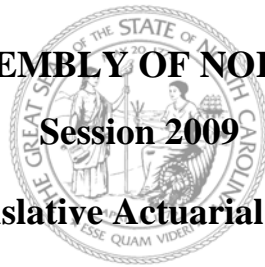


# GENERAL ASSEMBLY OF NORTH CAROLINA



Session 2009

## Legislative Actuarial Note

### RETIREMENT

**BILL NUMBER:** Senate Bill 1256 (First Edition)  
**SHORT TITLE:** Brevard Academy/Retirement Election.  
**SPONSOR(S):** Senator Snow

---

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

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

**EFFECTIVE DATE:** When it becomes law.

**BILL SUMMARY:** Permits the boards of directors of Brevard Academy, located in Brevard, to become participating employers in the Teachers' and State Employees' Retirement System within 30 days after the act becomes law.

**ESTIMATED IMPACT ON STATE:** Both, Buck Consultants, the Retirement System's actuary, and Hartman & Associates, the General Assembly's actuary, agree that the cost would be negligible based on the demographics of the System and the census data for the active employees of the school.

#### 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, 2008 actuarial valuation of the fund. The data included 325,618 active members with an annual payroll of \$13.3 billion, 151,353 retired members in receipt of annual pensions totaling \$3.1 billion and actuarial value of assets equal to \$55.1 billion. Significant actuarial assumptions used include (a) an investment return rate of 7.25%, (b) average salary increase rate of 6.25%, (c) the 1994 Group Annuity Mortality Tables (tables are not adjusted for male teachers, set forward one year for female teachers, set forward two years for general employees and law enforcement officers and set forward two years for the beneficiaries of deceased member), and (d) rates of separation from active service based on System experience. The actuarial cost method used was the entry age normal cost method and a frozen 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.

**PREPARED BY:** Stanley Moore

**APPROVED BY:** Marilyn Chism, Director  
Fiscal Research Division

**DATE:** May 24, 2010



**Signed Copy Located in the NCGA Principal Clerk's Offices**