


**2013 REGULAR SESSION  
ACTUARIAL NOTE HB 55**

<p><b>House Bill 55 HLS 13RS-462</b> Engrossed with House Retirement Committee Amendments #3060</p> <p><b>Author: Representative Jeffery "Jeff" J. Arnold</b> <b>Date: May 17, 2013</b></p> <p><b>LLA Note HB 55.02</b></p> <p><b>Organizations Affected:</b> <b>Harbor Police Retirement System</b></p> <p><b>EG DECREASE APV</b></p>	<p>This Note has been prepared by the Actuarial Services Department of the Office of the Legislative Auditor. The attachment of this Note to HB 55 provides compliance with the requirements of R.S. 24:521.</p> <div style="text-align: center;">   <b>Paul T. Richmond, ASA, MAAA, EA</b>  <b>Manager Actuarial Services</b> </div>
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**Bill Header:** RETIREMENT/LOCAL: Provides generally relative to the Harbor Police Retirement System in the city of New Orleans

**Cost Summary:**

The estimated actuarial and fiscal impact of the proposed legislation is summarized below. Actuarial costs pertain to changes in the *actuarial present value of future benefit payments*. A cost is denoted by "Increase" or a positive number. Savings are denoted by "Decrease" or a negative number.

Actuarial Cost/(Savings) to Retirement Systems and OGB	Decrease
Total Five Year Fiscal Cost	
Expenditures	Decrease
Revenues	\$0

**Estimated Actuarial Impact:**

The chart below shows the estimated change in the *actuarial present value of future benefit payments*, if any, attributable to the proposed legislation. A cost is denoted by "Increase" or a positive number. Savings are denoted by "Decrease" or a negative number. Present value costs associated with administration or other fiscal concerns are not included in these values.

<b>Actuarial Cost/(Savings) to:</b>	<b><u>Change in the Actuarial Present Value</u></b>
All Louisiana Public Retirement Systems	Decrease
Other Post Retirement Benefits	\$0
Total	Decrease

**Estimated Fiscal Impact:**

The chart below shows the estimated fiscal impact of the proposed legislation. This represents the effect on cash flows for government entities including the retirement systems and the Office of Group Benefits. Fiscal costs include estimated administrative costs and costs associated with other fiscal concerns. A fiscal cost is denoted by "Increase" or a positive number. Fiscal savings are denoted by "Decrease" or a negative number.

<b>EXPENDITURES</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-2018</b>	<b>5 Year Total</b>
State General Fund	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Agy Self Generated	Decrease	Decrease	Decrease	Decrease	Decrease	Decrease
Stat Deds/Other	0	0	0	0	0	0
Federal Funds	0	0	0	0	0	0
Local Funds	0	0	0	0	0	0
Annual Total	Decrease	Decrease	Decrease	Decrease	Decrease	Decrease

<b>REVENUES</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-2018</b>	<b>5 Year Total</b>
State General Fund	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Agy Self Generated	0	0	0	0	0	0
Stat Deds/Other	0	0	0	0	0	0
Federal Funds	0	0	0	0	0	0
Local Funds	0	0	0	0	0	0
Annual Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

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**Bill Information:**

**Current Law**

Current law provides for the Harbor Police Retirement System.

**Proposed Law**

HB 55 makes the following changes to current law.

1. HB 55 changes the definition of “Accumulated Contribution.” Under current law, the definition includes interest on member contributions. Under HB 55, interest is not included for members hired on or after July 1, 2013.
2. HB 55 defines “Medical Board” as a group of licensed medical professionals. Current law defines “Medical Board” as a board of physicians.
3. HB 55 removes dependent parents from the list of potentially eligible recipients of survivor benefits for a deceased active member.
4. HB 55 adds handicapped disabled children regardless of age to the list of potential recipients of survivor benefits for a deceased active member.
5. HB 55 removes dependent parents from the list of potentially eligible recipients of survivor benefits for a member killed in the line of duty.
6. HB 55 makes technical change to DROP and further provides that a member may participate in DROP only once.
7. HB 55 requires a member hired on or after July 1, 2013, to have 10 years of service to be eligible for disability retirement. Current law requires only 5 years of service. HB 55 makes other technical changes.
8. HB 55 changes the composition of the board of trustees as follows:
  - a. Current law provides that 2 members with 10 or more years of service are to be elected by members and such trustees will have a 5 year term of office. HB 55 provides that the term of office of the current trustees will be extended until June 30, 2018, and June 30, 2019, respectively.
  - b. Current law provides that 1 retiree is to be elected by retirees and such a trustee will have a 3 year term of office. HB 55 increases the term of office to 5 years and extends the term of office of the current trustee to June 30, 2016.
  - c. Current law provides that 2 members of the executive staff of the board of commissioners of the Port of New Orleans will be appointed by the board of commissioners for terms of 3 years. HB 55 provides that the terms of office will be extended to 5 years and the terms of the current trustees will be extended until June 30, 2015, and June 30, 2017, respectively.
  - d. Current law provides that the superintendent of the Harbor Police and the secretary of the retirement board shall be ex-officio members. HB 55 removes the secretary of the retirement board as a member of the board of trustees.
  - e. HB 55 provides that the 6 trustees identified above will elect a 7<sup>th</sup> trustee who is not a member of the retirement system. This member shall serve a 3 year term, taking office on July 1, 2013.
  - f. Current law provides that the 7 trustees identified above will elect an 8<sup>th</sup> trustee who may not be an employee or a member of the dock board but who must be experienced in investing money. Such trustee shall serve a 2 year term. Under HB 55, this member shall serve a term of 3 years and the term of the incumbent trustee will be extended to June 30, 2014.
9. HB 55 allows the board of trustees to adopt interest and mortality rates for calculating actuarial equivalence..
10. HB 55 repeals provisions of HPRS law pertaining to person who enrolled in DROP prior to July 1,1995.
11. HB 55 repeals provisions of HPRS law that allows a non-standard optional form of retirement benefit.

**Implications of the Proposed Changes**

Changes made by HB 55 to the Harbor Police Retirement System are for the most part technical in nature.

**Cost Analysis:**

**Analysis of Actuarial Costs**

**Retirement Systems**

The following changes made by HB 55 will result in a decrease in actuarial costs to the retirement system:

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1. The change in the definition of “Accumulated Contribution.”
2. The removal of dependent parents from the list of eligible recipients of survivor benefits.
3. The increase in the number of years of service needed to be eligibility for disability benefits.
4. Changes in the assumptions to be used in the calculation of actuarially equivalent benefits, transfers and service purchases.

The following changes made by HB 55 will result in an increase in actuarial costs to the retirement system.

- The addition of handicapped adult children to the list of eligible recipients of survivor benefits.

The net effect of all the changes will be a decrease in the actuarial present value of future benefit payments, accrued liabilities and employer contribution requirements calculated without regard to the 20% limitation on such contributions.

**Other Post Retirement Benefits**

There are no actuarial costs associated with HB 55 for post-employment benefits other than pensions.

**Analysis of Fiscal Costs**

HPRS is not an actuarially funded retirement system. It is financed by the following amounts:

1. Employee contributions equal to 9% of pay.
2. All fines collected from violations of ordinances of the City of New Orleans applicable to the wharves, landings, and river front.
3. Actuarially calculated employer contributions not to exceed 20% of pay.

These amounts are not sufficient to maintain the retirement system on an actuarially sound basis.

HB 55 will have the following effect on fiscal costs.

Expenditures:

1. Expenditures from HPRS (Agy Self-Generated) will decrease to the extent that benefits payable in the event of disablement or termination of employment will decrease.
2. Expenditures from HPRS (Agy Self-Generated) for dependent parents of deceased active members will decrease. However, this decrease will be offset by increases due to payment that now will be made to adult handicapped children of deceased active members.
3. Expenditures from Local Funds will not change during the measurement period because actuarially calculated employer contributions are expected to exceed 20% of pay regardless of the provisions of HB 55. Therefore the employer contribution rate will remain at 20%.

Revenues:

1. Revenues to HPRS (Agy Self-Generated) will not change during the measurement period because actuarially calculated employer contributions are expected to exceed 20% of pay regardless of the provisions of HB 55. Therefore the employer contribution rate will remain at 20%.
2. Revenues to HPRS will increase to the extent that amounts collected by HPRS for transfers and service purchases will increase.
3. The net effect on HPRS revenues is negligible.

**Actuarial Credentials:**

Paul T. Richmond is the Manager of Actuarial Services for the Louisiana Legislative Auditor. He is an Enrolled Actuary, a member of the American Academy of Actuaries, a member of the Society of Actuaries and has met the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinion contained herein.

**Dual Referral:**

**Senate**

- 13.5.1  $\geq$  \$100,000 Annual Fiscal Cost
- 13.5.2  $\geq$  \$500,000 Annual Tax or Fee Change

**House**

- 6.8(F)  $\geq$  \$500,000 Annual Fiscal Cost
- 6.8(G)  $\geq$  \$500,000 Annual Tax or Fee Change