# PAMUNKEY REGIONAL JAIL AUTHORITY

HANOVER COUNTY, VIRGINIA

# ANNUAL COMPREHENSIVE FINANCIAL REPORT



# FOR THE YEAR ENDED JUNE 30, 2024

COLONEL JAMES C. WILLETT, CJM SUPERINTENDENT

LT. COLONEL NATHAN J. WEBEL, CJM DEPUTY SUPERINTENDENT

MR. F. KEITH SPICER, CPA, CGMA DIRECTOR OF FINANCE

# PAMUNKEY REGIONAL JAIL AUTHORITY ANNUAL COMPREHENSIVE FINANCIAL REPORT

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# INTRODUCTORY SECTION (unaudited)



Serving the following Localities: Hanover County Caroline County Town of Ashland

James C. Willett, CJM Superintendent

7240 Courtland Farm Rd. Hanover, VA 23069 (804) 537-6400 (804) 537-6418 Fax





# **PAMUNKEY REGIONAL JAIL**

November 6, 2024

The Honorable Members of the Pamunkey Regional Jail Authority Board Hanover, VA 23069

Dear Jail Authority Board Members:

We are pleased to submit the Annual Comprehensive Financial Report (ACFR) of the Pamunkey Regional Jail Authority (Jail Authority) for the fiscal year ended June 30, 2024. The report was prepared by the Superintendent and the Director of Finance, who assume full responsibility for the accuracy of information, and the completeness and fairness of preparation. We believe the financial information, as presented, is accurate in all material respects and that it is presented in a manner designed to fairly set forth the financial position and results of operations as measured by the financial activity of the Jail Authority. This letter should be read in conjunction with the *Management's Discussion and Analysis*, which can be found in the Financial Section of the ACFR.

# FINANCIAL REPORTING ENTITY

The Jail Authority is required to undergo an annual audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and *Specifications for Audits of Authorities, Boards and Commissions*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia.

The Jail Authority, a political subdivision of the Commonwealth of Virginia, was authorized by Chapter 726 of the 1990 Acts of the General Assembly of Virginia and formed on December 30, 1992. The participating jurisdictions of the Jail Authority are the Counties of Caroline and Hanover and the Town of Ashland. The Jail Authority is governed by a five-member board comprised of two members each from the Counties of Caroline and Hanover and one from the Town of Ashland. In an agreement between the County of Hanover, Virginia (the "County") and the Jail Authority, the County serves as fiscal agent for the Jail Authority for which the Jail Authority reimburses the County for services provided in the areas of purchasing, finance, personnel, and data processing; however, the Jail Authority formulates and approves its own budget.

The general purpose of the Jail Authority is to maintain and operate a regional jail facility to meet the needs of the participating jurisdictions. The facility has 519-beds, consisting of 451 general-purpose beds, a 24-bed work release center, a 6-bed medical housing unit, and 38 special management cells. The Pamunkey Regional Jail's core services such as the infirmary, kitchen, and laundry services are designed for future expansion to accommodate a total inmate population of 665.

The legislation that created the Jail Authority requires there be a service agreement between the Jail Authority and its participating jurisdictions. The service agreement is a long-term contract regulating usage of the Jail Authority and establishing payment terms applicable to participating jurisdictions. It guarantees that the facility will be used and provides a basis for the issuance of revenue bonds to fund the final design and construction of the Jail. The board members of the Jail Authority signed the Service Agreement on April 7, 1995.

The payments by the participating jurisdictions are subject to the appropriation of funds for such purpose by the governing bodies of the participating jurisdictions.

# ECONOMIC CONDITIONS

Serving the member jurisdictions as the Jail Authority does, the overall inmate population is indirectly related to the populations of these localities. Caroline County, Hanover County, and the Town of Ashland are all areas that are continually experiencing growth and increased development. This, in turn, serves as an indicator for the number of persons likely to be incarcerated from those jurisdictions.

Hanover County's population growth rate is expected to increase by approximately 1.1%, with a total population of 116,766 estimated for 2024. These figures include the Town of Ashland. Caroline County's population growth rate is expected to be 1.4%, with a total population of 31,771 estimated for 2024.

The local inmate population, which is made up of Ashland, Hanover and Caroline, for the past year was 251. Projections for the upcoming 2025 fiscal year are 248 and by the 2026 fiscal year, we anticipate an inmate population of approximately 260.

# MAJOR ACCOMPLISHMENTS AND INITIATIVES

Over the past year, many accomplishments were realized within the Jail Authority. The Jail received 100% compliance for the twenty-first consecutive year by the Board of Corrections.

Once again, the staff of the Jail Authority continues to give back to the community. Over the course of the past year, the charitable and community-based outreach activities have continued to make the facility shine amongst the citizens of our user jurisdictions. Several members of our Emergency Response Team participated in the Law Enforcement Torch Run. These dedicated staff members toughed out the heat and extreme humidity to represent our facility in this worthy cause. We also continued our support of the Special Olympics of Virginia by having several staff members volunteer at their annual fundraising event at the North Richmond Harley Davidson dealership located just outside of Ashland, with all proceeds donated to the Special Olympics.

The facility also continues to give back to the community through a partnership with the Hanover County and Caroline County Departments of Social Services. During the holiday season, the staff of the Jail Authority participates in the "Adopt-a-Family" program that benefits local families in need of assistance. We have found this program to be a great success which allows us to give back to the citizens of our user jurisdictions and shed a positive light on our organization. We strive to maintain a high level of professionalism with the Law Enforcement Community. Senior Public Safety Staff Meetings and User Group Meetings with our localities have broadened the presence of our facility in the Law Enforcement Community and increased cooperation with the Sheriff's Offices, Courts, and Magistrates of the jurisdictions in which we serve.

# FINANCIAL INFORMATION AND CONTROLS

The Jail Authority's management is responsible for establishing and maintaining internal controls sufficient to ensure safeguarding of assets. In developing and evaluating the Jail Authority's accounting system, consideration is given to the adequacy of internal controls. Internal controls are designed to provide reasonable, but not absolute, assurance regarding the safeguarding of assets against loss from unauthorized use or disposition, and the reliability of financial records for preparing financial statements and maintaining accountability for assets. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived, and the valuation of costs and the benefits requires estimates and judgments by management.

All internal control evaluations occur within the above framework. We believe that the Jail Authority's internal controls adequately safeguard assets and provide reasonable assurance for proper recording of financial transactions in all material respects.

In addition to the internal controls described above, budgetary controls are also established to ensure compliance with annual operating budgets approved by the Jail Authority Board. Monthly reports containing comparisons between actual and budget and current and prior year amounts are prepared and presented to the Jail Authority management and the Board.

The Jail Authority usually initiates its annual operating budget preparations in September of each fiscal year (July 1 through June 30). The Director of Finance, with input from other departments, prepares a draft budget for the Jail Authority to review. After the initial review, a final budget is submitted to the Jail Authority by January 1 of each year.

# **INVESTMENT MANAGEMENT**

The County Treasurer is responsible for investing the Jail Authority's funds. Investments and deposits during the year consisted of a variety of securities, durations, and increments as allowable by the *Code of Virginia* and further restricted by the County's investment policy. The allowable investments include savings accounts, certificates of deposit, U.S. government agency securities, corporate notes, banker's acceptances, commercial paper, money market accounts, mutual funds, state bonds, local bonds, mortgage-backed securities, and repurchase agreements. The County Treasurer and Board of Supervisors have a jointly adopted investment policy that seeks to safeguard principal, meet liquidity objectives, and seek fair value rates of returns. The Jail Authority's funds are managed in accordance with this policy.

Investment income incurred for the fiscal year for the Jail Authority's operating funds was \$345,650.

# **INDEPENDENT AUDIT**

The certified public accounting firm of PBMares, LLP audited the Jail Authority's June 30, 2024 financial statements. Their opinion on the financial statements is presented in the Financial Section of this ACFR.

# AWARDS

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a *Certificate of Achievement for Excellence in Financial Reporting* to the Jail Authority for its ACFR for the fiscal year ended June 30, 2023. This was the twenty-second consecutive year that the Jail has achieved this prestigious award. In order to be awarded a Certificate of Achievement, the Jail Authority published an easily readable and efficiently organized ACFR. This report must satisfy both generally accepted accounting principles and applicable legal requirements. A Certificate of Achievement is valid for a period of one year only. We believe that our current ACFR continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

The GFOA also awarded a *Distinguished Budget Presentation Award* to the Jail Authority for its annual budget for the fiscal year ended June 30, 2025. This was the eighth consecutive year that the Jail has achieved this prestigious award. In order to receive this budget award, the Jail Authority had to satisfy nationally recognized guidelines for effective budget presentation.

# ACKNOWLEDGMENTS

The preparation of this report could not be accomplished without the efficient and dedicated efforts of the employees of the Jail Authority.

Further appreciation is extended to each member of the Jail Authority for their continued interest, dedication, and support.

Respectfully submitted,

I panes C. Willet

James C. Willett, CJM Superintendent

F. KAmi

F. Keith Spicer, CPA, CGMA Director of Finance

# Pamunkey Regional Jail Authority Fiscal Year 2024

# Members of the Board and Legal Counsel

Chairman

Josh Farrar

Ashland Town Manager

Vice Chairman

Alan Partin

Caroline County Assistant Administrator

Other Members

Dave Hines Colonel, Hanover County Sheriff

Jim Taylor Hanover County Assistant Administrator

> Scott Moser Caroline County Sheriff

# Legal Counsel

Brendan S. Hefty, Esq.



Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

# Pamunkey Regional Jail Virginia

For its Annual Comprehensive Financial Report For the Fiscal Year Ended

June 30, 2023

Christophen P. Morrill

Executive Director/CEO



(3)

Pamunkey Regional Jail

# FINANCIAL SECTION



## **INDEPENDENT AUDITOR'S REPORT**

Honorable Members of the Board Pamunkey Regional Jail Authority

#### **Report on the Audit of the Financial Statements**

#### **Opinions**

We have audited the financial statements of the business-type activity and the fiduciary activity of the Pamunkey Regional Jail Authority (Jail Authority), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the Jail Authority's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activity and the fiduciary activity of the Jail Authority, as of June 30, 2024, and the respective changes in financial position, and where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Basis for Opinions**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*); and the *Specifications for Audits of Authorities, Boards, and Commissions*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia. Our responsibilities under those standards and specifications are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Jail Authority and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Jail Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

#### Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and Government Auditing Standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Jail Authority's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Jail Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

## **Required Supplementary Information**

Accounting principles generally accepted in the United States of America require the Management's Discussion and Analysis and the required supplementary information on pages 4-8 and 64-75, respectively, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### **Other Information**

Management is responsible for the other information included in the annual comprehensive financial report. The other information comprises the introductory and statistical sections as listed in the table of contents but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 6, 2024 on our consideration of the Jail Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Jail Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Jail Authority's internal control over financial reporting and compliance.

PBMares, JJP

Harrisonburg, Virginia November 6, 2024

The financial statements of the Pamunkey Regional Jail Authority (Jail Authority) include all business activities and include notes to the financial statements that explain and provide detail data on information in the financial statements.

The following is management's discussion and analysis of the Jail Authority's financial performance for the years ended June 30, 2024, and 2023. It should be read in conjunction with the Letter of Transmittal in the Introductory Section, the Jail Authority's financial statements and financial performance in the Statistical Section.

# FINANCIAL HIGHLIGHTS

- The Jail Authority's net position increased \$3,311,030 in fiscal year 2024. This is primarily due to the increase in member jurisdiction revenues due to a higher local inmate population.
- The total revenues of the Jail Authority increased \$4,179,468, or 26.3%, from fiscal year 2023. This is primarily due to the increase in member jurisdiction revenues and State Compensation Board revenues.
- Total expenses in fiscal year 2024 increased by \$720,061 or 4.5%, primarily from personal services and fringe benefits.

The Jail Authority's financial statements are prepared in accordance with accounting principles generally accepted in the United States of America as prescribed by the Governmental Accounting Standards Board (GASB). The financial statements are prepared on the accrual basis, recognizing revenue when earned and expenses when incurred, and include all of the business activities of the Jail Authority. The Jail also classifies all inflows and outflows for its fiduciary activities fund as additions and deductions related to deposits and disbursements for the Jail's custodial account for the inmate population. Assets are designated as restricted in accordance with debt and other agreements. See notes to financial statements for a summary of significant accounting policies.

## **OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the Jail Authority's financial statements. The Jail Authority's financial statements consist of the Statement of Net Position, the Statements of Revenues, Expenses, and Changes in Net Position, and the Statement of Cash Flows for the Jail's Enterprise Fund. The first two statements report the net position and how they have changed during the year. Net position is the difference between the total assets and deferred outflows of resources and total liabilities and deferred inflows of resources of the Jail Authority. Measuring net position is one way to gauge the Jail Authority's financial condition. The Jail also has two separate financial statements for its Fiduciary fund that represent the custodial account the Jail has for the inmate population. These statements are the Statements of Fiduciary Net Position and the Statements of Changes in Fiduciary Net Position.

## FINANCIAL ANALYSIS OF JAIL FUNDS

The financial statements are prepared on the accrual basis, recognizing revenues when earned and expenses when incurred, and include all of the business activities of the Jail Authority. Assets are designated as restricted in accordance with debt and other agreements.

Jail Authority operations ended fiscal year 2024 with a \$3,311,030 increase in total net position. The increase in fiscal year 2024 is primarily due to the increase in member jurisdiction revenues and State Compensation Board revenues due to a higher local inmate population. As of June 30, 2024, the Jail Authority's unrestricted cash position was \$3,748,853 in unrestricted funds.

# The following table summarizes the net position of the Jail Authority at June 30, 2024 and 2023:

	2024	2023
Assets		
Pooled cash, cash equivalents and investments with fiscal agent Receivables	\$ 3,748,853 1,539,405	\$ 2,336,350 828,294
Total Current Assets	5,288,258	3,164,644
Noncurrent Assets		
Restricted: Pooled cash, cash equivalents and investments with fiscal agent	4,302,252	3,929,110
Net pension and OPEB asset	1,655,844	368,214
Capital assets, net	10,405,844	11,086,286
Total Noncurrent Assets	16,363,940	15,383,610
Total Assets	21,652,198	18,548,254
Deferred Outflows of Resources		
Changes of assumptions - pension	-	283,618
Differences between expected and actual experience - pension	43,041	143,137
Pension contributions after measurement date OPEB contributions after measurement date	1,087,061 61,082	988,188 60,873
Differences between expected and actual experience - OPEB	93,343	98,974
Differences between projected and actual experience - OPEB	10,875	15,197
Changes of assumptions - OPEB	36,520	46,043
Changes of proportionate share - OPEB	15,137	21,926
Total Deferred Outflows of Resources	1,347,059	1,657,956
<b>Total Assets and Deferred Outflows of Resources</b>	22,999,257	20,206,210
Liabilities		
Current Liabilities		
Accounts payable	323,613	371,471
Accrued liabilities Unearned revenues	527,565	458,143 250,000
Current portion of compensated absences	57,024	33,696
Current portion of lease obligations	78,659	83,108
Current portion of subscription obligations	12,093	10,755
Current portion of revenue bonds	145,693	144,218
Total Current Liabilities	1,144,647	1,351,391
Long-Term Liabilities		
Revenue bonds	1,062,413	1,208,106
Lease obligations	38,069	97,870
Subscription obligations	28,704	40,797
Net Pension and OPEB liability	427,006	460,024
Compensated absences	885,170	880,797
Total Long-Term Liabilities	2,441,362	2,687,594
Total Liabilities	3,586,009	4,038,985
Deferred Inflows of Resources Differences between expected and actual experience - pension Differences between projected and actual earnings on	629,915	305,192
pension plan investments	404,367	762,753
Differences between expected and actual experience - OPEB	98,336	93,342
Differences between projected and actual earnings on		
pension plan investments	13,148	20,649
Changes of assumptions - OPEB	37,197	49,547
Changes of proportionate share - OPEB	57,951	74,438
Total Deferred Inflows of Resources	1,240,914	1,305,921
Total Liabilities and Deferred Inflows of Resources	4,826,923	5,344,906
Net Position Net investment in capital assets	9,040,213	9,501,432
Restricted	5,958,096	4,563,519
Unrestricted	3,174,025	796,353

#### REVENUES

Operating and non-operating revenues for the Jail Authority totaled \$20,064,126 for the year ended June 30, 2024, which equates to a \$4,179,468 increase over fiscal year 2023. Of this total, per diem billings to member jurisdictions totaled \$9,826,181 or 49.0% of total revenues. Per diem billings to non-member jurisdictions totaled \$2,616,982 and accounted for 13.0% of total revenues. Other revenues totaled \$7,620,962, or 38.0% of total revenues.

A summary of revenues for the years ended June 30, 2024 and 2023 is provided in the following tabulation:

<b>Revenue Classification</b>	2024	2023
Operating Revenues		
Hanover County	\$ 6,544,458	\$ 4,655,927
Town of Ashland	723,863	308,066
Caroline County	2,557,860	1,591,182
Subtotal	9,826,181	6,555,175
United States Marshals' Service	1,930,569	1,841,159
Other Local and Regional Jails	686,413	924,497
Subtotal	2,616,982	2,765,656
Work Release	10,307	5,813
Miscellaneous Income	1,460,756	1,311,850
Subtotal	1,471,063	1,317,663
Total Operating Revenues	13,914,226	10,638,494
Nonoperating Revenues		
Commonwealth of Virginia	5,554,617	4,862,237
Federal Grant Revenues	180,000	-
Interest and Investment loss	345,650	163,926
<b>Total Nonoperating Revenues</b>	6,080,267	5,026,163
Capital Contributions	69,633	220,000
Total Revenues	\$ 20,064,126	\$ 15,884,657

#### **EXPENSES**

Operating and nonoperating expenses totaled \$16,753,096 for the year ended June 30, 2024, which represents a \$720,062 increase over fiscal year 2023. Of this amount, salaries and employee benefits totaled \$10,053,430, medical services and supplies totaled \$2,696,003, food service and supplies totaled \$517,818, and interest expense on debt totaled \$24,995.

Summary expense data for the years ended June 30, 2024, and 2023 is presented in the following tabulation:

Expense Classification	2024	2023
Operating Expenses		
Personnel services	\$ 7,991,286	\$ 7,563,875
Fringe benefits	2,062,144	2,233,707
Contractual services	966,971	816,016
Materials and supplies	493,736	527,476
Medical services and supplies	2,696,003	2,540,037
Food services and supplies	517,818	497,566
Utilities	436,810	386,769
Canteen fund	282,788	223,177
Depreciation and Amortization	1,280,545	1,218,949
Total Operating Expenses	16,728,101	16,007,572
Nonoperating Expenses		
Interest expense	24,995	25,462
Total Expenses	16,753,096	16,033,034
Total excess (deficiency) of revenues over (under) expenses	3,311,030	(148,377)
Total net position, beginning of year	14,861,304	15,009,681
Total net position, end of year	\$ 18,172,334	\$ 14,861,304

#### **DEBT ADMINISTRATION**

The Jail Authority had total bonded debt outstanding \$1,208,106, and \$1,352,324 at June 30, 2024, and 2023, respectively. Those amounts are comprised of 2016 Energy Conservation Note.

The 2016 Energy Conservation Note was issued to fund an energy conservation project to upgrade energy equipment and systems throughout the jail. The intent is to make the overall facility more energy efficient. The Note is funded through the Virginia Saves program in which the Jail Authority receives an IRS tax subsidy and the debt is paid for entirely through energy cost savings over the 15 year period of the note. The energy cost savings are guaranteed by the project vendor, Siemens, of the energy conservation project. For more detailed information on long-term debt activity, refer to Note 4 of the notes to the financial statements.

#### CAPITAL ASSETS

As of June 30, 2024, capital assets, accumulated depreciation and amortization, and depreciation and amortization expense totaled \$34,483,661, \$24,077,816 and \$1,280,545, respectively. As of June 30, 2023, capital assets, accumulated depreciation, and depreciation expense totaled \$33,981,182, \$22,894,896, and \$1,218,949, respectively.

For more detailed information on capital assets activity, refer to Note 3 of the notes to the financial statements.

#### JAIL AUTHORITY'S PER DIEM RATES

Operational per diem rates are set for the localities through the annual budget process. The operational per diem rate is calculated by the total operational per diem due from the localities divided by the total number of inmates projected for the year divided by 365 days. The operational per diem rates were \$115.71, from July 1, 2023 until February 29, 2024 and adjusted to \$90.00 from March 1, 2024 to June 30, 2024. The rate for 2023 was \$84.68. The per diem rate that has been set for all federal inmates is \$90.00 for 2024. The per diem rate set for Powhatan Sheriff's office is \$52.00 and \$54.00 for Goochland Sheriff's office and \$50.00 for all other agencies.

#### **REQUEST FOR INFORMATION**

This financial report is designed to provide interested parties with a general overview of the Jail Authority's finances. Should you have any questions about this report or need additional information, please contact the Director of Finance, 7240 Courtland Farm Road, Hanover, VA 23069.

# **BASIC FINANCIAL STATEMENTS**

# PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Net Position June 30, 2024

# ASSETS

ASEIS	
Current assets:	
Pooled cash, cash equivalents and investments with fiscal agent	\$ 3,748,853
Receivables:	
Due from Federal Government	189,574
Due from Commonwealth of Virginia	1,097,241
Accounts receivable - member jurisdictions	 252,590
Total current assets	 5,288,258
Noncurrent assets:	
Restricted: Pooled cash, cash equivalents and investments with fiscal agent	4,302,252
Net Pension asset	1,480,960
Net OPEB asset	174,884
Capital assets:	
Nondepreciable assets	137,604
Intangible right-to-use lease assets, net of amortization	112,766
Intangible right-to-use subscription assets, net of amortization	40,611
Depreciable assets, net of accumulated depreciation	 10,114,863
Total noncurrent assets	 16,363,940
Total assets	 21,652,198
<b>DEFERRED OUTFLOWS OF RESOURCES</b>	
Differences between expected and actual experience - pension	43,041
Net difference between projected and actual earnings on OPEB plan investments	10,875
Pension contributions after measurement date	1,087,061
OPEB contributions after measurement date	61,082
Differences between expected and actual experience - OPEB	93,343
Changes of assumptions - OPEB	36,520
Changes of proportionate share - OPEB	15,137
Total deferred outflows of resources	 1,347,059
Total assets and deferred outflows of resources	\$ 22,999,257

# PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Net Position June 30, 2024

#### LIABILITIES

LIABILITIES	
Current liabilities:	
Accounts payable	\$ 323,613
Accrued liabilities	527,565
Compensated absences	57,024
Lease obligations	78,659
Subscription obligations	12,093
Revenue note	145,693
Total current liabilities	1,144,647
Long-term liabilities:	
Revenue note	1,062,413
Lease obligations	38,069
Subscription obligations	28,704
Net OPEB liability	427,006
Compensated absences	885,170
Total long-term liabilities	2,441,362
Total liabilities	3,586,009
<b>DEFERRED INFLOWS OF RESOURCES</b>	
Differences between expected and actual experience - pension	629,915
Net difference between projected and actual earnings on	,
pension plan investments - pension	404,367
Differences between expected and actual experience - OPEB	98,336
Net difference between projected and actual earnings on	
OPEB plan investments	13,148
Changes of assumptions - OPEB	37,197
Changes of proportionate share - OPEB	57,951
Total deferred inflows of resources	1,240,914
NET POSITION	
Net investment in capital assets	9,040,213
Restricted:	
Operating reserve - per jail service agreement	4,281,729
Pension and OPEB	1,655,844
Canteen Fund for Inmate Population	20,523
Unrestricted	3,174,025
Total net position	18,172,334
Total liabilities, deferred inflows of resources, and net position	\$ 22,999,257

# PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Revenues, Expenses, and Changes in Net Position Year Ended June 30, 2024

# **OPERATING REVENUES**

Charges for services:	
County of Hanover	\$ 6,544,458
Town of Ashland	723,863
County of Caroline	2,557,860
Charges to other governments	2,616,982
Other	 1,471,063
Total operating revenues	 13,914,226
OPERATING EXPENSES	
Personnel services	7,991,286
Fringe benefits	2,062,144
Contractual services	966,971
Other operating expenses and supplies	4,427,155
Depreciation and amortization	 1,280,545
Total operating expenses	 16,728,101
Operating loss	 (2,813,875)
NONOPERATING REVENUES (EXPENSES)	
Intergovernmental:	
Revenue from the Commonwealth of Virginia:	
Categorical aid: shared expenses and fees	5,554,617
Federal Grant revenue	180,000
Interest and Investment income, net	345,650
Interest expense	 (24,995)
Net nonoperating revenues	 6,055,272
Income before capital contributions	3,241,397
Capital contributions	 69,633
Change in net position	3,311,030
Total net position, beginning of year	 14,861,304
Total net position, end of year	\$ 18,172,334

## PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Cash Flows Year Ended June 30, 2024

# CASH FLOWS FROM OPERATING ACTIVITIES

Charges to governments for inmates Other revenues Payments to suppliers Payments to employees	\$ 12,423,665 1,290,696 (5,511,617) (11,031,066)
Net cash used in operating activities	(2,828,322)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES Intergovernmental revenue received	5,043,004
Net cash provided by noncapital financing activities	5,043,004
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES	
Payments for capital asset additions Principal payments on long-term debt Principal payments on lease obligations Principal payments on subscription obligations Early lease termination of right-to-use lease asset Interest paid on long-term debt	$(511,777) \\ (144,218) \\ (98,756) \\ (10,755) \\ 15,814 \\ (24,995)$
Net cash used in capital and related financing activities	(774,687)
CASH FLOWS FROM INVESTING ACTIVITIES Interest received on pooled cash, cash equivalents and investments with fiscal agent	345,650
Net cash provided by investing activities	345,650
Net increase in pooled cash, cash equivalents and investments with fiscal agent	1,785,645
Total pooled cash, cash equivalents and investments with fiscal agent at beginning of year	6,265,460
Total pooled cash, cash equivalents and investments with fiscal agent at end of year	\$ 8,051,105

## PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Cash Flows Year Ended June 30, 2024

#### **RECONCILIATION OF OPERATING LOSS TO NET CASH USED IN OPERATING ACTIVITIES**

USED IN OFERALING ACTIVITIES	
Operating loss	\$ (2,813,875)
Adjustments to reconcile operating loss to net cash used in operating activities:	
Depreciation and amortization	1,280,545
Change in operating assets and liabilities:	
Accounts and accrued interest receivable - member jurisdictions	27,064
Due from Federal Government	(46,562)
OPEB contributions after measurement date	(209)
OPEB liability	(51,493)
Pension contributions after measurement date	(98,873)
Pension liability	(1,267,481)
Increase (decrease) in:	
Accounts payable	(47,858)
Accrued liabilities	69,422
Unearned revenues	(250,000)
Compensated absences	27,701
Net OPEB deferred flows of resources	37,612
Net differences between projected and actual earnings on	
OPEB plan investments	(42,692)
Net pension deferred flows of resources	 348,377
Net cash used in operating activities	\$ (2,828,322)
Noncash Capital and Related Financing Activities	
Issuance of intangible right-to-use lease asset and lease obligation	\$ 34,507
Capital contributions	69,633
RECONCILIATION OF TOTAL POOLED CASH, CASH	
EQUIVALENTS AND INVESTMENTS WITH FISCAL AGENT	
Pooled cash, cash equivalents and investments with fiscal agent-current	\$ 3,748,853
Restricted cash and cash equivalents with fiscal agent-noncurrent	4,302,252
Total pooled cash, cash equivalents and investments with fiscal agent	\$ 8,051,105

# PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Fiduciary Net Position June 30, 2024

#### ASSETS

\$ 80,681
\$ 80,681
\$ 29,518
 51,163
\$ 80,681
\$

# PAMUNKEY REGIONAL JAIL AUTHORITY Statement of Changes in Fiduciary Net Position Year Ended June 30, 2024

## ADDITIONS

Custodial Funds collected on behalf of Inmate Population	\$ 829,710
Total additions	 829,710
DEDUCTIONS	
Custodial Funds disbursed on behalf of Inmate Population	 829,088
Total deductions	 829,088
Increase in fiduciary net position	622
Fiduciary net position - beginning	 50,541
Fiduciary net position - ending	\$ 51,163

#### Note 1 – Summary of Significant Account Policies

- A. **Reporting Entity** The Pamunkey Regional Jail Authority ("Jail Authority"), a political subdivision of the Commonwealth of Virginia, was authorized by Chapter 726 of the 1990 Acts of the General Assembly of Virginia and formed on December 30, 1992. The participating jurisdictions of the Jail Authority are the Counties of Caroline and Hanover and the Town of Ashland. The Jail Authority is governed by a five-member board comprised of two members each from the Counties of Caroline and Hanover and one from the Town of Ashland. In an agreement between the County of Hanover, Virginia, (the "County") and the Jail Authority, the County serves as fiscal agent for the Jail Authority for which the Jail Authority reimburses the County for services provided in the areas of purchasing, finance, personnel, and data processing. The Jail Authority formulates and approves its own budget and is not a component unit of the County and is therefore not reported in the County's Annual Comprehensive Financial Report (ACFR) as a component unit.
- B. **Financial Statement Presentation** The financial statements of the Jail Authority are prepared in accordance with accounting principles generally accepted in the United States of America, ("GAAP") for an enterprise fund, which account for operations that are financed and operated in a manner similar to private business enterprises. The Jail Authority also has a fiduciary custodial account for the inmate population for which it prepares fiduciary financial statements. The intent of the Jail Authority is that the cost of providing services to the participating jurisdictions be financed or recovered through user charges to participating jurisdictions.
- C. **Basis of Accounting** The financial statements are presented on the accrual basis of accounting, wherein revenues/additions are recognized when earned and expenses/deductions are recognized when incurred.
- D. **Pooled Cash, Cash Equivalents and Investments with Fiscal Agent** Pooled cash, cash equivalents, and investments are held by the County Treasurer on behalf of the Jail Authority. Investments are reported at fair value, based on quoted market prices at year end. As of June 30, 2024, the pooled cash and investments attributed to the Jail Authority have been allocated to the Jail Authority based upon their respective ownership percentage. Investment earnings and losses and fees are allocated to the Jail Authority based upon their respective average monthly equity balance in the pooled account. The Jail also has two separate accounts from the fiscal agent: Inmate Canteen Fund, which is used for the benefit of the overall inmate population and Inmate custodial account, which the Jail is a fiduciary for individual inmate account balances.
- E. **Restricted Assets** The Jail Authority's restricted assets consists of pension/OPEB and operating reserves, which, at June 30, 2024 were as follows:

Operating reserve	\$ 4,281,729
Canteen for Inmate Population	20,523
Pension and OPEB	1,655,844
	\$ 5,958,096

It is the Jail Authority's policy to use restricted resources first, then unrestricted resources as they are needed.

#### Note 1 – Summary of Significant Account Policies (Continued)

- F. Allowances for Uncollectibles In accordance with the Jail Authority's relationship with member jurisdictions and factoring in their credit worthiness, and ability to pay their billings, no allowance has been established for uncollectible accounts.
- G. **Capital Assets** All property, plant, and equipment is recorded at cost. Intangible right-to-use assets are initially measured as the initial amount of the lease or subscription obligation, adjusted for payments made at or before the commencement of the lease or subscription, plus certain indirect costs. The capitalization threshold is \$5,000 with a useful life of greater than one year. Capital assets are depreciated and amortized using the straight-line method over the following estimated useful lives. Land and intangible assets with indefinite useful lives are not depreciated or amortized. There were no impaired capital assets at year end.

The estimated useful lives of the Jail Authority's capital assets are as follows:

Buildings	35 years
Improvements other than buildings	10-20 years
Vehicles and Equipment	5-15 years
Intangible right-to-use lease asset - buildings	3-5 years
Intangible right-to-use lease asset – equipment	3-5 years
Intangible right-to-use subscription asset	5-7 years

H. **Lessee** – The Jail Authority is a lessee for a noncancellable lease of certain vehicles and equipment and buildings. The Jail Authority recognizes a lease liability and intangible right-to-use lease assets (lease assets) in the government-wide financial statements. The Jail Authority recognizes lease assets with an initial, individual value of \$5,000 or more.

At the commencement of the lease, the Jail Authority initially measures the lease liability at the present value of payments expected to be made during the lease term. Subsequently, the lease liability is reduced by the principal portion of lease payments made. The lease asset is initially measured as the initial amount of the lease liability, adjusted for lease payments made at or before the lease commencement date, plus certain initial direct costs. Subsequently, the lease asset is amortized on a straight-line basis over its useful life.

Key estimates and judgements related to leases include how the Jail Authority determines (1) the discount rate it uses to discount the expected lease payments to present value, (2) lease term, and (3) lease payments.

- The Jail Authority uses the interest rate charged by the lessor as the discount rate. When the interest rate charged by the lessor is not provided, the Jail Authority uses its estimated incremental borrowing rate as the discount rate for leases.
- The lease term includes the noncancellable period of the lease. Lease payments included in the measurement of the lease liability are composed of fixed payments and purchase option price that the Jail Authority is reasonably certain to exercise.

The Jail Authority monitors changes in circumstances that would require a remeasurement of its lease and will remeasure the lease asset and liability if certain changes occur that are expected to significantly affect the amount of the lease liability.

#### Note 1 – Summary of Significant Account Policies (Continued)

Lease assets are reported with other capital assets and lease liabilities are reported with long-term debt on the statement of net position.

*Lessor:* The Jail Authority recognizes a lease receivable and a deferred inflow of resources in the government-wide financial statements.

At the commencement of the lease, the Jail Authority initially measures the lease receivable at the present value of payments expected to be received during the lease term. Subsequently, the lease receivable is reduced by the principal portion of lease payments receivable, adjusted for lease payments received at or before the lease commencement date. Subsequently, the deferred inflow of resources is recognized as revenue over the life of the lease term.

Key estimates and judgements include how the Jail Authority determines (1) the discount rate is uses to discount the expected lease receipts to present value, (2) lease term, and (3) lease receipts.

- The Jail Authority uses its estimated incremental borrowing rate as the discount rate for leases.
- The lease term includes the noncancellable period of the lease. Lease receipts included in the measurement of the lease receivable is composed of fixed payments from the lessee.

At June 30, 2024, the Jail Authority did not have any lessor agreements as described above.

I. **Subscription-Based Information Technology Arrangements (SBITAs)** – For new or modified contracts, the Jail Authority determines whether the contract is a SBITA. If a contract is determined to be, or contain, a SBITA with a non-cancellable term in excess of 12 months (including any options to extend or terminate the subscription when exercise is reasonably certain), the Jail Authority records a subscription asset and subscription obligation which is calculated based on the value of the discounted future subscription payments over the term of the subscription. If the interest rate implicit in the subscription is not readily determinable, the Jail Authority will use the applicable incremental borrowing rate in the calculation of the present value of the subscription payments.

The Jail Authority recognizes a subscription liability and subscription asset on the Statement of Net Position. Subscriptions with an initial, non-cancellable term of 12 months or less are not recorded on the Statement of Net Position and expense is recognized as incurred over the subscription term.

At the commencement of a SBITA, the Jail Authority measures the subscription liability at the present value of payments expected to be made during the subscription term and then reduces the liability by the principal portion of the subscription payments made. The subscription asset is measured at the initial amount of the subscription liability, adjusted for subscription payments made at or before the subscription commencement date, plus certain initial direct costs, then amortized on a straight-line basis over the subscription term.

Subscription payments are apportioned between interest expense and principal based on an amortization schedule calculated using the effective interest method.

#### Note 1 – Summary of Significant Account Policies (Continued)

- J. Vacation, Sick, and Holiday Leave Jail Authority employees earn vacation and sick leave in varying amounts on a semi-monthly basis, based upon length of service. Annual carry over limitations apply to vacation hours but not to sick leave. Employees are compensated for unused vacation and sick leave upon separation, retirement, or death based upon years of service and limited to a maximum dollar amount. Holidays earned by an employee, classified as essential personnel, will be those days specified by the Jail Authority to be taken. All non-essential personnel, as designated by the Jail Superintendent, will take the twelve scheduled holidays granted per year unless ordered otherwise.
- K. **Operating and Non-Operating Revenues, Expenses** The Jail Authority reports as operating revenues charges for inmates of member jurisdictions, as well as bed rentals of federal prisoners from the U.S. Department of Homeland Security and the United States Marshals. The Jail Authority reports categorical aid from the Commonwealth of Virginia as non-operating revenues. The Jail Authority reports as operating expenses those costs such as salaries for personnel to operate the Jail, contractual services for outside contractors and depreciation expense. The Jail Authority reports as nonoperating revenue and expense amounts arising from interest earned on cash held and interest incurred on the outstanding debt.
- L. **Estimates** The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and deferred outflows of resources, liabilities and deferred inflows of resources, and net position and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.
- M. **Budget** The Jail Superintendent must annually submit a balanced budget to the Jail Authority Board in October. The budget denotes per diem rates charged to member jurisdictions and line item revenues and expenses. The Jail Authority must adopt a final annual budget on or before January 1.

The Jail Authority designates, in accordance with its bond covenants, an operating reserve fund in each of its annual budgets in an amount equal to not less than 90 days of its projected annual budget for each year less debt service. This operating reserve amounted to \$4,281,729 for June 30, 2024.

N. **Risk Management** – The Jail Authority's risk management program involves maintaining comprehensive insurance coverage and identifying and monitoring loss exposure. The Jail Authority's comprehensive property, boiler and machinery, automobile, business interruption, inland marine, and workers' compensation insurance is provided through the Virginia Association of Counties (VACo).

General liability and faithful performance of duty bond coverages provided by the Commonwealth of Virginia, Department of General Services, and Division of Risk Management. There was no reductions in insurance coverage for the last three fiscal years.

#### Note 1 – Summary of Significant Account Policies (Continued)

- O. **Deferred Outflows/Inflows of Resources** In addition to assets, the Statement of Net Position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net assets that applies to a future period and so will not be recognized as an outflow of resources (expenditure) until then. The Jail Authority have several items that qualify for reporting in this category. The items relate to the pension plan and the other postemployment benefits (OPEB) plans. See Notes 7, 8, 9, 10 and 11 for details regarding these items. In addition to liabilities, the Statement of Net Position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net assets that applies to a future period and so will not be recognized as an inflow of resources (revenue) until that time. Several types of items qualify for reporting in this category. The items relate to the pension plan and the OPEB plans. See Notes 7, 8, 9, 10 and 11 for details regarding these items relate to the pension plan and the OPEB plans. See Notes 7, 8, 9, 10 and 11 for details regarding these items.
- P. Pension Plan The Jail Authority participates in the Virginia Retirement System (VRS) Political Subdivision Retirement Plan, a multi-employer, agent plan. For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pension, and pension expense, information about the fiduciary net position of the Political Subdivision Retirement Plan and the additions to/deductions from the Political Subdivision Retirement Plan's fiduciary net position have been determined on the same basis as they were report by the VRS. For this purpose, 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.
- Q. Retiree Medical Benefits Plan and Trust The Jail Authority's fiscal agent, Hanover County, has established the Hanover County Retiree Medical Benefits Plan a multiple-employer defined benefit plan and related Trust to provide health insurance benefits to the employees and retired employees of the County and other participating employers including the Jail Authority. The Hanover County Finance Board, established pursuant to Virginia Code § 15.2-1547, is responsible for the oversight of the Hanover Retiree Medical Benefits Trust, established pursuant to Virginia § Code 15.2-1544, which provides its authority under which benefit terms are established or may be amended. The related Medical Trust OPEB asset, deferred outflows or resources and deferred inflows of resources related to the Medical Trust OPEB Plan, and Medical Trust OPEB expense have been measured and reported in accordance with GAAP as prepared by the County's external actuary. Additionally, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.
- R. **Group Life Insurance** The Jail Authority participates in the VRS Group Life Insurance (GLI) program. The VRS GLI Program is a multiple employer, cost-sharing plan. It provides coverage to state employees, teachers, and employees of participating political subdivisions. The GLI Program was established pursuant to § 51.1-500 et seq. of the Code, as amended, and which provides the authority under which benefit terms are established or may be amended. The GLI Program is a defined benefit plan that provides a basic group life insurance benefit for employees of participating employers. For purposes of measuring the net GLI Program OPEB liability, deferred outflows of resources and deferred inflows of resources related to GLI Program OPEB, and GLI Program OPEB expense, information about the fiduciary net position of the VRS GLI Program OPEB and the additions to/deductions from the VRS GLI Program OPEB's net fiduciary position have been determined on the same basis as they were reported by VRS. In addition benefits payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

#### Note 1 – Summary of Significant Account Policies (Concluded)

S. **Health Insurance Credit program** – The Jail Authority participates in the VRS Health Insurance Credit (HIC) program.

The Political Subdivision HIC Program is an agent multiple-employer defined benefit plan that provides a credit toward the cost of health insurance coverage for retired political subdivision employees of participating employers. The Political Subdivision HIC Program was established pursuant to §51.1-508 of the Code, as amended, and which provides the authority under which benefit terms are established or may be amended. For purposes of measuring the net Political Subdivision HIC Program OPEB liability, deferred outflows of resources and deferred inflows of resources related to the Political Subdivision HIC Program OPEB; and the Political Subdivision HIC Program OPEB expense, information about the fiduciary net position of the VRS Political Subdivision HIC Program; and the additions to/deductions from the VRS Political Subdivision HIC's net fiduciary position have been determined on the same basis as they were reported by VRS. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

T. **Subsequent Events** – The Jail Authority has evaluated subsequent events through November 6, 2024, the date on which the financial statements were available to be issued.

#### Note 2 - Pooled Cash, Cash Equivalents and Investments with Fiscal Agent

The County acts as a fiscal agent for the Jail Authority. Accordingly, the Jail Authority follows the deposit and investment guidelines of the County. As of June 30, 2024, the Jail Authority's carrying value of deposits and investments as part of the County pooled cash and investments was \$8,030,582.

All cash of the Jail Authority's enterprise funds, except for cash of the canteen fund for the inmate population are maintained by the County in accounts collateralized in accordance with the Virginia Security for Public Deposits Act (the "Act"), Section 2.2-4400 et. seq. of the *Code of Virginia*. Under the Act, banks and savings institutions holding public deposits in excess of the amount insured by the Federal Deposit Insurance Corporation must pledge collateral to the Commonwealth of Virginia Treasury Board. Financial institutions may choose between two collateralization methodologies and depending upon the choice, will pledge collateral that ranges in the amounts from 50% to 130% of excess deposits. Accordingly, all deposits are considered fully collateralized.

All cash and cash equivalents of the Jail Authority's custodial fund and the Canteen Fund for Inmate population are maintained by the Jail Authority in one financial institution. This account is restricted and solely used for the inmate population. The cash funds are only represented in the Jail's checking account for the custodial inmate account. These balances are insured by the Federal Deposit Insurance Corporation ('FDIC") up to \$250,000. The balances as of June 30, 2024 were not in excess of the FDIC limit at June 30, 2024.

#### Note 2 - Pooled Cash, Cash Equivalents and Investments with Fiscal Agent (Continued)

Pooled Investments are in accordance with Section 2.2-4500 of the *Code of Virginia* and other applicable law and regulations. The County's investment policy (the "Policy") permits investments in obligations of the United States or agencies thereof; held directly, by collateralized repurchase agreement, or in mutual funds registered under the Investment Company Act of 1940, whose portfolios are restricted to U.S. and U.S. agency obligations, obligations of the Commonwealth of Virginia or political subdivisions thereof, obligations of the International Bank for Reconstruction and Development (the World Bank), the Asian Development Bank, the African Development Bank, "prime quality" commercial paper, certain corporate notes, bankers' acceptances, and repurchase agreements, savings accounts or time deposits in approved banks or savings institutions within the Commonwealth, and the Commonwealth of Virginia Treasurer's Local Government Investment Pool, (the LGIP, a 2a-7 like pool). The County Policy establishes limitations on the holding of non-US Government obligations by type of instrument. The maximum percentage of the portfolio (book value at the date of acquisition) permitted in each type of security is as follows:

Money Market mutual funds	75% maximum
Repurchase agreements	50% maximum
Negotiable certificates of deposits/bank notes	25% maximum
Corporate notes	25% maximum
Bankers' acceptance	25% maximum
Commercial paper	25% maximum
State bonds, notes and other evidences of indebtedness	20% maximum
County, town, city, district, authority or other public body	
bonds, notes and other evidences of indebtedness	20% maximum

The following tables present the credit rating for the pooled cash and cash equivalents and investments with fiscal agent at fair value at June 30, 2024:

	F	air Value											
Assets:	Ju	ne 30, 2024	AAA/AAAm		), 2024 AAA/AAAm		I	AA		Α		N/A	
Cash & Equivalents	\$	851,101	\$	-	\$	-	\$	-	\$	851,101			
Demand/Time Deposits		240,566		-		10,985	229	,581		-			
Money Market Fund		295,993		295,993		-		-		-			
US Treasury Securities		2,210,244		-	2,2	10,244		-		-			
Supranational		47,750		47,750		-		-		-			
Corporate Notes/Bonds		555,045		-	3	59,289	195	,756		-			
LGIP EM		291,340		-		-		-		291,340			
Municipal Bonds		28,680		7,305		21,375		-		-			
Total	\$	4,520,719	\$	351,048	\$ 2,6	01,893	\$425	,337	\$1	,142,441			

#### Note 2 - Pooled Cash, Cash Equivalents and Investments with Fiscal Agent (Continued)

The following tables present pooled cash and cash equivalents and investments with fiscal agent at fair value at June 30, 2024:

	Fair Value Level 1		Level 2 Level 3		N/A	
Cash and cash equivalents in pooled funds	\$ 830,578	\$ -	\$ -	\$ -	\$ 830,578	
Cash and cash equivalents not in pooled funds	20,523	-	-	-	20,523	
Investments in pooled funds	3,669,618	1,873,492	968,227		827,899	
	4,520,719	\$ 1,873,492	\$968,227	\$ -	\$ 1,679,000	
Cash equivalents and short-term investments						
measured at the amortized costs:						
LGIP	3,530,386					
Total	\$ 8,051,105					

<u>Interest Rate Risk</u>: As a means of limiting exposure to fair value losses arising from interest rates, the County's pooled investment portfolio precedes or coincides with the expected need of funds. The County's policy also limits the investment of operating funds to investments with a stated maturity of no more than five years from the date of purchase, except proceeds from the sale of bonds, which must be invested in compliance with the specific requirement of bond covenants, and may be invested in securities with longer maturities.

<u>Credit Risk:</u> As required by the State statute, the County's Policy requires that commercial paper have a short-term debt rating of no less than A-1 (or its equivalent) from at least two of the following: Moody's Investors Service, Standard & Poor's and Fitch Ratings, and that its maturity may not exceed 270 days and the issuing corporation, or its guarantor must have a net worth of at least \$50 million and the issuer's net income must average \$3 million for the five previous years.

(Remainder of page intentionally left blank)
#### Note 2 – Pooled Cash, Cash Equivalents and Investments with Fiscal Agent (Concluded)

Corporate notes must have a rating of at least "AA" by Standard & Poor's and "Aa" by Moody's Investor Service. The final maturity shall not exceed a period of 5 years from the time of purchase. Notes having a maturity of greater than one year must be rated "AA" by Standard & Poor's and "Aa" by Moody's Investor Service. Negotiable Certificates of Deposit and Bank Deposit Notes maturing in less than one year must have a short-term debt rating of at least "A-1" by Standard & Poor's and "P-1" by Moody's Investor Service. Notes having a maturity of greater than one year must be rated "AA" by Standard & Poor's and "P-1" by Moody's Investor Service. Notes having a maturity of greater than one year must be rated "AA" by Standard & Poor's and "Aa" by Moody's Investor Service. The County's pooled debt investments as of June 30, 2024 were rated by Standard & Poor's and/or an equivalent nationally recognized statistical rating organization. Deposits and investments not exposed to credit quality risk, as defined by GAAP, are designated as not applicable (N/A) in the credit rating column, and those that are not rated are designated as N/R.

The Trust Policy requires that the Trust's fixed income investments shall not exceed 5% of the total bond portfolio at the time of purchase. The 5% limitation does not apply to the issues of the US Treasury or other Federal Agencies. The overall rating of fixed income assets as calculated by the Advisor shall be investment grade, based on the rating of one Nationally Recognized Statistical Rating Organization.

<u>Concentration of Credit Risk</u>: The County Policy has limitations on the pooled investment portfolio composition by issuer in order to control concentration of credit risk. No more than five percent of the pooled investment portfolio will be invested in the securities of any single issuer with the following exceptions:

US Treasury	100% maximum
LGIP	100% maximum
Money Market mutual funds	50% maximum
Each Federal agency	35% maximum
Each repurchase agreement counterparty	25% maximum

<u>Custodial Credit Risk - Deposits:</u> For deposits, custodial credit risk is the risk that in the event of a failure of a depository financial institution, the reporting entity may not recover its deposits. The County's deposits at June 30, 2024 were fully insured under the Virginia Security for Public Deposits Act and are therefore not considered to be subject to custodial credit risk.

<u>Custodial Credit Risk – Investments:</u> For investments, custodial risk is the risk that, in the event of the failure of the counterparty, the reporting entity will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The County's policy requires that all investment securities purchased for the County be held by the County or by the County's designated custodian. If held by a custodian, the securities must be in the County's or the custodian's nominee name and identifiable on the custodian's books as belonging to the County and the custodian must be a third-party, not a counterparty to the investment transaction.

As of June 30, 2024, all of the County's pooled investments were held by the trust department of the County's custodial bank in the County's name.

# Note 3 – Capital Assets

The following schedule denote the changes in capital assets for the year ended June 30, 2024:

	Balance June 30, 2023	Increases	Decreases/ Transfers	Balance June 30, 2024
Capital assets not being depreciated:		_		
Land	\$ 70,825		\$ -	\$ 70,825
Construction in progress	. <u> </u>	- 66,779	-	66,779
Total capital assets not being depreciated	70,825	5 66,779	-	137,604
Capital assets being depreciated:				
Buildings	27,833,636	- 5	-	27,833,636
Improvements other than buildings	3,822,849	50,389	-	3,873,238
Vehicles and equipment	1,877,181	464,242	(87,747)	2,253,676
Intangible right-to-use lease assets - buildings	196,291	- 1	-	196,291
Intangible right-to-use lease assets - vehicles and equipment	118,129	34,507	(25,692)	126,944
Intangible right-to-use subscription assets - equipment	62,271	- 1	-	62,271
Total capital assets being depreciated	33,910,357	549,138	(113,439)	34,346,056
Less accumulated depreciation and amortization for:				
Buildings	(19,967,478	8) (812,675)	-	(20,780,153)
Improvements other than buildings	(1,528,255		-	(1,734,547)
Vehicles and equipment	(1,251,460	/ / /	87,747	(1,330,987)
Intangible right-to-use lease assets - buildings	(98,146		-	(147,219)
Intangible right-to-use lease assets - vehicles and equipment	(38,727	7) (34,401)	9,878	(63,250)
Intangible right-to-use subscription assets	(10,830	)) (10,830)	-	(21,660)
Total accumulated depreciation	(22,894,896	6) (1,280,545)	97,625	(24,077,816)
Total capital assets being depreciated, net	11,015,461	(731,407)	(15,814)	10,268,240
Total capital assets, net	\$ 11,086,286	6 \$ (664,628)	\$ (15,814)	\$ 10,405,844

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#### Note 4 – Noncurrent Liabilities

**Series 2016 Jail Energy Conservation Note.** On September 29, 2016, the Jail Authority issued \$2,187,501 of Series 2016 jail energy conservation note with an interest rate of 3.40% to fund an Energy Conservation project to help make the Jail facility more energy efficient and to save on energy related costs. The issuance costs were \$136,751. The 15 year note has semi-annual debt payments on April and October of each year and will mature on October 1, 2031. The note is funded through the Virginia Saves program in which the Jail Authority receives an IRS tax subsidy and the debt is paid for entirely through energy cost savings over the 15 year period of the note.

The Jail Authority had no accrued bond interest payable as of June 30, 2024.

The energy cost savings are guaranteed by the project vendor, Siemens, of the energy conservation project, which was completed in June 2017.

The following schedule reflects changes in long-term liabilities for the year ended June 30, 2024:

									1	Amount
		Balance						Balance	Du	e Within
	Ju	ne 30, 2023	I	ncreases	D	ecreases	Ju	ne 30, 2024	C	One Year
Series 2016										
Energy Conservation										
revenue note	\$	1,352,324	\$	-	\$	144,218	\$	1,208,106	\$	145,693
Total revenue note		1,352,324		-		144,218		1,208,106		145,693
Compensated absences		914,493		83,048		55,347		942,194		57,024
Lease obligations		180,978		34,506		98,756		116,728		78,659
Subscription obligations		51,552		-		10,755		40,797		12,093
Net other postemployment										
benefits		460,024		-		33,018		427,006		_
Total long-term liabilities	\$	2,959,371	\$	117,554	\$	342,094	\$	2,734,831	\$	293,469

Debt Service Requirements on outstanding long-term liabilities were composed of the following at June 30, 2024:

	Revenue					
Year(s) Ending June 30,	De	bt Principal	De	ebt Interest	Т	otal Payment
2025	\$	145,693	\$	13,021	\$	158,714
2026		147,182		10,057		157,239
2027		148,687		8,552		157,239
2028		150,206		7,032		157,238
2029		151,742		5,497		157,239
2030-2032		464,596		5,647		470,243
Total	\$	1,208,106	\$	49,806	\$	1,257,912

#### Note 4 – Noncurrent Liabilities (Concluded)

Lease Obligations: The Jail leases assets from a number of vendors, including leases for office space, office equipment and vehicles. The lease durations for vehicles and office equipment are typically three years. The duration of office space is for five years. Amounts are paid on a monthly basis with no variable components noted. Additionally, there are no residual terms or guarantees. The lease assets are presented as intangible right-to-use assets on the Statement of Net Position and in the footnote 3 for Capital Assets and the lease obligations are outlined in footnote 4 for Noncurrent Liabilities. As stated rates were unavailable in the lease agreements, the discount rate used to determine the liability amount was the Jail's incremental borrowing rate of 4.75% for the 2021 Ford Explorer, 2021 Dodge Durango and Modular Training Center. The incremental borrowing rate was 6.25% at the 2022 Ford Explorer's lease inception, 7.00% at the Taser equipment's lease inception and 8.50% at the 2024 Kia Telluride's lease inception.

The principal and interest to maturity on these lease obligations at June 30, 2024 are as follows:

		Lease			
Year Ending June 30,	Principal		Interest	Т	otal Payment
2025	\$ 78,0	59 \$	5,488	\$	84,147
2026	20,4	-09	2,516		22,925
2027	17,0	60	917		18,577
Total	\$ 116,7	28 \$	8,921	\$	125,649

<u>Subscription Obligations</u>: The Jail has a subscription agreement to use a web-based correctional training courses software from Relias LLC. The subscription agreement is seven years. Amounts are paid on an annual basis with no variable components noted. Additionally, there are no residual terms or guarantees. The subscription assets are presented as intangible right-to-use assets on the Statement of Net Position and in the footnote 3 for Capital Assets and the subscription obligations are outlined in footnote 4 for Noncurrent Liabilities. As stated rates were unavailable in the subscription agreements, the discount rate used to determine the liability amount was the Jail's incremental borrowing rate of 8.25%.

The principal and interest to maturity on these subscription obligations at June 30, 2024 are as follows:

	Subscription Obligations				
Year Ending June 30,	Pr	rincipal	Interest	Tot	tal Payment
2025	\$	12,093 \$	3,366	\$	15,459
2026		13,554	2,368		15,922
2027		15,150	1,250		16,400
Total	\$	40,797 \$	6,984	\$	47,781

#### Note 5 – Compensated Absences

The Jail Authority has accrued \$942,194 at June 30, 2024, as the liability arising from compensated absences. The compensated absences liability for the Jail Authority is accounted for using the last in-first out basis, which is under the assumption that the employees are taking time as it is earned; therefore, the current portion to report as of June 30, 2024 was \$57,024.

#### Note 6 - Commitments and Contingent Liabilities

**Contingent Liabilities** – Various claims and lawsuits are pending against the Jail Authority. In the opinion of Jail management and legal counsel, resolution of these cases would not involve a substantial liability for the Jail Authority.

Certain expenses of grant funding are subject to audit by the grantor, and the Jail Authority is contingently liable to refund amounts received in excess of allowable expenses. In the opinion of the management of the Jail Authority, no material refunds will be required as a result of expenditures disallowed by the grantors.

#### Note 7 – Defined Benefit Pension Plan

**Plan Description** – All full-time, salaried permanent employees of the Political Subdivision are automatically covered a VRS 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 the 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 – 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 that follows.

PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
About VRS Plan 1 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.	About VRS Plan 2 Same as Plan 1.	<ul> <li>About the Hybrid Retirement Plan</li> <li>The Hybrid Retirement Plan combines the features of a defined benefit plan and a defined contribution plan.</li> <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 contributions, investment gains or losses, and any required fees.</li> </ul>

Eligible Members	Eligible Members	Eligible Members
Employees are in Plan 1 if their	Employees are in Plan 2 if	Employees are in the Hybrid
membership date is before July 1,	their membership date is on or after	Retirement Plan if their
2010, and they were vested as of	July 1, 2010, or their membership	membership date is on or after
January 1, 2013, and they have not	date is before July 1, 2010, and they	January 1, 2014. This includes:
taken a refund.	were not vested as of January 1,	<ul> <li>Political subdivision employees*</li> </ul>
	2013.	• Members in Plan 1 or Plan 2 who
Hybrid Opt-In Election		elected to opt into the plan during
VRS non-hazardous duty covered	Hybrid Opt-In Election	the election window held January 1-
Plan 1 members were allowed to	Plan 2 members were allowed to	April 30, 2014; the plan's effective
make an irrevocable decision to opt	make an irrevocable decision to opt	date for opt-in members was July 1,
into the Hybrid Retirement Plan	into the Hybrid Retirement Plan	2014
during a special election window	during a special election window	
held January 1 through April 30,	held January 1 through April 30,	*Non-Eligible Members
2014.	2014.	Some employees are not eligible to
		participate in the Hybrid Retirement
The Hybrid Retirement Plan's	The Hybrid Retirement Plan's	Plan.
effective date for eligible VRS Plan	effective date for eligible Plan 2	They include:
1 members who opted in was July	members who opted in was July 1,	<ul> <li>Political subdivision employees</li> </ul>
· · ·	2014.	who are covered by enhanced
1, 2014.		benefits for hazardous duty
	If eligible deferred members	employees
If eligible deferred members	returned to work during the	
returned to work during the	election window, they were also	Those employees eligible for an
election window, they were also	eligible to opt into the Hybrid	ORP must elect the ORP plan or the
eligible to opt into the Hybrid	Retirement Plan.	Hybrid Retirement Plan. If these
Retirement Plan.		members have prior service under
	Members who were eligible for an	VRS Plan 1 or VRS Plan 2, they are
Members who were eligible for an	ORP and have prior service under	not eligible to elect the
optional retirement plan (the	Plan 2 were not eligible to elect the	Hybrid Retirement Plan and must
"ORP") and had prior service under	Hybrid Retirement Plan and remain	select VRS Plan 1 or VRS Plan 2
Plan 1 were not eligible to elect the	as Plan 2 or ORP.	(as applicable) or ORP.
Hybrid Retirement Plan and remain		
as Plan 1 or ORP.		

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

Vesting	Vesting	Vesting
Vesting is the minimum length of	Same as Plan 1.	<b>Defined Benefit Component:</b>
service a member needs to qualify		Defined benefit vesting is the
for a future retirement benefit.		minimum length of service a
Members become vested when they		member needs to qualify for a
have at least five years (60 months)		future retirement benefit. Members
of service credit. Vesting means		are vested under the defined benefit
members are eligible to qualify for		component of the Hybrid
retirement if they meet the age and		Retirement Plan when they reach
service requirements for their plan.		five years (60 months) of service credit. Plan 1 or Plan 2 members
Members also must be vested to		
receive a full refund of their		with at least five years (60 months)
member contribution account		of service credit who opted into the Hybrid Retirement Plan remain
balance if they leave employment		vested in the defined benefit
and request a refund.		component.
		•
Members are always 100% vested		Defined Contributions
in the contributions that they make.		Component:
		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.
		Members are always 100% vested in the contributions that they make.
		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.
		•After two years, a member is
		50% vested and may withdraw
		50% of employer contributions.
		• After three years, a member is
		75% vested and may withdraw
		75% of employer contributions.
		• After four or more years, a
		member is 100% vested and may
		withdraw 100% of employer
		contributions.
		Distributions not required, except
		as governed by law until age 73.

<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	<b>Calculating the Benefit</b> See definition under Plan 1.	Calculating the Benefit Defined Benefit Component: See definition under Plan 1 Defined Contribution Component: The benefit is based on contributions made by the member and any matching contributions
form of retirement payment, an option factor specific to the option chosen is then applied.		made by the employer, plus net investment earnings on those contributions.
Average Final Compensation A member's average final compensation is the average of the 36 consecutive months of highest compensation as a covered employee.	Average Final Compensation A member's average final compensation is the average of their 60 consecutive months of highest compensation as a covered employee.	Average Final Compensation Same as Plan 2. It is used in the retirement formula for the defined benefit component of the plan.
Service Retirement Multiplier The retirement multiplier is a factor used in the formula to determine a final retirement benefit. The retirement multiplier for non- hazardous duty members is 1.7%. The retirement multiplier for sheriffs and regional jail superintendents is 1.85%.	Service Retirement Multiplier Same as Plan1 for service earned, purchased or granted prior to January 1, 2013. For non- hazardous duty members the retirement multiplier is 1.65% for service credit earned, purchased or granted on or after January 1, 2013. Sheriffs and regional jail superintendents same as Plan 1.	Service Retirement Multiplier The retirement multiplier is 1.0%. For members that 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. Sheriffs and regional jail superintendents: not applicable.
Normal Retirement Age Age 65.	<b>Normal Retirement Age</b> Normal Social Security retirement age.	Normal Retirement Age <u>Defined Benefit Component:</u> Same as Plan 2. <u>Defined Contribution</u> <u>Component:</u> Members are eligible to receive distributions upon leaving employment, subject to restrictions.

Earliest Unreduced Retirement Eligibility Members who are not in hazardous duty positions are eligible for an unreduced retirement benefit at age 65 with at least five years (60 months) of service credit or at age 50 with at least 30 years of service credit.	Earliest Unreduced Retirement Eligibility Members who are not in hazardous duty positions are eligible for an unreduced retirement benefit when they reach normal Social Security retirement age and have at least five years (60 months) of service credit or when their age and service equal 90.	Earliest Unreduced Retirement Eligibility Defined Benefit Component: Members are eligible for an unreduced retirement benefit when they reach normal Social Security retirement age and have at least five years (60 months) of service credit or when their age plus service equal 90. Defined Contribution Component: Members are eligible to receive distributions upon leaving employment, subject to restrictions.
Earliest Reduced Retirement Eligibility Members may retire with a reduced benefit as early as age 55 with at least five years (60 months) of service credit or age 50 with at least 10 years of service credit.	Earliest Reduced Retirement Eligibility Members may retire with a reduced benefit as early as age 60 with at least five years (60 months) of service credit.	Earliest Unreduced Retirement Eligibility Defined Benefit Component: Members may retire with a reduced benefit as early as age 60 with at least five years (60 months) of service credit. Defined Contribution Component: Members are eligible to receive distributions upon leaving employment, subject to restrictions.
<b>Cost-of-Living Adjustment</b> (the "COLA") in Retirement The COLA matches the first 3% increase in the Consumer Price Index for all Urban Consumers (the "CPI-U") and half of any additional increase (up to 4%) up to a maximum COLA of 5%.	<b>Cost-of-Living Adjustment in</b> <b>Retirement</b> The COLA Adjustment matches the first 2% increase in the CPI-U and half of any additional increase (up to 2%), for a maximum COLA of 3%.	Cost-of-Living Adjustment in Retirement Defined Benefit Component: Same as VRS Plan 2. Defined Contribution Component: Not applicable.

Eligibility:	Eligibility:	Eligibility:
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.	Same as Plan 1.	Same as Plan 1 and Plan 2.
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.		
Exceptions to COLA Effective	Exceptions to COLA Effective	Exceptions to COLA Effective
Dates:	Dates:	Dates:
The COLA is effective July 1	Same as Plan 1	Same as Plan 1 and Plan 2.
following one full calendar year		
(January 1 to December 31) under		
any of the following circumstances:		
• The member is within five years		
of qualifying for an unreduced		
retirement benefit as of January 1, 2013.		
• The member retires on disability.		
• The member retires directly from		
short-term or long-term disability		
under the Virginia Sickness and		
Disability Program (the "VSDP").		
• 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.		
• The member dies in service and		
the member's survivor or		
beneficiary is eligible for a monthly		
death-in-service benefit. 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.		

<b>Disability Coverage</b> Members who are eligible to be	<b>Disability Coverage</b> Members who are eligible to be	<b>Disability Coverage</b> Eligible political subdivision and
considered for disability retirement and retire on disability, the	considered for disability retirement and retire on disability, the	school division (including Plan 1 and Plan 2 opt-ins) participate in the
retirement multiplier is 1.7% on all service, regardless of when it was	retirement multiplier is 1.65% on all service, regardless of when it was	Virginia Local Disability Program (the "VLDP") unless their local
earned, purchased or granted.	earned, purchased or granted.	governing body provides and employer-paid comparable program for its members.
		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.
<b>Purchase of Prior Service</b> Members may be eligible to	<b>Purchase of Prior Service</b> Same as Plan 1.	Purchase of Prior Service <u>Defined</u> <u>Benefit Component:</u> Same as Plan
purchase service from previous		1, with the following exception:
public employment, active duty		• Hybrid Retirement Plan members
military service, an eligible period of leave or VRS refunded service as		are ineligible for posted services.
service credit in their plan.		Defined Contribution
		Component:
Prior service credit counts toward		Not applicable.
vesting, eligibility for retirement and the health insurance credit.		
Only active members are eligible to		
purchase prior service. When		
buying service, members must		
purchase their most recent period of		
service first. Members also may be eligible to purchase periods of leave		
without pay.		

#### Note 7 – Defined Benefit Pension Plan (Continued)

**Employees Covered by Benefit Terms -** As of the June 30, 2022 actuarial valuation, the following employees were covered by the benefit terms of the pension plan:

	Number
Inactive members or their beneficiaries current receiving benefits	81
Inactive members:	
Vested	38
Non-vested	132
Active elsewhere in VRS	140
Active members	103
Total covered employees	494

**Contributions** – The contribution requirement for active employees is governed by Title 51.1-145 of the *Code of Virginia*, as amended, but may be impacted as a result of funding options provided to political subdivisions by the Virginia General Assembly. Employees are required to contribute 5.00% of their compensation toward their retirement. The Jail Authority's contractually required employer contribution rate for the year ended June 30, 2024 was 15.62% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2021. This 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. Contributions to the pension plan from the Jail Authority were \$1,087,061 and \$988,151 for the years ended June 30, 2024 and 2023, respectively.

**Net Pension Asset/Liability** – The net pension liability (NPL) is calculated separately for each employer and represents that particular employer's total pension liability determined in accordance with GASB Statement No. 68, less that employer's fiduciary net position. For the Jail Authority, the net pension liability was measured as of June 30, 2023. At June 30, 2024, the Jail Authority reported a net pension asset of \$1,480,960. The total pension liability used to calculate the net pension asset was determined by an actuarial valuation performed as of June 30, 2022, rolled forward to the measurement date of June 30, 2023.

Actuarial Assumptions – The total pension asset/liability for General Employees in the Political Subdivision's Retirement Plan was based on an actuarial valuation as of June 30, 2022, 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, 2023:

Inflation	2.50%
Salary increases, including inflation:	
General employees	3.50% - 5.35%
Hazardous duty employees	3.50% - 4.75%
Investment rate of return	6.75%, net of pension plan investment expenses, including inflation

#### Note 7 – Defined Benefit Pension Plan (Continued)

#### Mortality rates - Non-Largest Ten Locality Employers - General Employees

#### Mortality Rates:

15% of deaths are assumed to be service related.

#### Pre-Retirement:

Pub-2010 Amount Weighted Safety Employee Rates projected generationally; 95% of rates for males; 105% of rates for females set forward 2 years

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Retiree Rates projected generationally; 110% of rates for males; 105% of rates for females set forward 3 years.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disabled Rate projected generationally; 95% of rates for males set back 3 years; 90% of rates for females set back 3 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally; 110% of rates for males and females set forward 2 years.

#### Mortality Improvement:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in discount rate, which was based on VRS Board action effective as of July 1, 2021. 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 PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.
Retirement Rates	Adjusted rates to better fit experience for Plan 1; set separate rates based on experience for Plan 2/Hybrid; changed final retirement age.
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service.
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Note 7 – Defined Benefit Pension Plan (Continued)

#### Mortality rates - Non-Largest Ten Locality Employers - Hazardous Duty Employees

#### Mortality Rates:

45% of deaths are assumed to be service related

### Pre-Retirement:

Pub-2010 Amount Weighted Safety Employee Rates projected generationally with a Modified MP-2020 Improvement Scale; 95% of the rates for males; 105% of the rates for females set forward 2 years;

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Healthy Retiree Rates projected generationally with a Modified MP-2020 Improvement Scale; 110% of rates for males; 105% of rates for females set forward 3 years.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disable Rates projected generationally with a Modified MP-2020 Scale; 95% of rates for males set back 3 years; 90% of rates for females set back 3 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally with a Modified MP-2020 Improvement Scale; 110% of rates for males and females set forward 2 years.

#### Mortality Improvement:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in discount rate, which was based on VRS Board action effective July 1, 2021. 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 PUB2010 public sector mortality tables. Increased disability life expectancy. For future		
	mortality improvements, replace load with a modified		
	Mortality Improvement Scale MP-2020.		
Retirement Rates	Adjusted rates to better fit experience and changed final		
	retirement age from 65 to 70.		
Withdrawal Rates	Decreased rates and changed from rates based on age and		
	service to rates based on service only to better fit		
	experience and to be more consistent with Locals Top		
	10 Hazardous Duty.		
Disability Rates	No change		
Salary Scale	No change		
Line of Duty Disability	No change		
Discount Rate	No change		

#### Note 7 – Defined Benefit Pension Plan (Continued)

**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 as summarized in the following table:

	Long-Term Target	Arithmetic Long- Term Expected	Weighted Average Long-Term Expected Rate of
Asset Class (Strategy)	Asset Allocation	Rate of Return	Return*
Public Equity	34.00%	6.14%	2.09%
Fixed Income	15.00%	2.56%	0.38%
Credit Strategies	14.00%	5.60%	0.78%
Real Assets	14.00%	5.02%	0.70%
Private Equity	16.00%	9.17%	1.47%
MAPS - Multi-Asset Public Strategies	4.00%	4.50%	0.18%
PIP - Private Investment Partnership	2.00%	7.18%	0.14%
Cash	1.00%	1.20%	0.01%
Total	100.00%		5.75%
	Inflation		2.50%
* Expected arith	metic nominal return		8.25%

\* The above allocation provides a one-year return of 8.25%. 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 7.14%, including expected inflation of 2.50%.

On June 15, 2023, the VRS Board elected a long-term rate of 6.75% which was roughly at the 45<sup>th</sup> percentile of expected long-term results of the VRS fund asset allocation at this time, providing a median return of 7.14%, including expected inflation of 2.50%.

**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 System 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. Consistent with the phased-in funding provided by the General Assembly for state and teacher employer contributions: political subdivisions were also provided with an opportunity to use an alternate employer contribution rate. For the year ended June 30, 2024, the alternate rate was the employer contribution rate used in FY2012 or 100% of the actuarially determined employers are assumed to contribute 100% of the actuarially determined contributions, 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.

### Note 7 – Defined Benefit Pension Plan (Continued)

## **Changes in Net Pension Liability (Asset)**

	Increase (Decrease)						
	Total Pension P		Pla	Plan Fiduciary		Net Pension	
	I	Liability (a)	Ne	t Position (b)	1	Asset (a)-(b)	
Balances at June 30, 2023	\$	27,407,734	\$	27,621,213	\$	(213,479)	
Changes for the year:							
Service cost		1,099,329		-		1,099,329	
Interest		1,890,582		-		1,890,582	
Difference between expected and							
actual experience		(1,154,844)		-		(1,154,844)	
Contributions – employer		-		988,151		(988,151)	
Contributions – employee		-		318,513		(318,513)	
Net investment income		-		1,812,546		(1,812,546)	
Benefit payments, including refunds							
of employee contributions		(996,878)		(996,878)		-	
Administrative expense		-		(17,399)		17,399	
Other		-		737		(737)	
Net changes		838,189		2,105,670		(1,267,481)	
Balances at June 30, 2024	\$	28,245,923	\$	29,726,883	\$	(1,480,960)	

**Sensitivity of the Net Pension (Asset) to Changes in the Discount Rate** – The following presents the net pension liability (asset) of the Jail Authority using the discount rate of 6.75%, as well as what the Jail Authority's net pension liability (asset) would be if it were calculated using a discount rate that is 1% point lower (5.75%) or 1% point higher (7.75%) than the current rate:

	Current				
	1% Decrease		scount Rate	1% Increase	
	 (5.75%)		(6.75%)	(7.75%)	
Net Pension Liability (Asset)	\$ 2,655,455	\$	(1,480,960) \$	(4,782,916)	

#### Note 7 – Defined Benefit Pension Plan (Concluded)

**Pension Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions** For the year ended June 30, 2024, the Jail Authority recognized pension expense of \$70,721. At June 30, 2024, the Jail Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	C	Deferred Dutflows Resources	0	Deferred Inflows f Resources
Differences between expected and actual experience Net difference between projected and actual earnings on pension plan investments Employer contributions subsequent to the measurement	\$	43,041	\$	(629,915) (404,367)
date		1,087,061		-
Total	\$	1,130,102	\$	(1,034,282)

\$1,087,061 reported as deferred outflows of resources related to pensions resulting from the Jail Authority's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the fiscal year ending June 30, 2025. 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 Ending June 30,	А	Amount			
2025	\$	(787,008)			
2026		(610,476)			
2027		393,888			
2028		12,355			
	\$	(991,241)			

**Pension Plan Data** – Information about the VRS Political Subdivision Retirement Plan is also available in the separately issued VRS 2023 Annual Comprehensive Financial Report (Annual Report). A copy of the 2023 VRS Annual Report may be downloaded from the VRS website at <u>https://www.varetire.org/pdf/publications/2023-annual-report.pdf</u> or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

#### Note 8 – Postemployment Healthcare Plan and Other Postemployment Benefits (OPEB) Trust

The Jail Authority provides for optional participation by eligible retirees and their eligible spouses and dependents in the medical and prescription drug healthcare benefit program available to employees. The County has established the County Retiree Medical Benefits Plan (Plan), an agent multiple-employer defined benefit healthcare plan, and the Retiree Medical Benefits Trust Agreement (Trust), which are administered as one plan for the County and its affiliates (collectively, Employers). The Jail Authority accounts for and reports its participation in the Plan by applying the requirements for a cost-sharing multiple-employer plan. The Plan covers eligible retirees of the Jail. The Trust provides the funding mechanism for the postemployment healthcare benefits established by the Plan. The *Code of Virginia* assigns the authority to administer the Plan, and to establish and amend the benefit provisions of the Plan, to the Hanover County Board of Supervisors (Board). The Plan provides for biennial reviews of benefit provisions based on actuarial analysis, but does not require any automatic or ad hoc benefit increases, although the Board may amend or terminate the Plan at any time. The Trust's accumulated assets may legally be used to pay all plan benefits provided to any of the plan's members or beneficiaries.

The Trust is considered part of the County's financial reporting entity and is included in County's financial statements as an Other Postemployment Benefits Trust Fund. The Jail Authority is required to make periodic contributions to fund its share of the plan based on periodic actuarial analysis of its future obligations. A copy of Hanover County's FY2024 ACFR may be downloaded from the following website, https://www.hanovercounty.gov/283/Annual-Comprehensive-Financial-Report.

The Plan provides that the employers will provide certain subsidies toward the cost of the health benefit coverage of eligible retirees, spouses and dependents. In order to participate in the Plan, retirees must be enrolled in the health insurance program available to County employees at date of separation. In addition, participants must meet the VRS retirement age and service retirement requirements and, if hired after September 30, 2007, must have five years of service with an Employer, or retire pursuant to the disability requirements of Social Security or the VRS. The amount of monthly subsidy provided by the Plan is based on years of service and, as of June 30, 2015, ranged from \$100 per month for employees with 10 but less than 15 years of service to \$200 per month for 20 or more years of service. The subsidy for a retiree's spouse and dependents is equal to that of the retiree, with a limit of three subsidies per retiree. Effective for those who retire July 1, 2015 or later, there shall not be a subsidy for their spouses or dependents. Retirees hired prior to October 1, 2007 have no years of service requirement, but must meet all other requirements for participation. In addition, retirees hired prior to October 1, 2007 who have at least 10 years of service with an Employer, and whose age and years of service equal at least 60 (grandfathered employees), will receive an initial subsidy of \$251 per month. For employees retiring after September 30, 2008, subsidies will end with Medicare eligibility. Any plan participants currently in the Plan over age 65 must be enrolled in Medicare as primary insurer effective July 1, 2015. Additionally, any grandfathered retirees who are not yet age 65 must enroll in Medicare as primary insurer once they have met the Medicare eligibility requirements.

Retirees under the Plan may select from the health care plans offered to active employees and pay the health insurance premium rate established annually based on biennial actuarial analysis of the claims cost of the retiree group, net of the applicable subsidy established by the Plan. Depending upon the health care plan selected, the net retiree premium amounts range from \$481 to \$1,290 per month and, for those electing retiree and family coverage, from \$1,363 to \$3,869 per month. Costs of administering the Plan will be borne by the Trust or by the Employers.

#### Note 8 – Postemployment Healthcare Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

Investments – The OPEB Board has determined that to achieve the greatest likelihood of meeting the applicable investment objectives, the Trust should allocate assets in two broad classes: Investment assets to be invested to achieve the annual rate of return equal to the Trust's actuarial discount rate with target allocations comprised of 42% in Domestic Equity, 23% in International Equity, and 35% in Fixed Income Investments. Liquidity Assets to be held solely in cash equivalent investments and used to pay for benefits and expenses of the Trust.

Rate of Return – For year ended June 30, 2024, the annual money-weighted rate of return on investments, net of investment expense, was 9.21%. The return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Actuarial Methods and Assumptions - Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the February 1, 2023 actuarial valuation, the Entry Age Normal actuarial cost method was used. The actuarial assumptions include a 6.5% annual investment rate of return (net of administrative expenses) and payroll increase assumption of 2.5%. The liability is being amortized as a level percentage of projected payroll on a closed basis over fourteen years.

Mortality rates were as follows: For all healthy retirees and covered spouses, the SOA Pub-2010 General Retirees Headcount-Weighted Mortality Table, projected on a fully generational basis with mortality improvement scale MP-2021. For general disabled employees, the assumptions were based on the SOA Pub-2010 General Disabled Retirees Headcount-Weighted Mortality Table. For disabled public safety retirees, the assumptions were based on the SOA Pub-2010 Public Safety Disabled Retirees Headcount-Weighted Mortality Table. For disabled public safety retirees, the assumptions were based on the SOA Pub-2010 Public Safety Disabled Retirees Headcount-Weighted Mortality Table. For all disabled retirees, the projections were on a fully generational basis with mortality improvement scale MP-2021.

The assumed inflation rate is 2.5%. The long-term expected rate of return of OPEB plan investments net of inflation is 4.70% on Domestic Equities, 6.00% on International Developed Equities, International Emerging Market Equities, 5.40% on International Emergency Markets Equities, 2.00% on Core Fixed, 3.00% on Investment Grade Corporate Debt, 4.40% on Emerging Market Debt, and 5.00% on High Yield investments.

The discount rate used to measure the total OPEB liability was 6.50%. This is the expected rate of return on trust assets. During its February 2020 meeting, the OPEB Trust Board established 6.50% (not adjusted for inflation) as the long-term target rate for the Plan over a rolling five year period. Previously the discount rate was 7.0%, unchanged since the Plan's inception. The OPEB Trust Board reviews annual feasibility studies performed by the Plan's investment consultant to consider the ongoing appropriateness of the target rate and whether a change should be considered. No changes were made to the 6.5% rate in the year ended June 30, 2024.

Long-term Medical Trend – As Plan funding is used subsidize premium rates, the OPEB Plan liability is not affected by changes in the Long-Term Medical Trend.

#### Note 8 – Postemployment Healthcare Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

The Plan is a cost sharing plan. GAAP requires cost sharing plans allocate liabilities and assets between employers based on "the employer's projected long-term contribution effort to the OPEB plan as compared to the total projected long-term contribution effort all employers and all non-employer contributing entities to determine the employer's proportion.

**Benefits Provided** – The Plan funds subsidy amounts from participating eligible retirees and their dependents. The amounts vary based on retirement date and years of service as outlined.

**Contributions** - The Code permits the Board to make appropriations to fund the Trust and to enter into agreement with its School Component Unit and its Affiliates to participate in and contribute to the Trust. Contributions to the Trust are irrevocable; however, continued participation in the Plan is voluntary, and any Employer may individually terminate future participation in the Plan. Retiree medical activity is processed through the self-insurance fund on a pay-go basis. Each year the Trust Board determines whether there should be any withdrawals or contributions made to the Trust.

**Funding Policy** – The Board has adopted a resolution under which the Employers will contribute funds to the Trust periodically, as determined appropriate, based on periodic actuarial analysis of the future obligations of the Employers.

**Net Postemployment Healthcare Plan and Other Postemployment Benefits (OPEB)** Asset – At June 30, 2024 the Jail Authority reported a net OPEB asset of \$174,884. The net OPEB asset was measured as of June 30, 2024. The total OPEB liability used to calculate the net OPEB asset was determined by an actuarial valuation performed as of February 1, 2023.

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#### Note 8 – Postemployment Healthcare Plan and Other Postemployment Benefits (OPEB) Trust (Concluded)

**Sensitivity of the Net OPEB (Asset) to Changes in the Discount Rate** – The following presents the net OPEB (asset) of the Jail Authority at June 30, 2024 using the discount rate of 6.5%, as well as what the net OPEB asset would be if it were calculated using a discount rate that is 1% point lower (5.5%) or 1% point higher (7.5%) than the current rate:

		Current Discount			
	1% Dec	crease Rate	1% Increase		
	(5.50)	%) (6.50%)	(7.50%)		
Net OPEB Asset	\$ (1	166,125) \$ (174,88	4) \$ (183,151)		

**OPEB Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB** – For the year ended June 30, 2024, the Jail Authority recognized OPEB expense of (\$22,501). At June 30, 2024, the Jail Authority reported deferred outflows and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows		Deferred Inflows	
	of F	Resources	of I	Resources
Differences between expected and actual experience	\$	1,192	\$	(55,225)
Changes of assumptions		2,187		(14,529)
Net difference between projected and actual earnings				
on OPEB plan investments		10,719		-
Changes in proportion		11,273		(34,068)
Employer contributions subsequent to measurement date		5,161		-
Total	\$	30,532	\$	(103,822)

The differences between expected and actual experience and net difference between projected and actual earnings on OPEB plan investments will be recognized in OPEB expense as follows:

Year Ending June 30,	Amount
2025	\$ (16,056)
2026	(16,251)
2027	(6,912)
2028	(21,934)
2029	(17,494)
Thereafter	 196
Total	\$ (78,451)

#### Note 9 - Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust

#### Group Life Insurance

The VRS Group Life Insurance Program (GLI) is a multiple employer, cost-sharing plan. It provides coverage to state employees, teachers, and employees of participating political subdivisions. The GLI Program was established pursuant to §51.1-500 et seq. of the *Code of Virginia*, as amended, and which provides the authority under which benefit terms are established or may be amended. The GLI Program is a defined benefit plan that provides a basic group life insurance benefit for employees of participating employers. For purposes of measuring the net GLI Program OPEB liability, deferred outflows of resources and deferred inflows of resources related to the GLI Program OPEB, and GLI Program OPEB expense, information about the fiduciary net position of the VRS GLI program OPEB and the additions to/deductions from the VRS GLI Program OPEB's fiduciary net position have been determined on the same basis as they were reported by VRS. In addition, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

#### **General Information about the GLI Program**

#### **Plan Description**

All full-time, salaried permanent employees of the state agencies, teachers and employees of participating political subdivisions are automatically covered by the VRS GLI Program upon employment. This plan is administered by the Virginia Retirement System (the System), along with pensions and other OBEB plans, for public employer groups in the Commonwealth of Virginia.

In addition to the basic group life insurance benefit, members are also eligible to elect additional coverage for themselves as well as a spouse or dependent children through the Optional Group Life Insurance Program. For members who elect the optional group life insurance coverage, the insurer bills employers directly for the premiums. Employers deduct these premiums from members' paychecks and pay the premiums to the insurer. Since this is a separate and fully insured program, it is not included as part of the GLI Program OPEB.

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# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

The specific information for GLI Program OPEB, including eligibility, coverage and benefits is set out in the table below:

# **GROUP LIFE INSURANCE PROGRAM PLAN PROVISIONS**

# Eligible Employees

The GLI Program was established July 1, 1960, for state employees, teachers and employees of political subdivisions that elect the program, including the following employers that do not participate in VRS for retirement:

- City of Richmond
- City of Portsmouth
- City of Roanoke
- City of Norfolk
- Roanoke City School Board

Basic group life insurance coverage is automatic upon employment. Coverage ends for employees who leave their position before retirement eligibility or who take a refund of their accumulated retirement member contributions and accrued interest.

#### **Benefit Amounts**

The benefits payable under the GLI Program have several components.

- *Natural Death Benefit:* The natural death benefit is equal to the employee's covered compensation rounded to the next highest thousand and then doubled.
- Accidental Death Benefit: The accidental death benefit is double the natural death benefit.
- *Other Benefit Provisions:* In addition to the basic natural and accidental death benefits, the program provides additional benefits provided under specific circumstances. These include:
  - Accidental dismemberment benefit
    - Seatbelt benefit
  - Repatriation benefit
  - Felonious assault benefit
  - Accelerated death benefit option

# **Reduction in Benefit Amounts**

The benefit amounts provided to members covered under the GLI Program are subject to a reduction factor. The benefit amount reduces by 25% on January 1 following one calendar year of separation. The benefit amount reduces by an additional 25% on each subsequent January 1 until it reaches 25% of its original value.

# Minimum Benefit Amount and Cost-of-Living Adjustment (COLA)

For covered members with at least 30 years of service credit, there is a minimum benefit payable under the GLI Program. The minimum benefit was set at \$8,000 by statute in 2015. This will be increased annually based on the VRS Plan 2 cost-of-living adjustment calculation. The minimum benefit adjusted for the COLA was \$9,254 as of June 30, 2024.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

# **Contributions**

The contribution requirements for the GLI Program are governed by §51.1-506 and §51.1-508 of the *Code of Virginia*, as amended, but may be impacted as a result of funding provided to state agencies and school divisions by the Virginia General Assembly. The total rate for the GLI as June 30, 2024 was 1.34% of covered employee compensation. This was allocated into an employee and an employer component using a 60/40 split. The employee component was 0.80% (1.34% X 60%) and the employer component was 0.54% (1.34% X 40%). Employers may elect to pay all or part of the employee contribution, which the Jail Authority does; however, the employer must pay all of the employer contribution. Each employee compensation. This rate was the final approved General Assembly rate which was based on an actuarially determined rate from an actuarial valuation as of June 30, 2022. The actuarially determined rate, when combined with employee contributions, was expected to finance the costs of benefits payable during the year, with an additional amount to finance any unfunded accrued liability. The Jail Authority has elected to pay the entire rate for the year ended June 30, 2024. The employer component of contributions to the GLI Program from the Jail Authority were \$38,352 and \$34,705 for the years ended June 30, 2024, and 2023, respectively.

In June 2023, the Commonwealth made a special contribution of approximately \$10.1 million to the GLI plan. This special payment was authorized by Chapter 2 of the Acts of Assembly of 2022, Special Session I, as amended by Chapter 769, 2023 Acts of Assembly Reconvened Session, and is classified as a special employer contribution. Our proportionate share of \$2,768 is reflected in page 11 within the Statement of Revenues, Expenses, and Changes in Net Position.

# GLI OPEB Liabilities, GLI OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Group Life Insurance Program OPEB

At June 30, 2024, the Jail Authority reported a liability of \$327,173 for its proportionate share of the Net GLI OPEB Liability. The Net GLI OPEB Liability was measured as of June 30, 2023 and the total GLI OPEB liability used to calculate the Net GLI OPEB Liability was determined by an actuarial valuation performed as of June 30, 2022 and rolled forward to the measurement date of June 30, 2023. The covered employer's proportion of the Net GLI OPEB Liability was based on the covered employer's actuarially determined employer contributions to the GLI Program for the year ended June 30, 2023 relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2023, the participating employer's proportion was 0.02728% as compared to 0.2738% at June 30, 2022.

For the year ended June 30, 2024, the Jail Authority recognized GLI OPEB expense of \$5,564. Since there was a change in proportionate share between measurement dates, a portion of the GLI OPEB expense was related to deferred amounts from changes in proportion.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

At June 30, 2024, the employer reported deferred outflows of resources and deferred inflows of resources related to the GLI OPEB from the following sources:

			Deferred
	Deferr	ed Outflows	Inflows of
	of R	lesources	Resources
Differences between expected and actual experience	\$	32,677	\$ (9,931)
Net difference between projected and actual earnings on GLI OPEB			
program investments		-	(13,148)
Change in assumptions		6,993	(22,668)
Change in proportion		3,864	(23,883)
Employer contributions subsequent to the measurement date		38,352	
Total	\$	81,886	\$ (69,630)

\$38,352 reported as deferred outflows of resources related to the GLI OPEB resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net GLI OPEB Liability in the Fiscal Year ending June 30, 2025. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the GLI OPEB will be recognized in the GLI OPEB expense in future reporting periods as follows:

Year Ending June 30,	I	Amount
2025	\$	(9,869)
2026		(18,731)
2027		74
2028		(593)
2029		3,023
Total	\$	(26,096)

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# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

#### Actuarial Assumptions

The total GLI OPEB liability was based on an actuarial valuation as of June 30, 2022, 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, 2023.

Inflation	2.50%
Salary increases, including inflation –	
General state employees	3.50% - 5.35%
Teachers	3.50% - 5.95%
SPORS employees	3.50% - 4.75%
VaLORS employees	3.50% - 4.75%
JRS employees	4.00%
Locality – General employees	3.50% - 5.35%
Locality – Hazardous Duty employees	3.50% - 4.75%
Investment rate of return	6.75 Percent, net of investment expenses, including inflation

#### Mortality rates - Non-Largest Ten Locality Employers - General Employees

**Pre-Retirement:** 

Pub-2010 Amount Weighted Safety Employee Rates to projected generationally; males sets forward 2 years; 105% of rates for females set forward 3 years.

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Health Retirees Rates projected generationally; 95% of rates for males set forward 2 years; 95% of rates for females set forward 1 year.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disable Rates projected generationally; 110% of rates for males set forward 3 years; 110% of rates for females set forward 2 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally.

#### Mortality Improvement Scale:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in the discount rate, which was based on VRS Board action effective July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and the VRS Board action are as follows:

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.
Retirement Rates	Adjusted rates to better fit experience for Plan 1; set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all.
Withdrawal Rates	Adjusted rates to better fit experience at each age and decrement through 9 years of service.
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Mortality rates - Non-Largest Ten Locality Employers - Hazardous Duty Employees

**Pre-Retirement:** 

Pub-2010 Amount Weighted Safety Employee Rates projected generationally; 95% of rates for males; 105% of rates for females set forward 2 years.

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Healthy Retiree Rates projected generationally; 110% of rates for males; 105% of rates for females set forward 3 years.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disable Rates projected generationally; 95% of rates for males set back 3 years; 90% of rates for females set back 3 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally; 110% of rates for males and females set forward 2 years.

#### Mortality Improvement Scale:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in discount rate, which was based on VRS Board action effective July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Mortality Rates (Pre-retirement, post-	Update PUB2010 public sector mortality tables.		
retirement healthy, and disabled)	Increased disability life expectancy. For future		
	mortality improvements, replace load with a modified		
	Mortality Improvement Scale MP-2020.		
Retirement Rates	Adjusted rates to better fit experience and changed final		
	retirement age from 65 to 70.		
Withdrawal Rates	Decreased rates and changed from rates based on age and		
	service to rates based on service only to better fit		
	experience and to be more consistent with Locals Top		
	10 Hazardous Duty.		
Disability Rates	No change		
Salary Scale	No change		
Line of Duty Disability	No change		
Discount Rate	No change		

#### Net GLI OPEB Liability

The net OPEB liability (NOL) for the GLI Program represents the system's total OPEB liability determined in accordance with GAAP, less the associated fiduciary net position. As of the measurement date of June 30, 2023, NOL amounts for the GLI Program are as follows (amounts expressed in thousands):

	Group Life Insurance OPEB			
		Program		
Total GLI OPEB liability	\$	3,907,052		
Plan fiduciary net position		2,707,739		
GLI Net OPEB liability	\$	1,199,313		
Plan fiduciary net position as a percentage of the total				
GLI OPEB liability		69.30%		

The total GLI OPEB 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 GLI OPEB liability is disclosed in accordance with the requirements of GASB Statement No. 74 in the System's notes to the financial statements and required supplementary information.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Continued)

### Long-Term Expected Rate of Return

The long-term expected rate of return on the System's 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 System's 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:

			Weighted
	Long-Term	Arithmetic Long-	Average Long-
	Target Asset	Term Expected	Term Expected
Asset Class (Strategy)	Allocation	Rate of Return	Rate of Return*
Public Equity	34.00%	6.14%	2.09%
Fixed Income	15.00%	2.56%	0.38%
Credit Strategies	14.00%	5.60%	0.78%
Real Assets	14.00%	5.02%	0.70%
Private Equity	16.00%	9.17%	1.47%
MAPS - Multi-Asset Public Strategies	4.00%	4.50%	0.18%
PIP - Private Investment Partnership	2.00%	7.18%	0.14%
Cash	1.00%	1.20%	0.01%
Total	100.00%	-	5.75%
	Inflation	-	2.50%
* Expected arithmetic	c nominal return	_	8.25%

\* The above allocation provides a one-year return of 8.25%. 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 7.14%, including expected inflation of 2.50%.

On June 15, 2023, the VRS Board elected a long-term rate of 6.75%, which was roughly at the 45<sup>th</sup> percentile of expected long-term results of the VRS fund asset allocation at that time, providing a median return of 7.14%, including expected inflation of 2.50%.

#### **Discount Rate**

The discount rate used to measure the total GLI OPEB 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 guidance 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. Through the fiscal year ending June 30, 2023, the rate contributed by the Jail Authority for the GLI OPEB will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly which was 113% of actuarially determined contribution rate. From July 1, 2023 on, employers are assumed to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the GLI OPEB's fiduciary net position was projected to be available to make all projected future benefit payments of eligible employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total GLI OPEB liability.

# Note 9 – Postemployment Group Life Insurance Plan and Other Postemployment Benefits (OPEB) Trust (Concluded)

#### Sensitivity of the Employer's Proportionate Share of the Net GLI OPEB Liability to Changes in the Discount Rate

The following presents the employer's proportionate share of the net GLI OPEB liability using the discount rate of 6.75%, as well as what the employer's proportionate share of the net GLI OPEB 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:

	Current Discount					
	1%	Decrease		Rate	1	% Increase
	(	(5.75%)		(6.75%)		(7.75%)
Employer's proportionate share of the Group Life						
Insurance Program net OPEB liability	\$	484,972	\$	327,173	\$	199,591

#### Group Life Insurance Program Fiduciary Net Position

Detailed information about the Group Life Insurance Program's Fiduciary Net Position is available in the separately issued VRS 2023 Annual Comprehensive Financial Report (Annual Report). A copy of the 2023 VRS Annual Report may be downloaded from the VRS website at <u>http://www.varetire.org/Pdf/Publications/2023-annual-report.pdf</u>, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

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### Note 10 - Health Insurance Credit Program - Virginia Retirement System

The Political Subdivision Health Insurance Credit (HIC) Program is a multiple-employer, agent defined benefit plan that provides a credit toward the cost of health insurance coverage for retired political subdivision employees of participating employers. The Political Subdivision HIC Program was established pursuant to §51.1-508 of the Code, as amended, and which provides the authority under which benefit terms are established or may be amended. For purposes of measuring the net Political Subdivision HIC Program OPEB liability, deferred outflows of resources and deferred inflows of resources related to the Political Subdivision HIC Program OPEB; and the Political Subdivision HIC Program OPEB expense, information about the fiduciary net position of the VRS Political Subdivision HIC Program; and the additions to/deductions from the VRS Political Subdivision HIC's fiduciary net position have been determined on the same basis as they were reported by VRS. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

# **Plan Description**

All full-time, salaried permanent employees of participating political subdivisions are automatically covered by the VRS Political Subdivision Health Insurance Credit Program upon employment. This plan is administered by the Virginia Retirement System (the System), along with pension and other OPEB plans, for public employer groups in the Commonwealth of Virginia. Members earn one month of service credit toward the benefit for each month they are employed and for which their employer pays contributions to VRS. The health insurance credit is a tax-free reimbursement in an amount set by the General Assembly for each year of service credit against qualified health insurance premiums retirees pay for single coverage, excluding any portion covering the spouse or dependents. The credit cannot exceed the amount of the premiums and ends upon the retiree's death. The specific information about the Political Subdivision Health Insurance Credit Program OPEB, including eligibility, coverage and benefits is set out in the table below:

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#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

# POLITICAL SUBDIVISION HEALTH INSURANCE CREDIT PROGRAM (HIC) PLAN PROVISIONS

# Eligible Employees

The Political Subdivision Retiree Health Insurance Credit Program was established July 1, 1993, for retired political subdivision employees of employers who elect the benefit and who retire with at least 15 years of service credit:

Eligible employees are enrolled automatically upon employment. They include:

• Full-time permanent salaried employees of the participating political subdivision who are covered under the VRS pension plan.

# **Benefit Amounts**

The Political Subdivision Retiree Health Insurance Credit Program provides the following benefits for eligible employees:

- *At Retirement*: For employees who retire, the monthly benefit is \$1.50 per year of service per month with a maximum benefit of \$45.00 per month.
- *Disability Retirement*: For employees who retire on disability or go on long-term disability under the Virginia Local Disability Program (VLDP), the monthly benefit is \$45.00 per month.

# Health Insurance Credit Program Notes:

- The monthly Health Insurance Credit benefit cannot exceed the individual premium amount.
- No Health Insurance Credit for premiums paid and qualified under LODA; however, the employee may receive the credit for premiums paid for other qualified health plans.
- Employees who retire after being on long-term disability under VLDP must have at least 15 years of service credit to qualify for the Health Insurance Credit as a retiree.

**Employees Covered by Benefit Terms -** As of the June 30, 2023 actuarial valuation, the following employees were covered by the benefit terms of the HIC OPEB plan:

	Number
Inactive employees or beneficiaries currently receiving benefit payments	7
Vested	3
Active elsewhere in VRS	142
Active employees	101
Total covered employees	253

#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

**Contributions** – The contribution requirement for active employees is governed by Title 51.1-1402(E) of the *Code of Virginia*, as amended, but may be impacted as a result of funding options provided to political subdivisions by the Virginia General Assembly. The Jail Authority's contractually required employer contribution rate for the year ended June 30, 2024 was .25% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2021. The actuarially determined rate was expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contributions from the Jail Authority to the Political Subdivision HIC program were \$17,569 and \$15,975 for the years ended June 30, 2024 and 2023, respectively.

**Net HIC OPEB Liability** – At June 30, 2024, the Jail Authority reported a net HIC OPEB liability of \$99,833. The net HIC OPEB liability was measured as of June 30, 2023. The total HIC OPEB liability was determined by as actuarial valuation performed as of June 30, 2022, using updated actuarial assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2023.

Actuarial Assumptions – The total HIC OPEB liability was based on an actuarial valuation as of June 30, 2022 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, 2023:

Inflation	2.50%
Salary increases, including inflation – Locality – General employees Locality – Hazardous Duty employees	3.50% - 5.35% 3.50% - 4.75%
Investment rate of return	6.75% net of plan investments expenses, including inflation

#### Mortality Rates - Non-Largest Ten Locality Employers - General Employees

#### **Pre-Retirement:**

Pub-2010 Amount Weighted Safety Employee Rates to projected generationally; 95% of rates for males; 105% of rates for females set forward 2 years.

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Health Retirees Rates projected generationally; 110% of rates for males; 105% of rates for females set forward 3 years.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disable Rates projected generationally; 95% of rates for males set back 3 years; 90% of rates for females set back 3 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally; 110% of rates for males and females set forward 2 years.

#### Mortality Improvement Scale:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.

#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in the discount rate, which are based on VRS Board action effective July 1, 2021. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-	Update to PUB2010 public sector mortality tables. For
retirement healthy, and disabled)	future mortality improvements, replace load with a
	modified Mortality Improvement Scale MP-2020
Retirement Rates	Adjusted rates to better fit experience for Plan 1: set
	separate rates based on experience for Plan 2/Hybrid;
	changed final retirement age from 75 to 80 for all
Withdrawal Rates	Adjusted rates to better fit experience at each age and
	service decrement through 9 years of service
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Mortality Rates - Non-Largest Ten Locality Employers - Hazardous Duty Employees

#### **Pre-Retirement:**

Pub-2010 Amount Weighted Safety Employee Rates projected generationally; 95% of rates for males; 105% of rates for females set forward 2 years.

#### Post-Retirement:

Pub-2010 Amount Weighted Safety Healthy Retiree Rates projected generationally; 110% of rates for males; 105% of rates for females set forward 3 years.

#### Post-Disablement:

Pub-2010 Amount Weighted General Disable Rates projected generationally; 95% of rates for males set back 3 years; 90% of rates for females set back 3 years.

#### Beneficiaries and Survivors:

Pub-2010 Amount Weighted Safety Contingent Annuitant Rates projected generationally; 110% of rates for males and females set forward 2 years.

#### Mortality Improvement Scale:

Rates projected generationally with Modified MP-2020 Improvement Scale that is 75% of the MP-2020 rates.
#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

The actuarial assumptions used in the June 30, 2022 valuation were based on the results of an actuarial experience study for the period from July 1, 2016 through June 30, 2020, except the change in discount rate, which was based on VRS Board action effective July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Mortality Rates (Pre-retirement, post-	Update PUB2010 public sector mortality tables.							
retirement healthy, and disabled)	Increased disability life expectancy. For future							
	mortality improvements, replace load with a modified							
	Mortality Improvement Scale MP-2020.							
Retirement Rates	Adjusted rates to better fit experience and changed final							
	retirement age from 65 to 70.							
Withdrawal Rates	Decreased rates and changed from rates based on age and							
	service to rates based on service only to better fit							
	experience and to be more consistent with Locals Top							
	10 Hazardous Duty.							
Disability Rates	No change							
Salary Scale	No change							
Line of Duty Disability	No change							
Discount Rate	No change							

#### Long-Term Expected Rate of Return

The long-term expected rate of return on the System's 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 System's 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:

Asset Class (Strategy)	Long-Term Target Asset Allocation	Arithmetic Long- Term Expected Rate of Return	Weighted Average Long- Term Expected Rate of Return*
Public Equity	34.00%	6.14%	2.09%
Fixed Income	15.00%	2.56%	0.38%
Credit Strategies	14.00%	5.60%	0.78%
Real Assets	14.00%	5.02%	0.70%
Private Equity	16.00%	9.17%	1.47%
MAPS - Multi-Asset Public Strategies	4.00%	4.50%	0.18%
PIP - Private Investment Partnership	2.00%	7.18%	0.14%
Cash	1.00%	1.20%	0.01%
Total =	100.00%		5.75%
	Inflation	-	2.50%
* Expected arithmetic	_	8.25%	

#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

\* The above allocation provides a one-year return of 8.25%. 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. These results provide a range of returns over various time periods that ultimately provide a median return of 7.14%, including expected inflation of 2.50%.

On June 15, 2023, the VRS Board elected a long-term rate of 6.75%, which was roughly at the 45<sup>th</sup> percentile of expected long-term results of the VRS fund asset allocation at the time, providing a median return of 7.14%, including expected inflation of 2.50%.

#### **Discount Rate**

The discount rate used to measure the total HIC OPEB liability was 6.75%. The projection of cash flows used to determine the discount rate assumed that 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, 2023, the rate contributed by the Jail Authority for the HIC OPEB was 100% of actuarially determined contribution rates. From July 1, 2023 on, employers are assumed to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the HIC OPEB's fiduciary net position was projected to be available to make all projected future benefit payments of eligible employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total HIC OPEB liability.

#### **Changes in Net HIC OPEB Liability**

	Total HIC OPEB		Plan Fiduciary		Net H	IC OPEB	
	Li	ability (a)	Net Posit	ion (b)	Liability (a)-(b)		
Balance at June 30, 2022	\$	171,410	\$	41,068	\$	130,342	
Changes for the year:							
Service cost		5,117		-		5,117	
Interest		11,845		-		11,845	
Differences between expected and actual experience		(28,469)		-		(28,469)	
Contributions - employer		-		15,975		(15,975)	
Net investment income		-		3,197		(3,197)	
Benefit payments, including refunds of employee							
contributions		(2,089)		(2,089)		-	
Administrative expenses		-		(93)		93	
Other		-		(77)		77	
Net changes		(13,596)		16,913		(30,509)	
Balance at June 30, 2023	\$	157,814	\$	57,981	\$	99,833	

#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Continued)

**Sensitivity of the Net HIC OPEB Liability to Changes in the Discount Rate** – The following presents the Political Subdivision HIC Program net HIC OPEB liability using the discount rate of 6.75%, as well as what the Political Subdivision's net HIC OPEB liability would be if it were calculated using a discount rate that is 1% point lower (5.75%) or 1% point higher (7.75%) than the current rate:

		Current Discount								
	1%	6 Decrease		Rate	1% Increase					
		(5.75%)		(6.75%)	(7.75%)					
Authority total OPEB liability	\$	123,129	\$	99,833	\$	80,724				

### HIC OPEB Liabilities, HIC OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the HIC Insurance Program OPEB

For the year ended June 30, 2024, the Jail Authority recognized HIC Program OPEB expense of \$22,331. At June 30, 2024, the Jail Authority reported deferred outflows of resources and deferred inflows of resources related to the HIC OPEB Program from the following sources:

	Deferre	ed Outflows	Defe	rred Inflows
	of R	lesources	of	Resources
Differences between expected and actual experience	\$	59,474	\$	(33,180)
Changes of assumptions		27,340		-
Net difference between projected and actual earnings on				
HIC OPEB program investments		156		-
Employer contributions subsequent to measurement date		17,569		
Total	\$	104,539	\$	(33,180)

\$17,569 reported as deferred outflows of resources related to the HIC OPEB resulting from the Jail Authority's contributions subsequent to the measurement date will be recognized as a reduction of the Net HIC OPEB Liability in the fiscal year ending June 30, 2025. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the HIC OPEB will be recognized in the HIC OPEB expense in future reporting periods as follows:

Year Ending June 30,	A	mount
2025	\$	8,436
2026		8,366
2027		9,151
2028		14,193
2029		7,825
Thereafter		5,819
Total	\$	53,790

#### Note 10 – Health Insurance Credit Program – Virginia Retirement System (Concluded)

#### Health Insurance Credit Program Plan Data

Detailed information about the VRS Political Subdivision HIC Program is available in the separately issued VRS 2023 Annual Comprehensive Financial Report (Annual Report). A copy of the 2023 VRS Annual Report may be downloaded from the VRS website at <u>http://www.varetire.org/Pdf/Publications/2023-annual-report.pdf</u>, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

#### Note 11 – Total Postemployment Insurance Plans

The schedule below shows the aggregate total of the Jail's three Postemployment Plans: Retiree Healthcare plan, Group Life Insurance and Health Insurance credit:

	OPEB	OPEB	Ι	Deferred		Deferred	OPEB		
	Asset	Liability	0	Dutflows	Inflows			Expense	
Retiree Healthcare Plan Group Life Insurance Health Insurance Credit	\$ 174,884	\$ - 327,173 99,833	\$	30,532 81,886 104,539	\$	(103,822) (69,630) (33,180)	\$	(22,501) 5,564 22,331	
	\$ 174,884	\$ 427,006	\$	216,957	\$	(206,632)	\$	5,394	

#### Note 12 – Related Party Transactions

The County provides certain general government administrative and accounting services such as payroll, finance, information technology, and purchasing for the Jail Authority. The Jail Authority paid the County \$634,000, related to such services for the year ended June 30, 2024.

### **REQUIRED SUPPLEMENTARY INFORMATION**

#### PAMUNKEY REGIONAL JAIL AUTHORITY

**Required Supplementary Information Schedule of Changes in the Net Pension Liability (Asset) and Related Ratios (Unaudited)** 

June 30, 2024

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Total pension liability Service cost Interest on total pension liability Changes in assumptions	\$ 1,099,329 1,890,582	\$ 1,085,064 1,751,780	\$ 986,163 1,570,280 1,082,544	\$ 949,244 1,378,330	\$ 866,776 1,270,635 691,260	\$ 810,882 1,180,501	\$ 822,851 1,096,012 (199,146)	\$ 854,913 958,226	\$ 821,307 897,941	\$ 825,135 807,387
Changes in benefit terms Difference between expected and actual experience Benefit payments	(1,154,844) (996,878)	243,233 (1,079,138)	(1,164,886) (661,414)	845,849 272,602 (543,255)	(41,981) (494,556)	(204,078) (504,807)	(47,017) (426,629)	572,862 (408,610)	- (434,884) (437,691)	(240,113)
Net change in total pension liability	838,189	2,000,939	1,812,687	2,902,770	2,292,134	1,282,498	1,246,071	1,977,391	846,673	1,392,409
Total pension liability - beginning	27,407,734	25,406,795	23,594,108	20,691,338	18,399,204	17,116,706	15,870,635	13,893,244	13,046,571	11,654,162
Total pension liability - ending (a)	28,245,923	27,407,734	25,406,795	23,594,108	20,691,338	18,399,204	17,116,706	15,870,635	13,893,244	13,046,571
Total fiduciary net position Contributions-employer Contributions-employee Net investment income Benefit payments Administrative expense	988,151 318,513 1,812,546 (996,878) (17,399)	766,653 330,659 (40,551) (1,079,138) (17,048)	741,114 284,015 5,950,470 (661,414) (14,047)	700,336 301,770 397,995 (543,255) (12,842)	563,566 280,983 1,291,332 (494,556) (12,032)	577,132 286,770 1,288,187 (504,807) (10,613)	563,871 281,610 1,867,264 (426,629) (10,187)	649,554 306,806 265,319 (408,610) (8,374)	643,459 284,674 614,739 (437,691) (7,790)	675,696 265,409 1,735,732 (240,113) (8,681)
Other	737	(17,048) 649	(14,047)	(12,842) (482)	(12,032) (819)	(10,013) (1,172)	(10,187) (1,686)	(8,374) (109)	(133)	(8,081)
Net change in plan fiduciary net position	2,105,670	(38,776)	6,300,706	843,522	1,628,474	1,635,497	2,274,243	804,586	1,097,258	2,428,135
Plan fiduciary net position-beginning Plan fiduciary net position-ending (b)	27,621,213 29,726,883	27,659,989 27,621,213	21,359,283 27,659,989	20,515,761 21,359,283	18,887,287 20,515,761	17,251,790 18,887,287	14,977,547 17,251,790	14,172,961 14,977,547	13,075,703 14,172,961	10,647,568 13,075,703
Net pension liability (asset) ending (a)-(b)	\$ (1,480,960)	\$ (213,479)	\$ (2,253,194)	\$ 2,234,825	\$ 175,577	\$ (488,083)	\$ (135,084)	\$ 893,088	\$ (279,717)	\$ (29,132)
Plan fiduciary net position as percentage of total pension liability (asset)	105.243%	100.779%	108.868%	90.528%	99.151%	102.653%	100.789%	94.373%	102.013%	100.223%
Covered payroll	\$ 6,389,740	\$ 5,932,726	\$ 5,726,897	\$ 6,113,336	\$ 5,667,031	\$ 5,768,450	\$ 5,631,567	\$ 5,702,794	\$ 5,640,264	\$ 5,263,254
Net pension liability (asset) as a percentage of covered payroll	-23.18%	-3.60%	-39.34%	36.56%	3.10%	-8.46%	-2.40%	15.66%	-4.96%	-0.55%

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer Contributions - Pension (Unaudited) June 30, 2024

Year Ended June 30,	Contractually required contribution (CRC)		required Con contribution rel		Contribution deficiency (excess)	Employer's vered payroll	Contributions as a percentage of covered payroll
2024 2023 2022 2021 2020 2019 2018 2017 2016 2015	\$	1,087,061 $988,151$ $766,653$ $741,114$ $700,336$ $563,566$ $577,132$ $563,871$ $649,554$ $643,459$	\$	1,087,061 988,151 766,653 741,114 700,336 563,566 577,132 563,871 649,554 643,459	\$ - - - - - - - - - -	\$ 6,959,417 6,389,740 5,932,726 5,726,897 6,113,336 5,667,031 5,768,450 5,631,567 5,702,794 5,640,264	$15.62\% \\ 15.46\% \\ 12.93\% \\ 12.94\% \\ 11.46\% \\ 9.94\% \\ 10.00\% \\ 10.02\% \\ 11.39\% \\ 11.41\%$

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer Share of Net OPEB Asset – Healthcare Plan (Unaudited) Year Ended June 30, 2024

	2024	2023	2022	2021	2020	2019	2018
Employer's Proportion of the Net Healthcare OPEB Asset	 4.65%	4.65%	1.08%	0.99%	1.28%	1.28%	3.72%
Employer's Proportionate Share of the Net Healthcare OPEB Asset	\$ (174,884) \$	(154,735) \$	(32,309) \$	(1,924) \$	(21,493) \$	(21,425) \$	(59,689)
Employer's Covered Payroll	\$ 6,389,740 \$	5,932,726 \$	5,726,897 \$	6,113,336 \$	5,667,031 \$	5,768,450 \$	5,631,567
Employer's Proportionate Share of the Net Healthcare OPEB Asset as a Percentage of its Covered Payroll	(2.74%)	(2.61%)	(0.56%)	(0.03%)	(0.38%)	(0.37%)	(1.06%)
Plan Fiduciary Net Position as a Percentage of the Total Healthcare OPEB Asset	247.38%	222.06%	168.57%	103.49%	142.06%	145.48%	144.81%

Schedule is intended to show information for 10 years. Since 2018 is the first year for this presentation, only seven years of data are available. However, additional years will be included as they become available.

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer Contributions – OPEB – Healthcare Plan (Unaudited) Year Ended June 30, 2024

Year Ended June 30,	re con	tractually equired tribution (CRC)	tributions in ation to the CRC	d	ontribution eficiency (excess)	Employer's vered payroll	Contributions as a percentage of covered payroll
2024 2023 2022 2021 2020 2019 2018	\$	5,161 10,194 - - -	\$ - - - - 536	\$	(5,161) (10,194) - - - (536)	\$ 6,959,417 6,389,740 5,932,726 5,726,897 6,113,336 5,667,031 5,768,450	0.07% 0.16% 1.08% 99.00% 1.80% 0.04% 0.04%

Note: Schedule is intended to show information for 10 years. Since 2018 is the first fiscal year for presentation, no earlier data is available.

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer's Share of Net OPEB Liability – Group Life Insurance Program (Unaudited) Year Ended June 30, 2024

	2024	2023	2022	2021	2020	2019	2018
Employer's Proportion of the Net GLI OPEB Liability	0.27280%	0.27380%	0.27840%	0.29700%	0.02899%	0.03039%	0.03053%
Employer's Proportionate Share of the Net GLI OPEB Liability	\$ 327,173 \$	329,682 \$	324,133 \$	495,645 \$	471,744 \$	461,000 \$	459,000
Employer's Covered Payroll	\$ 6,389,740 \$	5,932,726 \$	5,726,897 \$	6,113,336 \$	5,667,031 \$	5,768,450 \$	5,631,567
Employer's Proportionate Share of the Net GLI OPEB Liability as a Percentage of its Covered Payroll	5.12%	5.56%	5.66%	8.11%	8.32%	7.99%	8.15%
Plan Fiduciary Net Position as a Percentage of the Total GLI OPEB Liability	69.30%	67.21%	54.00%	54.00%	52.00%	51.22%	48.86%

Schedule is intended to show information for 10 years. Since 2018 is the first year for this presentation, only seven years of data are available. However, additional years will be included as they become available.

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer Contributions – OPEB – Group Life Insurance Plan (unaudited) Year Ended June 30, 2024

Year Ended June 30,	Contractually required contribution (CRC)		tributions in ation to the CRC	defi	tribution iciency xcess)	Employer's vered payroll	Contributions as a percentage of covered payroll		
2024 2023 2022 2021 2020 2019 2018	\$	38,352 34,705 32,158 31,041 31,789 29,550 30,000	\$ 38,352 34,705 32,158 31,041 31,789 29,550 30,000	\$	- - - -	\$ 7,102,222 6,389,740 5,932,726 5,726,897 6,113,336 5,667,031 5,768,450	0.54% 0.54% 0.54% 0.52% 0.52% 0.52%		

Schedule is intended to show information for 10 years. Since 2018 is the first year for this presentation, only seven years of data are available. However, additional years will be included as they become available.

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Changes in the Net HIC OPEB Liability and Related Ratios (Unaudited) Year Ended June 30, 2024

	2024			
	2024	2023	2022	2021
Total HIC OPEB liability:				
Service cost \$	5,117 \$	§ 9,213	\$ 7,846 \$	6,283
Interest on total HIC OPEB liability	11,845	9,715	7,942	(21)
Changes in assumptions	-	32,941	1,535	(=1)
Difference between expected and actual experience	(28,469)	(14,450)	696	112,248
Benefit payments	(2,089)	(1,454)	(450)	(634)
Net change in total pension liability	(13,596)	35,965	17,569	117,876
Total HIC OPEB liability-beginning	171,410	135,445	117,876	
Total HIC OPEB liability-ending (a)	157,814	171,410	135,445	117,876
Total fiduciary net position				
Contributions-employer	15,975	13,628	13,169	13,447
Net investment income	3,197	(277)	5,217	95
Benefit payments	(2,089)	(1,454)	(450)	(634)
Other changes	(77)	(1,470)	-	-
Administrative expense	(93)	(80)	(97)	(26)
Net change in plan fiduciary net position	16,913	10,347	17,839	12,882
Plan fiduciary net position-beginning	41,068	30,721	12,882	
Plan fiduciary net position-ending (b)	57,981	41,068	30,721	12,882
Net pension liability ending (a)-(b)	99,833	5 130,342	\$ 104,724 \$	104,994
Plan fiduciary net position as a % of				
total HIC OPEB liability	36.74%	23.96%	22.68%	10.93%
	· · ·	, ,		6,113,336
Net pension liability as a % covered payroll	-1.56%	-2.20%	-1.83%	-1.72%

\* Schedule is intended to show information for 10 years. Since 2021 is the first fiscal year for presentation, no earlier data is available.

#### PAMUNKEY REGIONAL JAIL AUTHORITY Required Supplementary Information Schedule of Employer Contributions – OPEB – Health Insurance Credit Plan (Unaudited) Year Ended June 30, 2024

Year Ended	r	ntractually equired ntribution		tributions in		ntribution ficiency	ī	Employer's	Contributions as a percentage of
June 30,	• • • •	(CRC)	1010	CRC	(excess)		covered payro		covered payroll
2024 2023 2022 2021	\$	17,569 15,975 13,628 13,170	\$	17,569 15,975 13,628 13,170	\$	- - -	\$	7,027,600 6,390,000 5,932,726 5,726,897	0.25% 0.25% 0.23% 0.23%

Note: Schedule is intended to show information for 10 years. Since 2021 is the first fiscal year for presentation, no earlier data is available.

#### Note 1 – Virginia Retirement Service – Defined Benefit Pension Plan

- A. **Changes in Benefit Terms** There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.
- B. **Changes in Assumptions** The actuarial assumptions used in the June 30, 2022, valuation were based on the results of an actuarial experience study for the period from July 1, 2016, through June 30, 2020, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

#### Mortality Rates - Non-Largest 10 Locality Employers - General Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020
Retirement Rates	Adjusted rates to better fit experience for Plan 1: set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all
Withdrawal Rates	Adjusted rates to better fit experience at each age and service decrement through 9 years of service
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Mortality Rates - Non-Largest 10 Locality Employers - Hazardous Duty Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update PUB2010 public sector mortality tables. Increased disability life expectancy. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.
Retirement Rates	Adjusted rates to better fit experience and changed final retirement age from 65 to 70.
Withdrawal Rates	Decreased rates and changed from rates based on age and service to rates based on service only to better fit experience and to be more consistent with Locals Top 10 Hazardous Duty.
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Note 2 – Other Postemployment Benefits – Healthcare Plan

A. Changes in Actuarial Methods and Assumptions – Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the February 1, 2023 actuarial valuation, the Entry Age Normal actuarial cost method was used. The actuarial assumptions include a 6.5% annual investment rate of return (net of administrative expenses) and payroll increase assumption of 2.5%. The liability is being amortized as a level percentage of projected payroll on a closed basis over fourteen years.

Mortality rates were as follows: For all healthy retirees and covered spouses, the SOA Pub-2010 General Retirees Headcount-Weighted Mortality Table, projected on a fully generational basis with mortality improvement scale MP-2021. For general disabled employees, the assumptions were based on the SOA Pub-2010 General Disabled Retirees Headcount-Weighted Mortality Table. For disabled public safety retirees, the assumptions were based on the SOA Pub-2010 Public Safety Disabled Retirees Headcount-Weighted Mortality Table. For all disabled retirees, the projections were on a fully generational basis with mortality improvement scale MP-2021.

The assumed inflation rate is 2.5%. The long-term expected rate of return of OPEB plan investments net of inflation is 4.70% on Domestic Equities, 6.00% on International Developed Equities, International Emerging Market Equities, 5.40% on International Emergency Markets Equities, 2.00% on Core Fixed, 3.00% on Investment Grade Corporate Debt, 4.40% on Emerging Market Debt, and 5.00% on High Yield investments.

The discount rate used to measure the total OPEB liability was 6.50%. This is the expected rate of return on trust assets.

#### Note 3 – Other Postemployment Benefits – Group Life Insurance Plan

- A. **Changes in Benefit Terms** There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.
- B. **Changes in Assumptions** The actuarial assumptions used in the June 30, 2022, valuation were based on the results of an actuarial experience study for the period from July 1, 2016, through June 30, 2020, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

#### Note 3 – Other Postemployment Benefits – Group Life Insurance Plan (Continued)

#### **B.** Changes in Assumptions (Continued)

#### Mortality Rates - Non-Largest 10 Locality Employers - General Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020
Retirement Rates	Adjusted rates to better fit experience for Plan 1: set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all
Withdrawal Rates	Adjusted rates to better fit experience at each age and service decrement through 9 years of service
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Mortality Rates - Non-Largest 10 Locality Employers - Hazardous Duty Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update PUB2010 public sector mortality tables. Increased disability life expectancy. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.							
Retirement Rates	Adjusted rates to better fit experience and changed final retirement age from 65 to 70.							
Withdrawal Rates	Decreased rates and changed from rates based on age and service to rates based on service only to better fit experience and to be more consistent with Locals Top 10 Hazardous Duty.							
Disability Rates	No change							
Salary Scale	No change							
Line of Duty Disability	No change							
Discount Rate	No change							

#### Note 4 – Other Postemployment Benefits – Health Insurance Credit Program

A. **Changes in Benefit Terms** – There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.

#### Note 4 – Other Postemployment Benefits – Health Insurance Credit Program (Continued)

B. **Changes in Assumptions** – The actuarial assumptions used in the June 30, 2022, valuation were based on the results of an actuarial experience study for the period from July 1, 2016, through June 30, 2020, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2021. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

#### Mortality Rates - Non-Largest 10 Locality Employers - General Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020
Retirement Rates	Adjusted rates to better fit experience for Plan 1: set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all
Withdrawal Rates	Adjusted rates to better fit experience at each age and service decrement through 9 years of service
Disability Rates	No change
Salary Scale	No change
Line of Duty Disability	No change
Discount Rate	No change

#### Mortality Rates - Non-Largest 10 Locality Employers - Hazardous Duty Employees

Mortality Rates (Pre-retirement, post- retirement healthy, and disabled)	Update PUB2010 public sector mortality tables. Increased disability life expectancy. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.						
Retirement Rates	Adjusted rates to better fit experience and changed final retirement age from 65 to 70.						
Withdrawal Rates	Decreased rates and changed from rates based on age and service to rates based on service only to better fit experience and to be more consistent with Locals Top 10 Hazardous Duty.						
Disability Rates	No change						
Salary Scale	No change						
Line of Duty Disability	No change						
Discount Rate No change							

STATISTICAL SECTION (unaudited)

#### PAMUNKEY REGIONAL JAIL AUTHORITY Statistical Information June 30, 2024

#### Narrative on Statistical Section

The statistical section is a required part of the Annual Comprehensive Financial Report (ACFR), which presents detailed information in ten-year trends, and assists users in utilizing the basic financial statements, notes to the basic financial statements, and required supplementary information to assess the economic condition of the Jail Authority.

The statistical section is broken down into five categories: financial trend data, revenue capacity data, debt capacity data, demographic and economic information, and operating information.

The financial trend data is comprised of tables that show net position by components, changes in net position, operating expenses, operating/nonoperating revenues, and expenses. The revenue capacity data looks at such things as operating revenues by source, revenues and billed inmate days by customer and largest revenue source. The debt capacity data shows outstanding debt by type and revenues bond coverage ratios. The demographic and economic information is comprised of number of inmates by jurisdiction. The operating information contains tables for number of employees by activities and a listing of insurance coverage.

#### TABLE 1 PAMUNKEY REGIONAL JAIL AUTHORITY Net Position by Component Last Ten Fiscal Years

	Fiscal Year June 30,													
		2024		2023 (5)		2022 (4)	2021 (3)		2020	2019	2018 (2)	2017	2016	2015 (1)
Net investment in capital assets Restricted Unrestricted (deficit)	\$	9,040,213 5,958,096 3,174,025	\$	9,501,432 4,563,519 796,353	\$	10,055,800 5,959,301 (1,005,420)	3,525,539	\$	11,472,631 3,541,206 665,491	\$ 12,321,302 3,859,655 465,899	\$ 11,327,299 5,034,548 126,677	\$ 10,168,590 4,661,649 1,508,729	\$ 9,368,527 4,661,650 2,045,096	\$ 8,124,017 4,528,474 2,487,835
Total governmental activities net position	\$	18,172,334	\$	14,861,304	\$	15,009,681	\$ 14,799,477	\$	15,679,328	\$ 16,646,856	\$ 16,488,524	\$ 16,338,968	\$ 16,075,273	\$ 15,140,326

Notes:

(1) The Jail Authority adopted GASB Statements 68 and 71 in fiscal year 2015. Prior years have not been adjusted for the effect of Statements on Net Position.

(2) The Jail Authority adopted GASB Statement 75 in fiscal year 2018. Prior years have not been adjusted for the effect of this Statement on Net Position.

(3) The Jail Authority adopted GASB Statements 84 in fiscal year 2021. Prior years have not been adjusted for the effect of Statements on Net Position.

(4) The Jail Authority adopted GASB Statements 87 in fiscal year 2022. Prior years have not been adjusted for the effect of Statements on Net Position.

(5) The Jail Authority adopted GASB Statements 96 in fiscal year 2023. Prior years have not been adjusted for the effect of Statements on Net Position.

### TABLE 2PAMUNKEY REGIONAL JAIL AUTHORITYChanges in Net PositionLast Ten Fiscal Years

Fiscal Year June 30,	Operating Revenues	Operating Expenses	Operating Loss	Total Nonoperating Revenues/Expenses and Capital Contributions	Change In Net Position
2024	\$13,914,226	\$16,728,101	\$ (2,813,875)	· · ·	\$ 3,311,030
2023	10,638,494	16,007,572	(5,369,078)	5,220,701	(148,377)
2022	11,101,677	15,078,278	(3,976,601)	4,186,805	210,204
2021 (3)	11,100,768	15,824,233	(4,723,465)	3,843,614	(879,851)
2020	8,224,896	13,945,956	(5,721,060)	4,753,532	(967,528)
2019	8,418,687	13,123,202	(4,704,515)	4,788,317	83,802
2018 (2)	8,919,456	13,126,057	(4,206,601)	4,829,584	622,983
2017	8,054,805	12,774,564	(4,719,759)	4,983,453	263,694
2016	7,805,171	11,494,515	(3,689,344)	4,624,291	934,947
2015 (1)	7,889,414	11,517,897	(3,628,483)	4,100,941	472,458

Notes:

(1) The Jail Authority adopted GASB Statements 68 and 71 in fiscal year 2015. Prior years have not been adjusted for the effect of these Statements on Net Position.

(2) The Jail Authority adopted GASB Statement 75 in fiscal year 2018. Prior years have not been adjusted for the effect of this Statement on Net Position.

(3) The Jail Authority adopted GASB Statement 84 in fiscal year 2021. Prior years have not been adjusted for the effect of Statements on Net Position.

Operating Revenues by Source Last Ten Fiscal Years										
Fiscal Year June 30,	County of Hanover	Town of Ashland	County of Caroline	Other Governments	Other		Total			
2024 2023 2022 2021 (1) 2020 2019 2018 2017 2016 2015	\$ 6,544,458 4,655,927 4,814,768 4,625,773 4,407,770 4,824,917 5,662,664 5,096,174 4,996,639 4,928,094	<ul> <li>\$ 723,863</li> <li>308,066</li> <li>276,008</li> <li>476,328</li> <li>546,271</li> <li>499,168</li> <li>384,435</li> <li>433,466</li> <li>436,980</li> <li>418,052</li> </ul>	\$ 2,557,860 1,591,182 1,694,197 1,661,794 1,363,557 1,564,336 1,907,916 1,764,222 1,504,844 1,636,364	\$ 2,616,982 2,765,656 3,282,416 3,333,399 935,113 647,684 333,092 245,892 310,444 347,526	\$1,471,063 1,317,663 1,034,288 1,003,474 972,184 882,582 631,349 515,051 556,264 559,378	\$	13,914,226 10,638,494 11,101,677 11,100,768 8,224,895 8,418,687 8,919,456 8,054,805 7,805,171 7,889,414			

# TABLE 3PAMUNKEY REGIONAL JAIL AUTHORITYOperating Revenues by SourceLast Ten Fiscal Years

Notes:

(1) The Jail Authority adopted GASB Statement 84 in fiscal year 2021. Prior years have not been adjusted for the effect of Statements on Net Position.

#### TABLE 4 PAMUNKEY REGIONAL JAIL AUTHORITY Operating Expenses Last Ten Fiscal Years

Fiscal Year Personal June 30, Services		Fringe C Benefits		Other OperatingContractualExpensesServicesand Supplies		Depreciation and Amortization		Total Operating Expenses		
2024 2023 2022 2021 (3) 2020 2019 2018 (2) 2017 2016 2015 (1)	\$	7,991,286 7,563,875 7,005,718 6,545,543 6,515,763 6,114,823 6,224,437 6,145,268 6,047,294 5,858,260	\$	2,062,144 2,233,707 2,014,158 3,680,014 2,441,798 1,800,172 1,966,444 2,077,577 1,741,633 1,865,017	\$ 966,971 816,016 806,159 662,383 641,029 641,182 589,918 543,369 586,745 649,897	\$	4,427,155 4,175,025 4,077,348 3,846,471 3,269,766 3,465,644 3,271,894 3,052,817 2,215,128 2,248,474	\$	1,280,545 $1,218,949$ $1,174,895$ $1,089,822$ $1,077,599$ $1,101,381$ $1,073,364$ $955,532$ $903,715$ $896,249$	\$ 16,728,101 16,007,572 15,078,278 15,824,233 13,945,955 13,123,202 13,126,057 12,774,563 11,494,515 11,517,897

Notes:

(1) The Jail Authority adopted GASB Statements 68 and 71 in fiscal year 2015. Prior years have not been adjusted for the effect of these Statements on Net Position.

(2) The Jail Authority adopted GASB Statement 75 in fiscal year 2018. Prior years have not been adjusted for the effect of this Statement on Net Position.

(3) The Jail Authority adopted GASB Statement 84 in fiscal year 2021. Prior years have not been adjusted for the effect of Statements on Net Position.

# TABLE 5PAMUNKEY REGIONAL JAIL AUTHORITYNonoperating Revenues and ExpensesLast Ten Fiscal Years

	Interest Interest				Net							
Fiscal Year		Interest		Interest	Int	ergovernmental		Nonoperating		Capital		
June 30,		Income		Expense	Revenues			Revenues	Contributions			
2024	\$	345,650	\$	(24,995)	\$	5,734,617	\$	6,055,272	\$	69,633		
2023		163,926		(25,462)		4,862,237		5,000,701		220,000		
2022		(70,477)		(25,501)		4,282,783		4,186,805		-		
2021		(346)		(16,617)		3,860,576		3,843,613		-		
2020		139,045		(18,331)		4,632,818		4,753,532		-		
2019		142,440		(19,896)		4,667,379		4,789,923		-		
2018		78,397		(91,181)		4,842,368		4,829,584		-		
2017		69,805		(148,510)		5,062,158		4,983,453		-		
2016		116,574		(201,618)		4,709,335		4,624,291		-		
2015		88,757		(263,718)		4,275,902		4,100,941		-		

#### TABLE 6 PAMUNKEY REGIONAL JAIL AUTHORITY Revenues and Expenses – Operating Fund Last Ten Fiscal Years

					Fiscal	Year				
	2024	2023	2022	2021 (3)	2020	2019	2018 (2)	2017	2016	2015 (1)
Revenues:										
Charges for services - inmate housing	\$ 12,443,163	\$ 9,320,831	\$ 10,067,389	\$ 10,097,294	\$ 7,252,712	\$ 7,536,105	\$ 8,288,107	\$ 7,539,754	\$ 7,248,906	\$ 7,330,036
State Compensation Board	5,554,617	4,862,237	4,232,783	3,754,231	4,632,818	4,662,059	4,840,437	4,769,550	4,704,712	4,244,402
Federal Grant revenue	180,000	-	50,000	106,345	-	-	-	-	-	-
Interest income	345,650	163,926	(70,477)	(346)	139,045	142,440	78,397	69,805	116,574	88,757
Work release	10,307	5,813	3,640	3,706	17,490	21,669	19,253	10,110	10,800	9,431
Telephone commission	1,082,500	1,137,535	492,286	469,286	470,286	394,286	394,286	295,161	296,840	326,105
Miscellaneous	447,889	394,315	538,362	530,484	484,408	471,947	219,741	502,388	253,247	255,342
Total revenues	20,064,126	15,884,657	15,313,983	14,961,000	12,996,759	13,228,506	13,840,221	13,186,768	12,631,079	12,254,073
Expenses:										
Salaries and benefits	10,053,430	9,797,582	9,019,876	10,225,557	8,957,561	7,914,996	8,190,881	8,222,845	7,788,927	7,723,277
Contractual services	966,971	816,016	806,159	662,383	641,029	641,182	589,918	543,369	586,745	649,897
Materials and supplies	493,736	527,477	511,193	525,240	345,863	409,202	438,038	578,806	435,877	437,662
Medical services and supplies	2,696,003	2,540,036	2,381,842	2,198,403	1,940,539	2,065,713	2,030,683	1,610,755	952,708	1,032,539
Food service and supplies	517,818	497,566	480,703	435,081	354,865	381,032	433,526	424,826	459,897	419,004
Utilities	436,810	386,769	403,052	375,670	373,585	381,395	369,647	438,430	366,646	359,269
Canteen	282,788	223,177	300,558	312,078	254,914	228,302	-	-	-	-
Depreciation	1,280,545	1,218,949	1,174,895	1,089,822	1,077,599	1,101,381	1,073,364	955,532	903,715	896,249
Interest expense/bond discount										
Debt refunding	24,995	25,462	25,501	16,617	18,331	19,896	91,181	148,510	201,618	263,718
Total expenses	16,753,096	16,033,034	15,103,779	15,840,851	13,964,286	13,143,099	13,217,238	12,923,073	11,696,133	11,781,615
Increase (decrease) in net position	\$ 3,311,030	\$ (148,377)	\$ 210,204	\$ (879,851)	\$ (967,527)	\$ 85,407	\$ 622,984	\$ 263,695	\$ 934,946	\$ 472,458

Notes:

(1) The Jail Authority adopted GASB Statements 68 and 71 in fiscal year 2015. Prior years have not been adjusted for the effect of these Statements on Net Position.

(2) The Jail Authority adopted GASB Statement 75 in fiscal year 2018. Prior years have not been adjusted for the effect of this Statement on Net Position.

(3) The Jail Authority adopted GASB Statement 84 in fiscal year 2021. Prior years have not been adjusted for the effect of Statements on Net Position.

#### TABLE 7 PAMUNKEY REGIONAL JAIL AUTHORITY Revenues and Billed Inmate Days - by Customer Last Ten Fiscal Years

	Ha	nover Coun	ty	То	own of Ashla	ind	Caroline County			Federal Inmates		
Fiscal Year			Inmate			Inmate			Inmate			Inmate
June 30,	Revenue	Per Diem	Days Billed	Revenue	Per Diem	Days Billed	Revenue	Per Diem	Days Billed	Revenue	Per Diem	Days Billed
2024 (1)	\$ 6,544,458	\$ 107.15	61,078	\$ 723,863	\$ 107.15	6,756	\$ 2,557,860	\$ 107.15	23,872	\$ 1,930,569	\$ 90.00	21,451
2023 (2)	4,655,927	84.68	54,983	308,066	84.68	3,638	1,591,182	84.68	18,791	1,841,159	78.75	23,380
2022	4,814,768	72.14	66,742	276,008	72.14	3,826	1,694,197	72.14	23,485	2,858,458	75.00	38,113
2021	4,625,773	66.12	69,960	476,328	66.12	7,204	1,661,794	66.12	25,133	3,200,949	75.00	42,679
2020	4,407,770	52.15	84,521	546,271	52.15	10,475	1,363,557	52.15	26,147	931,724	75.00	12,423
2019 (3)	4,824,917	50.99	94,625	499,168	50.99	9,790	1,564,336	50.99	30,679	640,103	61.50	10,408
2018	4,762,725	42.39	112,355	384,435	42.39	9,069	1,502,324	42.39	35,441	266,256	48.00	5,547
2017	3,806,428	38.04	100,064	433,466	38.04	11,395	1,356,934	38.04	35,671	206,064	48.00	4,293
2016	3,703,409	37.32	99,234	436,980	37.32	11,709	1,096,456	37.32	29,380	257,040	48.00	5,355
2015	3,714,627	37.18	99,909	418,052	37.18	11,244	1,116,306	37.18	30,024	267,744	48.00	5,578

Notes:

(1) In fiscal year 2024, the Jail Authority adopted a new Per Diem rate for Hanover, Ashland and Caroline on March 1, 2024. It went from \$115.71 per day to \$90.00 per day. The \$107.15 represents the two rates blended for fiscal year 2024.

(2) in fiscal year 2023 the Federal Inmates rate increased from \$75.00 to \$90.00 per day on April 1, 2023. The \$78.75 rate represents the two rates blended for fiscal year 2023.
(3) In fiscal year 2019, the Jail Authority adopted a new Per Diem rate for Hanover, Ashland and Caroline County on January 1, 2019. It went from \$46.47 per day to \$55.50 per day. The \$50.99 rate represents the two rates blended for fiscal year 2019. Also in fiscal year 2019, the Federal Inmates rate increased from \$48.00 to \$75.00 per day on January, 1, 2019. The \$61.50 rate represents the two rates blended for fiscal year 2019.

## TABLE 8PAMUNKEY REGIONAL JAIL AUTHORITYLargest Revenue SourceCurrent Year and Ten Years Ago

	 Fiscal Ye	ar 2024
	Amount	Percentage
County of Hanover/Town of Ashland	\$ 7,268,321	36.23%
Intergovernmental Shared Expenses	5,554,617	27.68%
Subtotal	12,822,938	63.91%
Balance from other revenue sources	 7,241,188	36.09%
Grand totals	\$ 20,064,126	100.00%
	Fiscal Ye	2015
	 Fiscal fe	ar 2015
	 Amount	Percentage
County of Hanover/Town of Ashland	\$	
County of Hanover/Town of Ashland Intergovernmental Shared Expenses	\$ Amount	Percentage
•	\$ Amount 5,346,146	Percentage 43.63%
Intergovernmental Shared Expenses	\$ Amount 5,346,146 4,244,402	Percentage 43.63% 34.63%

Note:

The table includes the largest revenue sources required to reach 50% of the revenue base.

#### TABLE 9 PAMUNKEY REGIONAL JAIL AUTHORITY Outstanding Debt by Type Last Ten Fiscal Years

					Carolina County		Hanove		er County	
					Annual	Annual Per		Annual	A	nnual Per
Fiscal Year	Revenue				Total Personal	Capita Personal	To	tal Personal	Cap	oita Personal
June 30,	Bonds/Notes	Leases	Sub	scriptions	Income	Income		Income		Income
2024	\$ 1,208,106	\$ 116,728	\$	40,797	N/A	N/A	\$	8,482,186	\$	72,643
2023	1,352,324	180,978		51,552	1,645,782	36,953		8,210,502		72,643
2022	1,495,083	195,920		NA	1,555,626	35,588		8,165,682		72,643
2021	1,636,398	NA		NA	1,440,613	31,568		7,745,057		69,836
2020	1,776,283	NA		NA	1,343,383	NA		7,172,823		65,110
2019	1,914,752	NA		NA	1,294,583	NA		6,660,322		61,323
2018	3,741,820	NA		NA	1,259,845	NA		6,334,056		58,970
2017	5,497,501	NA		NA	1,201,056	NA		6,120,856		57,586
2016	4,870,000	NA		NA	1,255,476	NA		5,886,330		56,013
2015	6,370,000	NA		NA	1,140,455	38,035		5,628,856		54,163

Note:

Caroline County figures are taken from the FY2022 Caroline County ACFR, which lists info as NA. Hanover County figures are taken from Demographics statistics schedule in Hanover County ACFR.

#### TABLE 10 PAMUNKEY REGIONAL JAIL AUTHORITY Revenues Bond Coverage - Operating Fund Last Ten Fiscal Years

		Operating and	Available	Net Revenue				
Fiscal Year	Operating	Capital	Unrestricted Net	Available for Debt				Bond
June 30,	Revenues (1)	Expenses (2)	Position (4)	Service	Principal (5)	Interest (3)	Total	Coverage
• • • •		* · · · · · ·	<b>* -* -*</b>	<b>•</b> • • • • • • • • • • • • • • • • • •	<b>•</b>	••• · · • •		
2024	\$ 19,648,843	\$ 15,447,556	\$ 796,353	\$ 4,997,640	\$ - \$	320,655 \$	320,655	1559%
2023	15,500,731	14,788,623	871,717	1,583,825	-	138,463	138,463	1144%
2022	15,384,460	13,997,609	(1,009,514)	377,337	-	(44,976)	(44,976)	-839%
2021	14,961,345	14,734,411	491,862	718,796	-	16,963	16,963	4237%
2020	12,857,715	12,868,357	665,491	654,849	-	(120,714)	(120,714)	-542%
2019*	13,080,746	12,021,822	465,899	1,524,823	-	(122,544)	(122,544)	-1244%
2018	13,759,893	12,052,692	186,367	1,893,568	1,690,000	12,787	1,702,787	111%
2017	12,824,354	11,819,032	1,508,729	2,514,051	1,620,000	78,705	1,698,705	148%
2016	12,509,882	10,590,799	2,045,097	3,964,180	1,560,000	85,044	1,645,044	241%
2015	12,133,816	10,621,648	2,487,835	4,000,003	1,500,000	174,961	1,674,961	239%

Notes:

(1) Nonoperating Revenues from the Commonwealth of Virginia has been reclassified to Operating Revenues for presentation of the statistical table.

(2) Greater of budgeted or actual operating expenses exclusive of depreciation and amortization.

(3) Less amortization expense.

(4) During fiscal year 2004, the Jail Authority received an interpretation from its bond counsel that allows unrestricted net position from the prior year to be included as operating revenues for the purposes of the bond coverage calculation. The calculations for previous years have been revised accordingly.

\* The Revenue Bonds were paid off in Fiscal Year 2019, therefore, the bond coverage covenants are no longer applicable as of 6/30/19.

### TABLE 11PAMUNKEY REGIONAL JAIL AUTHORITYNumber of Employees by Identifiable ActivityLast Ten Fiscal Years

	Full-time Equivalent Employees as of June 30,											
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015		
Civilian Sworn	19 113	19 113	19 113	19 113	19 113	19 113	19 113	18 114	28 114	27 112		
Total employees	132	132	132	132	132	132	132	132	142	139		

Notes:

\* In FY2017, the civilian medical staff was contracted out to a third-party medical contractor Employee information pulled from Jail's adopted budget

### TABLE 12PAMUNKEY REGIONAL JAIL AUTHORITYInmate Booking StatisticsLast Ten Fiscal Years

Jurisdiction	Fiscal Year	Average Daily Population	Average Length of Stay (Days)	Average Monthly Bookings
Hanover	2015	276	20	324
	2016	282	20	322
	2017	281	21	302
	2018	285	25	324
	2019	262	23	308
	2020	232	27	199
	2021	198	26	218
	2022	189	24	227
	2023	158	22	206
	2024	174	22	213
		Average Daily	Average Length of	Average Monthly
Jurisdiction	<b>Fiscal Year</b>	Population	Stay (Days)	Bookings
Ashland	2015	31	25	35
1 101110110	2016	32	25	34
	2017	31	32	24
	2018	25	35	20
	2019	27	36	19
	2020	29	50	14
	2021	20	47	11
	2022	11	29	10
	2023	10	22	14
	2024	18	33	14
		Average Daily	Average Length of	Average Monthly
Jurisdiction	<b>Fiscal Year</b>	Population	Stay (Days)	Bookings
JULISUICUOII	ristai itai	ropulation		DUUKIII28
		<u>ropulation</u> 86		
Caroline	2015	86	25	82
	2015 2016	86 95	25 26	82 87
	2015 2016 2017	86 95 102	25 26 26	82 87 87
	2015 2016 2017 2018	86 95 102 98	25 26 26 30	82 87 87 89
	2015 2016 2017 2018 2019	86 95 102 98 85	25 26 26 30 25	82 87 87 89 87
	2015 2016 2017 2018 2019 2020	86 95 102 98 85 72	25 26 26 30 25 31	82 87 87 89 87 56
	2015 2016 2017 2018 2019 2020 2021	86 95 102 98 85 72 70	25 26 26 30 25 31 43	82 87 87 89 87 56 46
	2015 2016 2017 2018 2019 2020 2021 2022	86 95 102 98 85 72 70 67	25 26 26 30 25 31	82 87 87 89 87 56 46 55
	2015 2016 2017 2018 2019 2020 2021	86 95 102 98 85 72 70	25 26 26 30 25 31 43 33	82 87 87 89 87 56 46
	2015 2016 2017 2018 2019 2020 2021 2022 2023	86 95 102 98 85 72 70 67 53 66	25 26 26 30 25 31 43 33 22 25	82 87 87 89 87 56 46 55 68 70
Caroline	2015 2016 2017 2018 2019 2020 2021 2022 2023 2023 2024	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b>	25 26 26 30 25 31 43 33 22 25 Average Length of	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b>
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b>	25 26 26 30 25 31 43 33 22 25 Average Length of Stay (Days)	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b>
Caroline	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 34	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018 2019	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15 24	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 34 31	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13 20
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018 2019 2020	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15 24 30	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 34 31 46	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13 20 18
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018 2019 2020 2021	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15 24 30 112	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 31 25 34 31 46 53	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13 20 18 60
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018 2019 2020	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15 24 30 112 97	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 34 31 46 53 40	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13 20 18
Caroline Jurisdiction	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Fiscal Year 2015 2016 2017 2018 2019 2020 2021 2020 2021 2022	86 95 102 98 85 72 70 67 53 66 <b>Average Daily</b> <b>Population</b> 15 15 15 12 15 24 30 112	25 26 26 30 25 31 43 33 22 25 <b>Average Length of</b> <b>Stay (Days)</b> 25 31 25 31 25 31 25 34 31 46 53	82 87 87 89 87 56 46 55 68 70 <b>Average Monthly</b> <b>Bookings</b> 17 14 13 13 20 18 60 66

Note: \*Information obtained by Jail Tracker - Jail Management System reports

### TABLE 13PAMUNKEY REGIONAL JAIL AUTHORITYPrincipal Employers List

#### Most Recent Available Year and Period Nine Years Ago

			2023		2014			
	-			Percentage of			Percentage of	
<b>F</b>		<b>F</b> 1	<b>D</b> 1	Total County	<b>F</b> 1		Total County	
Employer	Type of Business	Employes	Rank	Employment (2)	Employes	Rank	Employment (2)	
Amazon Fulfillment Services Inc.	Administrative and Support Services	1,000 and over	1	3.2%	n/a	n/a	n/a	
Hanover County Schools	Educational Services	2,590	2	4.2%	2,438	1	4.4%	
Bon Secours Richmond Health System	Hospitals	1,000 and over	3	3.2%	1,000 and over	2	3.6%	
County of Hanover	Executive, Legislative and Other General Government Suppo	1,293	4	2.1%	1,048	3	1.9%	
Kings Dominion (Paramount Parks Inc)	Amusement, Gambling and Recreation Industries	1,000 and over	5	3.2%	500-999	9	3.6%	
Rmc Events	Administrative and Support Services	1,000 and over	6	3.2%	n/a	n/a	n/a	
Wal-Mart Stores	General Merchandise Stores	500-999	7	1.2%	500-999	5	1.3%	
Virginia Department of Alcoholic Beverage Control	Administration of Economic Programs	500-999	8	1.2%	n/a	n/a	n/a	
Supervalu Distribution Center (2023)/Richfood(2014)	Merchant Wholesalers, Nondurable Goods	500-999	9	1.2%	500-999	8	1.3%	
Randolph-Macon College	Educational Services	250-499	10	0.6%	250-499	10	0.7%	
Tyson Farms	Food Manufacturing	n/a	n/a	n/a	500-999	4	0.7%	
Accosta Sales & Marketing	Wholesale Electronic Markets and Agents and Brokers	n/a	n/a	n/a	500-999	6	1.3%	
Sales Mark	Professional, Scientific, and Technical Services	n/a	n/a	n/a	500-999	7	1.3%	
Total	_	60,172		23.38%	55,429		20.05%	

Notes:

(1) Sources: County and Schools employment levels provided by the Hanover County Department of Finance and Management Services, Budget Division. Other data provided by the Virginia Employment Commission (VEC). Employment levels represent full-time equivalents. The most recent year for which this data is available is 2021.

(2) Employment ranges for the private sector are as published by the VEC to ensure confidentiality. Percentages are based on the midpoint of the employment range.

(3) VEC Annual not Seasonally Adjusted Labor Force

(4) Due to the conversion over to a new human resource system and additional corrections by the schools, FTEs restated for FY17 for Schools Operating Fund and Food Services Fund will not match the totals listed in prior years.

(5) Due to the Amended FTE being used instead of the Adopted FTE, the FY18 Primary Government amount has been revised from the 6/30/18 ACFR reporting. In mid-FY18, the Board added 9 Public Safety (SAFER) and 4 Human Services.

# TABLE 14PAMUNKEY REGIONAL JAIL AUTHORITYDemographic Statistics for Member JurisdictionsLast Ten Fiscal Years

_	Carolina	County	Hanover County				
Fiscal Year		Unemployment		Unemployment			
June 30,	Population	Rate	Population	Rate			
2024	31,332	3.0%	116,766	2.7%			
2023	31,332	3.0%	115,526	2.6%			
2022	31,332	3.3%	112,409	2.6%			
2021	30,887	5.0%	110,903	3.6%			
2020	30,318	8.8%	110,164	4.8%			
2019	30,318	3.6%	108,611	2.3%			
2018	30,292	3.6%	107,411	2.6%			
2017	30,178	4.3%	106,290	3.3%			
2016	29,792	4.2%	105,088	3.4%			
2015	29,727	5.5%	103,925	3.8%			

Note:

\*Information obtained from Hanover County and Caroline County Annual Comprehensive Financial Reports.

## TABLE 15PAMUNKEY REGIONAL JAIL AUTHORITYSchedule of Insurance in ForceAs of June 30, 2024

Insurance Coverage	Insurance Company	Expiration Date	Coverage Limit	De	eductible
Building and Personal Property	VACo	7/1/2024	As scheduled	\$	1,000
Electronic Data Processing Equipment	VACo	7/1/2024	As scheduled	\$	1,000
Earthquake/Flood	VACo	7/1/2024	\$ 5,000,000	\$	25,000
Business Auto	VACo	7/1/2024	\$ 5,000,000		N/A
Schedule Equipment	VACo	7/1/2024	As scheduled	\$	1,000
Boiler and Machinery	VACo	7/1/2024	As scheduled	\$	1,000
Business Interruption and Extra Expense	VACo		Included in	l	
			blanke	t	
Workers' Compensation	VACGSIA	7/1/2024	\$ 1,000,000		N/A
Faithful Performance of Duty	Commonwealth of	7/1/2024	\$ 1,000,000		N/A
	Virginia - Division of				
	Risk Management				
Bond *1	Commonwealth of				
	Virginia - Division of				
	Commonwealth of				
Constitutional Officer *1	Risk Management	7/1/2024	\$ 1,000,000	\$	1,000
	Virginia - Division of				
	Risk Management				
General Liability		7/1/2024	\$ 2,000,000		N/A
Excess General Liability (Auto Also)		7/1/2024	\$ 3,000,000		N/A

Notes: N/A - Not Applicable \*1 - Provided by the Commonwealth of Virginia Insurance pulled from Certificate of Insurance from VACORP

### **COMPLIANCE SECTION**



#### INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

#### Honorable Members of the Board Pamunkey Regional Jail Authority

We have audited, in accordance with the auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States (*Government Auditing Standards*); and the *Specifications for Audits of Authorities, Boards, and Commissions,* issued by the Auditor of Public Accounts of the Commonwealth of Virginia, the financial statements of the business-type activity and the fiduciary activity of the Pamunkey Regional Jail Authority (Jail Authority), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the Jail Authority's basic financial statements, and have issued our report thereon dated November 6, 2024.

#### **Report on Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Jail Authority's internal control over financial reporting (internal control) as a basis for designing the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Jail Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Jail Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility a material misstatement of the Jail Authority's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit, we did not identify any deficiencies in internal control we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

#### **Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Jail Authority's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

#### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Jail Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Jail Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

PBMares, JJP

Harrisonburg, Virginia November 6, 2024