

Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

(With Independent Auditors' Report Thereon)

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## Independent Auditors' Report

The Board of Trustees Vermont State Teachers' Retirement System:

We have audited the accompanying schedule of nonemployer allocations of the Vermont State Teachers' Retirement System Cost-Sharing Multiple Employer Defined Benefit Pension Plan (VSTRS) as of and for the year ended June 30, 2017, and the related notes. We have also audited the totals of the columns titled net pension liability, total deferred outflows of resources, and total pension expense (specified column totals) included in the accompanying schedule of collective pension amounts of VSTRS as of and for the year ended June 30, 2017, and the related notes.

#### Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of these schedules in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of the schedules that are free from material misstatement, whether due to fraud or error.

## Auditors' Responsibility

Our responsibility is to express opinions on the schedule of nonemployer allocations and the specified column totals included in the schedules of collective pension amounts based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of nonemployer allocations and specified column totals included in the schedule of collective pension amounts are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of nonemployer allocations and specified column totals included in the schedule of collective pension amounts. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the schedule of nonemployer allocations and specified column totals included in the schedule of collective pension amounts, 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 schedule of nonemployer allocations and specified collective pension amounts 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 presentation of the schedule of nonemployer allocations and specified column totals included in the schedule of collective pension amounts.

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



## Opinions

In our opinion, the schedules referred to above present fairly, in all material respects, the nonemployer allocations, total net pension liability, total deferred outflows of resources, and total pension expense of the Vermont State Teachers Retirement System Cost-Sharing Multiple Employer Defined Benefit Pension Plan as of and for the year ended June 30, 2017, in accordance with U.S. generally accepted accounting principles.

#### Supplemental and Other Information

The supplemental schedule of nonemployer allocations for the special funding situation, the supplemental schedule of collective pension amounts for the special funding situation, and related notes have not been subject to the auditing procedures applied in the audit of the schedule of nonemployer allocations and the schedule of collective pension amounts and accordingly, we do not express an opinion or provide any assurance on them.

#### Restriction on Use

Our report is intended solely for the information and use of VSTRS management, VSTRS Board of Trustees, VSTRS employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.



Colchester, Vermont April 26, 2018

Vt. Reg. No. 92-0000241

Schedule of Nonemployer Allocations

Year ended June 30, 2017

Nonemployer	 Nonemployer contributions	Proportionate share
State of Vermont	\$ 78,663,674	100.00 %

See accompanying notes to schedule of nonemployer allocations and schedule of collective pension amounts.

Schedule of Collective Pension Amounts

Year ended June 30, 2017

		Deferred outflows of resources			Deferred inflow	s of resources		
				Differences				
		Differences		between				
		between		projected	Total		Total	
		expected		and actual	deferred		deferred	Total
	Net pension	and actual	Changes in	investment	outflows of	Changes in	inflows of	pension
Nonemployer	liability	experience	assumptions	earnings	resources	assumptions	resources	expense
State of Vermont	\$ 1,482,403,515	16,199,487	153,758,911	62,284,928	232,243,326	(3,611,913)	(3,611,913)	185,531,815

See accompanying notes to schedule of nonemployer allocations and schedule of collective pension amounts.

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

## (1) Plan Description

The Vermont State Teachers' Retirement System (VSTRS or the System) is a cost-sharing, multiple-employer defined benefit pension plan with a special funding situation. It covers nearly all public day school and nonsectarian private high school teachers and administrators as well as teachers in schools and teacher training institutions within and supported by the State that are controlled by the State Board of Education. Membership in the system for those covered classes is a condition of employment. During the year ended June 30, 2017, the retirement system consisted of 266 participating employers.

The plan was created in 1947, and is governed by Title 16, V.S.A. Chapter 55.

Management of the plan is vested in the VSTRS Board of Trustees, which consists of the Secretary of Education (ex-officio); the State Treasurer (ex-officio); the Commissioner of Financial Regulation (ex-officio); two trustees and one alternate who are members of the system (each elected by the system under rules adopted by the Board) and one trustee and one alternate who are retired members of the system receiving retirement benefits (who are elected by the Association of Retired Teachers of Vermont).

The Pension Plan is divided into the following membership groups:

- Group A for public school teachers employed within the State of Vermont prior to July 1, 1981 and elected to remain in Group A
- Groups C for public school teachers employed within the State of Vermont on or after July 1, 1990, or hired before July 1, 1990 and were a member of Group B at that time.

All assets are held in a single trust and are available to pay retirement benefits to all members. Benefits available to each group are based on average final compensation (AFC) and years of creditable service, and are summarized below:

VSTRS	Group A	Group C – Group # 1*	Group C – Group # 2 ++
Normal service retirement eligibility (no reduction)	Age 60 or with 30 years of service	Age 62 or with 30 years of service	Age 65 or when the sum of age and service equals 90
Average Final Compensation (AFC)	Highest 3 consecutive years, including unused annual leave, sick leave, and bonus/incentives	Highest 3 consecutive years, excluding all payments for anything other than service actually performed	Highest 3 consecutive years, excluding all payments for anything other than service actually performed

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

VSTRS	Group A	Group C – Group # 1*	Group C – Group # 2 ++
Benefit formula – normal service retirement	1.67% x creditable service x AFC	1.25% x service prior to 6/30/90 x AFC + 1.67% x service after 7/1/90 x AFC	1.25% x service prior to 6/30/90 x AFC + 1.67% x service after 7/1/90 x AFC, 2.0% x AFC after attaining 20 years
Maximum Benefit Payable	100% of AFC	53.34% of AFC	60% of AFC
Post-Retirement COLA	Full CPI, up to a maximum of 5% after 12 months of retirement; minimum of 1%	50% CPI, up to a maximum of 5% after 12 months of retirement or with 30 years; minimum of 1%	50% CPI, up to a maximum of 5%; minimum of 1% after 12 months of normal retirement or age 65
Early Retirement Eligibility	Age 55 with 5 years of service	Age 55 with 5 years of service	Age 55 with 5 years of service
Early Retirement Reduction	Actuarial reduction	6% per year from age 62	Actuarial reduction
Disability Benefit	Unreduced, accrued benefit with minimum of 25% of AFC	Unreduced, accrued benefit with minimum of 25% of AFC	Unreduced, accrued benefit with minimum of 25% of AFC
Death-in-Service Benefit	Disability benefit or early retirement benefit, whichever is greater, with 100% survivorship factor applied plus children's benefits up to maximum of three concurrently	Disability benefit or early retirement benefit, whichever is greater, with 100% survivorship factor applied plus children's benefits up to maximum of three concurrently	Disability benefit or early retirement benefit, whichever is greater, with 100% survivorship factor applied plus children's benefits up to maximum of three concurrently

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

- \* Group # 1 are members who were within 5 years of normal retirement (age 62 or 30 years of service) on June 30, 2010
- ++ Group # 2 are members who were less than 57 years of age or had less than 25 years of service on June 30, 2010

Members of all groups may qualify for vested deferred allowance, disability allowances and death benefit allowances subject to meeting various eligibility requirements. Benefits are based on AFC and service.

#### (2) Basis of Presentation

The schedule of nonemployer allocations and schedule of collective pension amounts (the Schedules) present amounts that are elements of the financial statements of VSTRS or of the State of Vermont as the nonemployer entity. Accordingly, they do not purport to be a complete presentation of the net position or changes in net position of VSTRS or the State of Vermont. The amounts presented in the Schedules are prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of VSTRS to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature and uncertainty of these estimates, actual results may differ from those entities.

#### (3) Contributions

Title 16, V.S.A. Chapter 55 of Vermont Statutes grants the authority to the Board of Trustees of the VSTRS to annually review the amount of State contributions recommended by the actuary of VSTRS in order to achieve and preserve the financial integrity of the fund, and submit this recommendation to the Governor and both houses of the Legislature. Nonemployer contribution rates for each group varies based on actuarial recommendations.

#### (4) Collective Net Pension Liability

The components of the collective net pension liability as of June 30, 2017 are as follows:

Total pension liability	\$	3,220,961,089
Less plan fiduciary net pension	-	(1,738,557,574)
Net pension liability	\$	1,482,403,515

#### (a) Actuarial Assumptions

The total pension liability for the June 30, 2017 measurement date was determined by an actuarial valuation as of June 30, 2016 with update procedures used to roll forward the total pension liability to June 30, 2017. This actuarial valuation used the following actuarial assumptions:

Discount Rate: 7.50%

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

Salary Increases:	Representative values of the assumed annual rates of future salary increase are as follows:				
	Age	Annual rate of salary increase			
	25	7.78 %			
	30	6.47			
	35	5.60			
	40	4.92			
	45	4.43			
	50	4.09			
	55	3.85			
	60	3.75			
Inflation:	2.50%				
Cost of Living Adjustr		nuary 1 following one year of retirement at the for Group A members and 1.40% per			

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of 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.

members who elect reduced early retirement).

annum for Group C members (beginning at age 62 for Group C

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

Best estimates of arithmetic rates of return for each major asset class included in the target asset allocation as of June 30, 2017 are summarized in the following table:

Asset class	Target asset allocation	Long-term expected Real rate of return 2017
US Equity	16.00 %	6.07 %
Non-US Equity	16.00	7.42
Global Equity	9.00	6.85
Fixed Income	24.00	2.41
Real estate	8.00	4.62
Private markets	15.00	7.80
Hedge Funds	8.00	3.95
Risk Parity	4.00	4.84
Total	100.00 %	

Nominal long-term expected rates of return for these asset classes are equal to the sum of the above expected long-term real rates and the expected long-term inflation rate of 2.50%.

## (b) Discount Rate

The discount rate used to measure the total pension liability was 7.50%. In accordance with paragraph 29 of GASB 68, professional judgement was applied to determine that the System's projected fiduciary net position exceeds projected benefit payments for current active and inactive members for all years. The analysis was based on the expectation that employers will continue to contribute at rates set by the Board, which exceed the actuarially determined contribution rate. The actuarially determined contribution rate is comprised of an employer normal cost payment and a payment to reduce the unfunded liability to zero by June 30, 2038. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

## (c) Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability, calculated using the discount rate of 7.50%, as well as what the System's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.50%) or one percentage point higher (8.50%) than the current rate:

	Current			
	1% Decrease (6.50%)	discount rate (7.50%)	1% Increase (8.50%)	
Net pension liability	\$ 1,836,911,440	1,482,403,515	1,186,516,382	

## (5) Special Funding Situation

The employer contributions for member employers are required by statute to be made by the State on behalf of those member employers. Therefore, these employers are considered to be in a special funding situation as defined in GASB No. 68 and the State is treated as a nonemployer contributing entity in VSTRS. Since the member employers do not contribute directly to VSTRS, there is no net pension liability or deferred inflows or outflows to report in the financial statements of the participating employers. However, the notes to the financial statements of the member employers must disclose the portion of the State's total proportionate share of the collective net pension liability that is associated with each member employer. In addition, each member employer must recognize the pension expense associated with the member employer as well as revenue in an amount equal to the State's total proportionate share of the collective pension expense associated with each member employer.

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

## (6) Deferred Outflows and Deferred Inflows of Resources

The following table summarizes the changes in deferred outflows and deferred inflows of resources for the year ended June 30, 2017:

	Year of deferral	Amortization period	Balance July 1	Additions	Deletions	Balance June 30
Deferred outflow s (inflow s) of resources: Difference betw een expected						
and actual experience	2015 2016 2017	4 years 4 years 4 years	\$ 10,001,438 2,709,607 —	  12,523,150	(5,000,719) (903,202) (3,130,787)	5,000,719 1,806,405 9,392,363
			12,711,045	12,523,150	(9,034,708)	16,199,487
Changes of assumptions	2015 2017	4 years 4 years	28,744,305		(14,372,154) (46,462,253)	14,372,151 139,386,760
			28,744,305	185,849,013	(60,834,407)	153,758,911
Net difference betw een projected and actual						
earnings on investments	2014 2015 2016 2017	5 years 5 years 5 years 5 years	(46,831,277) 85,801,808 87,611,478		23,415,639 (28,600,603) (21,902,870) 9,302,311	(23,415,638) 57,201,205 65,708,608 (37,209,247)
			126,582,009	(46,511,558)	(17,785,523)	62,284,928
			\$	151,860,605	(87,654,638)	232,243,326
Deferred inflows of resources:						
Changes of assumptions	2016	4 years	\$ (5,417,869)		1,805,956	(3,611,913)

Notes to Schedule of Nonemployer Allocations and Schedule of Collective Pension Amounts

June 30, 2017

Amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized (amortized) in pension expense as follows:

	_	Deferred outflows	Deferred inflows
2018	\$	87,654,636	(1,805,956)
2019		91,697,404	(1,805,957)
2020		62,193,600	
2021		(9,302,314)	
Total	\$	232,243,326	(3,611,913)

## (7) Collective Pension Expense

The components of pension expense for the year ended June 30, 2017 are as follows:

Component		Amount
Service cost	\$	35,383,372
Interest cost on total pension liability		228,938,418
Contributions – member		(36,142,411)
Projected earnings on plan investments		(126,655,056)
Administrative expense		2,214,233
Other		(4,055,423)
Recognition (amortization) of deferred outflows and inflows of resources:		
Difference between projected and actual earnings on plan investments		(9,302,311)
Difference between expected and actual experience		3,130,787
Change in assumptions		46,462,253
Recognition of prior years' deferred outflows of resources		47,363,909
Recognition of prior years' deferred inflows of resources	-	(1,805,956)
Total	\$	185,531,815

SUPPLEMENTAL INFORMATION (UNAUDITED) (SEE ACCOMPANYING INDEPENDENT AUDITORS' REPORT)

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name	 Reported salaries	Proportionate share
Addison Central SU	\$ 3,404,385	0.5152 %
Addison NE SU	2,352,155	0.3560
Addison Northwest SU	2,212,834	0.3349
Addison Rutland SU	2,351,512	0.3559
Addison School	500,908	0.0758
Albany School	538,778	0.0815
Alburg School	1,094,979	0.1657
Arlington School	3,558,194	0.5385
Austine School	_	_
Bakersfield School	739,927	0.1120
Barnard School	442,197	0.0669
Barnet School	1,239,566	0.1876
Barre City School	4,326,302	0.6547
Barre SU	3,315,574	0.5017
Barre Town School	3,680,247	0.5569
Barstow Joint	_	_
Barstow Unified USD	1,333,546	0.2018
Barton School	919,757	0.1392
Bellows Free Academy	7,270,165	1.1002
Bennington School	3,632,051	0.5496
Bennington-Rutland SU	3,012,121	0.4558
Benson School	459,632	0.0696
Berkshire School	838,899	0.1270
Berlin School	1,255,495	0.1900
Bethel School	1,825,370	0.2762
Blue Mtn Union #21	3,220,285	0.4873
Bolton School	_	_
Bradford School	1,314,078	0.1989
Braintree School	406,673	0.0615
Brandon Town School	_	_
Brattleboro Town School	4,696,673	0.7108
Brattleboro Union #6	7,169,394	1.0849
Bridgewater School	_	—
Bridport School	553,900	0.0838
Brighton School	634,775	0.0961
Bristol School	1,708,362	0.2585
Brookfield School	324,979	0.0492
Brownington School	576,522	0.0872
Burke School	1,131,971	0.1713
Burlington School	30,044,689	4.5467
Burr & Burton Seminary	5,141,130	0.7780
Cabot School	1,268,802	0.1920
Calais School	794,331	0.1202
Caledonia -Fed	1,182,408	0.1789
Caledonia North SU	1,917,115	0.2901

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name	 Reported salaries	Proportionate share
Cambridge School	\$ 1,668,695	0.2525 %
Canaan School	1,532,479	0.2319
Castleton/Hubbardton SD 42	1,849,924	0.2800
Cavendish School	593,876	0.0899
Champlain Valley Union #15	7,802,221	1.1807
Charleston School	731,194	0.1107
Charlotte School	2,639,781	0.3995
Chelsea School	1,169,603	0.1770
Chittenden Central SU	419,300	0.0635
Chittenden East SU	4,568,488	0.6914
Chittenden South SU	7,376,152	1.1162
Clarendon School	_	_
Colchester School	16,034,739	2.4265
Concord School	794,238	0.1202
Cornwall School	611,588	0.0926
Coventry School	669,504	0.1013
Craftsbury School	1,011,004	0.1530
Danville School	2,035,665	0.3081
Department Of Corrections	· · · —	_
Dept Of Education	162,765	0.0246
Dept Of Social & Rehab Serv	38,228	0.0058
Derby School	2,010,517	0.3043
Dorset School	1,224,206	0.1853
Dover School	632,757	0.0958
Dummerston School	1,145,883	0.1734
East Montpelier School	1,319,883	0.1997
Eden School	810,789	0.1227
Elmore Morristown Unified USD	4,844,589	0.7331
Elmore School	· · · —	_
Enosburg School	3,912,941	0.5921
Essex Caledonia SU	1,244,804	0.1884
Essex Comm. Ed # 46	13,452,828	2.0358
Essex Jct Id School	8,363,828	1.2657
Essex Town School	10,202,102	1.5439
Fair Haven School	1,823,340	0.2759
Fair Haven Union #16	2,650,161	0.4011
Fairfax School	4,391,886	0.6646
Fairfield School	1,236,852	0.1872
Fayston School	751,173	0.1137
Ferrisburg School	1,035,039	0.1566
Fletcher School	834,717	0.1263
Franklin Ctl SU – Spec Ed	4,778,441	0.7231
Franklin Esea	2,595,762	0.3928
Franklin NW SU	3,496,829	0.5292
Franklin School	557,248	0.0843
	501,240	0.0070

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name	Reported salaries	Proportionate share
Franklin West SU \$	1,890,976	0.2862 %
Georgia School	3,525,502	0.5335
Glover School	633,720	0.0959
Grafton School	556,898	0.0843
Grand Isle School	1,122,533	0.1699
Grand Isle SU	1,085,803	0.1643
Green Mtn Uhs Union #35	2,008,193	0.3039
Guildhall School	_	_
Guilford School	905,841	0.1371
Halifax School	284,665	0.0431
Hannaford Regional Tech SD	1,370,431	0.2074
Hardwick School	1,217,044	0.1842
Hartford School	14,756,056	2.2330
Hartland School	1,765,874	0.2672
Harwood Union #19	4,524,473	0.6847
Hazen Union #26	2,078,582	0.3146
Highgate School	1,797,579	0.2720
Hinesburg School	2,966,979	0.4490
Holland School	276,665	0.0419
Huntington School	640,086	0.0969
Hyde Park School	1,114,260	0.1686
Irasburg School	674,837	0.1021
Isle Lamotte School	216,087	0.0327
Jamaica School	378,451	0.0573
Jay/Westfield School	499,529	0.0756
Jericho School	—	—
Johnson School	1,212,867	0.1835
Lake Region Uhs #24	2,078,826	0.3146
Lakeview Uhs #43	447,907	0.0678
Lamoille North SU	2,102,581	0.3182
Lamoille So SU	1,923,009	0.2910
Lamoille Uhs #18	5,333,974	0.8072
Leicester School		
Leland & Gray Union #34	2,229,210	0.3373
Lincoln School	719,563	0.1089
	709,040	0.1073
Ludlow School	767,394	0.1161
Lunenburg School	554,677	0.0839
Lyndon Institute	2,670,978	0.4042
Lyndon Town School	2,438,918	0.3691
Manchester School Marlboro School	2,542,986 666,769	0.3848 0.1009
Manboro School Middlebury Id School	2,335,995	0.3535
Middlebury Union #3	2,335,995 5,813,004	0.3535
Middlebury Onion #3	1,048,873	0.8797
	1,040,073	0.1007

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name		Reported salaries	Proportionate share
Middletown Springs School	\$	431,309	0.0653 %
Mill River Unified USD	Ŧ	7,384,936	1.1176
Milton School		11,403,433	1.7257
Missisquoi Valley Union #7		4,895,942	0.7409
Monkton School		899,093	0.1361
Montgomery School		577,973	0.0875
Montpelier School		7,532,779	1.1399
Moretown School		801,424	0.1213
Morristown School			_
Mountain Towns Regional SD		1,763,222	0.2668
Mt Abraham Union #28		4,432,801	0.6708
Mt Anthony Union #14		7,837,086	1.1860
Mt Holly School		632,284	0.0957
Mt Mansfield Uhs #17		,	_
Mt. Mansfield		13,522,605	2.0464
New Haven School		638,771	0.0967
Newark School		382,665	0.0579
Newbrook Elementary School		594,520	0.0900
Newbury School		736,014	0.1114
Newport City School		1,791,829	0.2712
Newport Town School		662,396	0.1002
No Bennington Id School		_	_
North Country Union #22		6,502,109	0.9840
North Hero School		317,906	0.0481
Northfield School		3,272,780	0.4953
Norwich School		2,470,483	0.3739
Orange East SU		1,426,179	0.2158
Orange North S. U.		1,150,197	0.1741
Orange School		655,539	0.0992
Orange SW SU		1,695,709	0.2566
Orleans Central SU		1,728,339	0.2616
Orleans Essex N SU		4,043,540	0.6119
Orleans Id School		578,504	0.0875
Orleans SW SU		2,252,664	0.3409
Orwell School		648,165	0.0981
Otter Valley Unified USD		7,328,705	1.1091
Otter Valley Union #8		_	—
Ox Bow Union #30		2,905,022	0.4396
Peacham School		390,321	0.0591
Pittsford School		_	—
Pomfret School		—	—
Poultney School		2,477,003	0.3748
Pownal School		1,355,128	0.2051
Proctor School		1,740,770	0.2634
Prosper Valley School		612,838	0.0927

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name	Reported salaries	Proportionate share
Putney School \$	1,197,650	0.1812 %
Randolph School	1,437,059	0.2175
Reading School	365,528	0.0553
Readsboro School	354,738	0.0537
Richford School	2,101,291	0.3180
Richmond School	_	_
Ripton School	332,903	0.0504
Rivendell Interstate School	2,728,007	0.4128
River Valley Technical Center	1,429,020	0.2163
Rochester School	1,058,882	0.1602
Rockingham School	3,120,153	0.4722
Roxbury School	330,076	0.0500
Royalton School	2,022,166	0.3060
Rutland Central SU	1,911,414	0.2893
Rutland City School	17,062,732	2.5821
Rutland Northeast SU	3,069,010	0.4644
Rutland South SU	_	_
Rutland South West SU	1,161,723	0.1758
Rutland Town School	2,027,706	0.3069
Rutland Windsor SU	_	_
Salisbury School	763,566	0.1156
Shaftsbury School	1,176,784	0.1781
Sharon School	809,870	0.1226
Shelburne School	4,385,352	0.6636
Sheldon School	1,506,987	0.2281
Sherburne School	692,909	0.1049
Shoreham School	571,715	0.0865
Shrewsbury School	_	_
South Burlington School	21,198,114	3.2079
South Hero School	764,939	0.1158
Southwest Vt Regional Tech SD	1,129,947	0.1710
Southwest Vt SU	5,871,380	0.8885
Southwest Vt SU – Title I	1,702,535	0.2576
Spaulding Uhs	4,751,843	0.7191
Springfield School	9,219,374	1.3952
St Albans City School	4,306,550	0.6517
St Albans Town School	3,958,325	0.5990
St Johnsbury Academy	5,575,080	0.8437
St Johnsbury School	4,813,088	0.7284
Stamford School	359,730	0.0544
Starksboro School	1,087,904	0.1646
Stockbridge School	328,149	0.0497
Stowe School	4,583,619	0.6936
Strafford School	736,753	0.1115
Sudbury School	—	—

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

Employer name		Reported salaries	Proportionate share
Sunderland School	\$	511,719	0.0774 %
Sutton School	Ť	599,910	0.0908
Swanton School		2,850,971	0.4314
Thetford Academy		2,509,617	0.3798
Thetford School		1,585,119	0.2399
Tinmouth School		_	_
Townshend School		446,564	0.0676
Troy School		975,702	0.1477
Tunbridge School		837,473	0.1267
Twin Valley School District		3,271,647	0.4951
Twinfield Union #33		2,568,637	0.3887
Two Rivers SU		2,170,931	0.3285
Underhill Id School			—
Underhill Town School			—
Union #23		605,888	0.0917
Union #27		2,117,421	0.3204
Union #29		1,188,931	0.1799
Union #32		4,773,380	0.7224
Union #36		1,597,623	0.2418
Union #37		620,921	0.0940
Union #39		1,146,814	0.1735
Union #40			—
Union 22 Dresden		5,547,102	0.8394
Union District #47		1,133,107	0.1715
Union High #2		3,540,429	0.5358
Vac School		178,932	0.0271
Vergennes School		1,291,411	0.1954
Vergennes Union #5		2,586,857	0.3915
Vernon School		1,088,248	0.1647
Waitsfield School		875,273	0.1325
Walden School		540,997	0.0819
Wallingford School			
Wardsboro School		303,996	0.0460
Warren School		930,442	0.1408
Washington Central SU		2,409,752	0.3647
Washington NE SU		928,944	0.1406
Washington School		522,709	0.0791
Washington So SU		836,862	0.1266
Washington West SU		2,891,058	0.4375
Waterbury/Duxbury School		3,950,789	0.5979
Waterford School		682,389	0.1033
Waterville School		480,288	0.0727
Weathersfield School		1,212,680	0.1835
Wells School		583,038	0.0882
West Rutland School		2,176,516	0.3294

Unaudited – Supplemental Schedule of Nonemployer Allocations for Special Funding Situation

# Year ended June 30, 2017

Employer name		Reported salaries	Proportionate share
West Windsor School	\$	556,767	0.0843 %
Westford School	Ŧ	1,432,231	0.2167
Westminster School		1,151,328	0.1742
Weybridge School		424,316	0.0642
Whit/Wilm Joint Fiscal SD		_	_
White River Valley SU		1,614,480	0.2443
Whiting School		_	_
Whitingham School		_	_
Williamstown Elem School		1,053,934	0.1595
Williamstown High School		1,431,290	0.2166
Williston School		6,154,292	0.9313
Wilmington School		_	_
Windham Central		1,780,470	0.2694
Windham NE SU		3,341,425	0.5057
Windham School		132,010	0.0200
Windham SE SU		4,734,328	0.7164
Windham SW SU		1,226,532	0.1856
Windsor Central SU		1,345,039	0.2035
Windsor NW SU		_	_
Windsor School		2,891,312	0.4375
Windsor SE SU		1,438,243	0.2177
Windsor SW SU		_	_
Winooski School		6,886,619	1.0422
Wolcott School		668,711	0.1012
Woodbury School		212,797	0.0322
Woodford School		203,407	0.0308
Woodstock School		1,167,639	0.1767
Woodstock Union #4		3,559,193	0.5386
Worcester School	-	545,659	0.0826
Total	\$_	660,804,998	1.0000 %

See accompanying notes to supplemental schedules.

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Employer name	Net pension liability	Total employer pension expense
Addison Central SU	\$ 7,637,158	1,534,396
Addison NE SU	5,276,659	1,388,401
Addison Northwest SU	4,964,116	1,177,198
Addison Rutland SU	5,275,217	1,132,421
Addison School	1,123,702	55,459
Albany School	1,208,657	171,761
Alburg School	2,456,399	176,568
Arlington School	7,982,202	1,401,436
Austine School		(609,878)
Bakersfield School	1,659,900	244,415
Barnard School	991,994	96,518
Barnet School	2,780,755	283,880
Barre City School	9,705,322	980,575
Barre SU	7,437,926	2,192,690
Barre Town School	8,256,008	661,555
Barstow Joint		(659,875)
Barstow Unified USD	2,991,583	953,046
Barton School	2,063,318	250,223
Bellows Free Academy	16,309,377	1,200,312
Bennington School	8,147,888	908,001
Bennington-Rutland SU	6,757,181	1,782,277
Benson School	1,031,106	72,671
Berkshire School	1,881,927	290,456
Berlin School	2,816,489	252,231
Bethel School	4,094,907	593,116
Blue Mtn Union #21	7,224,161	979,196
Bolton School		(164,352)
Bradford School	2,947,910	392,418
Braintree School	912,302	76,445
Brandon Town School		(796,734)
Brattleboro Town School	10,536,186	1,024,249
Brattleboro Union #6	16,083,315	1,287,595
Bridgewater School		(104,560)
Bridport School	1,242,580	148,924
Brighton School	1,424,010	103,731
Bristol School	3,832,419	327,751
Brookfield School	729,035	(255)
Brownington School	1,293,329	150,781
Burke School	2,539,384	370,518
Burlington School	67,400,147	7,535,649
Burr & Burton Seminary	11,533,250	1,182,034
Cabot School	2,846,341	298,892
Calais School	1,781,946	243,199
Caledonia -Fed	2,652,531	582,776
Caledonia North SU	4,300,721	533,126
	7,000,721	000,120

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Employer name	Net pension liability	Total employer pension <u>expense</u>
Cambridge School	\$ 3,743,433	276,640
Canaan School	3,437,856	427,139
Castleton/Hubbardton SD 42	4,149,990	380,409
Cavendish School	1,332,260	126,181
Champlain Valley Union #15	17,502,955	1,687,144
Charleston School	1,640,309	212,669
Charlotte School	5,921,899	365,842
Chelsea School	2,623,805	334,808
Chittenden Central SU	940,628	70,422
Chittenden East SU	10,248,625	1,265,577
Chittenden South SU	16,547,141	4,400,602
Clarendon School		(599,329)
Colchester School	35,971,209	4,692,104
Concord School	1,781,738	69,882
Cornwall School	1,371,994	175,203
Coventry School	1,501,918	149,301
Craftsbury School	2,268,015	259,928
Danville School	4,566,668	466,836
Department Of Corrections	.,	(25,571)
Dept Of Education	365,136	24,664
Dept Of Social & Rehab Serv	85,758	(3,034)
Derby School	4,510,253	382,420
Dorset School	2,746,298	337,202
Dover School	1,419,483	184,340
Dummerston School	2,570,593	225,992
East Montpelier School	2,960,933	180,324
Eden School	1,818,867	88,404
Elmore Morristown Unified USD	10,868,011	3,462,285
Elmore School		(29,973)
Enosburg School	8,778,017	991,331
Essex Caledonia SU	2,792,506	752,828
Essex Comm. Ed # 46	30,179,129	3,411,881
Essex Jct Id School	18,762,824	2,307,057
Essex Town School	22,886,679	2,811,964
Fair Haven School	4,090,353	280,374
Fair Haven Union #16	5,945,185	564,578
Fairfax School	9,852,449	853,876
Fairfield School	2,774,667	195,846
Fayston School	1,685,129	145,234
Ferrisburg School	2,321,934	181,476
Fletcher School	1,872,545	304,072
Franklin Ctl SU – Spec Ed	10,719,619	2,868,541
Franklin Esea	5,823,150	1,332,771
Franklin NW SU	7,844,541	1,918,682
Franklin School	1,250,091	101,956

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Employer name	Net pension liability	Total employer pension expense
Franklin West SU	\$ 4,242,083	1,026,230
Georgia School	7,908,864	
Glover School	1,421,643	-
Grafton School	1,249,306	-
Grand Isle School	2,518,212	-
Grand Isle SU	2,435,814	
Green Mtn Uhs Union #35	4,505,039	
Guildhall School	4,005,039	(63,183)
Guilford School	 2,032,100	· · · · · ·
Halifax School		-
	638,597	-
Hannaford Regional Tech SD	3,074,329	
Hardwick School	2,730,231	180,896
Hartford School	33,102,702	
Hartland School	3,961,438	
Harwood Union #19	10,149,885	
Hazen Union #26	4,662,945	
Highgate School	4,032,562	
Hinesburg School	6,655,912	
Holland School	620,651	29,216
Huntington School	1,435,924	189,926
Hyde Park School	2,499,653	107,173
Irasburg School	1,513,882	205,762
Isle Lamotte School	484,754	24,019
Jamaica School	848,990	104,896
Jay/Westfield School	1,120,608	76,822
Jericho School	_	(583,856)
Johnson School	2,720,861	235,827
Lake Region Uhs #24	4,663,492	536,731
Lakeview Uhs #43	1,004,803	
Lamoille North SU	4,716,783	-
Lamoille So SU	4,313,943	
Lamoille Uhs #18	11,965,863	
Leicester School		(137,473)
Leland & Gray Union #34	5,000,853	
Lincoln School	1,614,217	
Lowell School	1,590,611	267,352
Ludlow School	1,721,518	
Lunenburg School	1,244,323	
Lyndon Institute	5,991,884	
Lyndon Town School	5,471,297	
Manchester School	5,704,756	
Marlboro School	1,495,783	
Middlebury Id School	5,240,407	
Middlebury Union #3	13,040,485	
Middlesex School	2,352,968	
Middletown Springs School	967,568	106,514

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Employer name	Net pension liability	Total employer pension expense
Mill River Unified USD	\$ 16,566,847	5,277,796
Milton School	25,581,661	3,566,997
Missisquoi Valley Union #7	10,983,212	998,935
Monkton School	2,016,962	293,826
Montgomery School	1,296,584	158,651
Montpelier School	16,898,507	2,549,749
Moretown School	1,797,858	180,483
Morristown School	1,797,000	(2,209,294)
Mountain Towns Regional SD	3,955,488	1,163,681
Mt Abraham Union #28	9,944,234	531,065
Mt Anthony Union #14	17,581,168	1,856,807
Mt Holly School	1,418,422	91,987
Mt Mansfield Uhs #17	1,410,422	(3,603,449)
Mt. Mansfield	30,335,662	9,342,407
New Haven School	1,432,974	9,342,407 86,341
Newark School	858,444	187,772
Newbrook Elementary School	1,333,704	129,642
Newbury School	1,651,122	86,895
Newport City School	4,019,663	429,813
Newport Town School	1,485,973	109,552
No Bennington Id School	1,465,975	(55,507)
•	14 596 275	· · · · ·
North Country Union #22 North Hero School	14,586,375 713,168	946,008
Northfield School	7,341,925	47,760 669,136
Norwich School	5,542,108	693,063
Orange East SU	3,199,390	784,542
Orange North S. U.	2,580,271	606,374
-	1,470,590	
Orange School Orange SW SU	3,804,034	165,502
Orleans Central SU	3,804,034 3,877,234	829,942 525,558
Orleans Essex N SU		
Orleans Id School	9,070,994	2,030,901
Orleans SW SU	1,297,775	145,246
Orwell School	5,053,468	765,459
	1,454,048	241,672
Otter Valley Unified USD	16,440,702	5,237,609
Otter Valley Union #8	 6 516 022	(1,430,292)
Ox Bow Union #30	6,516,922	640,395
Peacham School	875,619	135,760
Pittsford School	—	(605,325)
Pomfret School		(196,377)
Poultney School	5,556,735	487,050
Pownal School	3,039,999	352,605
Proctor School	3,905,121	267,693
Prosper Valley School	1,374,798	425,119
Putney School	2,686,724	219,866

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Total employer pension expense	Net pension liability	Employer name
269,395	\$ 3,223,797	Randolph School
122,475	820,000	Reading School
88,496	795,794	Readsboro School
623,765	4,713,889	Richford School
(567,456)		Richmond School
100,777	746,811	Ripton School
904,993	6,119,819	Rivendell Interstate School
345,967	3,205,763	River Valley Technical Center
313,163	2,375,421	Rochester School
564,571	6,999,532	Rockingham School
121,921	740,469	Roxbury School
597,407	4,536,385	Royalton School
1,074,824	4,287,932	Rutland Central SU
4,198,252	38,277,336	Rutland City School
778,652	6,884,801	Rutland Northeast SU
(288,851)	· · · _	Rutland South SU
512,065	2,606,128	Rutland South West SU
416,468	4,548,813	Rutland Town School
(7,258)	· · · _	Rutland Windsor SU
233,042	1,712,930	Salisbury School
414,091	2,639,915	Shaftsbury School
273,025	1,816,805	Sharon School
956,816	9,837,791	Shelburne School
393,441	3,380,669	Sheldon School
185,646	1,554,423	Sherburne School
165,376	1,282,545	Shoreham School
(228,068)	· · · _	Shrewsbury School
6,177,798	47,554,360	South Burlington School
179,371	1,716,010	South Hero School
228,759	2,534,844	Southwest Vt Regional Tech SD
1,779,738	13,171,441	Southwest Vt SU
476,135	3,819,347	Southwest Vt SU – Title I
976,554	10,659,951	Spaulding Uhs
2,074,995	20,682,096	Springfield School
794,511	9,661,012	St Albans City School
944,705	8,879,828	St Albans Town School
1,204,668	12,506,743	St Johnsbury Academy
1,482,932	10,797,344	St Johnsbury School
51,134	806,993	Stamford School
266,116		Starksboro School
79,975		
1,196,772		-
262,819		
(64,564)	.,	
212,478	1.147.954	•
	2,440,527 736,146 10,282,569 1,652,780  1,147,954	

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Employer name	Net pension liability	Total employer pension expense
Sutton School	\$ 1,345,796	169,885
Swanton School	6,395,668	610,264
Thetford Academy	5,629,898	806,656
Thetford School	3,555,945	473,298
Tinmouth School		(122,467)
Townshend School	1,001,790	100,661
Troy School	2,188,821	195,128
Tunbridge School	1,878,728	289,262
Twin Valley School District	7,339,383	2,268,520
Twinfield Union #33	5,762,300	577,873
Two Rivers SU	4,870,114	1,478,339
Underhill Id School	.,	(269,719)
Underhill Town School	_	(335,486)
Union #23	1,359,207	106,573
Union #27	4,750,074	266,839
Union #29	2,667,164	280,215
Union #32	10,708,265	1,122,191
Union #36	3,583,995	492,992
Union #37	1,392,931	177,787
Union #39	2,572,682	187,981
Union #40		(1,674,662)
Union 22 Dresden	12,443,979	1,871,169
Union District #47	2,541,933	166,889
Union High #2	7,942,350	860,563
Vac School	401,403	4,253
Vergennes School	2,897,061	279,437
Vergennes Union #5	5,803,173	374,343
Vernon School	2,441,299	210,755
Waitsfield School	1,963,526	141,842
Walden School	1,213,635	69,860
Wallingford School		(479,285)
Wardsboro School	681,963	35,315
Warren School	2,087,288	124,050
Washington Central SU	5,405,868	1,457,331
Washington NE SU	2,083,928	496,259
Washington School	1,172,609	102,426
Washington So SU	1,877,357	538,464
Washington West SU	6,485,596	1,888,798
Waterbury/Duxbury School	8,862,923	916,974
Waterford School	1,530,824	162,654
Waterville School	1,030,024	97,238
Weathersfield School	2,720,441	295,921
Wells School	1,307,946	141,412
West Rutland School	4,882,643	523,556
	4,002,043	525,550

Unaudited – Supplemental Schedule of Collective Pension Amounts for Special Funding Situation

Year ended June 30, 2017

Employer name		Net pension liability	Total employer pension expense
West Windsor School	\$	1,249,012	187,809
Westford School		3,212,966	405,938
Westminster School		2,582,808	169,055
Weybridge School		951,881	110,556
Whit/Wilm Joint Fiscal SD		_	(1,037,726)
White River Valley SU		3,621,811	665,521
Whiting School		_	(85,243)
Whitingham School		_	(102,140)
Williamstown Elem School		2,364,322	270,539
Williamstown High School		3,210,855	334,757
Williston School		13,806,106	851,193
Wilmington School		—	(371,713)
Windham Central		3,994,181	571,621
Windham NE SU		7,495,918	1,763,203
Windham School		296,142	40,112
Windham SE SU		10,620,659	2,192,683
Windham SW SU		2,751,516	609,343
Windsor Central SU		3,017,366	702,825
Windsor NW SU		—	(390,485)
Windsor School		6,486,166	880,835
Windsor SE SU		3,226,453	851,703
Windsor SW SU		—	(31,608)
Winooski School		15,448,957	2,494,024
Wolcott School		1,500,139	153,352
Woodbury School		477,374	60,296
Woodford School		456,309	61,050
Woodstock School		2,619,399	201,471
Woodstock Union #4		7,984,444	601,824
Worcester School	-	1,224,093	94,414
Total	\$ =	1,482,403,515	185,531,815

See accompanying notes to supplemental schedules.

Unaudited – Notes to Supplemental Schedules

June 30, 2017

## (1) Schedule of Nonemployer Allocations for Special Funding Situation

The Supplemental Schedule of Nonemployer Allocations for Special Funding Situation shows the reported salaries for each employer which was the basis for allocating each employer's proportionate share of pension expense in the Supplemental Schedule of Collective Pension Amounts for Special Funding Situation.

#### (2) Schedule of Collective Pension Amounts for Special Funding Situation

The State of Vermont's proportionate share of the net pension liability associated with each employer is equal to the collective net pension liability multiplied by the employer's proportionate share percentage for the fiscal year ending June 30, 2017, as shown in the Supplemental Schedule of Nonemployer Allocations for Special Funding Situation.

## Employer Pension Expense and Revenue for State of Vermont Support

Employers in a special funding situation are required to recognize pension expense and revenue for the support provided by the nonemployer contributing entity (the State of Vermont). All employers in VSTRS are special funding situations with employer contributions paid by the State of Vermont. The amount reported in the Total Employer Pension Expense column are calculated for each participating employer by multiplying their collective pension expense by the allocation percentage shown in the Supplemental Schedule of Nonemployer Allocations for Special Funding Situation.