,089	19,248,870	202,184,175
2020	202,184,175	18,269,192	19,753,774	200,699,594
2021	200,699,594	18,105,947	20,221,352	198,584,189
2022	198,584,189	17,887,718	20,584,848	195,887,059
2023	195,887,059	17,614,656	20,939,248	192,562,467
2024	192,562,467	17,284,782	21,234,790	188,612,459
2025	188,612,459	16,890,821	21,628,687	183,874,593
2026	183,874,593	16,426,190	21,934,668	178,366,114
2027	178,366,114	15,889,507	22,216,283	172,039,339
2028	172,039,339	15,279,257	22,410,113	164,908,483
2029	164,908,483	14,595,868	22,535,535	156,968,816
2030	156,968,816	13,834,679	22,681,224	148,122,272
2031	148,122,272	12,985,358	22,868,586	138,239,045
2032	138,239,045	12,040,564	22,992,539	127,287,069
2033	127,287,069	10,994,858	23,103,435	115,178,493
2034	115,178,493	9,843,307	23,129,477	101,892,322
2035	101,892,322	8,580,754	23,137,198	87,335,878
2036	87,335,878	7,195,206	23,193,741	71,337,343
2037	71,337,343	5,676,955	23,159,854	53,854,443
2038	53,854,443	4,021,517	23,045,362	34,830,599
2039	34,830,599	2,217,231	22,982,659	14,065,170
2040	14,065,170	249,405	22,879,701	-

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: 25.58

Certain Key Assumptions

Valuation Investment return assumption 9.50%
 Valuation Mortality Table RP-2000 fully generational using Scale AA

Town of Palm Beach Retirement System

ACTUARIALLY DETERMINED CONTRIBUTION - GENERAL EMPLOYEES				
	GASB No. 67 Assumptions	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions	112.664(1)(b) F.S. except 2% higher investment return assumption
A. Valuation Date	September 30, 2014	September 30, 2014	September 30, 2014	September 30, 2014
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2016	9/30/2016	9/30/2016	9/30/2016
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	Quarterly	Quarterly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 1,284,080	\$ 1,502,089	\$ 2,368,111	\$ 567,291
E. Total Normal Cost	<u>901,191</u>	<u>950,798</u>	<u>1,377,979</u>	<u>696,046</u>
F. ADC: D + E	\$ 2,185,271	\$ 2,452,887	\$ 3,746,090	\$ 1,263,337
G. As a % of Covered Payroll	21.03 %	23.61 %	36.05 %	12.16 %
H. Assumed Rate of Increase in Covered Payroll to Contribution Year	5.30 %	5.30 %	5.30 %	5.30 %
I. Covered Payroll for Contribution Year	\$ 10,391,206	\$ 10,391,206	\$ 10,391,206	\$ 10,391,206
J. ADC for Contribution Year: G x I	2,185,271	2,452,887	3,746,090	1,263,337
K. Allowable Credit for State Revenue in Contribution Year	0	0	0	0
L. Member Contributions	<u>276,406</u>	<u>276,406</u>	<u>276,406</u>	<u>276,406</u>
M. Employer ADC in Contribution Year	\$ 1,908,865	\$ 2,176,481	\$ 3,469,683	\$ 986,931
N. Employer ADC as % of Covered Payroll in Contribution Year: M ÷ I	18.37 %	20.95 %	33.39 %	9.50 %
O. Certain Key Assumptions				
Investment Return Assumption	7.50%	7.50%	5.50%	9.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA

Town of Palm Beach Retirement System

ACTUARIALLY DETERMINED CONTRIBUTION - OCEAN RESCUE				
	GASB No. 67 Assumptions	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions	112.664(1)(b) F.S. except 2% higher investment return assumption
A. Valuation Date	September 30, 2014	September 30, 2014	September 30, 2014	September 30, 2014
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2016	9/30/2016	9/30/2016	9/30/2016
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	Quarterly	Quarterly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 136,161	\$ 148,370	\$ 190,780	\$ 104,242
E. Total Normal Cost	<u>29,151</u>	<u>30,612</u>	<u>50,324</u>	<u>19,912</u>
F. ADC: D + E	\$ 165,312	\$ 178,982	\$ 241,103	\$ 124,155
G. As a % of Covered Payroll	75.95 %	82.23 %	110.77 %	57.04 %
H. Assumed Rate of Increase in Covered Payroll to Contribution Year	5.30 %	5.30 %	5.30 %	5.30 %
I. Covered Payroll for Contribution Year	\$ 217,660	\$ 217,660	\$ 217,660	\$ 217,660
J. ADC for Contribution Year: G x I	165,312	178,982	241,103	124,155
K. Allowable Credit for State Revenue in Contribution Year	0	0	0	0
L. Member Contributions	<u>7,901</u>	<u>7,901</u>	<u>7,901</u>	<u>7,901</u>
M. Employer ADC in Contribution Year	\$ 157,411	\$ 171,081	\$ 233,202	\$ 116,254
N. Employer ADC as % of Covered Payroll in Contribution Year: M ÷ I	72.32 %	78.60 %	107.14 %	53.41 %
O. Certain Key Assumptions				
Investment Return Assumption	7.50%	7.50%	5.50%	9.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA

Town of Palm Beach Retirement System

ACTUARIALLY DETERMINED CONTRIBUTION - POLICE OFFICERS				
	GASB No. 67 Assumptions	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions	112.664(1)(b) F.S. except 2% higher investment return assumption
A. Valuation Date	September 30, 2014	September 30, 2014	September 30, 2014	September 30, 2014
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2016	9/30/2016	9/30/2016	9/30/2016
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	Quarterly	Quarterly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 1,911,082	\$ 2,087,026	\$ 2,921,132	\$ 1,236,084
E. Total Normal Cost	<u>410,430</u>	<u>428,749</u>	<u>597,192</u>	<u>328,218</u>
F. ADC: D + E	\$ 2,321,512	\$ 2,515,775	\$ 3,518,324	\$ 1,564,301
G. As a % of Covered Payroll	65.73 %	71.23 %	99.62 %	44.29 %
H. Assumed Rate of Increase in Covered Payroll to Contribution Year	5.30 %	5.30 %	5.30 %	5.30 %
I. Covered Payroll for Contribution Year	\$ 3,531,889	\$ 3,531,889	\$ 3,531,889	\$ 3,531,889
J. ADC for Contribution Year: G x I	2,321,512	2,515,775	3,518,324	1,564,301
K. Allowable Credit for State Revenue in Contribution Year	0	0	0	0
L. Member Contributions	<u>88,297</u>	<u>88,297</u>	<u>88,297</u>	<u>88,297</u>
M. Employer ADC in Contribution Year	\$ 2,233,214	\$ 2,427,477	\$ 3,430,027	\$ 1,476,004
N. Employer ADC as % of Covered Payroll in Contribution Year: M ÷ I	63.23 %	68.73 %	97.12 %	41.79 %
O. Certain Key Assumptions				
Investment Return Assumption	7.50%	7.50%	5.50%	9.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA

Town of Palm Beach Retirement System

ACTUARIALLY DETERMINED CONTRIBUTION - FIREFIGHTERS				
	GASB No. 67 Assumptions	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions	112.664(1)(b) F.S. except 2% higher investment return assumption
A. Valuation Date	September 30, 2014	September 30, 2014	September 30, 2014	September 30, 2014
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2016	9/30/2016	9/30/2016	9/30/2016
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	Quarterly	Quarterly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 2,064,863	\$ 2,227,558	\$ 3,037,407	\$ 1,418,028
E. Total Normal Cost	<u>370,508</u>	<u>388,228</u>	<u>548,467</u>	<u>294,852</u>
F. ADC: D + E	\$ 2,435,370	\$ 2,615,785	\$ 3,585,874	\$ 1,712,880
G. As a % of Covered Payroll	67.96 %	72.99 %	100.07 %	47.80 %
H. Assumed Rate of Increase in Covered Payroll to Contribution Year	5.30 %	5.30 %	5.30 %	5.30 %
I. Covered Payroll for Contribution Year	\$ 3,583,535	\$ 3,583,535	\$ 3,583,535	\$ 3,583,535
J. ADC for Contribution Year: G x I	2,435,370	2,615,785	3,585,874	1,712,880
K. Allowable Credit for State Revenue in Contribution Year	0	0	0	0
L. Member Contributions	<u>149,792</u>	<u>149,792</u>	<u>149,792</u>	<u>149,792</u>
M. Employer ADC in Contribution Year	\$ 2,285,579	\$ 2,465,993	\$ 3,436,082	\$ 1,563,088
N. Employer ADC as % of Covered Payroll in Contribution Year: M ÷ I	63.78 %	68.81 %	95.89 %	43.62 %
O. Certain Key Assumptions				
Investment Return Assumption	7.50%	7.50%	5.50%	9.50%
Mortality Table	RP-2000 Combined Healthy mortality table for males and females	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA	RP-2000 fully generational using Scale AA