

## **Sample Notes to the Financial Statements Cost-Sharing Employer Plans – VRS Teacher Retirement Plan For the Fiscal Year Ended June 30, 2020**

**Instructions:** *The Sample Notes to the Financial Statements for the Cost-Sharing Employer Plans – VRS Teacher Retirement Plan are based on the data in Illustration 3 of GASB Statement No. 68 and the related information in the Implementation Guide. These are provided by the Virginia Retirement System as a guide for employers in the development of their GASB 68 note disclosures. The GASB 68 schedules referenced in this document can be found in the “GASB Statement No. 68 Report for the Virginia Retirement System Prepared as of June 30, 2019” on the VRS Guidelines and Resources page of the VRS website at [employers.varetire.org/financial-reporting/vrs-guidelines-and-resources.html](http://employers.varetire.org/financial-reporting/vrs-guidelines-and-resources.html).*

*Within the sample Notes to the Financial Statements, the sample Required Supplementary Information and the sample Journal Entries there are a number of variable items which each employer must fill in using their own unique information. For each of these items, we have identified the source of the information.*

*We have also provided an analysis of the change in Net Pension Liability. This analysis includes the June 30, 2018, Net Pension Liability and elements impacting the 2019 Net Change in Pension Liability and the June 30, 2019, Net Pension Liability. Most of this data is also contained in the GASB 68 Report from the VRS actuary.*

**Note:** *If material, employers should recognize and disclose the difference between their contractually required contributions and actual contributions during the measurement period. The amount of contractually required contributions may be found in the GASB 68 Report with Audit Opinion while your actual contributions during the measurement period may be obtained from the data used to prepare AJE 2 included in the Sample Journal Entries. Please refer to GASB 68, Paragraph 55 for the employer level requirements for recognition and measurement (the applicable expected remaining service life may be found beginning on p. 27 of the GASB 68 report prepared as of the Measurement Date of June 30, 2019). Additionally, disclosures required in GASB 68 paragraphs 80h and 81b are not included in the information provided below.*

*The information in this document is provided as an additional resource for employers, but each employer is responsible for their own Notes to the Financial Statements. Employers should review the language and other information provided with their auditors.*

*If you have any questions concerning this information, please contact me at 804-344-3128 or send me an email at [bfaison@varetire.org](mailto:bfaison@varetire.org).*

**School Division Name**  
**Notes to the Financial Statements**  
**For the Year Ended June 30, 2020**

**Summary of Significant Accounting Policies**

***Pensions***

The Virginia Retirement System (VRS) Teacher Employee Retirement Plan is a multiple employer, cost-sharing plan. For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Virginia Retirement System (VRS) Teacher Retirement Plan and the additions to/deductions from the VRS Teacher Retirement Plan's net fiduciary position have been determined on the same basis as they were reported by VRS. In addition, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

**General Information About the Pension Plan**

***Plan Description***

All full-time, salaried permanent (professional) employees of public school divisions are automatically covered by the VRS Teacher Retirement Plan upon employment. This plan is administered by the Virginia Retirement System (the System) along with plans for other employer groups in the Commonwealth of Virginia. Members earn one month of service credit for each month they are employed and for which they and their employer pay contributions to VRS. Members are eligible to purchase prior service, based on specific criteria as defined in the *Code of Virginia*, as amended. Eligible prior service that may be purchased includes prior public service, active military service, certain periods of leave, and previously refunded service.

The System administers three different benefit structures for covered employees in the VRS Teacher Retirement Plan – Plan 1, Plan 2, and Hybrid. Each of these benefit structures has different eligibility criteria. The specific information for each plan, and the eligibility for covered groups within each plan are set out in the table below:

## RETIREMENT PLAN PROVISIONS BY PLAN STRUCTURE

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>About Plan 1</b> Plan 1 is a defined benefit plan. The retirement benefit is based on a member's age, service credit and average final compensation at retirement using a formula.</p>	<p><b>About Plan 2</b> Plan 2 is a defined benefit plan. The retirement benefit is based on a member's age, service credit and average final compensation at retirement using a formula.</p>	<p><b>About the Hybrid Retirement Plan</b> The Hybrid Retirement Plan combines the features of a defined benefit plan and a defined contribution plan.</p> <ul style="list-style-type: none"> <li>• The defined benefit is based on a member's age, service credit and average final compensation at retirement using a formula.</li> <li>• The benefit from the defined contribution component of the plan depends on the member and employer contributions made to the plan and the investment performance of those contributions.</li> <li>• In addition to the monthly benefit payment payable from the defined benefit plan at retirement, a member may start receiving distributions from the balance in the defined contribution account, reflecting the contributions, investment gains or losses, and any required fees.</li> </ul>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Eligible Members</b> Employees are in Plan 1 if their membership date is before July 1, 2010, and they were vested as of January 1, 2013, and they have not taken a refund.</p> <p><i>Hybrid Opt-In Election</i> VRS non-hazardous duty-covered Plan 1 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014. The Hybrid Retirement Plan's effective date for eligible Plan 1 members who opted in was July 1, 2014.</p> <p>If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan.</p> <p>Members who were eligible for an optional retirement plan (ORP) and had prior service under Plan 1 were not eligible to elect the Hybrid Retirement Plan, and remain as Plan 1 or ORP.</p>	<p><b>Eligible Members</b> Employees are in Plan 2 if their membership date is on or after July 1, 2010, or their membership date is before July 1, 2010, and they were not vested as of January 1, 2013.</p> <p><i>Hybrid Opt-In Election</i> Eligible Plan 2 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014.</p> <p>The Hybrid Retirement Plan's effective date for eligible Plan 2 members who opted in was July 1, 2014.</p> <p>If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan.</p>	<p><b>Eligible Members</b> Employees are in the Hybrid Retirement Plan if their membership date is on or after January 1, 2014. This includes:</p> <ul style="list-style-type: none"> <li>• School division employees.</li> <li>• Members in Plan 1 or Plan 2 who elected to opt into the plan during the election window held January 1-April 30, 2014; the plan's effective date for opt-in members was July 1, 2014.</li> </ul>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Retirement Contributions</b>            Employees contribute 5% of their compensation each month to their member contribution account through a pretax salary reduction. Member contributions are tax-deferred until they are withdrawn as part of a retirement benefit or as a refund. The employer makes a separate actuarially determined contribution to VRS for all covered employees. VRS invests both member and employer contributions to provide funding for the future benefit payment.</p>	<p><b>Retirement Contributions</b>            Same as Plan 1.</p>	<p><b>Retirement Contributions</b>            A member’s retirement benefit is funded through mandatory and voluntary contributions made by the member and the employer to both the defined benefit and the defined contribution components of the plan. Mandatory contributions are based on a percentage of the employee’s creditable compensation and are required from both the member and the employer. Additionally, members may choose to make voluntary contributions to the defined contribution component of the plan, and the employer is required to match those voluntary contributions according to specified percentages.</p>
<p><b>Service Credit</b>            Service credit includes active service. Members earn service credit for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional service credit the member was granted. A member’s total service credit is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.</p>	<p><b>Service Credit</b>            Same as Plan 1.</p>	<p><b>Service Credit</b>  <i>Defined Benefit Component:</i>            Under the defined benefit component of the plan, service credit includes active service. Members earn service credit for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional service credit the member was granted. A member’s total service credit is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.</p> <p><i>Defined Contributions Component:</i>            Under the defined contribution component, service credit is used to determine vesting for the employer contribution portion of the plan.</p>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Vesting</b>  Vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members become vested when they have at least five years (60 months) of service credit. Vesting means members are eligible to qualify for retirement if they meet the age and service requirements for their plan. Members also must be vested to receive a full refund of their member contribution account balance if they leave employment and request a refund.</p> <p>Members are always 100% vested in the contributions that they make.</p>	<p><b>Vesting</b>  Same as Plan 1.</p>	<p><b>Vesting</b>  <i>Defined Benefit Component:</i>  Defined benefit vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members are vested under the defined benefit component of the Hybrid Retirement Plan when they reach five years (60 months) of service credit. Plan 1 or Plan 2 members with at least five years (60 months) of service credit who opted into the Hybrid Retirement Plan remain vested in the defined benefit component.</p> <p><i>Defined Contributions Component:</i>  Defined contribution vesting refers to the minimum length of service a member needs to be eligible to withdraw the employer contributions from the defined contribution component of the plan.</p> <p>Members are always 100% vested in the contributions that they make.</p> <p>Upon retirement or leaving covered employment, a member is eligible to withdraw a percentage of employer contributions to the defined contribution component of the plan, based on service.</p> <ul style="list-style-type: none"> <li>• After two years, a member is 50% vested and may withdraw 50% of employer contributions.</li> <li>• After three years, a member is 75% vested and may withdraw 75% of employer contributions.</li> <li>• After four or more years, a member is 100% vested and may withdraw 100% of employer contributions.</li> </ul> <p>Distributions not required, except as governed by law.</p>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Calculating the Benefit</b> The basic benefit is determined using the average final compensation, service credit and plan multiplier. An early retirement reduction is applied to this amount if the member is retiring with a reduced benefit. In cases where the member has elected an optional form of retirement payment, an option factor specific to the option chosen is then applied.</p>	<p><b>Calculating the Benefit</b> See definition under Plan 1.</p>	<p><b>Calculating the Benefit</b> <i>Defined Benefit Component:</i> See definition under Plan 1.</p> <p><i>Defined Contribution Component:</i> The benefit is based on contributions made by the member and any matching contributions made by the employer, plus net investment earnings on those contributions.</p>
<p><b>Average Final Compensation</b> A member's average final compensation is the average of the 36 consecutive months of highest compensation as a covered employee.</p>	<p><b>Average Final Compensation</b> A member's average final compensation is the average of their 60 consecutive months of highest compensation as a covered employee.</p>	<p><b>Average Final Compensation</b> Same as Plan 2. It is used in the retirement formula for the defined benefit component of the plan.</p>
<p><b>Service Retirement Multiplier</b> The retirement multiplier is a factor used in the formula to determine a final retirement benefit. The retirement multiplier for members is 1.70%.</p>	<p><b>Service Retirement Multiplier</b> Same as Plan 1 for service earned, purchased or granted prior to January 1, 2013. The retirement multiplier is 1.65% for service credit earned, purchased or granted on or after January 1, 2013.</p>	<p><b>Service Retirement Multiplier</b> <i>Defined Benefit Component:</i> The retirement multiplier for the defined benefit component is 1.00%.</p> <p>For members who opted into the Hybrid Retirement Plan from Plan 1 or Plan 2, the applicable multipliers for those plans will be used to calculate the retirement benefit for service credited in those plans.</p> <p><i>Defined Contribution Component:</i> Not applicable.</p>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Normal Retirement Age</b> Age 65.</p>	<p><b>Normal Retirement Age</b> Normal Social Security retirement age.</p>	<p><b>Normal Retirement Age</b> <i>Defined Benefit Component:</i> Same as Plan 2.</p> <p><i>Defined Contribution Component:</i> Members are eligible to receive distributions upon leaving employment, subject to restrictions.</p>
<p><b>Earliest Unreduced Retirement Eligibility</b> Age 65 with at least five years (60 months) of service credit or at age 50 with at least 30 years of service credit.</p>	<p><b>Earliest Unreduced Retirement Eligibility</b> Normal Social Security retirement age with at least five years (60 months) of service credit or when their age and service equal 90.</p>	<p><b>Earliest Unreduced Retirement Eligibility</b> <i>Defined Benefit Component:</i> Normal Social Security retirement age and have at least five years (60 months) of service credit or when their age and service equal 90.</p> <p><i>Defined Contribution Component:</i> Members are eligible to receive distributions upon leaving employment, subject to restrictions.</p>
<p><b>Earliest Reduced Retirement Eligibility</b> Age 55 with at least five years (60 months) of service credit or age 50 with at least 10 years of service credit.</p>	<p><b>Earliest Reduced Retirement Eligibility</b> Age 60 with at least five years (60 months) of service credit.</p>	<p><b>Earliest Reduced Retirement Eligibility</b> <i>Defined Benefit Component:</i> Age 60 with at least five years (60 months) of service credit.</p> <p><i>Defined Contribution Component:</i> Members are eligible to receive distributions upon leaving employment, subject to restrictions.</p>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Cost-of-Living Adjustment (COLA) in Retirement</b>  The Cost-of-Living Adjustment (COLA) matches the first 3% increase in the Consumer Price Index for all Urban Consumers (CPI-U) and half of any additional increase (up to 4%) up to a maximum COLA of 5%.</p> <p><i>Eligibility:</i>  For members who retire with an unreduced benefit or with a reduced benefit with at least 20 years of service credit, the COLA will go into effect on July 1 after one full calendar year from the retirement date.</p> <p>For members who retire with a reduced benefit and who have less than 20 years of service credit, the COLA will go into effect on July 1 after one calendar year following the unreduced retirement eligibility date.</p> <p><i>Exceptions to COLA Effective Dates:</i>  The COLA is effective July 1 following one full calendar year (January 1 to December 31) under any of the following circumstances:</p> <ul style="list-style-type: none"> <li>• The member is within five years of qualifying for an unreduced retirement benefit as of January 1, 2013.</li> <li>• The member retires on disability.</li> <li>• The member retires directly from short-term or long-term disability.</li> <li>• The member is involuntarily separated from employment for causes other than job performance or misconduct and is eligible to retire under the Workforce Transition Act or the Transitional Benefits Program.</li> <li>• The member dies in service and the member's survivor or beneficiary is eligible for a monthly death-in-service benefit.</li> </ul> <p>The COLA will go into effect on July 1 following one full calendar year (January 1 to December 31) from the date the monthly benefit begins.</p>	<p><b>Cost-of-Living Adjustment (COLA) in Retirement</b>  The Cost-of-Living Adjustment (COLA) matches the first 2% increase in the CPI-U and half of any additional increase (up to 2%), for a maximum COLA of 3%.</p> <p><i>Eligibility:</i>  Same as Plan 1.</p> <p><i>Exceptions to COLA Effective Dates:</i>  Same as Plan 1.</p>	<p><b>Cost-of-Living Adjustment (COLA) in Retirement</b>  <i>Defined Benefit Component:</i>  Same as Plan 2.</p> <p><i>Defined Contribution Component:</i>  Not applicable.</p> <p><i>Eligibility:</i>  Same as Plan 1 and Plan 2.</p> <p><i>Exceptions to COLA Effective Dates:</i>  Same as Plan 1 and Plan 2.</p>

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
<p><b>Disability Coverage</b> Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.7% on all service, regardless of when it was earned, purchased or granted.</p>	<p><b>Disability Coverage</b> Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.65% on all service, regardless of when it was earned, purchased or granted.</p>	<p><b>Disability Coverage</b> Employees of school divisions (including Plan 1 and Plan 2 opt-ins) participate in the Virginia Local Disability Program (VLDP) unless their local governing body provides an employer-paid comparable program for its members.</p> <p>Hybrid members (including Plan 1 and Plan 2 opt-ins) covered under VLDP are subject to a one-year waiting period before becoming eligible for non-work-related disability benefits.</p>
<p><b>Purchase of Prior Service</b> Members may be eligible to purchase service from previous public employment, active duty military service, an eligible period of leave or VRS refunded service as service credit in their plan. Prior service credit counts toward vesting, eligibility for retirement and the health insurance credit. Only active members are eligible to purchase prior service. Members also may be eligible to purchase periods of leave without pay.</p>	<p><b>Purchase of Prior Service</b> Same as Plan 1.</p>	<p><b>Purchase of Prior Service</b> <i>Defined Benefit Component:</i> Same as Plan 1, with the following exceptions:</p> <ul style="list-style-type: none"> <li>Hybrid Retirement Plan members are ineligible for ported service.</li> </ul> <p><i>Defined Contribution Component:</i> Not applicable.</p>

**Contributions**

The contribution requirement for active employees is governed by § 51.1-145 of the *Code of Virginia*, as amended, but may be impacted as a result of funding provided to school divisions by the Virginia General Assembly. Employees are required to contribute 5.00% of their compensation toward their retirement. Each school division’s contractually required employer contribution rate for the year ended June 30, 2020, was 15.68% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2017. The actuarially determined rate, when combined with employee contributions, was expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contribution to the pension plan from the [school division name here] were \$[Insert amount] and \$[Insert amount] for the years ended June 30, 2020, and June 30, 2019, respectively.

***Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions***

At June 30, 2020, the [school division name here] reported a liability of \$ [Schedule D – Net Pension Liability – Teacher Employers, 6/30/2019 Net Pension Liability] for its proportionate share of the Net Pension Liability. The Net Pension Liability was measured as of June 30, 2019, and the total pension liability used to calculate the Net Pension Liability was determined by an actuarial valuation performed as of June 30, 2018, and rolled forward to the measurement date of June 30, 2019. The [school division name here] proportion of the Net Pension Liability was based on the [school division name here] actuarially determined employer contributions to the pension plan for the year ended June 30, 2019, relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2019, the [school division name here] proportion was [Schedule A – Proportionate Share of Contributions – Teacher Employers, 2019 Employer Allocation Percentage] % as compared to [Schedule A – Proportionate Share of Contributions – Teacher Employers, 2018 Employer Allocation Percentage] % at June 30, 2018.

For the year ended June 30, 2020, the [school division name here] recognized pension expense of \$ [Schedule B – Schedule of Deferred Inflows and Outflows and Pension Expense – Teacher Employers, Total Employer Pension Expense]. Since there was a change in proportionate share between measurement dates, a portion of the pension expense was related to deferred amounts from changes in proportion and from differences between employer contributions and the proportionate share of employer contributions.

At June 30, 2020, the [school division name here] reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences between expected and actual experience	<b>\$1</b>	<b>\$5</b>
Net difference between projected and actual earnings on pension plan investments	<b>2</b>	<b>6</b>
Change in assumptions	<b>3</b>	<b>7</b>
Changes in proportion and differences between employer contributions and proportionate share of contributions	<b>4</b>	<b>8</b>
Employer contribution subsequent to the measurement date	[Insert Amount]	—
Total	\$ —	\$ —

**Source of Data for Deferred Outflows and Deferred Inflows Schedule:**

**Schedule B – Schedule of Deferred Inflows and Outflows and Pension Expense –  
Teacher Employers**

- 1 – \$ [Deferred Outflows of Resources - Difference Between Expected and Actual Exp.]
- 2 – \$ [Deferred Outflows of Resources - Net Difference Between Projected and Actual Inv...]
- 3 – \$ [Deferred Outflows of Resources - Change of Assumptions.]
- 4 – \$ [Deferred Outflows of Resources - Changes in Proportionate Share]
- 5 – \$ [Deferred Inflows of Resources - Difference Between Expected and Actual Exp.]
- 6 – \$ [Deferred Inflows of Resources - Net Difference Between Projected and Actual Inv...]
- 7 – \$ [Deferred Inflows of Resources - Change of Assumptions.]
- 8 – \$ [Deferred Inflows of Resources - Changes in Proportionate Share]

[\$[Insert amount]] reported as deferred outflows of resources related to pensions resulting from the [school division name here] contributions subsequent to the measurement date will be recognized as a reduction of the Net Pension Liability in the Fiscal Year ending June 30, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future reporting periods as follows:

**Year ended June 30**

FY 2021	\$ [Schedule C, Year 1]
FY 2022	\$ [Schedule C, Year 2]
FY 2023	\$ [Schedule C, Year 3]
FY 2024	\$ [Schedule C, Year 4]
FY 2025	\$ [Schedule C, Year 5]

**Source of Data for Amortization of Deferred Outflows and Deferred Inflows Schedule:  
Schedule C – Amortization of Deferred Inflows and Outflows – Teacher Employers**

**Actuarial Assumptions**

The total pension liability for the VRS Teacher Retirement Plan was based on an actuarial valuation as of June 30, 2018, using the Entry Age Normal actuarial cost method and the following assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2019.

Inflation	2.50%
Salary increases, including inflation	3.5% – 5.95%
Investment rate of return	6.75%, net of pension plan investment expenses, including inflation*

*\* Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of the market assets for all of the VRS plans. This would provide an assumed investment return rate for GASB purposes of slightly more than the assumed 6.75%. However, since the difference was minimal, and a more conservative 6.75% investment return assumption provided a projected plan net position that exceeded the projected benefit payments, the long-term expected rate of return on investments was assumed to be 6.75% to simplify preparation of pension liabilities.*

**Mortality rates:**

**Pre-Retirement:**

RP-2014 White Collar Employee Rates to age 80, White Collar Healthy Annuitant Rates at ages 81 and older projected with Scale BB to 2020.

**Post-Retirement:**

RP-2014 White Collar Employee Rates to age 49, White Collar Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males 1% increase compounded from ages 70 to 90; females set back 3 years with 1.5% increase compounded from ages 65 to 75 and 2.0% increase compounded from ages 75 to 90.

Post-Disablement:

RP-2014 Disability Mortality Rates projected with Scale BB to 2020; 115% of rates for males and females.

The actuarial assumptions used in the June 30, 2018, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Update to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Discount Rate	Decrease rate from 7.00% to 6.75%

### **Net Pension Liability**

The net pension liability (NPL) is calculated separately for each system and represents that particular system’s total pension liability determined in accordance with GASB Statement No. 67, less that system’s fiduciary net position. As of June 30, 2019, NPL amounts for the VRS Teacher Employee Retirement Plan is as follows (amounts expressed in thousands):

	<b>Teacher Employee Retirement Plan</b>	
Total Pension Liability	\$	49,683,336
Plan Fiduciary Net Position		36,522,769
Employers’ Net Pension Liability (Asset)	\$	13,160,567
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability		73.51 %

The total pension liability is calculated by the System’s actuary, and each plan’s fiduciary net position is reported in the System’s financial statements. The net pension liability is disclosed in accordance with the requirements of GASB Statement No. 67 in the System’s notes to the financial statements and required supplementary information.

### **Long-Term Expected Rate of Return**

The long-term expected rate of return on pension System investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of pension System investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

<b>Asset Class (Strategy)</b>	<b>Target Allocation</b>	<b>Arithmetic Long-Term Expected Rate of Return</b>	<b>Weighted Average Long-Term Expected Rate of Return*</b>
Public Equity	34.00 %	5.61 %	1.91 %
Fixed Income	15.00 %	0.88 %	0.13 %
Credit Strategies	14.00 %	5.13 %	0.72 %
Real Assets	14.00 %	5.27 %	0.74 %
Private Equity	14.00 %	8.77 %	1.23 %
MAPS - Multi -Asset Public Strategies	6.00 %	3.52 %	0.21 %
PIP - Private Investment Partnership	3.00 %	6.29 %	0.19 %
<b>Total</b>	<b>100.00 %</b>		<b>5.13 %</b>
<i>Inflation</i>			2.50 %
<i>* Expected arithmetic nominal return</i>			7.63 %

\* The above allocation provides a one-year return of 7.63%. However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected return for the system, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 7.11%, including expected inflation of 2.50%. The VRS Board elected a long-term rate of 6.75% which is roughly at the 40th percentile of expected long-term results of the VRS fund asset allocation.

### **Discount Rate**

The discount rate used to measure the total pension liability was 6.75%. The projection of cash flows used to determine the discount rate assumed that member contributions will be made per the VRS Statutes and the employer contributions will be made in accordance with the VRS funding policy at rates equal to the difference between actuarially determined contribution rates adopted by the VRS Board of Trustees and the member rate. Through the fiscal year ending June 30, 2019, the rate contributed by the school division for the VRS Teacher Retirement Plan will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly which was 100% of the actuarially determined contribution rate. From July 1, 2019, on, school divisions are assumed to continue to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the pension plan's fiduciary net position was

projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total pension liability.

**Sensitivity of the [School Division Name Here] Proportionate Share of the Net Pension Liability to Changes in the Discount Rate**

The following presents the [school division name here] proportionate share of the net pension liability using the discount rate of 6.75%, as well as what the [school division name here] proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower 5.75% or one percentage point higher 7.75% than the current rate:

	<b>1.00% Decrease</b> <b>5.75%</b>	<b>Current Discount Rate</b> <b>6.75%</b>	<b>1.00% Increase</b> <b>7.75%</b>
School division’s proportionate share of the VRS Teacher Employee Retirement Plan Net Pension Liability	\$ [Schedule D - Net Pension Liability - Teacher Employers, Net Pension Liability 1% Decrease (5.75%)]	\$ [Schedule D - Net Pension Liability - Teacher Employers, 6/30/2019 Net Pension Liability]	\$ [Schedule D - Net Pension Liability - Teacher Employers, Net Pension Liability 1% Increase (7.75%)]

**Pension Plan Fiduciary Net Position**

Detailed information about the VRS Teacher Retirement Plan’s Fiduciary Net Position is available in the separately issued VRS 2019 *Comprehensive Annual Financial Report* (CAFR). A copy of the 2019 VRS CAFR may be downloaded from the VRS website at [varetire.org/pdf/publications/2019-annual-report.pdf](http://varetire.org/pdf/publications/2019-annual-report.pdf), or by writing to the System’s Chief Financial Officer at P.O. Box 2500, Richmond, VA 23218-2500.

**Payables to the Pension Plan**

[If the school division reported payables to the VRS, it should disclose information required by paragraph 122 of GASB 68. It is the school division’s responsibility to calculate this amount and complete the required disclosure.]

**Required Supplementary Information (RSI) Template  
Cost-Sharing Employer Plans – VRS Teacher Retirement Plan  
For the Fiscal Year Ended June 30, 2020**

**Instructions:** *This template includes two sample schedules and the language for Notes to RSI to be used as a guide in the development of the RSI section of your financial statements:*

- *Schedule of Employer’s Share of Net Pension Liability*
- *Schedule of Employer Contributions*
- *Notes to Required Supplementary Information*

*The sample schedules presented in this section will each eventually show a 10-year history of data related to GASB 68. You may create your own tables based on the examples VRS has provided. Each year, VRS will update the data highlighted in accordance with the legend. However, the employer is responsible for providing the remainder of the information and calculation as indicated.*

*Each employer is responsible for maintaining its own schedules, retaining prior year data, and updating the schedules each year based on the new information.*

**Note:** *Employer’s Covered Payroll referenced in the GASB 68 schedules in the template represent the total pensionable payroll for employees covered under the pension plan. Both of these schedules will now have multiple years of data. The periods for the additions to the schedules for FY 2020 are as follows:*

- *Schedule of Employer’s Share of Net Pension Liability for the Measurement Dates of June 30, 2014 through 2019. This schedule will now have six years.*
- *Schedule of Employer Contributions – Covered Payroll is for the fiscal year ended June 30, 2020. This schedule should have 10 years. Pre-GASB Statement No. 68 information can be taken from the RSI data previously required under GASB Statement No. 27.*

**Sample Schedule of Employer's Share of Net Pension Liability**

**Schedule of Employer's Share of Net Pension Liability  
VRS Teacher Employee Retirement Plan**

**For the Measurement Dates of June 30, 2019, 2018, 2017, 2016, 2015 and 2014**

	2019	2018	2017	2016	2015	2014
Employer's Proportionate Share of the Net Pension Liability (Asset)	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2019 Employer Allocation Percentage]%	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2018 Employer Allocation Percentage]%	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2017 Employer Allocation Percentage]%	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2016 Employer Allocation Percentage]%	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2015 Employer Allocation Percentage]%	[Schedule A - Proportionate Share of Contributions - Teacher Employers, 2014 Employer Allocation Percentage]%
Employer's Proportionate Share of the Net Pension Liability (Asset)	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2019 Net Pension Liability]	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2018 Net Pension Liability]	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2017 Net Pension Liability]	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2016 Net Pension Liability]	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2015 Net Pension Liability]	\$(Schedule D - Net Pension Liability - Teacher Employers, 6/30/2014 Net Pension Liability]
Employer's Covered Payroll	\$(Inset Amount]	\$(Inset Amount]	\$(Inset Amount]	\$(Inset Amount]	\$(Inset Amount]	\$(Inset Amount]
Employer's Proportionate Share of the Net Pension Liability (Asset) as a Percentage of its Covered Payroll	[Calculation:line 2 divided by Line 3] %	[Calculation:line 2 divided by Line 3] %	[Calculation:line 2 divided by Line 3] %	[Calculation:line 2 divided by Line 3] %	[Calculation:line 2 divided by Line 3] %	[Calculation:line 2 divided by Line 3] %
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	73.51%	74.81%	72.92%	68.28%	70.68%	70.88%

*Schedule is intended to show information for 10 years. Since 2019 is the sixth year for this presentation, there are only six years available. However, additional years will be included as they become available.*

**For Reference Only:** The Plan Fiduciary Net Position as a Percentage of the Total Pension Liability for the VRS Teacher Retirement Plan for each year is presented on pages 118 and 119 of the VRS 2019 *Comprehensive Annual Financial Report (CAFR)*.

**Sample Schedule of Employer Contributions**

**Schedule of Employer Contributions  
VRS Teacher Retirement Plan  
For the Years Ended June 30, 2011 through 2020**

<b>Date</b>	<b>Contractually Required Contribution (1)</b>	<b>Contribution in Relation to Contractually Required Contribution (2)</b>	<b>Contribution Deficiency (Excess) (3)</b>	<b>Employer's Covered Payroll (4)</b>	<b>Contributions as a % of Covered Payroll (5)</b>
2020	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2019	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2018	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2017	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2016	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2015	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2014	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2013	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2012	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)
2011	[\$Insert Amount]	[\$Insert Amount]	Col (1) -(2)	[\$Insert Amount]	Col (2) / (4)

**For Reference Only:**

Column 1 – Employer contribution rate multiplied by the employer’s covered payroll.

Column 2 – Actual employer contribution remitted to VRS.

Column 4 – Employer’s covered payroll amount for the fiscal year.

**Sample Notes to Required Supplementary Information**

**Notes to Required Supplementary Information  
For the Year Ended June 30, 2020**

**Changes of benefit terms:** There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.

**Changes of assumptions:** The actuarial assumptions used in the June 30, 2018, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Update to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Discount Rate	Decrease rate from 7.00% to 6.75%