



VIRGINIA RETIREMENT SYSTEM

REPORT ON

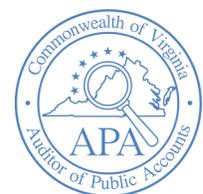
MANAGEMENT'S ASSERTIONS

RELATED TO CENSUS DATA FOR PENSION PLANS

FOR THE YEAR ENDED

JUNE 30, 2018

Auditor of Public Accounts  
Martha S. Mavredes, CPA  
[www.apa.virginia.gov](http://www.apa.virginia.gov)  
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Martha S. Mavredes, CPA  
Auditor of Public Accounts

# Commonwealth of Virginia

*Auditor of Public Accounts*

P.O. Box 1295  
Richmond, Virginia 23218

July 28, 2020

Board of Trustees  
Virginia Retirement System  
1200 E. Main Street  
Richmond, VA 23219

## INDEPENDENT ACCOUNTANT'S REPORT

We have examined management's assertion that the census data for pension plans sent to the actuary of the Virginia Retirement System (the System), for the year ended June 30, 2018, was complete and accurate based on the criteria included in the accompanying letter. The relevant census data elements for pension plans are also included in the accompanying letter. The System's management is responsible for the assertion. Our responsibility is to express an opinion on management's assertion based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management's assertion. The nature, timing, and extent of the procedures selected depend on judgment, including an assessment of the risks of material misstatement of management's assertion, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

In our opinion, management's assertion that the census data for pension plans sent to the actuary of the System, for the year ended June 30, 2018, was complete and accurate based on the criteria included in the accompanying letter, is fairly stated, in all material respects.

Our report is intended solely for the information and use of the Virginia Retirement management, the Virginia Retirement Board of Trustees, the Commonwealth Joint Legislative Audit and Review Commission, and the Virginia Retirement System employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

Martha S. Mavredes  
AUDITOR OF PUBLIC ACCOUNTS

ZLB/vks



July 28, 2020

Ms. Martha S. Mavredes  
Auditor of Public Accounts  
PO Box 1295  
Richmond, VA 23218

We are providing this assertion in connection with the census data submitted to the actuary of the Virginia Retirement System for pensions. The census data provided by the Virginia Retirement System to the plans' actuary, Cavanaugh Macdonald Consulting, LLC, used to prepare the actuarial valuations as of June 30, 2018 is complete and accurate based on the accumulation of census data reported by participating employers for the period from July 1, 2017 to June 30, 2018. The liabilities associated with the June 30, 2018 census data were rolled forward to June 30, 2019, in accordance with Government Accounting Standards Board Statement No. 68 (GASB 68), and were used in the GASB 68 Accounting Valuation reports as of June 30, 2019. The relevant census data elements, as established by the Virginia Retirement System to administer the pension plans set forth in Title 51.1, Chapters 1, 2, 2.1, 3, and 4 of the *Code of Virginia* (1950), as amended, include the following:

- Active Member File (for active and deferred members):
  - Member status with current and prior employers
  - Current and previous employer code and employer type
  - Join date and eligibility date
  - Date of birth
  - Gender
  - Months of service with current employer, months of total service
  - Current and previous annual salary
  - Total contributions
  - Retirement plan code
  - Special coverage codes
  - Termination date and reason
  - VRS ID
- Retirees:
  - Retirement date and current retirement status
  - Annuitant type
  - Date of birth
  - Date of death
  - Gender
  - Retirement plan code
  - Retirement type and option

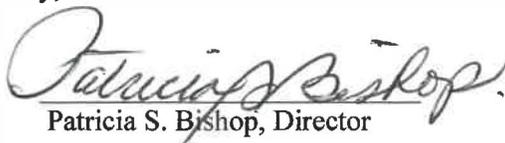
Ms. Martha S. Mavredes

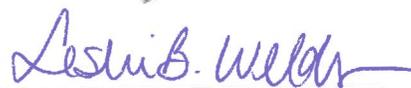
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- Average final compensation
  - Total service used in benefit calculation and by type
  - Current and previous employer code, employer type and career percentage for each
  - Special coverage codes
  - Current and previous special coverage employer code, employer type and career percentage for each
  - Monthly benefit amount
  - Total member contributions and interest
  - Contingent date of birth
  - Contingent gender
  - Survivor option percentage
  - VRS ID
- The census data provided by the Virginia Retirement System to the plans' actuary, Cavanaugh Macdonald Consulting, LLC, on June 30, 2018 properly reflects current benefit provisions in effect through the measurement period ended June 30, 2019 included in Title 51.1, Chapters 1, 2, 2.1, 3, and 4 of the *Code of Virginia* (1950), as amended.
  - The census data provided by the Virginia Retirement System to the plans' actuary, Cavanaugh Macdonald Consulting, LLC, as of June 30, 2018 properly identifies the service and dollars associated with deceased members so that they may be excluded from the valuations. The Virginia Retirement System has contracted with Life Status 360, LLC, also known as Small World Solutions, to validate the existence of inactive and retired members by cross-matching social security numbers of inactive and retired members using the Social Security Administration death match service and other information.

Sincerely,

  
Patricia S. Bishop, Director

  
Leslie B. Weldon, Controller

  
Barry C. Faison, Chief Financial Officer

  
Rory J. Badura, Senior Staff Actuary