

**NORTH CAROLINA GENERAL ASSEMBLY
LEGISLATIVE ACTUARIAL NOTE
RETIREMENT**

BILL NUMBER: House Bill 1478 (First Edition)

SHORT TITLE: Retirement/Teacher Exchange Programs.

SPONSOR(S): Representative Hackney

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

FUNDS AFFECTED: General Fund, Highway Fund and Receipt Fund

BILL SUMMARY: Excludes from membership in the Teachers' & State Employees' Retirement System any nonimmigrant alien employed in elementary or secondary public schools and participating in an exchange visitor program designated by the United States Department of Homeland Security.

EFFECTIVE DATE: July 1, 2004

ESTIMATED IMPACT ON STATE: Both the Fund's actuary, Buck Consultants, and the General Assembly's actuary, Hartman & Associates, agree that the cost would be negligible.

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, 2002, actuarial valuation of the fund. The data included 296,377 active members with an annual payroll of \$9.7 billion and 118,129 retired members in receipt of annual pensions totaling \$2 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: System Actuary - Mellon
General Assembly Actuary - Hartman & Associates, LLC

FISCAL RESEARCH DIVISION: 733-4910

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DATE: May 25, 2004



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