VIRGINIA MILITARY INSTITUTE



AUDITED FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE 2017

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MANAGEMENT'S DISCUSSION AND ANALYSIS

<u>Overview</u>

The Virginia Military Institute (VMI or Institute) is pleased to present its financial statements for the fiscal year ended 30 June 2017, along with the financial statements of its affiliate component units. This management's discussion and analysis (MD&A) is designed to facilitate the reader's understanding of the accompanying financial statements and to provide an objective, easily readable analysis of the Institute's financial activities based on currently known facts, decisions and conditions. The discussion focuses primarily on VMI's fiscal year 2017 in comparison to the prior year and includes highly summarized data that should be read in conjunction with the accompanying financial statements, notes to the financial statements and other supplementary information.

VMI's financial statements are prepared in accordance with Governmental Accounting Standards Board (GASB) standards and include three basic statements: the Statement of Net Position; the Statement of Revenues, Expenses, and Changes in Net Position; and the Statement of Cash Flows. Using criteria provided in GASB Statement 39, *Determining Whether Certain Organizations are Component Units*, management determined that the VMI Alumni Agencies, Inc., and the VMI Research Laboratories, Inc., are both component units of the Institute. The affiliates' financial statements are prepared in accordance with Financial Accounting Standards Board (FASB) standards and include the Statement of Financial Position and the Statement of Activities. These statements are presented on a separate page within the Institute's financial statements ("discretely") as defined by GASB Statement 39. As stated, the following MD&A discusses elements from VMI's statements and provides an overview of the Institute's activities. VMI's two affiliated entities (component units) are excluded from this MD&A.

Financial Highlights

VMI's overall financial position continued to improve during fiscal 2017 as the Institute's total net position, the residual interest in assets after liabilities are deducted, increased by \$15.0 million or 4.7% to \$330 million. The increase in net position was primarily due to \$20.0 million in capital grants and contributions recognized during 2017 and the resultant increase in net capital assets. VMI's operating revenues rose \$3.0 million or 6.0%, while a corresponding increase in operating costs was contained to \$4.3 million or 5.1%. Increases in the tuition rate of 5.0% (in-state) and 5.3% (out-of-state) contributed to the overall growth in operating revenues. Opening fall enrollment of the Corps of Cadets was 1,715 in 2017, consistent with the 1,717 in 2016 and discontinuing the upward trend experienced over the past several years (the targeted Corps size is 1,625). Enrolled Cadets' academic credentials remain significantly above average, with the fall 2017 new Cadet class consisting of 47% in the top quarter and 81% in the top half of their high school class. State appropriations (non-capital related) increased 7.6% in 2017 to \$14.7 million, which exceeded for the first time the \$14.6 million received from the Commonwealth in the 2008 fiscal year.

Development of VMI's Corps Physical Training Facilities (CPTF), the Institute's highest priority capital project, was completed during 2017. Phase one, which encompassed construction of the indoor training facility, hydraulic track, high ropes course, and climbing wall installation, commenced May 2014 and was finished in the fall of 2016. Phase two, which included renovation of Cormack Hall and Cocke Hall, began during the summer of 2014. Cocke and Cormack Halls provide Cadet physical conditioning facilities and support the Institute's Physical Education department. The renovations of Cormack Hall and Cocke Hall were substantially complete as of summer 2015 and fall 2017. Project costs for both phases (approximately \$118 million) were funded through the Virginia College Building Authority's (VCBA) 21st Century bond issuance and are an obligation of the Commonwealth. Completion of the CPTF provides state of the art facilities to support the rigorous physical training requirements unique to VMI.

VMI's significant private support, further solidified by \$344.1 million in gifts and commitments raised through the VMI Alumni Agencies' *An Uncommon Purpose Campaign*, positions the Institute well for the continued provision of excellent Cadet programs and services.

Statement of Net Position

The Statement of Net Position presents the assets, deferred outflows, liabilities, deferred inflows and net position of the Institute as of the end of the fiscal year. The difference between total assets and total liabilities (Net Position) is one indicator of the current financial condition of VMI. The purpose of the statement is to present readers with a fiscal snapshot as of 30 June 2017. The data presented facilitates readers' determination of the asset values available to support Institute operations and the amounts owed to vendors, creditors and others.

The Institute's net position is classified as follows:

- Net investment in capital assets Represents total investment in property, plant, and equipment, (net of accumulated depreciation) and outstanding debt obligations related to those capital assets. Debt incurred, but not yet expended for capital assets, is not included as a component of net investment in capital assets.
- **Restricted net position expendable** Consists of resources that must be expended by the Institute in accordance with donor or other external entity stipulations, such as time or purpose restrictions on the use of the assets.
- **Restricted net position nonexpendable** Represents the corpus of endowments and similar type funds where donors or other external entities have stipulated, as a condition of the gift instrument, that the principal be maintained inviolate, in perpetuity and invested for the purpose of producing present and future income to either be expended or added to the principal.
- Unrestricted net position Represents resources utilized for the general operations of the Institute and, at the discretion of the Board of Visitors, for any lawful purpose in support of the Institute and the fulfilment of its mission.

VIRGINIA MILITARY INSTITUTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED) For the Year Ended 30 June 2017

Statement of Net Position					
	30 June 2017	30 June 2016		Variance	
Assets:					
Current assets	\$ 35,099,268	\$ 35,757,351	\$	(658,083)	-1.8%
Capital assets, net	337,659,809	330,772,318		6,887,491	2.1%
Other noncurrent assets	21,801,123	22,810,421		(1,009,298)	-4.4%
Total assets	394,560,200	389,340,090		5,220,110	1.3%
Deferred outflows	4,576,115	3,056,893		1,519,222	49.7%
Total assets and deferred outflows	\$ 399,136,315	\$ 392,396,983	\$	6,739,332	1.7%
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Liabilities: Current liabilities	\$ 13.672.045	\$ 20.926.965	\$	(7.254.020)	24 70/
	¢ 10,072,010	+ _0,, _0,, 00	Э	(7,254,920)	-34.7%
Noncurrent liabilities	53,809,938	53,901,092		(91,154)	-0.2%
Total liabilities	67,481,983	74,828,057		(7,346,074)	-9.8%
Deferred Inflows	1,478,000	2,235,000		(757,000)	-33.9%
Total liabilities and deferred inflows	\$ 68,959,983	\$ 77,063,057	\$	(8,103,074)	-10.5%
Net position:					
Net investment in capital assets	\$ 318,119,310	\$ 312,467,433	\$	5,651,877	1.8%
Restricted - expendable	11,425,257	10,479,202		946,055	9.0%
Restricted - nonexpendable	1,256,116	1,256,116		-	0.0%
Unrestricted	(624,351)	(8,868,825)		8,244,474	93.0%
Total net position	\$ 330,176,332	\$ 315,333,926	\$	14,842,406	4.7%

As of 30 June 2017, VMI's total assets and deferred outflows increased by \$6.7 million or 1.7% from the prior year to \$399.1 million. The change was primarily due to a net increase of \$6.9 million or 2.1% within Institute capital assets. More specifically, a decrease of \$89.4 million of nondepreciable assets (construction in progress) was offset by a corresponding increase of \$96.3 million in net depreciable capital assets, predominantly from the 2017 Corps Physical Training Facilities (CPTF) completion (a multi-year, \$118 million capital project).

The change in current assets, which remained relatively consistent overall, is comprised of two substantial, offsetting fluctuations. Cash and cash equivalents rose \$11.0 million while the amount due VMI from the Commonwealth declined \$10.1 million. Two factors influencing the variation in both accounts include an enhanced Auxiliary fund balance earmarked for upcoming Post maintenance projects and a substantial decline in year-end construction expenditures (which must be incurred by the Institute prior to Commonwealth reimbursement).

Deferred outflows of resources (a consumption of net assets applicable to a future reporting period) increased \$1.5 million or 49.7%. The largest component of Institute deferred outflows is \$2.2 million of current year Virginia Retirement System (VRS) pension expense that must be reclassified as a deferred outflow and subsequently recognized as a reduction of the 2018 net pension liability per GASB 68/71 implementation requirements. The 2017 increase of \$1.5 million is attributable to a \$1.7 million allocated change in the investment experience of the combined pension plans' (the Plans') fiduciary net position as

reported by VRS. Deferred inflows of resources (an acquisition of net assets applicable to future periods) decreased \$0.8 million due to a variation in the expected versus actual returns as well as, again, the overall investment experience of the Plans' fiduciary net position.

Total current liabilities decreased \$7.3 million or 34.7%, primarily due to a comparable decline in accounts payable and accrued expenses (\$7.3 million or 42.3%). The fluctuation in accounts payable and accrued expenses is attributable to substantial reductions in retainage payable (the portion of construction costs withheld until substantial completion is reached) and plant fund accruals (expenditures for capital asset construction and renovation) due to 2017 completion of both CPTF phases.

A negative unrestricted fund balance initially occurred in 2015 due to recognition of the Institute's proportionate share of the Commonwealth's overall net pension liability in accordance with GASB 68/71. Factors in the current year contributing to the \$8.2 million or 93.0% increase in the unrestricted net position balance include a considerable decline in pending capital construction reimbursements due from the Commonwealth, enhanced Auxiliary program balances earmarked for various capital and non-capital construction projects, and an increase in tuition and fee revenues collected during 2017.

Statement of Revenues, Expenses, and Changes in Net Position

The Statement of Revenues, Expenses and Changes in Net Position (SRECNP) presents the Institute's operating results, nonoperating revenues and expenses and gains or losses incurred during the period. Changes in total net position as represented on the Statement of Net Position are the result of the activity depicted in the Statement of Revenues, Expenses, and Changes in Net Position.

In general, operating revenues are recognized when goods and services are provided to Cadets and other constituencies of the Institute. Operating expenses are recognized when incurred in the acquisition or production of those goods and services.

Nonoperating revenues are funds for which goods and services are not directly provided. Included in this category are State appropriations and gifts, which augment coverage of the Institute's operating expenses and support Cadet scholarships. As a result, VMI, similar to other public higher-education institutions, is expected to show a net operating loss.

VIRGINIA MILITARY INSTITUTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED) For the Year Ended 30 June 2017

	 30 June 2017	(°)	30 June 2016 Varia		Variance	e
Operating revenues:						
Tuition and fees	\$ 24,629,351	\$	23,877,959	\$	751,392	3.1%
Grants and contracts	92,286		92,286		-	0.0%
Auxiliary enterprises	23,094,994		21,009,976		2,085,018	9.9%
Unique military activities	3,296,785		3,204,701		92,084	2.9%
Other sources	 1,700,244		1,654,339		45,905	2.8%
Total operating revenues	52,813,660		49,839,261		2,974,399	6.0%
Operating expenses:						
Educational and general	52,139,290		49,578,696		2,560,594	5.2%
Auxiliary enterprises	26,110,524		26,392,366		(281,842)	-1.1%
Unique military activity	 10,911,024		8,885,495		2,025,529	22.8%
Total operating expenses	89,160,838		84,856,557		4,304,281	5.1%
Operating loss	 (36,347,178)		(35,017,296)		(1,329,882)	3.8%
Nonoperating revenues (expenses):						
State appropriations	14,740,692		13,702,526		1,038,166	7.6%
Gifts, grants and contributions	16,263,641		16,511,328		(247,687)	-1.5%
Investments	1,777,289		45,107		1,732,182	3840.2%
Other	 (1,128,064)		(517,773)		(610,291)	-117.9%
Net nonoperating revenues	 31,653,558		29,741,188		1,912,370	6.4%
Income (loss) before other revenues	(4,693,620)		(5,276,108)		582,488	11.0%
Other revenues/reductions	 19,536,026		58,269,035		(38,733,009)	-66.5%
Increase (decrease) in net position	14,842,406		52,992,927		(38,150,521)	-72.0%
Net position - beginning of year	 315,333,926		262,340,999		52,992,927	20.2%
Net position - end of year	\$ 330,176,332	\$	315,333,926	\$	14,842,406	4.7%

As of 30 June 2017, total operating revenues increased by \$3.0 million or 6.0%, \$1.3 million less than a \$4.3 million or 5.1% increase in total operating expenses. Opening fall enrollment remained relatively flat for 2017 at 1,715 Cadets compared to 1,717 in 2016, while total mandatory fees (tuition, auxiliary enterprises and unique military activity charges) per individual increased by 5.0% and 5.03% for in-state and out-of-state Cadets, respectively. The \$4.3 million rise in operating expenditures was primarily due to additional unique military activity costs of \$2.0 million, of which \$1.0 million relates to an increase in depreciation expense as a result of the 2017 CPTF capital project completion (accrued construction in progress costs begin depreciating once a project reaches substantial completion). Further, \$1.4 million of additional physical plant operation and maintenance charges were recognized during the current year, inclusive of \$0.7 million of added personal services expense and a combined \$0.9 million of increased contractual service and equipment purchase outlays. Lastly, of the \$2.6 million or 5.2% of additional educational and general costs recognized during 2017, \$1.0 million was collectively from increased instruction and institutional support expenses incurred.

Net non-operating revenues increased \$1.9 million or 6.4% due to an additional \$1.0 million in 2017 Commonwealth appropriations (\$14.7 million) and \$1.7 million of investment gains as a result of the performance of investments pooled with VMI affiliates. Offsetting this activity was a net \$0.8 million

accounting loss on disposal of plant assets that had not fully depreciated but were replaced through capital construction renovation efforts.

The \$38.7 million or 66.5% decline in other revenues and reductions is directly correlated to capital construction project status, specifically, the aforementioned 2017 completion of the multi-year CPTF initiative (\$118 million in total) and reduction of capital expenditure activity thereof. Net CPTF grants and contributions recognized were \$17.4 million and \$56.3 million in 2017 and 2016, respectively.

Statement of Cash Flows

The Statement of Cash Flows presents detailed information about the Institute's cash activity during the year. Cash flows from operating activities will always differ from the operating loss on the SRECNP. The SRECNP is prepared using the accrual basis of accounting and includes noncash items such as depreciation, whereas the Statement of Cash Flows presents cash inflows and outflows as received or disbursed, without consideration of accruals. The Statement of Cash Flows should assist readers in assessing the Institute's ability to generate cash flows sufficient to meet its obligations. It is divided into five parts: operating activities, noncapital financing activities, capital and related financing activities, investing activities, and a reconciliation of net operating expenses as reflected on the SRECNP to net cash used by operating activities.

Statement of Cash Flows

	30 June 2017	30 June 2016	Varianc	e
Net cash used by operating activities Net cash provided by noncapital financing activities Net cash provided by capital and financing activities Net cash provided by investing activities	\$ (25,332,240) 31,497,257 1,767,363 932,752	\$ (25,014,415) 29,431,250 876,521 475,345	\$ (317,825) 2,066,007 890,842 457,407	1.3% 7.0% 101.6% 96.2%
Net increase (decrease) in cash	8,865,132	5,768,701	3,096,431	53.7%
Cash - beginning of year	21,902,951	16,134,250	5,768,701	35.8%
Cash - end of year	\$ 30,768,083	\$ 21,902,951	\$ 8,865,132	40.5%

Cash flows from operating activities will always result in a net use for the Institute as State appropriations and private gifts are treated as cash sources for noncapital or capital financing activities as opposed to operating funds. Institute cash balances increased \$8.9 million in 2017 in comparison to \$5.8 million in 2016.

Tuition and fees (\$24.8 million) and auxiliary charges (\$23.1 million) represent the largest sources of operating cash, while compensation and benefits (\$46.4 million) and supplies and services payments (\$30.9 million) account for the most significant use of operating funds. Overall, net cash used by operating activities remained relatively consistent (1.3% difference) in 2017 compared to 2016. The total increase in cash flows produced by mandatory tuition and fee charges (\$4.0 million) was modestly offset by \$4.3 million of additional salaries, benefits, supplies and services payments.

Net cash provided by noncapital financing activities consists primarily of private fund support (\$16.3 million) and State appropriations (\$14.7 million). The \$2.1 million net cash increase was primarily due to receipt of an additional \$1.0 million in Commonwealth appropriations and \$1.5 million in private support.

Net cash provided by capital and related financing activities consists largely of gifts and contributions from the Commonwealth's Virginia College Building Authority (VCBA) bond funding programs and the

VMI Development Board (\$29.6 million total). Offsetting for the year the increase in cash provided by capital and financing activities is \$25.7 million in capital asset purchases and construction and \$2.2 million capital debt principal and interests payments (up \$0.7 million due to the 2016 outstanding notes payable increase of \$4.2 million).

Capital Asset and Debt Administration

Fiscal year ending June 30,2017 represents the fifteenth year of the implementation of VMI's Vision 2039. Vision 2039 is a leadership plan rather than a construction plan; however, construction of new facilities and the renovation of older buildings on Post are essential components of Vision 2039. Since 2003, VMI has completed significant and comprehensive improvements to its facilities totaling approximately \$360.8 million. This includes renovation of academic buildings, construction of a new Center for Leadership and Ethics, construction of new outdoor Military and Leadership Field Training Grounds, expansion and renovation of the Barracks and the Mess Hall, construction of a new Physical Plant facility, renovation of the Post Hospital and Cormack Hall, improvements to athletic facilities, and construction of parking facilities.

Additionally, during fiscal year 2017, construction was completed on the Corps Physical Training Facilities (CPTF) project. The CPTF initiative was VMI's highest priority project and consisted of two phases: Phase I (\$80 million) to construct a new Corps Physical Training Facility, and Phase II (\$38 million) to renovate Cocke Hall and Cormack Hall, which provide Cadet physical conditioning facilities and support VMI's physical education department, respectively. Both phases were funded by capital contributions from the Commonwealth of Virginia through the VCBA 21st Century bond funds, which are an obligation of the State.

During fiscal year 2017, renovation and construction continued on a number of projects, including repairs to Barracks parapets, stoops, and windows, Cameron Hall roof, and Carroll Hall Psychology laboratories. These projects were financed through VCBA pooled bonds that were sold in 2013, 2014, and 2015. The pooled bond funds are an obligation of the Institute and are reflected as a liability in the Institute's Statement of Net Position. In addition, planning began on the renovation and construction of Preston Library, Scott Shipp Hall, and Improving Post Infrastructure projects. These three projects are funded similarly to CPTF, by capital contributions from the Commonwealth of Virginia through the VCBA 21st Century bond funds.

All of the improvements noted above provide the most modernized and technologically advanced facilities in the long history of VMI. Since VMI began its Vision 2039 capital program, the Institute has incurred long-term debt only on Jackson Memorial Hall, the Cocke Hall Annex, Crozet Hall, South Institute Hill Parking, and several small repair and improvement projects. The remaining projects have been financed with State funds, auxiliary funds, or private gifts and contributions resulting in no debt obligations for the Institute. As of 30 June 2017, the debt outstanding on these projects totaled \$23 million with annual debt service payments of \$2.4 million. VMI's Board of Visitors adopted debt guidelines in August 2005 to help ensure sound management and control of debt and annually monitors the Institute's position relative to those guidelines.

The Institute's long-term debt consists of \$6.5 million of bonds and \$16.5 million of notes payable. The bonds payable were issued in August 2004 pursuant to Section 9(c) of Article X of the Constitution of Virginia by the Department of Treasury for the Commonwealth of Virginia on behalf of the Institute for renovation and expansion of Crozet Hall, the Institute dining facility, and parking. The bonds bear interest at an average coupon rate of 4.8% and are payable over 20 years through June 2025. The bonds are secured by the net revenues of the facilities, which are comprised primarily of Cadet fees.

The Institute's notes payable consists of debt obligations between VCBA and the Institute. VCBA issued bonds through its Pooled Bond Program and used the proceeds to purchase debt obligations (notes) of the Institute. Notes related to the Cocke Hall Annex and the Jackson Memorial Hall renovations, initially issued in 2002, have an average coupon rate of 4.3% and are payable over 20 years through 2023. Notes related to the South Institute Hill Parking project were issued in 2010 at an average coupon rate of 4.8% and are payable over 20 years through 2031. Notes related to the Post Improvements Phases I, II, and III projects were issued in 2013, 2014, and 2015, respectively, at an average coupon rate of 4.2% and are payable over 20 years through 2036. The Cocke Hall Annex, South Institute Hill Parking, and Post Improvements project notes will be paid from Auxiliary Enterprises Program reserve funds, which consist primarily of Cadet fees. The Jackson Memorial Hall note is secured by funds paid by the VMI Foundation, Inc. on a year-to-year basis as a gift to the Institute. Should the gift be discontinued, repayment will be made from the general revenues of the Institute.

Economic Outlook

The Institute's economic outlook is generally favorable due to its continuing strong Cadet demand and national reputation especially for its engineering programs. The Institute has consistently ranked high on the *U.S. News and World Report* list of public liberal arts colleges with a current ranking of #4 behind the three federal service academies. The magazine also ranks VMI's engineering programs as No. 26 nationally among colleges whose highest degree is a bachelor's or master's. *Money* magazine ranks VMI as the No. 5 college in Virginia and No. 41 overall among all colleges in the United States. The Brookings Institution ranks VMI No. 14 nationally in earnings value. As a public institution with significant private support, the Institute continues to be well positioned to provide excellent programs and services to its Cadets as it maintains a clear educational focus and a well-established niche in the higher education marketplace.

VMI received 1,861 Cadet applications for its fall 2017 new Cadet class resulting in an average for the past three years of 1,905 applications. VMI accepted 52% of the applicants for fall 2017 with a yield of 52% or 504 new Cadets. VMI accepted 50% of the applicants for fall 2016 with a yield of 52% or 506 new Cadets. The academic credentials of the Cadets enrolled continue to be significantly above average with the fall 2017 new Cadet class consisting of 47% in the top quarter and 81% in the top half of their high school class.

VMI remains committed to an average Corps size of about 1,625 Cadets with an appropriate mix of instate and out-of-state Cadets to help maintain financial stability. In-state Cadets totaled 59% of the Corps for fiscal 2016 and 61% for fiscal 2017. VMI continues to strive to keep its tuition and fees affordable and competitive while offering significant financial assistance for Cadets with demonstrated need. Operating revenues consisting mostly of Cadet tuition and fees provided about \$52.8 million or 62% of total revenues and support in fiscal 2017 with this percentage expected to increase in the future.

State support provided \$14.7 million or 17% of VMI's total revenues and support for operations in fiscal 2017 excluding funding for capital projects. State support provided \$19.1 million for capital projects consisting primarily of Corps Physical Training Facilities. State support for operations is expected to total about \$15.2 million in fiscal 2018 for an increase of 3.4% over fiscal 2017. State support for capital projects for fiscal 2018 is estimated to total about \$7.1 million and consists primarily of construction funding for Maintenance Reserve and Corps Physical Training Facilities, and planning funds for the Post Infrastructure, Preston Library Renovation, and Scott Shipp Renovation capital projects.

Because State support is significant, VMI is directly impacted by changes in the State's economic outlook. FY 2017 State revenues fell short of forecasts resulting in VMI experiencing a \$543,000 reduction in State support. For the first two months of FY 2018, State revenues are slightly ahead of projections and there are no current indications of additional State funding reductions in FY 2018. While there are no indications of additional State reductions, the Governor's Office directed State agencies to limit 2018-2020 biennial requests to unavoidable cost increases or initiatives that improve the long-term economic health of the Commonwealth.

Private support provided \$15.2 million or 18% of VMI's total revenues and support for operations in fiscal 2017 excluding funding for capital projects. Private support provided \$191,000 for capital project debt service. Private support is derived mostly from VMI's alumni agencies and continues to remain strong due to ongoing fundraising efforts and the professional management of their diversified portfolio of endowment assets. The endowment had a market value of \$435 million as of 30 June 2017 reflecting an increase of about 13.9% over fiscal 2016. The alumni agencies completed a fund-raising campaign on 30 June 2017 that significantly increased endowments in support of new and existing programs.

VMI's executive management believes that there will be little growth in State support over the next few years. Because of the success of the ongoing fund-raising campaign, private support in the next few years is expected to increase, providing much needed revenues to help offset any State reductions. VMI remains committed to on-going improvement of academic programs, cost containment, and the affordability and competitiveness of tuition and fees. These commitments, along with continuing major investments and improvements in facilities, are expected to bolster the favorable student demand for the VMI education and keep the Institute's overall financial position strong.

FINANCIAL STATEMENTS

VIRGINIA MILITARY INSTITUTE Statement of Net Position As of 30 June 2017

FY 2017

ASSETS	
Current assets	-
Cash and cash equivalents (Note 2)	24,510,028
Accounts receivable, Net of allowance for doubtful accounts of \$48,283 (Note 3)	1,160,446
Due from the Commonwealth (Note 4)	1,384,934
Due from federal government	26,970
Prepaid expenditures	1,253,189
Inventories (Note 5)	6,444,806
Loans receivable	318,895
Total current assets	35,099,268
Noncurrent assets	
Cash and cash equivalents (Note 2)	2,068,754
Cash equivalent-restricted (Note 2)	4,189,301
Investments held with trustees (Note 2)	14,346,413
Appropriations Available	137,058
Accounts receivable (Note 3)	14,698
Loans receivable, Net of allowance for doubtful accounts of \$34,398	1,044,899
Nondepreciable capital assets (Note 6)	11,597,556
Depreciable capital assets, <i>Net of accumulated depreciation</i> (Note 6)	326,062,253
Total noncurrent assets	359,460,932
Total assets	394,560,200
DEFERRED OUTFLOW OF RESOURCES	
Loss on refunding	497,977
Deferred outflows related to pensions (Note 12)	4,078,138
Total deferred outflow of resources	4,576,115
Total assets and deferred outflows	399,136,315
LIABILITIES	
Current liabilities	-
Accounts payable and accrued expenses (Note 7)	9,904,977
Unearned revenue	1,016,202
Deposits held for others	686,392
Long-term liabilities-current portion (Note 8)	644,474
Long-term debt-current portion: (Note 8, Note 9)	1,420,000
Total current liabilities	13,672,045
Noncurrent liabilities	
Accrued liabilities (Note 7)	2,745,350
Federal loan program contributions refundable	1,268,316
Long-term liabilities-noncurrent portion (Note 8)	717,169
Long-term debt-noncurrent portion: (Note 8, Note 9)	21,578,103
Net Pension Liability (Note 12)	27,501,000
Total noncurrent liabilities	53,809,938
Total liabilities	67,481,983

DEFERRED INFLOWS OF RESOURCES	
Deferred inflows related to pensions (Note 12)	1,478,000
Total deferred inflow of resources	1,478,000
NET POSITION	
Net investment in capital assets	318,119,310
Restricted-nonexpendable	
Endowment	1,256,116
Restricted-expendable	
Scholarships and other	1,963,202
Loan funds	583,938
Quasi-endowment-restricted	8,707,041
Capital projects	171,076
	11,425,257
Unrestricted	(624,351)
Total net position	330,176,332
Total liabilities, deffered inflows and net position	399,136,315

COMBINED STATEMENT OF FINANCIAL POSITION Component Units of Virginia Military Institute As of 30 June 2017

ASSETS	
Current assets:	
Cash and cash equivalents	\$ 18,162,487
Contributions receivable (Note 17)	20,231,909
Accounts receivable	158,607
Note receivable	116,315
Other	213,474
Total current assets	38,882,792
Noncurrent assets:	
Contributions receivable (Note 17)	17,454,529
Note receivable	107,417
Investments held by trustees (Note 17)	417,552,460
Investments, other (Note 17)	16,602,136
Investment securities	222,575
Cash surrender of life insurance	6,024,732
Property and equipment, net of accumulated depreciation	324,792
Total noncurrent assets	458,288,641
Total assets	497,171,433
LIABILITIES	
Current liabilities:	
Accounts payable and accrued expenses	1,037,785
Unearned revenue	1,848
Long-term liabilities-current portion:	
Trust and annuity obligations	682,345
Total current liabilities	1,721,978
Noncurrent liabilities:	
Other liabilities	14,698
Long-term liabilities-noncurrent portion:	
Bonds payable (Note 17)	46,928,884
Trust and annuity obligations	4,700,806
Total noncurrent liabilities	51,644,388
Total liabilities	53,366,366
NET ASSETS	
Unrestricted	54,497,303
Temporarily restricted	189,133,693
Permanently restricted	200,174,071
Total net assets	443,805,067

VIRGINIA MILITARY INSTITUTE Statement of Revenues, Expenses, and Changes in Net Position For the Year Ended 30 June 2017

	FY 2017
erating revenues:	
Tuition and fees, <i>Net of scholarships allowances of \$6,959,112</i>	24,629,351
Federal grants and contracts	91,286
State and private grants and contracts	1,000
Sales and services of educational departments	346,235
Auxiliary enterprise, <i>Net of scholarship allowances of \$6,010,586</i>	23,094,994
Unique military activities, <i>Net of scholarship allowances of</i> \$9,010,580	3,296,785
Other sources:	5,290,785
	607,642
Museum programs Rents and commissions	574,277
Miscellaneous	,
Miscellaneous	172,090
Total operating revenues	52,813,660
rating expenses:	_
Educational and general	
Instruction	22,779,649
Research	188,471
Public service	1,416,024
Academic support	7,853,692
Student services	4,113,917
Institutional support	6,453,640
Operation and maintenance of physical plant	8,442,997
Scholarships and related expense	890,900
Auxiliary enterprises	26,110,524
Unique military activities	10,911,024
Total operating expenses (Note 10)	89,160,838
Net operating income (loss)	(36,347,178)
noperating revenues/(expenses):	-
State appropriations (Note 11)	14,740,692
Gifts and contributions	15,300,688
Federal student financial aid (Pell)	930,390
Federal stabilization funds (ARRA)	32,563
Investment income (loss)	1,777,289
Interest on capital asset - related debt	(675,703)
Gain/(loss) on disposal of plant assets	(838,824)
Other nonoperating revenue	386,463
other hohoperating revenue	
Net nonoperating revenues	31,653,558
x 0	
Net nonoperating revenues	31,653,558
Net nonoperating revenues Income (loss) before other revenues and extraordinary items	31,653,558
Net nonoperating revenues Income (loss) before other revenues and extraordinary items ther revenues and reductions:	31,653,558 (4,693,620)
Net nonoperating revenues Income (loss) before other revenues and extraordinary items <i>her revenues and reductions:</i> Grants and contributions-capital	31,653,558 (4,693,620) 19,503,080
Net nonoperating revenues Income (loss) before other revenues and extraordinary items ner revenues and reductions: Grants and contributions-capital Investment income-capital	31,653,558 (4,693,620) 19,503,080 32,946
Net nonoperating revenues Income (loss) before other revenues and extraordinary items ter revenues and reductions: Grants and contributions-capital Investment income-capital Total other revenues and reductions	31,653,558 (4,693,620) 19,503,080 32,946 19,536,026

FY 2017

COMBINED STATEMENT OF ACTIVITIES Component Units of Virginia Military Institute For the Year Ended 30 June 2017

	U	nrestricted	Cemporarily Restricted		ermanently Restricted	 Total
REVENUES						
Amounts raised on behalf of VMI	\$	3,140,811	\$ 22,116,088	\$	23,714,767	\$ 48,971,666
Grants, contributions and contracts		210,843	14,979		-	225,822
Investment income		814,707	3,543		-	818,250
Actuarial gain/(loss) on trust and annuity obligations		(98,239)	(513,958)		25,903	(586,294)
Administrative fees		30,000	-		-	30,000
Other income		8,059	-		-	8,059
Net assets released from restrictions and reclassifications		11,418,523	 (11,418,523)		-	 -
Total revenues		15,524,704	 10,202,129	·	23,740,670	 49,467,503
EXPENSES						
Amounts remitted directly to or on behalf of VMI:						
Unrestricted		5,972,267	-		-	5,972,267
Designated		11,507,397	-		-	11,507,397
Cost of operations		7,119,072	-		-	7,119,072
Conference, research and education		324,297	 -		-	 324,297
Total expenses		24,923,033	 			 24,923,033
Change in net assets before net realized and unrealized gain/(loss) on investments		(9,398,329)	10,202,129		23,740,670	24,544,470
Net realized and unrealized gain/(loss) on investments		14,929,450	 32,679,914			 47,609,364
Change in net assets		5,531,121	42,882,043		23,740,670	72,153,834
NET ASSETS Beginning		48,966,182	 146,251,650		176,433,401	 371,651,233
Ending	\$	54,497,303	\$ 189,133,693	\$	200,174,071	\$ 443,805,067

VIRGINIA MILITARY INSTITUTE Statement of Cash Flows

For the Year Ended 30 June 2017

Cash provided/(used) by operating activities:	
Tuition and fees	\$ 24,762,511
Federal grants and contracts	91,286
State and private grants and contracts	1,000
Sales and services-educational and general	310,058
Auxiliary charges	23,131,545
Unique military activity charges	3,297,144
Other operating receipts	1,334,138
Payments to employees for salaries and benefits	(46,444,528)
Payments for supplies and services	(30,933,331)
Payments for scholarships and fellowships	(860,531)
Loan funds issued to students	(172,705)
Collections of loans from students	151,173
Net cash provided/(used) by operating activities	(25,332,240)
Cash provided/(used) by noncapital financing activities:	
State appropriations	14,740,692
Nonoperating grants and contracts	950,260
Gifts and contributions for other than capital purposes	16,253,760
Other non-operating disbursements	(288,536)
Federal Direct Lending Program-receipts	7,925,812
Federal Direct Lending Program-disbursements	(7,925,812)
Agency receipts	1,162,973
Agency disbursements	(1,321,892)
Net cash provided/(used) by noncapital financing activities	31,497,257
Cash provided/(used) by capital and related financing activities:	
Capital gifts and contributions	29,593,725
Proceeds from capital assets	15,157
Purchase and construction of capital assets	(25,678,227)
Principal paid on capital debt, leases and installments	(1,316,552)
Interest paid on capital debt, leases and installments	(879,686)
Investment income-capital	32,946
Net cash provided/(used) by capital and relating financing activities	1,767,363
Cash provided/(used) by investing activities:	
Interest on investments	162,204
Investment/Endowment income	277,175
Sale of investments	493,373
Net cash provided/(used) by investing activities	932,752
Net increase/(decrease) in cash	8,865,132
Cash and cash equivalents-beginning of year	21,902,951
Cash and cash equivalents -end of year	\$ 30,768,083

VIRGINIA MILITARY INSTITUTE Statement of Cash Flows For the Year Ended 30 June 2017

Operating loss	\$ (36,347,178)
Adjustments to reconcile net operating expenses to cash used by	
operating activities:	
Depreciation expense	11,264,950
Changes in assets, liabilities, deferred outflows, and deferred inflows:	
Accounts receivable	39,553
Inventories	470,043
Prepaid expenditures	27,572
Loans receivable	67,462
Deferred outflows of resources related to pensions	(1,442,670)
Accounts payable and accrued liabilities	(590,619)
Unearned revenue	84,670
Compensated absences	(22,062)
Federal loan program contributions refundable	(90,961)
Net pension liability	1,964,000
Deferred inflows related to pensions	(757,000)
Net cash used in operating activities	\$ (25,332,240)

Noncash investing, noncapital financing, and capital related financing transactions:

Change in fair value of investments recognized as a component of investment income	\$ 985,623
Amoritzation of bond premium/discount and gain/loss on debt refinancing	(268,164)
Capitalization of interest revenue and expense, net	(192,975)
Loss on disposal of capital assets	(838,824)
Special revenue allocation related to Pensions	675,000

Reconciliation of cash and cash equivalents to the Statement of Net Position:	
Cash and cash equivalents classified as current assets	\$ 24,510,028
Cash and cash equivalents classified as noncurrent assets	 6,258,055
	\$ 30,768,083

- NOTES TO FINANCIAL STATEMENTS -

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NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Reporting Entity

The Virginia Military Institute believes that the measure of a college lies in the quality and performance of its graduates and their contributions to society. Therefore, it is the mission of the Virginia Military Institute to produce educated, honorable men and women prepared for the varied work of civil life, imbued with love of learning, confident in the functions and attitudes of leadership, possessing a high sense of public service, advocates of the American Democracy and free enterprise system, and ready as citizen-soldiers to defend their country in time of national peril.

To accomplish this result, Virginia Military Institute shall provide to qualified young men and women undergraduate education of highest quality – embracing engineering, science, and the arts – conducted in, and facilitated by, the unique VMI system of military discipline.

The Institute is part of the Commonwealth of Virginia's statewide system of public higher education. The VMI Board of Visitors, appointed by the Governor, is responsible for overseeing the Institute's governance. A Comprehensive Annual Financial Report (CAFR) is prepared for the Commonwealth of Virginia which includes all agencies, boards, commissions, and authorities over which the Commonwealth exercises or has the ability to exercise oversight authority. The Institute, as a component unit of the Commonwealth of Virginia, is included in the general purpose financial statements of the Commonwealth.

The Governmental Accounting Standards Board (GASB) Statement 39, *Determining Whether Certain Organizations Are Component Units*, provides guidance to determine whether certain organizations for which the Institute is not financially accountable should be reported as component units. Generally, it requires reporting as a component unit an organization that raises and holds economic resources for the direct benefit of the Institute.

The VMI Alumni Agencies is a legally separate, tax-exempt entity whose purpose is to organize the alumni of the Institute and to aid in the promotion of its welfare and the successful execution of its educational purpose. It accomplishes this through fund-raising to supplement tuition and fees charged to Cadets and the support VMI receives from the Commonwealth of Virginia. Because the VMI Alumni Agencies' resources are held almost entirely for the benefit of the Institute and these resources are considered significant to the Institute, the VMI Alumni Agencies are included as a component unit.

The VMI Research Laboratories (VMIRL) is a legally separate, tax-exempt entity whose purpose is to administer contract and grant research at the Institute. Because of this relationship to the Institute, it also has been determined to be a component unit of VMI. Both the VMI Alumni Agencies and the VMIRL have been discretely presented in these statements in accordance with GASB Statement 39.

Because the VMI Alumni Agencies and the VMIRL report under a different reporting model, the Financial Accounting Standards Board (FASB) standards, the VMI Board of Visitors and the administration of the Institute believe the Institute's financial statements should be presented on a separate page from the Institute's component units as allowed by GASB Statement 39. Separate financial statements for the VMI Alumni Agencies may be obtained by visiting <u>www.vmi.edu/foundation/stewardship</u> or by writing the Chief Financial Officer, VMI Foundation, Inc., 304 Letcher Avenue, P.O. Box 932, Lexington, Virginia 24450. Separate

financial statements for the VMI Research Laboratories, Inc., may be obtained by writing the Treasurer, VMI Research Laboratories, Inc., Virginia Military Institute, Lexington, Virginia 24450.

B. Reporting Basis

The financial statements have been prepared in accordance with GASB standards, including GASB Statement 34, *Basic Financial Statements and Management's Discussion and Analysis for State and Local Governments*, and GASB Statement 35, *Basic Financial Statements and Management's Discussion and Analysis for Public Colleges and Universities*.

The VMI Alumni Agencies and the VMI Research Laboratories, Inc. are private, nonprofit organizations that report under FASB standards including FASB Statement 117, *Financial Reporting for Not-for-Profit Organizations*. As such, certain revenue recognition criteria and presentation features are different from GASB revenue recognition criteria and presentation features. No modifications have been made to the VMI Alumni Agencies' or the VMI Research Laboratories' financial information included in the Institute's financial report for these differences.

C. Basis of Accounting

For financial statement purposes, the Institute is considered a special-purpose government engaged only in business-type activities. Accordingly, the Institute's financial statements have been presented using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis, revenues are recognized when earned, and expenses are recorded when an obligation has been incurred. All significant intra-agency transactions have been eliminated.

D. Cash, Cash Equivalents and Investments

In accordance with GASB Statement 9, *Definition of Cash and Cash Equivalents*, cash represents cash with the Treasurer, cash on hand, and cash deposits, including certificate of deposits, and temporary investments with original maturities of three months or less.

In accordance with GASB Statement 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*, purchased investments, interest-bearing temporary investments classified with cash, and investments received as gifts are recorded at fair value. All investment income, including changes in the fair value of investments (unrealized gains and losses), is reported as nonoperating revenue in the Statement of Revenues, Expenses, and Changes in Net Position.

In accordance with GASB Statement 72, *Fair Value Measurement and Application*, fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value of covered assets or liabilities is measured by either the market, cost or income approaches and is disclosed in accordance with the prescribed fair value hierarchy. The fair value hierarchy is categorized based upon the observability of inputs to valuation techniques used in measurement.

E. Capital Assets

Capital assets include land, buildings and other improvements, library materials, equipment, infrastructure assets, such as sidewalks, steam tunnels, and electrical and computer network cabling systems, and intangible assets. The Institute capitalizes construction costs that have a value or cost in excess of \$100,000 at the date of acquisition. Renovations in excess of \$100,000 are capitalized if they significantly extend the useful life of the existing asset. Expenses for major capital assets and improvements are capitalized within construction in progress until the project is substantially complete. Interest expense relating to construction is capitalized, net of interest income earned on resources set aside for this purpose. The costs of normal maintenance and repairs that do not add to an asset's value or materially extend its useful life are expensed as incurred.

The Institute capitalizes moveable equipment that has a value or initial cost of \$5,000 or more and an estimated useful life in excess of one year. Buildings and equipment are stated at cost, where determinable, or appraised value upon initial recognition. Land is stated at cost. Library materials are initially valued using published average prices for library acquisitions. Intangible assets are capitalized with an acquisition cost of \$100,000 and a useful life of one or more years.

Depreciation is computed using the straight-line method over the estimated useful life of the asset. Average useful lives by asset categories are listed below:

Buildings	50 years
Other improvements	10-30 years
Equipment	5-25 years
Library materials	10 years
Intangible assets	5 years to indefinite

The Institute does not capitalize works of art, historical treasures and similar assets. Such items are held for public exhibition, education or research in the furtherance of public service rather than financial gain. Institute collections may be sold but the proceeds must be used for the acquisition of similar type Institute collections. Exceptions to this requirement must be pre-approved by the VMI Director for Finance, Administration and Support.

F. Inventories

The Institute maintains inventory in its military store, museums, post hospital and physical plant. The military store inventory is valued at cost using the first-in first-out method. Inventory for the museum, post hospital and physical plant are valued at cost determined by using the weighted average method.

G. Prepaid Expenses

The Institute has recorded certain expenses for future fiscal years that were paid in advance as of June 30, 2017. Payments of expenses that extend beyond fiscal year 2017 are classified as a noncurrent asset. Prepaid expenses included items such as insurance premiums, membership dues, publication subscriptions, and information technology maintenance contracts.

H. Receivables

Receivables consist of tuition and fee charges to cadets, and amounts due for auxiliary enterprise services provided to cadets, faculty and staff. Receivables also include amounts due from federal, state and local governments and nongovernmental sources, in connection with reimbursement of allowable expenses made pursuant to the Institute's grants and contracts. Amounts due from the Federal Perkins Loan Program are also included. Receivables are recorded net allowance for doubtful accounts.

I. Deferred Outflows of Resources

Deferred outflows of resources are defined as the consumption of net assets applicable to a future reporting period. The deferred outflows of resources have a positive effect on net position similar to assets.

J. Unearned Revenue

Unearned revenue represents revenues collected but not earned as of 30 June 2017. This is primarily composed of revenue for Cadet tuition and fees received in advance of the semester or term.

K. Interest Capitalization

Interest expense incurred during the construction of capital assets is capitalized, if material, net of interest income earned on resources set aside for this purpose. The Institute incurred interest expense totaling \$868,679 for the fiscal year ended 30 June 2017, of which \$192,975 was capitalized as construction period interest.

L. Accrued Compensated Absences

The amount of leave earned, but not taken by classified salaried employees is recorded as a liability on the Statement of Net Position. The amount reflects, as of 30 June 2017, all unused vacation leave, overtime leave, compensatory leave, and the amount payable upon termination under the Commonwealth's sick leave payout policy. The applicable share of employer related taxes payable on the eventual termination payments is also included.

M. Federal Financial Assistance Programs

The Institute participates in federally funded Pell Grants, Supplemental Educational Opportunity Grants, Federal Work-Study and Perkins Loans programs. Federal programs are audited in accordance with Title 2, Part 200 of the U.S. Code of Federal Regulations, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*.

N. Deferred Inflows of Resources

Deferred inflows of resources are defined as the acquisition of net assets applicable to a future reporting period. The deferred inflows of resources have a negative effect on net position similar to liabilities.

O. Net Position

The Institute's net position is classified as follows:

Net investment in capital assets: This represents the Institute's total investment in capital assets, net of accumulated depreciation and outstanding debt obligations related to those capital assets. To the extent debt has been incurred but not yet expended for capital assets, such amounts are not included as a component of invested in capital assets, net of related debt.

Restricted net position – **nonexpendable**: Nonexpendable restricted net position consists of endowment funds in which donors or other outside sources have stipulated, as a condition of the gift instrument, that the principal is to be maintained inviolate and in perpetuity, and invested for the purpose of producing present and future income, which may either be expended or added to the principal.

Restricted net position – expendable: Restricted expendable net position includes resources for which the Institute is legally or contractually obligated to spend in accordance with restrictions imposed by external third parties.

Unrestricted net position: Unrestricted net position represents resources derived from Cadet tuition and fees, Commonwealth appropriations, and sales and services of educational departments and auxiliary enterprises. These resources are used for transactions relating to the educational and general operations of the Institute, and may be used at the discretion of the Board of Visitors for any lawful purpose in support of the Institute's primary mission. These resources also include auxiliary enterprises, which are substantially self-supporting activities that provide services for Cadets, faculty and staff. Also included in unrestricted net position are funds that have been set aside by the Board of Visitors as quasi-endowments. These funds are treated similar to true endowment funds, however, unlike true endowments, they may be expended.

The Institute's practice regarding flow assumption has been to allow Department Heads to determine which assets (restricted or unrestricted) will be used when both restricted and unrestricted assets are available for the same purpose. Historically, unrestricted assets have been spent prior to the expenditure of restricted assets.

P. Classification of Revenues

The Institute has classified its revenues as either operating or nonoperating revenues according to the following criteria:

Operating revenues: Operating revenues include activities that have the characteristics of exchange transactions, such as (1) Cadet tuition and fees, net of scholarship discounts and allowances, (2) sales and services of auxiliary enterprises, net of scholarship discounts and allowances, (3) most federal, state and local grants and contracts, and (4) interest on Cadet loans.

Nonoperating revenues: Nonoperating revenues are revenues received for which goods and services are not provided. State appropriations, gifts and other revenue sources that are defined as nonoperating by GASB Statement 9, *Reporting Cash Flows of Proprietary and Nonexpendable Trust Funds and Governmental Entities That Use Proprietary Fund Accounting* and GASB

Statement 34, Basic Financial Statements and Management's Discussion and Analysis for State and Local Governments are included in this category.

Scholarship Discounts and Allowances: Cadet tuition and fee revenues are reported net of scholarship discounts and allowances in the statement of revenues, expenses, and changes in net position. Scholarship discounts and allowances are the difference between the stated charge for goods and services provided by the Institute and the amount that is paid by students and/or third parties making payments on the students' behalf. Certain governmental grants, such as Pell grants, and other federal, state or nongovernmental programs, are recorded as either operating or nonoperating revenues in the Institute's financial statements. To the extent that revenues from such programs are used to satisfy tuition and fees, the Institute has recorded a scholarship discount and allowance.

Q. Pensions

The Virginia Retirement System (VRS) State Employee Retirement Plan and the Virginia Law Officers' System (VaLORS) Retirement Plan are single employer pension plans that are treated like cost-sharing plans. For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the VRS State Employee Retirement Plan and the Virginia Law Officers' System (VaLORS) Retirement Plan; and the additions to/deductions from the VRS State Employee Retirement Plan's net fiduciary position have been determined on the same basis as they were reported by 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.

R. Recently Adopted Accounting Pronouncements

In fiscal year 2017, the following GASB statements of standards became effective: Statement 74, *Financial Reporting for Postemployment Benefit Plans Other than Pension Plans*, Statement 77, *Tax Abatement Disclosures*, Statement 78, *Pensions Provided Through Certain Multiple-Employer Defined Benefit Pension Plans*, and Statement 80, *Blending Requirements for Certain Component Units-an amendment of GASB Statement 14*. Portions of GASB Statement 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 58, and amendments to Certain Provisions of GASB Statements 67 and 68*, and Statement 79, *Certain External Investment Pools and Pool Participants* were effective starting in fiscal year 2016.

Statement 73 establishes standards of accounting and financial reporting for defined benefit pensions and defined contribution pensions that are provided to the employees of state and local governmental employers and are not within the scope of GASB Statement 68. Statement 79 establishes accounting and financial reporting standards for qualifying external investment pools that elect to measure for financial reporting purposes all of their investments at amortized cost and establishes accounting and financial reporting standards for the state and local governments that participate in them. Statement 74 establishes new accounting and financial reporting requirements for governments whose employees are provided with other post-employment benefits (OPEB), as well as for certain nonemployer governments that have a legal obligation to provide financial support for OPEB to the employees of other entities. Statement 77 requires disclosure of tax abatement information about a reporting governments own tax abatement

agreements and those that are entered into by other governments and that reduce the reporting government's tax revenues. Statement 78 amends the scope of applicability of Statement 68, *Accounting and Financial Reporting for Pensions* to exclude pensions provided to state or local governmental employers through a cost-sharing multiple-employer defined benefit pension plan that is not a state or local governmental pension plan, is used to provide defined benefit pensions both to employees of state or local governmental employers, and to employees of employers that are not state or local governmental employers, and has no predominant state or local governmental employer. Statement 80 clarifies the financial statement presentation requirements for certain component units. The GASB Statements listed above did not have an effect on the Institute's financial statements for the current fiscal year.

NOTE 2: CASH AND CASH EQUIVALENTS AND INVESTMENTS

The following information is provided with respect to the Institute's cash, cash equivalents, and investments as of 30 June 2017. The ensuing risk disclosures are required by GASB Statement 40, *Deposit and Investment Risk Disclosures*.

Custodial Credit Risk (Category 3 deposits and investments) – The custodial risk for deposits is the risk that, in the event of a failure of a depository financial institution, a government will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, a government will not be able to recover the value of investment or collateral securities that are in possession of an outside party. The Institute had no category 3 deposits or investments for fiscal year 2017.

Credit Risk – The risk that an issuer or other counterparty to an investment will not fulfill its obligations. GASB Statement 40 requires the disclosure of the credit quality ratings of all investments subject to credit risk.

Concentration of Credit Risk – The risk of loss attributed to the magnitude of a government's investment in a single issuer. Disclosure of investments with any one issuer that represents five percent or more of total investments is required. However, investments issued or explicitly guaranteed by the U.S. Government and investments in mutual funds, external investment pools and other pooled investments are excluded from the requirement. The Institute does not have investments subject to risks due to concentration of credit.

Interest Rate Risk – The risk that interest rate changes will adversely affect the fair value of an investment. GASB Statement 40 requires disclosure of maturities for any investments subject to interest rate risk. The Institute does not have an interest rate risk policy.

Foreign Currency Risk – The risk that investments denominated in foreign currencies may lose value due to adverse fluctuations in the value of the U.S. dollar relative to foreign currencies. The Institute has investments, which may be subject to foreign currency risk.

Cash and Cash Equivalents

Pursuant to Section 2.2-1800, et seq., *Code of Virginia*, all state funds of the Institute are maintained by the Treasurer of Virginia, who is responsible for the collection, disbursement, custody, and investment of state funds. Cash deposits held by VMI are maintained in accounts that are collateralized in accordance with the Virginia Security for Public Deposits Act, Section 2.2-4400, et seq., *Code of Virginia*.

	 Current	Ν	oncurrent	Total
Cash with Treasurer of Virginia	\$ 19,739,758	\$	1,735,926	\$ 21,475,684
State Non-Arbitrage Program (SNAP)	-		4,189,301	4,189,301
BB&T public fund checking	4,735,220		332,828	5,068,048
Petty cash	7,050		-	7,050
Wells Fargo time deposit	 28,000		-	28,000
Total cash and cash equivalents	\$ 24,510,028	\$	6,258,055	\$ 30,768,083

Cash and cash equivalents consist of the following balances as of 30 June 2017:

Investments

Investments include endowment and similar funds pooled and invested with VMI affiliates and retirement fund investments for selected employees. Investments consist of the following balances as of 30 June 2017:

	Cu	rrent	Noncurrent		Total
Investments with trustees:					
Investments pooled with VMI affiliates	\$	-	\$	11,722,729	\$ 11,722,729
Mutual fund investments (retirement accounts)		-		2,623,684	2,623,684
Total investments	\$	-	\$	14,346,413	\$ 14,346,413

Fair Value Measurements

Accounting standards establish general principles for measuring fair value, standards of accounting and financial reporting for assets and liabilities measured at fair value and a fair value hierarchy that categorizes the inputs to valuation techniques used to measure fair value into three levels. The fair value hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that a government can access at the measurement date. Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for an asset or liability, either directly or indirectly. Level 3 inputs are unobservable inputs for an asset or liability.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques utilized need to maximize the use of observable inputs and minimize the use of unobservable inputs. All assets reported at fair value have been valued using the market approach (i.e. using prices and other relevant information generated by market transactions involving identical or similar assets, liabilities, or groups of assets and liabilities). As of fiscal year end, VMI did not hold any assets categorized as Level 2 or 3.

Mutual fund investments (retirement accounts) are valued utilizing the closing price reported on the active market on which the individual funds are traded to derive the net asset value of shares held at year end.

The following table sets forth by level, within the fair value hierarchy, the Institute's assets at fair value at 30 June 2017. Certain investments that are measured at fair value using the net asset value per share (or its equivalent) have not been categorized in the fair value hierarchy. The amounts presented are intended to permit reconciliation of the fair value hierarchy to the Statement of Net Positon.

	 Balance at 30 June 2017	Credit Rating	Investment Maturity	active ider	ted prices in e markets for ntical assets Level 1)	Fair value established using Net Asset Value (NAV)	Amounts not asured at fair value
Cash with Treasurer of Virginia	\$ 21,475,684			\$	-	\$ -	\$ 21,475,684
State Non-Arbitrage Program (SNAP)	4,189,301	AAAm	< 1 year		-	-	4,189,301
BB&T public fund checking	5,068,048				-	-	5,068,048
Petty Cash	7,050				-	-	7,050
Wells Fargo time deposit	28,000				-	-	28,000
Investments held with trustees:							
Mutual fund investments (retirement accounts)	2,623,684				2,623,684	-	-
Investments pooled with VMI affiliates*	11,722,729				-	11,722,729	-
Total cash, cash equivalents and investments	\$ 45,114,496			\$	2,623,684	\$ 11,722,729	\$ 30,768,083

INVESTMENTS MEASURED AT NET ASSET VALUE (NAV)

		1 0	Redemption
	Fair Value at 30 June 2017	(If Currently Eligible)	Notice Period
Investments pooled with VMI affiliates	11,722,729	(a)	(a)
	\$ 11,722,729		

(a) See * and Note 15 for additional discussion regarding VMI Investment Holdings, LLC operations.

*VMI's endowment, loan and similar funds are pooled for investment purposes with the endowment funds of its affiliate, the VMI Alumni Agencies (the VMI Foundation, Inc., the VMI Development Board, Inc., and the VMI Keydet Club) and the George C. Marshall Foundation. VMI owns units in the pooled fund (the "Fund") that operates similar to a mutual fund. VMI Investment Holdings, LLC (LLC) manages and operates the unitized investment pool with BNY Mellon, N.A. serving as custodian. The VMI Foundation, Inc. is the sole member of the LLC and acts as an intermediary between the LLC, VMI and the other agencies. Deposits to and withdrawals from the pool by VMI and the other agencies are made through the LLC. There are currently no official restrictions regarding redemption frequency or required notification. A separate board of directors manages the LLC. The board has approved an investment policy that outlines the standards and disciplines adopted, and the investment objectives, principles, and guidelines for managing the Fund. Authorized investments are set forth in the Uniform Prudent Management of Institutional Funds Act, Section 55-268 et seq. of the *Code of Virginia* and may include any real or personal property, whether or not it produces a current return, including

mortgages, stocks and bonds, debentures, and other securities of profit or nonprofit corporations, shares in or obligations of associations, partnerships, or individuals, and obligations of any government or subdivision.

The market value of the Fund as of 30 June 2017 was \$435.2 million, of which, VMI owned \$11.7 million or 2.7 percent of the Fund assets. The Fund annually approves an asset allocation which directs how assets are invested amongst major categories of investments. The Fund held \$55.7 million in debt securities with an average maturity of 12.8 years. The average quality rating was BBB (Moody's). The Fund held \$103 million in US equity investments. The Fund held \$46 million in developed markets international funds with equities denominated primarily in the Euro, the Pound, and the Yen, and \$46.3 million in emerging markets international funds with equities denominated in a variety of currencies. The Fund held \$71.5 million in absolute return fund investments, which may also hold fixed income and equity securities. The Fund held \$71 million in private investments and \$16.4 million in master limited partnerships. The remaining investments are held in cash and other diversifying instruments. The custodians for the Fund are independently audited annually.

Funds Held In Trust By Others

Individual assets of funds held by trustees for the benefit of the Institute are not reflected in the accompanying Statement of Net Position. The Institute has irrevocable rights to all or a portion of the income of these funds. However, individual assets of the funds are not under the management discretion of the Institute according to the trust agreements. Income from funds held by trustees for the benefit of the Institute totaled \$72,984 for fiscal year 2017 and is included in the endowment income.

NOTE 3: ACCOUNTS RECEIVABLE

Accounts receivable consisted of the following at 30 June 2017:

 Current	No	oncurrent		Total
\$ 675,568	\$	-	\$	675,568
90,219		-		90,219
197,938		-		197,938
3,149		-		3,149
72,000		-		72,000
45,078		-		45,078
109,531		14,698		124,229
 15,246		-		15,246
\$ 1,208,729	\$	14,698	\$	1,223,427
 (48,283)		-		(48,283)
\$ 1,160,446	\$	14,698	\$	1,175,144
	\$ 675,568 90,219 197,938 3,149 72,000 45,078 109,531 15,246 \$ 1,208,729 (48,283)	\$ 675,568 \$ 90,219 197,938 3,149 72,000 45,078 109,531 15,246 \$ 1,208,729 \$ (48,283)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

NOTE 4: COMMONWEALTH REIMBURSEMENT PROGRAMS

The Commonwealth has established several programs to provide state-supported institutions of higher education with bond proceeds for financing the acquisition and replacement of instructional and research equipment and facilities. During the 2017 fiscal year, funding has been provided to the Institute from two programs (21st Century Program and the Equipment Trust

Fund) managed by the Virginia College Building Authority (VCBA). The VCBA issues bonds and uses the proceeds to reimburse the Institute for expenses incurred in the acquisition of equipment and facilities.

The line item, "Due from the Commonwealth" on the Statement of Net Position for the year ended 30 June 2017 represents pending reimbursements from the following programs:

VCBA Equipment Trust Fund program	\$ 745,890
VCBA 21st Century program	 639,044
Total Due from Commonwealth	\$ 1,384,934

NOTE 5: INVENTORIES

Inventories consisted of the following balances at 30 June 2017:

Military Store	\$ 5,836,777
Physical Plant	371,798
Museums	216,271
VMI Hospital	 19,960
Total	\$ 6,444,806

NOTE 6: CAPITAL ASSETS

A summary of changes in the various capital asset categories is presented as follows:

	Beginning Balance 1 July 2016		Additions	Reductions		Ending Balance) June 2017
Nondepreciable capital assets:					-	
Land	\$	3,445,091	\$ -	\$ -	\$	3,445,091
Construction in progress		97,539,392	17,487,268	(106,874,195)		8,152,465
Total nondepreciable capital assets		100,984,483	17,487,268	(106,874,195)		11,597,556
Depreciable capital assets:						
Buildings		298,582,935	106,874,195	(3,028,678)		402,428,452
Improvements other than buildings		30,545,269	-	-		30,545,269
Equipment		18,104,624	1,234,693	(449,261)		18,890,056
Library books		11,668,243	284,462	(171,716)		11,780,989
Total depreciable capital assets		358,901,071	108,393,350	(3,649,655)		463,644,766
Less accumulated depreciation for:						
Buildings		94,496,423	8,254,527	(2,174,696)		100,576,254
Improvements other than buildings		10,511,333	1,455,893	-		11,967,226
Equipment		13,959,635	1,286,902	(449,261)		14,797,276
Library books		10,145,845	267,628	(171,716)		10,241,757
Total accumulated depreciation		129,113,236	11,264,950	(2,795,673)		137,582,513
Depreciable capital assets, net		229,787,835	97,128,400	(853,982)		326,062,253
Total capital assets, net	\$	330,772,318	\$ 114,615,668	\$ (107,728,177)	\$	337,659,809

NOTE 7: ACCOUNTS PAYABLE AND ACCRUED EXPENSES

	Current		Noncurrent	Total		
Employee salaries, wages and benefits payable	\$	3,970,415	\$ -	\$	3,970,415	
Vendors and supplies accounts payable		5,556,087	-		5,556,087	
Accrued interest payable		247,914	-		247,914	
Retainage payable		70,561	-		70,561	
Contractual liability		60,000	121,666		181,666	
Retirement annuities*		-	2,623,684		2,623,684	
Total accounts payable and accrued expenses	\$	9,904,977	\$ 2,745,350	\$	12,650,327	

Accounts payable and accrued expenses consisted of the following at 30 June 2017:

*See Note 12 for additional discussion about Retirement Annuities

NOTE 8: LONG-TERM LIABILITIES SUMMARY

The Institute's long-term liabilities primarily consist of long-term debt (further described in Note 9) and accrued compensated absences. A summary of changes in long-term liabilities for the year ending 30 June 2017 is presented as follows:

	Beginning Balance 1 July 2016	Additions	1	Reductions	Ending Balance 30 June 2017	Current Portion 30 June 2017		
Long-term debt:								
Bonds payable	\$ 7,188,633	\$ -	\$	(685,926)	\$ 6,502,707	\$	810,000	
Notes payable	17,241,081	-		(745,685)	16,495,396		610,000	
						_		
Total long-term debt	\$ 24,429,714	\$ -	\$	(1,431,611)	\$ 22,998,103	\$	1,420,000	
Accrued compensated absences	1,383,706	849,343		(871,406)	1,361,643		644,474	
Total long-term liabilities	\$ 25,813,420	\$ 849,343	\$	(2,303,017)	\$ 24,359,746	\$	2,064,474	

NOTE 9: LONG-TERM INDEBTEDNESS DETAIL

Bonds payable:

The Institute has issued bonds pursuant to Section 9(c) of Article X of the Constitution of Virginia. Section 9(c) bonds are general obligation bonds issued by the Commonwealth on behalf of the Institute for the renovation and expansion of Crozet Hall, the Institute dining facility, and parking. The revenue bonds are secured by the net revenues of the facility, which is comprised primarily of Cadet fees.

VIRGINIA MILITARY INSTITUTE NOTES TO THE FINANCIAL STATEMENTS AS OF 30 JUNE 2017

Bonds Payable:	Interest Rates (%)	Maturity Fiscal Year	Balance 30 June 2017		
Crozet Hall: Series 2009D, issued \$4.241,860 - refunding Series 2004A	5.00	2022	\$ 3,669,540		
Series 2005D, issued \$3,018,620 - refunding Series 2004A Series 2012A, issued \$3,018,620 - refunding Series 2004A	2.00 - 5.00	2022	\$ 3,009,340 2,833,167		
			\$ 6,502,707		

Notes payable:

Notes Payable:	Interest Rates (%)	Maturity Fiscal Year	Balance 30 June 2017		
Cocke Hall Annex:					
	4.00 - 4.50	2020	\$ 394.685		
Series 2007B, issued \$735,000 - refunding Series 2002A			+		
Series 2010B, issued \$555,000 - refunding Series 2002A	5.00	2023	494,517		
Jackson Memorial Hall Renovation:					
Series 2007B, issued \$850,000 - refunding Series 2002A	4.00 - 4.50	2020	456,489		
Series 2010B, issued \$650,000 - refunding Series 2002A	5.00	2023	576,195		
South Institute Hill Parking:					
Series 2010A1/2, issued \$2,850,000	3.75 - 5.50	2031	2,376,296		
Improve Post Facilities I:					
Series 2013A, issued \$4,085,000	2.00 - 5.00	2034	3,939,204		
Improve Post Facilities II:			- , , -		
Series 2014A, issued \$3,565,000	5.00	2035	4,056,482		
Improve Post Facilities III:	2.00	2000	1,050,102		
Series 2015A, issued \$3,915,000	3.00 - 5.00	2036	4,201,528		
SUICS 2015A, ISSUCU \$5,715,000	5.00 - 5.00	2030	· · · · · · · · · · · · · · · · · · ·		
			\$ 16,495,396		

Notes payable consists of debt obligations between the Virginia College Building Authority (VCBA) and the Institute. The VCBA issued bonds through the Pooled Bond Program and used the proceeds to purchase debt obligations (notes) of the Institute. The Cocke Hall Annex, South Institute Hill Parking and Post Infrastructure Improvement notes will be paid from auxiliary reserve funds, which consist predominantly of Cadet fees. The JM Hall Renovation note is secured by funds paid by the VMI Foundation, Inc. on a year-to-year basis as a gift to the Institute. Should the gift be discontinued, repayment will be made from the general revenues of the Institute.

Year	Bonds Payable	Notes Payable	Total
2018	\$ 610,000	\$ 810,000	\$ 1,420,000
2019	640,000	855,000	1,495,000
2020	670,000	890,000	1,560,000
2021	705,000	930,000	1,635,000
2022	740,000	975,000	1,715,000
2023-2027	2,488,614	4,025,000	6,513,614
2028-2032	-	4,315,000	4,315,000
2033-2036	-	2,465,000	2,465,000
Total principal payments	5,853,614	15,265,000	21,118,614
Unamortized premium	649,093	1,230,396	1,879,489
Total long-term debt, net	\$ 6,502,707	\$ 16,495,396	\$ 22,998,103

Maturities on notes and bonds payable for years subsequent 30 June 2017 are as follows:

A summary of future interest commitments for fiscal years subsequent to 30 June 2017 is presented as follows:

Year	Bonds Payable	Notes Payable	Total
2018 2019 2020 2021 2022 2023-2027 2028-2032 2023-2026	\$ 277,907 247,407 215,407 181,906 146,656 174,647	\$ 655,029 616,816 580,566 542,516 498,004 1,875,510 952,488	\$ 932,936 864,223 795,973 724,422 644,660 2,050,157 952,488
2033-2036 Total future interest requirements	\$ 1,243,930	160,216 \$ 5,881,145	160,216 \$ 7,125,075

Long-term Debt Defeasance

In prior years, in accordance with GASB Statement 7, *Advance Refundings Resulting in the Defeasance of Debt*, the Institute excluded from its financial statements the assets in escrow and the Section 9(c) or 9(d) bonds payable that were defeased "in-substance." As of June 30, 2017 no defeased debt is considered outstanding.

Operating Leases

VMI is committed under various operating leases for equipment. Operating leases do not give rise to property rights and are not reflected as obligations in the Institute's Statement of Net Position. In general, the leases have a three-year term and the Institute has renewal options. In most cases, the Institute expects that these leases will be replaced by similar leases in the normal course of business. Rental expense was approximately \$1,317 for the year ended 30 June 2017. Minimum lease payments for subsequent fiscal years are as follows:

Year Ending 30 June	Amount	_
2018 2019	1,317	
Total	\$ 1,317	-

Capital Improvement Commitments

As of 30 June 2017, the Institute had outstanding construction contract commitments of \$779,778. This amount represents the value of obligations remaining on capital improvement project contracts. These obligations are for future efforts and, as such, have not been accrued as expenses or liabilities on the Institute's financial statements.

NOTE 10: EXPENSES BY NATURAL CLASSIFICATION

The Institute's operating expenses by natural classification were as follows for the year ended 30 June 2017:

Program	Co	mpensation and benefits	I	Supplies, Equipment, Utilities and ther Services	Student Aid	Ot	ther Expenses	1	Depreciation	Total
Instruction	\$	18,242,072	\$	1,178,261	\$ -	\$	42,468	\$	3,316,848	\$ 22,779,649
Research		78,313		41,007	-		69,151		-	188,471
Public service		638,868		408,071	-		20,408		348,678	1,416,025
Academic support		4,543,401		2,149,655	-		49,223		1,111,413	7,853,692
Student services		2,686,323		1,127,474	-		49,682		250,438	4,113,917
Institutional support		4,319,251		1,558,781	-		424,438		151,170	6,453,640
Operation of plant		3,643,624		3,742,940	-		478,115		578,318	8,442,997
Student aid		7,971		82,398	800,531		-		-	890,900
Auxiliary enterprises		6,324,475		11,173,748	60,000		5,046,962		3,505,338	26,110,523
Unique military activities		5,689,179		2,224,182	-		994,916		2,002,747	10,911,024
TOTAL	\$	46,173,477	\$	23,686,517	\$ 860,531	\$	7,175,363	\$	11,264,950	\$ 89,160,838

NOTE 11: STATE APPROPRIATIONS

The Institute receives State appropriations from the General Fund of the Commonwealth of Virginia. The Appropriation Act specifies that such unexpended appropriations shall revert, as specifically provided by the General Assembly, at the end of the biennium. For years ending at the middle of the biennium, unexpended appropriations that have not been approved for reappropriation in the next year by the Governor become part of the General Fund of the Commonwealth and are, therefore, no longer available to VMI for disbursement. Fiscal year 2016 ended the previous biennium.

During the fiscal year ended 30 June 2017, the Institute received the following supplemental appropriations and reversions in accordance with the Appropriation Act:

Original legislative appropriation:	
Educational and general (E&G) programs	\$ 9,824,232
Unique military activity (UMA)	4,210,058
Student financial assistance	1,016,240
Adjustments:	
Compensation adjustments	140,399
ETF lease payment – NGF portion	(88,844)
Student financial assistance	9,000
Debt service fee - Non-Virginia Cadets	(377,190)
Appropriation transfers:	
SCHEV programs	6,797
Adjusted appropriation	\$ 14,740,692

NOTE 12: RETIREMENT AND PENSION SYSTEMS

General Information about the Pension Plan

Plan Description

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

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

Retirement Plan Provisions by Plan Structure				
Plan 1	Plan 2	Hybrid Retirement Plan		
About Plan 1	About Plan 2	About the Hybrid		
Plan 1 is a defined benefit	Plan 2 is a defined benefit	Retirement Plan		
plan. The retirement benefit is	plan. The retirement benefit is	The Hybrid Retirement Plan		
based on a member's age,	based on a member's age,	combines the features of a		
creditable service and average	creditable service and average	defined benefit plan and a		
final compensation at	final compensation at	defined contribution plan.		
retirement using a formula.	retirement using a formula.	Most members hired on or		
Employees are eligible for	Employees are eligible for	after January 1, 2014 are in		
Plan 1 if their membership	Plan 2 if their membership	this plan, as well as Plan 1 and		
date is before July 1, 2010,	date is on or after July 1, 2010,	Plan 2 members who were		
and they were vested as of	or their membership date is	eligible and opted into the plan		
January 1, 2013.	before July 1, 2010, and they	during a special election		
	were not vested as of January	window (see "Eligible		
	1, 2013.	Members").		
		• The defined benefit is		
		based on a member's		
		age, creditable service		
		and average final		
		compensation at		
		retirement using a		
		formula.		
		• 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.		
		• In addition to the		
		monthly benefit		
		payment payable from		
		the defined benefit		
		plan at retirement, a		
		member may start		
		receiving distributions		
		from the balance in		
		the defined		
		contribution account,		
		reflecting the		
		contributions,		
		investment gains or		
		losses, and any		
		required fees.		
		-		
Eligible Members	Eligible Members	Eligible Members		

 Employees are in Plan 1 if their membership date is before July 1, 2010 and they were vested as of January 1, 2013. Hybrid Opt-In Election VRS non-hazardous duty covered Plan 1 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014. The Hybrid Retirement Plan's effective date for eligible Plan 1 members who opted in was July 1, 2014. If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan. Members who were eligible for an optional retirement plan (ORP) and had prior service under Plan 1 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 1 or ORP. 	Employees are in Plan 2 if their membership date is on or after July 1, 2010, or their membership date is before July 1, 2010, and they were not vested as of January 1, 2013. Hybrid Opt-In Election Eligible plan 2 members were allowed to make in irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014. The Hybrid Retirement Plan's effective date for eligible Plan 2 members who opted in was July 1, 2014. If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan. Members who were eligible for an optional retirement plan (ORP) and have prior service under Plan 2 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 2 or ORP.	 Employees are in the Hybrid Retirement Plan if their membership date is on or after January 1, 2014. This includes: State employees* Members in Plan 1 or Plan 2 who elected to opt into the plan during the election window held January 1 – April 30, 2014; the plan's effective date for opt-in members was July 1, 2014. *Non Eligible Members Some employees are not eligible to participate in the Hybrid Retirement Plan. They include: Members of the Virginia Law Officers' Retirement System (VaLORS) Those employees eligible for an optional retirement plan (ORP) must elect the ORP plan or the Hybrid Retirement Plan. If these members have prior service under Plan 1 or Plan 2, they are not eligible to elect the Hybrid Retirement Plan and must select Plan 1 or Plan 2 (as applicable) or ORP.
Retirement Contributions State employees, excluding state elected officials, and optional retirement plan participants, contribute 5% of their compensation each month to their member contribution account through a pre-tax salary reduction. Member contributions are tax- deferred until they are withdrawn as part of a retirement benefit or as a	Retirement Contributions State employees contribute 5% of their compensation each month to their member contribution account through a pre-tax salary reduction.	Retirement Contributions A member's retirement benefit is funded through mandatory and voluntary contributions made by the member and the employer to both the defined benefit and the defined contribution components of the plan. Mandatory contributions are based on a percentage of the employee's creditable compensation and are required from both the

refund. The employer makes a separate actuarially determined contribution to VRS for all covered employees. VRS invests both member and employer contributions to provide funding for the future benefit payment.		member and the employer. Additionally, members may choose to make voluntary contributions to the defined contribution component of the plan, and the employer is required to match those voluntary contributions according to specified percentages.
Creditable Service Creditable service includes active service. Members earn creditable service for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional creditable service the member was granted. A member's total creditable service is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.	Creditable Service Same as Plan 1.	Creditable Service <u>Defined Benefit Component</u> : Under the defined benefit component of the plan, creditable service includes active service. Members earn creditable service for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional creditable service the member was granted. A member's total creditable service is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.
		Defined Contributions Component: Under the defined contribution component, creditable service is used to determine vesting for the employer contribution portion of the plan.
Vesting Vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members become	Vesting Same as Plan 1.	Vesting Defined Benefit Component: Defined benefit vesting is the minimum length of service a member needs to qualify for a

	1	
vested when they have at least five years (60 months) of creditable service. Vesting means members are eligible to qualify for retirement if they meet the age and service requirements for their plan. Members also must be vested to receive a full refund of their member contribution balance if they leave employment and request a refund.		future retirement benefit. Members are vested under the defined benefit component of the Hybrid Retirement Plan when they reach five years (60 months) of creditable service. Plan 1 or Plan 2 members with at least five years (60 months) of creditable service who opted into the Hybrid Retirement Plan remain vested in the defined benefit
Members are always 100% vested in the contributions that they make.		component. Defined Contributions <u>Component:</u> 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

Calculating the Benefit The Basic Benefit is calculated based on a formula using the member's average	Calculating the Benefit See definition under Plan 1.	employer contributions. Distribution is not required by law until age 70½. Calculating the Benefit <u>Defined Benefit Component</u> : See definition under Plan 1
final compensation, a retirement multiplier and total service credit at retirement. It is one of the benefit payout options available to a member at retirement. An early retirement reduction factor is applied to the Basic Benefit if the member retires with a reduced retirement benefit or selects a benefit payout option other than the Basic Benefit		Defined Contribution Component: The benefit is based on contributions made by the member and any matching contributions made by the employer, plus net investment earnings on those contributions.
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 VRS: 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 1.70% VaLORS: The retirement multiplier for VaLORS employees is 1.70% or 2.00%	Service Retirement Multiplier VRS: Same as Plan 1 for service earned, purchased or granted prior to January 1, 2013. For non-hazardous duty members the retirement multiplier is 1.65% for creditable service earned, purchased or granted on or after January 1, 2013. VaLORS: The retirement multiplier for VaLORS employees is 2.00%.	Service Retirement Multiplier Defined Benefit Component: VRS: The retirement multiplier for the defined benefit component is 1.00%. For members who opted into the Hybrid Retirement Plan from Plan 1 or Plan 2, the applicable multipliers for those plans will be used to calculate the retirement benefit for service credited in those plans.

VRS: Age 65VRS: Normal Social Security retirement age.Defined Benefit Con VRS: Same as Plan 1VaLORS: Age 60VaLORS: Same as Plan 1VaLORS: Not applieVaLORS: Age 60VaLORS: Same as Plan 1Defined Contributio Component: Members are eligible receive distributions u leaving employment, to restrictions.Earliest Unreduced Retirement Eligibility VRS: Age 60 with at least five years (60 months) of creditable service.Earliest Unreduced Retirement age with at least (60 months) of creditable service.Earliest Contribution Component: Members are eligible vess (60 months) of creditable service.Earliest Contributions u leaving employment, to restrictions.VaLORS: Age 60 with at least five years of creditable service.VaLORS: Same as Plan 1.Earliest evence or vess (60 months) of creditable service.VaLORS: Same as Plan 1.Earliest Reduced Retirement Eligibility VRS: Age 55 with at least five years (60 months) of creditable service or age 50 with at least 10 year ofEarliest Reduced Retirement Eligibility VRS: Age 60 with at least five years (60 months) of creditable service or age 50Earliest Reduced Retirement Eligibility VRS: Age 60 with at least five years (60 months) of creditable service or age 50Earliest Reduced Retirement Eligibility VRS: Age 60 with at least five years (60 months) of creditable service or age 50Earliest Reduced Retirement eligibility VRS: Age 60 with at least five years (60 months) of creditable service or age 50Earliest Reduced Retirement eligibility VRS: Age 60 with at least five years (60 months) of creditable service or age 50Earliest Reduced Retirement <th></th> <th></th> <th>Defined Contribution Component: Not applicable.</th>			Defined Contribution Component: Not applicable.
VaLORS: Age 60VaLORS: Same as Plan 1VaLORS: Not appliedVaLORS: Age 60VaLORS: Same as Plan 1Defined Contribution Component: Members are eligible receive distributions u leaving employment, to restrictions.Earliest Unreduced Retirement Eligibility VRS: Age 65 with at least five years (60 months) of creditable service.Earliest Unreduced 	: Age 65 VR	S: Normal Social Security	Normal Retirement Age Defined Benefit Component: VRS: Same as Plan 2
Earliest Unreduced Retirement Eligibility VRS: Age 65 with at least five years (60 months) of creditable service.Earliest Unreduced Retirement Eligibility VRS: Normal Social Security 	DRS: Age 60	-	VaLORS: Not applicable.
Retirement Eligibility VRS: Age 65 with at least five years (60 months) of creditable service or at age 50 with at least 30 years of creditable service.Retirement Eligibility VRS: Normal Social Security retirement age with at least five years (60 months) of creditable service or when their age and service equal 90.Retirement Eligibility Defined Benefit Com VRS: Normal Social retirement age with at least five years (60 months) of creditable service or age 50 with at least 25 years of creditable service.Retirement Eligibility VRS: Same as Plan 1.Retirement Eligibility Defined Contributio Component: Members are eligible receive distributions of leaving employment, to restrictions.Earliest Reduced Retirement Eligibility VRS: Age 55 with at least five years (60 months) of creditable service or age 50 with at least 10 year ofEarliest Reduced Retirement five years (60 months) of creditable service.Earliest Reduced Retirement eligibilityEarliest Reduced Retirement five years (60 months) of creditable service.Earliest Reduced Retirement five years (60 months) of creditable service or age 50 with at least 10 year ofEarliest Reduced Retirement five years (60 months) of creditable service.Earliest Reduced Retirement five years (60 months) of creditable service.Earliest Reduced Retirement five years (60 months) of creditable service.Earliest Reduced Retirement fi			Members are eligible to receive distributions upon leaving employment, subject
VaLORS: Age 60 with at least five years of creditable service or age 50 with at least 25 years of creditable service.VaLORS: Same as Plan 1.VaLORS: Not applic Defined Contributio Component: Members are eligible 	rement EligibilityRef: Age 65 with at leastVRvears (60 months) ofretitable service or at age 50fiveat least 30 years ofcre	tirement Eligibility CS: Normal Social Security rement age with at least e years (60 months) of ditable service or when	Retirement Eligibility Defined Benefit Component: VRS: Normal Social Security retirement age and have at least five years (60 months) of creditable service or when
Earliest Reduced Retirement EligibilityEarliest Reduced Retirement EligibilityLearliest Reduced Retirement EligibilityVRS: Age 55 with at least five years (60 months) of creditable service or age 50 with at least 10 year ofKarliest Reduced Retirement EligibilityEarliest Reduced Retirement EligibilityVRS: Age 60 with at least five years (60 months) of creditable service or age 50 with at least 10 year ofVRS: Age 60 with at least five years (60 months) of creditable service.VRS: Age Members retire with a reduced I early as age 60 with at	five years of creditable ce or age 50 with at least	LORS: Same as Plan 1.	VaLORS: Not applicable. <u>Defined Contribution</u> <u>Component</u> : Members are eligible to
EligibilityEligibilityEligibilityVRS: Age 55 with at least five years (60 months) of creditable service or age 50 with at least 10 year ofEligibilityEligibilityURS: Age 60 with at least five years (60 months) of creditable service.VRS: Age 60 with at least five years (60 months) of creditable service.EligibilityURS: Age 55 with at least five years (60 months) of creditable service.VRS: Age Members 			leaving employment, subject
Valors: 50 with at least	bilityEli: Age 55 with at leastVRvears (60 months) of table service or age 50 at least 10 year of table service.creValueValue	gibility SS: Age 60 with at least e years (60 months) of	Defined Benefit Component: VRS: Age Members may retire with a reduced benefit as early as age 60 with at least five years (60 months) of
five years of creditable service. VaLORS: Not applied	years of creditable		VaLORS: Not applicable. Defined Contribution

		Members are eligible to receive distributions upon leaving employment, subject to restrictions.
Cost-of-Living Adjustment (COLA) in Retirement The Cost-of-Living Adjustment (COLA) matches the first 3% increase in the Consumer Price Index for all Urban Consumers (CPI-U) and half of any additional increase (up to 4%) up to a maximum COLA of 5%.	Cost-of-Living Adjustment (COLA) in Retirement The Cost-of-Living adjustment (COLA) matches the first 2% increase in the CPI-U and half of any additional increase (up to 2%), for a maximum COLA of 3%.	Cost-of-Living Adjustment (COLA) in Retirement <u>Defined Benefit Component</u> : Same as Plan 2. <u>Defined Contribution</u> <u>Component</u> : Not applicable.
Eligibility: For members who retire with an unreduced benefit or with a reduced benefit with at least 20 years of creditable service, the COLA will go into effect on July 1 after one full calendar year from the retirement date. For members who retire with a reduced benefit and who have less than 20 years of creditable service, the COLA will go into effect on July 1 after one calendar year following the unreduced retirement eligibility date.	Eligibility: Same as Plan 1.	Eligibility: Same as Plan 1 and Plan 2.
 Exceptions to COLA Effective Dates: The COLA is effective July 1 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. 	Exceptions to COLA Effective Dates: Same as Plan 1.	Exceptions to COLA Effective Dates: Same as Plan 1 and Plan 2.

 The member retires directly from short- term or long-term disability under the Virginia Sickness and Disability Program (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. 		
Disability Coverage	Disability Coverage	Disability Coverage
Members who are eligible to	Members who are eligible to	State employees (including
be considered for disability	be considered for disability	Plan 1 and Plan 2 opt-ins)
retirement and retire on	retirement and retire on	participating in the Hybrid
disability, the retirement	disability, the retirement	Retirement Plan are covered
multiplier is 1.7% on all	multiplier is 1.65% on all	under the Virginia Sickness
service, regardless of when it	service, regardless of when it	and Disability Program
was earned, purchased or	was earned, purchased or	(VSDP), and are not eligible
granted.	granted.	for disability retirement.
Most state employees are	Most state employees are	Hybrid members (including
covered under the Virginia	covered under the Virginia	Plan 1 and Plan 2 opt-ins)
Sickness and Disability	Sickness and Disability	covered under VSDP are
Program (VSDP), and are not	Program (VSDP), and are not	subject to a one-year waiting
eligible for disability	eligible for disability	period before becoming
retirement.	retirement.	eligible for non-work-related

		1' 1'1', 1 C',
VSDP members are subject to a one-year waiting period before becoming eligible for non-work-related disability benefits.	VSDP members are subject to a one-year waiting period before becoming eligible for non-work related disability benefits.	disability benefits.
Purchase of Prior Service Members may be eligible to purchase service from previous public employment, active duty military service, an eligible period of leave or VRS refunded service as creditable service in their plan. Prior creditable service counts toward 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.	Purchase of Prior Service Same as Plan 1.	 Purchase of Prior Service <u>Defined Benefit Component</u>: Same as Plan 1, with the following exceptions: Hybrid Retirement Plan members are ineligible for ported service. The cost for purchasing refunded service is the higher if 4% of creditable compensation or average final compensation. Plan members have one year from their date of hire or return from leave to purchase all but refunded prior service at approximate normal cost. After that one-year period, the rate for most categories of service will change to actuarial cost.
		Component: Not applicable.

Contributions

The contribution requirement for active employees is governed by §51.1-145 of the *Code of Virginia*, as amended, but may be impacted as a result of funding provided to state agencies by the Virginia General Assembly. Employees are required to contribute 5.00% of their compensation toward their retirement. Prior to July 1, 2012, the 5.00% member contribution was paid by the employer. Beginning July 1, 2012 state employees were required to pay the 5.00% member contribution and the employer was required to provide a salary increase equal to the amount of the increase in the employee-paid member contribution. Each state agency's

contractually required contribution rate for the year June 30, 2017 was 13.49% of covered employee compensation for employees in the VRS State Employee Retirement Plan. For employees in the VaLORS Retirement Plan, the contribution rate was 21.05% of covered employee compensation. These rates were based on an actuarially determined rate from an actuarial valuation as of June 30, 2015. The contribution rate for the VRS State Employee Retirement Plan also reflects the transfer in June 2016 of \$162,406,273 as an accelerated payback of the deferred contribution in the 2010-12 biennium. The contribution for the VaLORS Retirement Plan also reflects the transfer in June 2016 of \$16,491,559 as an accelerated payback of the deferred contribution in the 2010-12 biennium. The actuarially determined rate, when combined with employee contributions, was expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contributions from the Institute to the VRS State Employee Retirement Plan were \$2,123,826 and \$2,232,003 for the years ended June 30, 2017 and June 30, 2016, respectively. Contributions from the Institute to the VRS Retirement Plan were \$97,605 and \$77,936 for the years ended June 30, 2017 and June 30, 2016

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

At June 30, 2017, the Virginia Military Institute reported a liability of \$26,574,000 for its proportionate share of the VRS State Employee Retirement Plan Net Pension Liability and a liability of \$927,000 for its proportionate share of the VaLORS Retirement Plan Net Pension Liability. The Net Pension Liability was measured as of June 30, 2016 and the total pension liability used to calculate the Net Pension Liability was determined by an actuarial valuation as of that date. VMI's proportion of the Net Pension Liability was based on the Institute's actuarially determined employer contributions to the pension plan for the year ended June 30, 2016 relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2016, VMI's proportion of the VRS State Employee Retirement Plan was 0.403% as compared to 0.414% at June 30, 2015. At June 30, 2016, the Institute's proportion of the VaLORS Retirement Plan was 0.120% compared to 0.122% at June 30, 2015.

For the year ended June 30, 2017, the Virginia Military Institute recognized pension expense of \$1,791,000 for the VRS State Employee Retirement Plan and \$82,000 for the VaLORS Retirement Plan. Since there was a change in proportionate share between June 30, 2015 and June 30, 2016, a portion of the pension expense was related to deferred amounts from changes in proportion and from differences between employer contributions and the proportionate share of employer contributions.

At June 30, 2017, the Institute reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

VRS Retirement Plan				
	Def	erred Outflows of	De	eferred Inflows of
		Resources		Resources
Difference between expected and actual experience	\$	114,000	\$	724,000
Change in assumptions		-		-
Net difference between projected and actual earnings				
on pension expense		1,694,000		-
Changes in proportion and differences between				
Employer contributions and proportionate share of				
contributions		-		733,000
Employer contributions subsequent to the measurement		2,135,309		
date		2,155,509		-
Total	\$	3,943,309	\$	1,457,000

VaLORS Retirement Plan		
	Deferred Outflows of	Deferred Inflows of
	Resources	Resources
Difference between expected and actual experience	\$ 4,000	\$ 2,000
Change in assumptions	-	-
Net difference between projected and actual earnings		
on pension expense	38,000	-
Changes in proportion and differences between		
Employer contributions and proportionate share of		
contributions		10.000
	-	19,000
Employer contributions subsequent to the measurement	92,829	-
date Total	¢ 124.920	¢ 21.000
Total	\$ 134,829	\$ 21,000

\$2,228,138 reported as deferred outflows of resources related to pensions resulting from the Institute'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, 2018. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30,			
	VRS Plan	VaLO	RS Plan
2018	\$ (529,000)	\$	(9,000)
2019	(494,000)		(5,000)
2020	681,000		20,000
2021	693,000		15,000
2022	-		-
	\$ 351,000	\$	21,000

Actuarial Assumptions

The total pension liability for the VRS State Employee Retirement Plan was based on an actuarial valuation as of June 30, 2015, 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, 2016.

Inflation	2.5 percent
Salary increases, including Inflation	3.5 percent – 5.35 percent
Investment rate of return	7.0 percent, net of pension plan investment expense, including inflation*

*Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of the market assets for all of the VRS plans. This would provide an assumed investment return rate for GASB purposes of slightly more than the assumed 7.0%. However, since the difference was minimal, and a more conservative 7.0% investment return assumption provided a projected plan net position that exceeded the projected benefit payments, the long-term expected rate of return on investments was assumed to be 7.0% to simplify preparation of pension liabilities.

Mortality rates:

Pre-Retirement:

RP-2000 Employee Mortality Table Projected with Scale AA to 2020 with males set forward 2 years and females set back 3 years.

Post-Retirement:

RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with females set back 1 year.

Post-Disablement:

RP-2000 Disability Life Mortality Table Projected to 2020 with males set back 3 years and no provision for future mortality improvement.

The actuarial assumptions used in the June 30, 2015 valuation were based on the results of an actuarial experience study for the period from July 1, 2008 through June 30, 2012. Changes to the actuarial assumptions as a result of the experience study are as follows:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of withdrawals for less than 10 years of service
- Decrease in rates of male disability retirement
- Reduce rates of salary increase by 0.25% per year

The total pension liability for the VaLORS Retirement Plan was based on an actuarial valuation as of June 30, 2015, 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, 2016.

Inflation	2.5 percent
Salary increases, including Inflation	3.5 percent – 4.75 percent
Investment rate of return	7.0 percent, net of pension plan investment expense, including inflation*

*Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of the market assets for all of the VRS plans. This would provide an assumed investment return rate for GASB purposes of slightly more than the assumed 7.0%. However, since the difference was minimal, and a more conservative 7.0% investment return assumption provided a projected plan net position that exceeded the projected benefit payments, the long-term expected rate of return on investments was assumed to be 7.0% to simplify preparation of pension liabilities.

Mortality rates:

Pre-Retirement:

RP-2000 Employee Mortality Table Projected with Scale AA to 2020 with males set forward 5 years and females set back 3 years.

Post-Retirement:

RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with females set back 1 year.

Post-Disablement:

RP-2000 Disability Life Mortality Table Projected to 2020 with males set back 3 years and no provision for future mortality improvement.

The actuarial assumptions used in the June 30, 2015 valuation were based on the results of an actuarial experience study for the period from July 1, 2008 through June 30, 2012. Changes to the actuarial assumptions as a result of the experience study are as follows:

- Update mortality table
- Adjustments to the rates of service retirement
- Decrease in rates of withdrawals for females under 10 years of service
- Increase in rates of disability
- Decrease service related disability rate from 60% to 50%

Net Pension Liability

The net pension liability (NPL) is calculated separately for each system and represents that particular system's total pension liability determined in accordance with GASB Statement No. 67, less that system's fiduciary net position. As of June 30, 2016, NPL amounts for the VRS State Employee Retirement Plan and the VaLORS Retirement Plan are as follows (amounts expressed in thousands):

	State VaLORS	Employee
	Retirement <u>Plan</u>	Retirement <u>Plan</u>
Total Pension Liability Plan Fiduciary Net Position Employers' Net Pension Liability (Asset)	\$ 22,958,593 <u>16,367,842</u> <u>\$ 6,590,751</u>	\$ 1,985,618 <u>1,211,446</u> <u>\$ 774,172</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	71.29%	61.01%

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

Long-Term Expected Rate of Return

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

VIRGINIA MILITARY INSTITUTE
NOTES TO THE FINANCIAL STATEMENTS AS OF 30 JUNE 2017

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
U.S. Equity	19.50%	6.46%	1.26%
Developed Non U.S. Equity	16.50%	6.28%	1.04%
Emerging Market Equity	6.00%	10.00%	0.60%
Fixed Income	15.00%	0.09%	0.01%
Emerging Debt	3.00%	3.51%	0.11%
Rate Sensitive Credit	4.50%	3.51%	0.16%
Non Rate Sensitive Credit	4.50%	5.00%	0.23%
Convertibles	3.00%	4.81%	0.14%
Public Real Estate	2.25%	6.12%	0.14%
Private Real Estate	12.75%	7.10%	0.91%
Private Equity	12.00%	10.41%	1.25%
Cash	1.00%	-1.50%	-0.02%
Total	100.00%	-	5.83%
	Inflation		2.50%
*Expected ari	thmetic nominal return	-	8.33%

*Using stochastic projection results provides an expected range of real rates of return over various time horizons. Looking at one year results produces an expected real return of 8.33% but also has a high standard deviation, which means there is high volatility. Over larger time horizons the volatility declines significantly and provides a median return of 7.44%, including expected inflation of 2.50%.

Discount Rate

The discount rate used to measure the total pension liability was 7.00%. 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. Through the fiscal year ending June 30, 2018, the rate contributed by the Institute for the VRS State Employee Retirement Plan and the VaLORS Retirement Plan will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly. From July 1, 2018 on, all agencies are assumed to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Institute's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents VMI's proportionate share of the VRS State Employee Retirement Plan net pension liability using the discount rate of 7.00%, as well as what the Institute's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current rate:

	1.00% Decrease (6.00%)	Current Discount Rate (7.00%)	1.00% Increase (8.00%)
Virginia Military Institute's			
proportionate share of the	\$37.399.000	\$26.574.000	\$17,487,000
VRS State Employee Retirement	\$37,339,000	\$20,374,000	\$17,487,000
Plan Net Pension Liability			

The following presents VMI's proportionate share of the VaLORS Retirement Plan net pension liability using the discount rate of 7.00%, as well as what the Institue's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current rate:

	1.00% Decrease	Current Discount	1.00% Increase
	(6.00%)	Rate (7.00%)	(8.00%)
Virginia Military Institute's proportionate share of the VaLORS Retirement Plan Net Pension Liability	\$1,241,000	\$927,000	\$669,000

Pension Plan Fiduciary Net Position

Detailed information about the VRS State Employee Retirement Plan's Fiduciary Net Position or the VaLORS Retirement Plan's Fiduciary Net Position is available in the separately issued VRS 2016 Comprehensive Annual Financial Report (CAFR). A copy of the 2016 VRS CAFR may be downloaded from the VRS website at <u>http://www.varetire.org/Pdf/Publications/2016-annual-report.pdf</u>, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

Optional Retirement Plan

Full-time faculty and contracted administrative staff may participate in optional retirement plans as authorized by the *Code of Virginia* rather than traditional VRS retirement plans. These optional retirement plans are defined contribution plans offered through Teachers Insurance and Annuity Association – College Retirement Equities Fund (TIAA), Fidelity Investments Tax-Exempt Services Company and VRS (through ICMA-RC). The plans are fixed-contribution programs where the retirement benefits received are based upon employer and employee (if applicable) contributions, plus net investment gains or losses. Employees hired prior to 1 July

2010 (Plan 1) have an employer required contribution rate of 10.4%. Employees hired on or after 1 July 2010 (Plan 2) have an employer required contribution rate of 8.5% and an employee required contribution rate of 5%. Individual contracts issued under the plans provide for full and immediate vesting of both the Institute's and the employee's contributions.

Total employer pension costs under optional retirement plans were approximately \$1,270,131 for the year ended 30 June 2017. Contributions to the optional retirement plans were calculated using the base salary amount of approximately \$13,431,294 for fiscal year 2017.

Included in Accounts Payable and Accrued Expenses at June 30, 2017 are accrued expenses of \$2,623,684 for the 457(F) defined contribution plan for Institute Executives as voted on and approved by the VMI Board of Visitors.

Deferred Compensation Plan

Employees of the Institute, as employees of the Commonwealth, may participate in Virginia's Deferred Compensation Plan (the Plan). Participating employees can contribute to the Plan each pay period, with the Commonwealth matching up to \$20 per pay period (\$40 per month). The dollar amount match may change depending on the funding available in the Commonwealth's budget. The Plan is a qualified defined contribution plan under Section 401(a) of the *Internal Revenue Code*. Employer contributions under the Plan were approximately \$149,790 for the fiscal year 2017.

NOTE 13: POSTEMPLOYMENT BENEFITS

The Institute participates in postemployment benefit programs that are sponsored by the Commonwealth and administered by VRS. These programs include the Group Life Insurance Program, Virginia Sickness and Disability Program, Retiree Health Insurance Credit Program, and Line of Duty Act Program.

The Group Life Insurance Program provides members basic group life insurance upon employment. In addition to benefits provided to active members during employment, the Virginia Sickness and Disability Program provides inactive members with long-term disability and longterm care benefits. The Retiree Health Insurance Credit Program provides members health insurance credits to offset the monthly health insurance premiums for retirees who have at least 15 years of service. The Line of Duty Act Program provides death and health insurance reimbursement benefits to eligible state employees, such as campus police, who die or become disabled as a result of the performance of their duties as a public safety officer. The Institute is required to contribute the costs of participating in the Pre-Medicare Retiree Healthcare Plan, which is sponsored by the Commonwealth and administered by the Department of Human Resources Management. The plan provides the option for retirees who are not yet eligible to participate in Medicare to participate in the Commonwealth's healthcare plan for its active employees. The Institute does not pay a portion of the retirees' healthcare premium; however, since both active employees and retirees are included in the same pool for purposes of determining health insurance rates, this generally results in a higher rate for active employees. Therefore, the Institute effectively subsidizes the costs of the participating retirees' healthcare through payment of the employer's portion of premiums for active employees. Additional information related to all of these plans is available at the state-wide level in the Commonwealth's Comprehensive Annual Financial Report.

NOTE 14: RISK MANAGEMENT

The Institute is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; non-performance of duty; injuries to employees; and natural disasters. The Institute participates in insurance plans maintained by the Commonwealth of Virginia. The state employee health care and worker's compensation plans are administered by the Department of Human Resource Management and the risk management insurance plans are administered by the Department of Treasury, Division of Risk Management. Risk management insurance includes property, general liability, medical malpractice, faithful performance of duty bond, automobile, and air and watercraft plans. The Institute pays premiums to each of these departments for its insurance coverage. Information relating to the Commonwealth's insurance plans is available at the statewide level in the Commonwealth of Virginia's Comprehensive Annual Financial Report (CAFR).

NOTE 15: CONTINGENCIES

The Institute received federal grants for specific purposes that are subject to review and audit by the grantor agencies. Claims against these resources are generally conditional upon compliance with the terms and conditions of grant agreements and applicable federal regulations, including the expenditure of resources for allowable purposes. Any disallowance resulting from a federal audit may become a liability of the Institute.

In addition, the Institute is required to comply with various federal regulations issued by the Office of Management and Budget. Failure to comply with certain systems requirements of these regulations may result in questions concerning the allowance of related direct and indirect charges pursuant to such agreements. As of 30 June 2017, the Institute estimates that no material liabilities will result from such audits or questions.

In August 2007, VMI entered into a five-year dining services contract with ARAMARK Educational Services (ARAMARK), VMI's contracted dining services vendor. The contract included an optional renewal term of five additional years. Under the agreement, ARAMARK committed to contribute \$750,000 for food service facility renovations, the purchase and installation of food service equipment, area treatment, signage and marketing materials and other costs associated with the food service program on VMI's premises. In accordance with the agreement, the Institute received \$500,000 in fiscal 2008 and the balance of \$250,000 in fiscal 2012. The contract requires ARAMARK to amortize contributions on a straight-line basis over a ten-year period through 2017. Upon contract expiration or termination by either party prior to 2017, VMI agreed to pay ARAMARK the unamortized balance plus accrued but unbilled interest (prime rate plus two percentage points per annum, compounded monthly) within thirty days.

In July 2012, the Institute exercised the right to renew the 2007 contract with ARAMARK through 2017. In consideration for the renewal, ARAMARK agreed to contribute \$350,000 for food service facility renovations and retail dining facility enhancements. In accordance with the agreement, \$250,000 was received in fiscal 2013 and the balance of \$100,000 in fiscal 2014. The agreement requires ARAMARK to amortize contributions on a straight-line basis through 2017, commencing with the complete expenditure of funds. Upon contract expiration or termination by either party prior to 2017, VMI agreed to pay ARAMARK the unamortized balance plus accrued

but unbilled interest (prime rate plus two percentage points per annum, compounded monthly) within thirty days.

In July 2014, VMI entered into a contract amendment with ARAMARK. In accordance with the agreement, ARAMARK provided a financial commitment of \$300,000 in fiscal 2016 to VMI for food service facility renovations and for the purchase and installation of equipment associated with upgrades to the main dining hall. The amendment requires the financial commitment to be amortized on a straight-line basis through 2017. Upon expiration or termination of the agreement by either party for any reason prior to complete amortization, VMI shall reimburse ARAMARK the unamortized balance as of the date of expiration or termination plus accrued but unbilled interest (prime rate plus two percentage points per annum) within thirty days.

In February 2015, VMI entered into a contract with Follett Higher Education Group for service as VMI's bookstore management and operations provider under which VMI received financial incentives of \$250,000 and \$50,000 in fiscal 2015 and 2017, respectively. The contract requires VMI to repay the unamortized balance of the financial incentive, using the straight-line method, in the event the contractual relationship is terminated prior to June 2020.

NOTE 16: VMI ALUMNI AGENCIES

The VMI Alumni Agencies (the "Agencies") are comprised of four organizations that share the common purpose of raising funds, investing funds, and performing other activities on behalf of VMI alumni and other donors in support of the Institute. Significant sources of revenue consist of contributions and investment return. Due to their shared purpose, the Agencies have elected to present their financial statements on a combined basis. All significant interagency accounts and transactions have been eliminated. The individual organizations comprising the Agencies and their purposes are as follows:

The VMI Alumni Association

The purpose of The VMI Alumni Association is to organize the alumni of VMI into one general body.

VMI Foundation, Incorporated and Subsidiary

The purpose of the VMI Foundation, Incorporated and Subsidiary is to solicit and to accept various funds and to disburse such funds, or income earned from those funds, for the advancement of VMI and the Alumni Association. The Foundation is the sole member of VMI Investment Holdings, LLC.

VMI Development Board, Incorporated

The purpose of the VMI Development Board, Incorporated is to support VMI by coordinating development and fundraising efforts conducted on behalf of VMI Alumni and other donors.

VMI Keydet Club, Incorporated

The purpose of the VMI Keydet Club, Incorporated is to support, strengthen, and develop the intercollegiate athletic program at VMI.

Contributions receivable

Contributions receivable consist of the following as of 30 June 2017:

Unconditional promises to give Charitable trusts held by others Total contributions receivable	\$ 37,500,492 185,946 37,686,438
	, ,
Less: current portion	(20,231,909)
Noncurrent contributions receivable	\$ 17,454,529
Gross amounts expected to be collected in:	
Less than one year	\$ 22,625,997
One to five years	19,432,101
More than five years	1,193,420
	43,251,518
Less:	
Discount	(1,258,529)
Allowance for uncollectible contributions	(4,306,551)
Fair value	\$ 37,686,438

The distribution of contributions receivable for each class of net assets as of 30 June 2017 is as follows:

Temporarily restricted	\$ 16,422,933
Permanently restricted	21,263,505
	\$ 37,686,438

At 30 June 2017, the Agencies had also received bequest and other intentions of approximately \$158.4 million. These intentions to give are not recognized as assets and, if they are received, they will generally be restricted for specific purposes stipulated by the donors.

For 2017, approximately 48% of the contributions receivable balance was from five donors.

Investments held by trustees

The Agencies participate in a combined investment fund (the "Fund") controlled by the VMI Investment Holdings, LLC. BNY Mellon, N.A. serves as custodian for the Fund's assets. The Fund's investments consist of the following as of 30 June 2017:

Equities	\$ 2	203,289,025	48.7 %
Absolute return funds		68,619,788	16.4
Private equities		68,115,823	16.3
Fixed income		53,481,786	12.8
Cash and cash equivalents		15,739,001	3.8
Master limited partnerships		8,307,037	2.0
	\$ 4	417,552,460	100.0 %

These investments, which comprise the majority of the Agencies' assets, are subject to market risk. However, the Agencies' investment funds are managed by a number of investment managers, which limits the amount of risk in any one fund. VMI Investment Holdings, LLC establishes investment guidelines and performance standards which further reduce its exposure to market risk.

Investments held by trustees activity for the year ended 30 June 2017 is reflected in the table below:

Investments, beginning of year	\$ 365,472,684
Gifts and amounts available for investments	 15,000,000
	 380,472,684
Investments returns:	
Dividends and interest	3,461,280
Net realized and unrealized losses	46,060,383
Investment fees	 (3,081,887)
Total return on investments held by trustee, net	 46,439,776
Net disbursements used to fund operations	 (9,360,000)
Investments, ending of year	\$ 417,552,460

VMI Investment Holdings, LLC

On 29 April 2009, VMI Investment Holdings, LLC (LLC) was formed to manage the investments held by trustees. On 1 June 2009, all investments held by trustees and for which BNY Mellon, N.A. serves as custodian were transferred to the LLC. The Foundation is the sole member of the LLC, and acts as an intermediary between the LLC and the other agencies. As stated in the Deposit and Management Agreement, the LLC will operate the unitized investment pool and issue a number of units in the pool to each depositor based on the amount of its deposit divided by the then unit value. Each depositor is entitled to its pro rata share of the value, taking into account aggregate investment returns. Deposits to and withdrawals from the pool by the other agencies will be made through the Foundation. A separate board of directors was established to manage the LLC.

Investments, Other

Investments, other as of 30 June 2017 consist of the following:

	Held by Agent	F	Held in Held by Irrevocable Foundation Trusts*				Total at Fair Value**		
Equities	\$ 1,021,588	\$	9	\$	9,800,236	\$	10,821,833		
Fixed income	4,275		5,891		2,318,200		2,328,366		
Real estate	-		1,757,468		-		1,757,468		
Alternative investments	-		-		1,255,718		1,255,718		
Cash and cash equivalents	171,479		793		249,351		421,623		
Limited partnerships	 -		17,128		-		17,128		
	\$ 1,197,342	\$	1,781,289	\$	13,623,505	\$	16,602,136		

*Investments held in irrevocable trusts are not available for use until the occurrence of a future event as noted in the applicable trust agreements.

**For certain components of these investments, primarily real estate, limited partnerships, and common stocks of closely held companies where fair values were not readily determinable, cost was used.

Long-term Debt

Long-term debt consists of the following at 30 June 2017:

Fixed Rate Educational Facilities Revenue Bonds, Series 2006, payable in varying installments from \$5,000,000 to \$22,475,000, commencing 2021	
through 2037	\$ 10,000,000
Fixed Rate Educational Facilities Revenue Bonds, Series 2016, payable in varying installments from \$4,370,000 to \$25,860,000, commencing 2031	
through 2037	36,230,000
Bond premiums, net	 698,884
	\$ 46,928,884

Debt matures as follows for future years ending 30 June:

2018	\$ -
2019	-
2020	-
2021	10,000,000
2022	-
Thereafter	 36,230,000
	\$ 46,230,000

Effective 15 July 2010, the Industrial Development Authority of the City of Lexington, Virginia approved a request by the Agencies to remarket Variable Rate Educational Facilities Revenue Bonds, Series 2006. This remarketing superseded the original issuance, dated 13 July 2006. The bonds were initially issued in a single series bearing interest at a variable rate. The bonds were remarketed in three series, Series 2006A-1 (\$5,000,000) and 2006A-2 (\$5,000,000), 2006B

(\$10,000,000), and 2006C (\$22,475,000), and interest was converted to a fixed rate on each series.

Effective June 1, 2016, the Industrial Development Authority of the City of Lexington, Virginia approved a request by the Agencies to issue and sell Educational Facilities Revenue Refunding Bonds, Series 2016. The proceeds of the Bonds were used to establish an escrow account which will refund and defease the Series 2006B and 2006C bonds, including the redemption premium, accrued interest thereon, and to finance the costs of issuance of the 2016 Series bonds. The 2006B and 2006C bonds will be redeemed on June 1, 2019. In connection with the refunding and defeasance, the Agencies recognized a loss on extinguishment of debt totaling \$2,856,240 for the year ended June 30, 2016, comprised primarily of the interest that will be paid from the escrow account on the 2006B and 2006C bonds until their redemption.

Series 2006A-1 bears interest of 4.25%; Series 2006A-2 bears interest at 5.00%. The 2016 bonds bear fixed interest of 3.0% (on \$30,230,000 of principal) and 4.0% (on \$6,000,000 of principal). Interest payments are due each June 1 and December 1.

The principal payment of \$10,000,000 on Series 2006A-1 and 2006A-2 is due in fiscal year 2021. Upon this conversion, the bonds are no longer collateralized by any credit or liquidity facility, nor are the bonds collateralized by any of the Agencies' assets. Management believes the fair value of long-term debt at June 30, 2017 and 2016 approximated carrying value, in all material respects.

Bond premiums, net of expenses, totaling \$1,132,290 and \$2,525,000 at June 30, 2017 and 2016, respectively, are being amortized over the life of the loan. Amortization of the premiums totaled \$182,982 and \$131,245 for 2017 and 2016, respectively.

Endowment Funds

The Agencies employ a total return spending policy that establishes the amount of investment return that is available to support current needs and restricted purposes. This policy is designed to insulate program spending from capital market fluctuations and increase the amount of return that is reinvested in the corpus of the fund in order to enhance its long-term value. For 2017 and 2016, the Board approved spending formula for the endowment provided for an annual spending rate of 4.8% of the average of the prior twelve quarters' market values adjusting these market values upward to reflect subsequent receipt of gifts, or downward to reflect extraordinary withdrawals. If cash yield (interest and dividends) is less than the spending rate, realized gains can be used to make up the deficiency. Any income in excess of the spending rate is to be reinvested in the endowment. The primary investment objective is long-term capital appreciation and total return. The Agencies utilize diversified investment classes that provide the opportunity to achieve the return objective without exposing the funds to unnecessary risk.

NOTE 17: COMPONENT UNITS

Condensed financial statements for the component units of the Institute are as follows:

CONDENSED STATEMENTS OF NET ASSETS As of 30 June 2017	 I Research ratories Inc.	V	VMI Alumni Agencies	TOTAL
Assets:				
Current assets	\$ 408,891	\$	38,473,901	\$ 38,882,792
Noncurrent assets	299,942		457,988,699	458,288,641
Total assets	 708,833		496,462,600	497,171,433
Liabilities:				
Current liabilities	61,925		1,660,053	1,721,978
Noncurrent liabilities	14,698		51,629,690	51,644,388
Total liabilities	76,623		53,289,743	53,366,366
Net Assets:				
Unrestricted	572,624		53,924,679	54,497,303
Temporarily restricted	49,586		189,084,107	189,133,693
Permanently restricted	10,000		200,164,071	200,174,071
Total net assets	632,210		443,172,857	443,805,067
Total net assets and liabilities	\$ 708,833	\$	496,462,600	\$ 497,171,433

CONDENSED STATEMENTS OF REVENUES

EXPENSES AND CHANGES IN NET ASSETS As of 30 June 2017	 Research atories Inc.	V	MI Alumni Agencies	TOTAL		
Total revenues	\$ 259,461	\$	49,208,042	\$	49,467,503	
Total expenses	(324,297)		(24,598,736)		(24,923,033)	
Total net realized and unrealized losses on investments	-		47,609,364		47,609,364	
Total change in net assets	(64,836)		72,218,670		72,153,834	
Total beginning net assets	 697,046		370,954,187		371,651,233	
Total ending net assets	\$ 632,210	\$	443,172,857	\$	443,805,067	

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REQUIRED SUPPLEMENTARY INFORMATION

Schedule of Virginia Military Institute's (VMI) Share of Net Pension Liability VRS State Employee Retirement Plan For the Years Ended June 30, 2017, 2016, and 2015*

	2017	2016	2015
VMI's Proportion of the Net Pension Liability (Asset)	0.4032%	0.4140%	0.4176%
VMI's Proportionate Share of Net Pension Liability (Asset)	\$26,574,000	\$25,348,000	\$23,380,000
VMI's Covered Payroll	\$15,910,663	\$15,948,365	\$16,113,410
VMI's Proportionate Share of Net Pension Liability (Asset) as a Percentage of its Covered Payroll	167.02%	158.94%	145.10%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	71.29%	72.81%	74.28%

Schedule is intended to show information for 10 years. Since 2017 is the third year for this presentation, only one additional year of data is available. However, additional years will be included as they become available.

*The amounts presented have a measurement date of the previous fiscal year end.

Schedule of Virginia Military Institute's (VMI) Share of Net Pension Liability VaLORS State Employee Retirement Plan For the Years Ended June 30, 2017, 2016, and 2015*

	2017	2016	2015	_
VMI's Proportion of the Net Pension Liability (Asset)	0.1197%	0.1216%	0.1236%	
VMI's Proportionate Share of Net Pension Liability (Asset)	\$927,000	\$864,000	\$833,000	
VMI's Covered Payroll	\$413,573	\$411,648	\$435,721	
VMI's Proportionate Share of Net Pension Liability (Asset) as a Percentage of its Covered Payroll	224.14%	209.89%	191.18%	
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	61.01%	62.64%	63.05%	

Schedule is intended to show information for 10 years. Since 2017 is the third year for this presentation, only one additional year of data is available. However, additional years will be included as they become available.

*The amounts presented have a measurement date of the previous fiscal year end.

Schedule of Employer Contributions VRS State Employee Retirement Plan For the Years Ended June 30, 2008 through 2017

				ntributions Relation to					Contributions
	Co	ntractually	Co	ntractually	Contr	ibution	F	mployer's	as a % of
	ŀ	Required		Required	Defi	ciency	ency Covered		Covered
Year	Co	Contribution		Contribution		(Excess) Payroll		Payroll	
2017	\$	2,126,767	\$	2,126,767	\$	-	\$	15,765,510	13.49%
2016	\$	2,231,534	\$	2,231,534	\$	-	\$	15,913,493	14.02%
2015	\$	1,967,097	\$	1,967,097	\$	-	\$	15,953,744	12.33%
2014	\$	1,412,716	\$	1,412,716	\$	-	\$	16,126,899	8.76%
2013	\$	1,365,002	\$	1,365,002	\$	-	\$	15,582,212	8.76%
2012	\$	484,495	\$	484,495	\$	-	\$	14,967,368	3.24%
2011	\$	304,565	\$	304,565	\$	-	\$	14,298,827	2.13%
2010	\$	706,052	\$	706,052	\$	-	\$	14,306,918	4.94%
2009	\$	863,468	\$	863,468	\$	-	\$	13,859,845	6.23%
2008	\$	854,003	\$	854,003	\$	-	\$	13,886,227	6.15%

Schedule of Employer Contributions VaLORS Retirement Plan For the Years Ended June 30, 2008 through 2017

				ntributions Relation to					Contributions
	Con	tractually	Co	ntractually	Cor	ntribution	Б	nployer's	as a % of
	R	equired	F	Required	De	eficiency		Covered	Covered
Year	Cor	ntribution	Co	ntribution	(]	Excess)		Payroll	Payroll
2017	\$	97,605	\$	97,605	\$	-	\$	463,682	21.05%
2016	\$	77,936	\$	77,936	\$	-	\$	413,573	18.84%
2015	\$	72,738	\$	72,738	\$	-	\$	411,648	17.67%
2014	\$	64,487	\$	64,487	\$	-	\$	435,721	14.80%
2013	\$	62,619	\$	62,619	\$	-	\$	423,099	14.80%
2012	\$	25,207	\$	25,207	\$	-	\$	348,333	7.24%
2011	\$	19,494	\$	19,494	\$	-	\$	380,751	5.12%
2010	\$	34,853	\$	34,853	\$	-	\$	311,848	11.18%
2009	\$	38,925	\$	38,925	\$	-	\$	273,540	14.23%
2008	\$	44,265	\$	44,265	\$	-	\$	279,101	15.86%

NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION

Changes of benefit terms – There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation. The 2014 valuation includes Hybrid Retirement Plan for the first time. The hybrid plan applies to most new employees hired on or after January 1, 2014 and not covered by enhanced hazardous duty benefits. Because this was a new benefit and the number of participants was relatively small, the impact on the liabilities as of the measurement date of June 30, 2016 are not material.

Changes of assumptions – The following changes in actuarial assumptions were made for the VRS – State Employee Retirement Plan effective June 30, 2013 based on the most recent experience study of the System for the four-year period ending June 30, 2012:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of withdrawals for less than 10 years of service
- Decrease in rates of male disability retirement
- Reduce rates of salary increase by 0.25% per year

The following changes in actuarial assumptions were made for the VaLORS Retirement Plan effective June 30, 2013 based on the most recent experience study of the System for the four-year period ending June 30, 2012:

- Update mortality table
- Adjustments to the rates of service retirement
- Decrease in rates of withdrawals for females under 10 years of service
- Increase in rates of disability
- Decrease service related disability rate from 60% to 50%



Commonwealth of Virginia

Auditor of Public Accounts

Martha S. Mavredes, CPA Auditor of Public Accounts P.O. Box 1295 Richmond, Virginia 23218

April 27, 2018

The Honorable Ralph S. Northam Governor of Virginia

The Honorable Robert D. Orrock, Sr. Chairman, Joint Legislative Audit and Review Commission

Board of Visitors Virginia Military Institute

INDEPENDENT AUDITOR'S REPORT

Report on Financial Statements

We have audited the accompanying financial statements of the business-type activities and aggregate discretely presented component units of Virginia Military Institute, a component unit of the Commonwealth of Virginia, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise Virginia Military Institute's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We did not audit the financial statements of the aggregate discretely presented component units of the Institute, which are discussed in Notes 16 and 17. Those financial statements were audited by other auditors whose reports thereon have been furnished to us, and our opinion, insofar as it relates to the amounts included for the component units of the Institute is based on the reports of the other auditors.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in <u>Government Auditing Standards</u>, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The financial statements of the component units of the Institute that were audited by other auditors upon whose reports we are relying were audited in accordance with auditing standards generally accepted in the United States of America, but not in accordance with <u>Government Auditing Standards</u>.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall financial statement presentation.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a reasonable basis for our audit opinions.

Opinion

In our opinion, based on our audit and the reports of other auditors, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities and aggregate discretely presented component units of Virginia Military Institute as of June 30, 2017, and the respective changes in financial position and cash flows, where applicable, thereof for the year then ended, in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 1 through 9, the Schedule of Virginia Military Institute's Share of Net Pension Liability on page 57, the Schedule of Employer Contributions on page 58 and the Notes to the Required Supplementary Information on page 59 be presented to supplement the basic financial statements. Such information, 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 the 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 auditing standards generally accepted in the United States of America, 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 Reporting Required by Government Auditing Standards

In accordance with <u>Government Auditing Standards</u>, we have also issued our report dated April 27, 2018 on our consideration of Virginia Military Institute'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 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 internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with <u>Government Auditing Standards</u> in considering Virginia Military Institute's internal control over financial reporting and compliance.

Martha S. Martuch

AUDITOR OF PUBLIC ACCOUNTS

JQ/alh

VIRGINIA MILITARY INSTITUTE

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