

GENERAL ASSEMBLY OF NORTH CAROLINA



Session 2007

Legislative Actuarial Note

RETIREMENT

BILL NUMBER: Senate Bill 536 (First Edition)

SHORT TITLE: Retired Teachers Work/No Penalty.

SPONSOR(S): Senator Dannelly

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: Extends the sunset until June 30, 2009 for allowing a retired teacher to return to the classroom to teach with no earning restrictions. The bill also repeals the required employer contribution of 11.7% of the salary that the retired teacher is earning.

ESTIMATED IMPACT: Retirement System Actuary: Buck Consultants estimates the cost to extend the sunset until June 30, 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>
TOTAL COST	\$3.8M	\$3.9M	\$4.1M	\$4.3M	\$4.4M

General Assembly Actuary: Hartman & Associates estimates the cost to extend the sunset until June 30, 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>
TOTAL COST	\$6.3M	\$6.6M	\$6.8M	\$7.1M	\$7.4M

There are available gains of 0.34% of payroll in the Teachers' and State Employees' Retirement System to fund this without increasing the State's contribution rate.

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

FISCAL RESEARCH DIVISION: (919) 733-4910. The above information is provided in accordance with North Carolina General Statute 120-114 and applicable rules of the North Carolina Senate and House of Representatives.

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APPROVED BY: Lynn Muchmore, Director
Fiscal Research Division

DATE: March 28, 2007



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