

# GENERAL ASSEMBLY OF NORTH CAROLINA

Session 2007

## Legislative Actuarial Note

### RETIREMENT

**BILL NUMBER:** House Bill 956 (Second Edition)

**SHORT TITLE:** Retired Teachers Work.

**SPONSOR(S):** Representatives Yongue, Tolson, Pate, and Carney

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**FUNDS AFFECTED:** General Fund, Highway Fund, and Receipt Funds

**SYSTEM OR PROGRAM AFFECTED:** Teachers' and State Employees' Retirement System.

**EFFECTIVE DATE:** July 1, 2007

**BILL SUMMARY:** Under the present law, any retiree can return to employment with a public school to teach and not have any reemployment earning restrictions. The retirees can receive their retirement benefit and their salary as a teacher. In order to do so, they must have been retired for six months and have not worked in any capacity with the public schools during the six months prior to being reemployed. This provision is the law and will expire June 30, 2007.

This act extends the present law until October 31, 2009 and requires an employer contribution rate of 11.70% of the payroll of all retirees who returns to teach plus a contribution of 4.30% of payroll for hospital and medical benefits.

**ESTIMATED IMPACT:**

Retirement System Actuary: Buck Consultants estimates the cost to extend the sunset until October 1, 2009 to be 0.03% of the payroll of all members of the Teachers' and State Employees' Retirement System.

	<u>2007-08</u>	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12</u>
General Fund	\$2.8M	\$2.9M	\$3.0M	\$3.1M	\$3.3M
Highway Fund	\$0.1M	\$0.1M	\$0.1M	\$0.1M	\$0.2M
Receipt Funds	<u>\$0.9M</u>	<u>\$0.9M</u>	<u>\$0.9M</u>	<u>\$1.0M</u>	<u>\$1.0M</u>
<b>TOTAL COST</b>	<b>\$3.8M</b>	<b>\$3.9M</b>	<b>\$4.1M</b>	<b>\$4.3M</b>	<b>\$4.4M</b>

General Assembly Actuary: Hartman & Associates estimates the cost to extend the sunset until October 1, 2009 to be 0.05% the payroll of all members of the Teachers' and State Employees' Retirement System.

	<u>2007-08</u>	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12</u>
General Fund	\$4.6M	\$4.8M	\$5.0M	\$5.2M	\$5.4M
Highway Fund	\$0.2M	\$0.2M	\$0.2M	\$0.2M	\$0.3M
Receipt Funds	<u>\$1.4M</u>	<u>\$1.5M</u>	<u>\$1.6M</u>	<u>\$1.6M</u>	<u>\$1.7M</u>
<b>TOTAL COST</b>	<b>\$6.3M</b>	<b>\$6.6M</b>	<b>\$6.8M</b>	<b>\$7.1M</b>	<b>\$7.4M</b>

The employer contribution rate of 11.70% during this period of time should be adequate to pay for this benefit.

**ASSUMPTIONS AND METHODOLOGY: Teachers' & State Employees' Retirement System.** The cost estimates of the System's Actuary are based on the employee data, actuarial assumptions and actuarial methods used to prepare the December 31, 2005 actuarial valuation of the fund. The data included 321,513 active members with an annual payroll of \$11 billion, 134,719 retired members in receipt of annual pensions totaling \$2.5 billion and actuarial value of assets equal to \$49.7 billion. Significant actuarial assumptions used include (a) an investment return rate of 7.25%, (b) salary increase rate of 6.25%, (c) the George B. Buck Mortality Tables for deaths in service and after retirement and (d) rates of separation from active service based on System experience. The actuarial cost method used was the entry age normal method with open-end unfunded accrued liability and a frozen unfunded liquidation period of nine years. Detailed information concerning these assumptions and methods is shown in the actuary's report, which is available upon request from Stanley Moore.

**SOURCES OF DATA:** Buck Consultants  
Hartman & Associates, LLC

**TECHNICAL CONSIDERATIONS:** None

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**DATE:** May 22, 2007



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