

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

Schedule of Nonemployer Allocations and
Schedule of Collective Pension Amounts

June 30, 2016

(With Independent Auditors' Report Thereon)



KPMG LLP
Two Financial Center
60 South Street
Boston, MA 02111

Independent Auditors' Report

Mr. Thomas G. Shack III, Comptroller
Commonwealth of Massachusetts:

We have audited the accompanying schedule of nonemployer allocations of the Massachusetts Teachers' Retirement System (MTRS) as of and for the year ended June 30, 2016, and the related notes. We have also audited the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total nonemployer pension expense (specified column totals) included in the accompanying schedule of collective pension amounts of MTRS as of and for the year ended June 30, 2016, 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 control 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 schedule 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 the 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 the 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 the 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 the specified column totals included in the schedule of 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 the 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, net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total nonemployer pension expense for MTRS as of and for the year ended June 30, 2016, in accordance with U.S. generally accepted accounting principles.

Supplemental Information

The supplemental schedule of employer allocations of special funding amounts, the supplemental schedule of special funding amounts by employer, 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 information and use of MTRS management and its board, MTRS employers and their auditors, and the Commonwealth of Massachusetts, and is not intended to be and should not be used by anyone other than these specified parties.

KPMG LLP

Boston, Massachusetts
May 2, 2017

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF NONEMPLOYER ALLOCATIONS

As of and for the fiscal year ended June 30, 2016

<u>Nonemployer</u>	<u>Nonemployer Contributions</u>	<u>Allocation Percentage</u>
Commonwealth of Massachusetts.....	<u>\$ 1,124,583,000</u>	<u>100.00000%</u>

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

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

SCHEDULE OF COLLECTIVE PENSION AMOUNTS

As of and for the fiscal year ended June 30, 2016

Nonemployer	Net Pension Liability	Deferred Outflows of Resources				Deferred Inflows of Resources		Pension Expense
		Differences Between Expected and Actual Experience	Net Differences Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources	Total Nonemployer Pension Expense
Commonwealth of Massachusetts.....	\$ 22,357,928,000	\$ 103,645,161	\$ 978,282,400	\$ 2,141,336,859	\$ 3,223,264,420	\$ 62,085,484	\$ 62,085,484	\$ 2,280,655,227

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

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

Notes to Schedule of Nonemployer Allocations and

Schedule of Collective Pension Amounts

June 30, 2016

NOTE 1 - PLAN DESCRIPTION

The Massachusetts Teachers' Retirement System (MTRS) is a public employee retirement system (PERS) that administers a cost-sharing multiple employer defined benefit pension plan, as defined in Governmental Accounting Standards Board (GASB) Statement No. 67, *Financial Reporting for Pension Plans*. MTRS is managed by the Commonwealth on behalf of municipal teachers and municipal teacher retirees. The Commonwealth is a nonemployer contributing entity and is responsible for all contributions and future benefit requirements of the MTRS. The MTRS covers certified teachers in cities (except Boston), towns, regional school districts, charter schools, educational collaboratives and Quincy College. The MTRS is part of the Commonwealth's reporting entity and does not issue a stand-alone audited financial report.

Management of MTRS is vested in the Massachusetts Teachers' Retirement Board (MTRB), which consists of seven members—two elected by the MTRS members, one who is chosen by the six other MTRB members, the State Treasurer (or their designee), the State Auditor (or their designee), a member appointed by the Governor, and the Commissioner of Education (or their designee), who serves ex-officio as the Chairman of the MTRB.

Benefits provided. MTRS provides retirement, disability, survivor and death benefits to members and their beneficiaries. Massachusetts General Laws (MGL) establishes uniform benefit and contribution requirements for all contributory PERS. These requirements provide for superannuation retirement allowance benefits up to a maximum of 80% of a member's highest three-year average annual rate of regular compensation. For employees hired after April 1, 2012, retirement allowances are calculated on the basis of the last five years or any five consecutive years, whichever is greater in terms of compensation. Benefit payments are based upon a member's age, length of creditable service, group creditable service, and group classification. The authority for amending these provisions rests with the Legislature.

Members become vested after ten years of creditable service. A superannuation retirement allowance may be received upon the completion of 20 years of creditable service or upon reaching the age of 55 with ten years of service. Normal retirement for most employees occurs at age 65. Most employees who joined the system after April 1, 2012 cannot retire prior to age 60.

The MTRS' funding policies have been established by Chapter 32 of the MGL. The Legislature has the authority to amend these policies. The annuity portion of the MTRS retirement allowance is funded by employees, who contribute a percentage of their regular compensation. Costs of administering the plan are funded out of plan assets.

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
Notes to Schedule of Nonemployer Allocations and
Schedule of Collective Pension Amounts
June 30, 2016

Member contributions for MTRS vary depending on the most recent date of membership:

Hire Date	% of Compensation
Prior to 1975.....	5% of regular compensation
1975 - 1983.....	7% of regular compensation
1984 to 6/30/1996.....	8% of regular compensation
7/1/1996 to present.....	9% of regular compensation
7/1/2001 to present.....	11% of regular compensation (for teachers hired after 7/1/01 and those accepting provisions of Chapter 114 of the Acts of 2000)
1979 to present.....	An additional 2% of regular compensation in excess of \$30,000

NOTE 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 the MTRS and the Commonwealth of Massachusetts as the nonemployer entity. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of the MTRS or the Commonwealth of Massachusetts. The amounts presented in the Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of the MTRS to make a number of estimates and assumptions related to the reported amounts. Actual results could differ from those estimates.

NOTE 3 - COLLECTIVE NET PENSION LIABILITY

The collective net pension liability at June 30, 2016 was as follows (amounts in thousands):

Total pension liability.....	\$ 47,300,000
Less:	
Plan fiduciary net position.....	<u>24,942,072</u>
Net pension liability.....	<u>\$ 22,357,928</u>
Plan fiduciary net position as a percentage of total pension liability.....	<u>52.73%</u>

Actuarial Assumptions

The total pension liability for the June 30, 2016 measurement date was determined by an actuarial valuation as of January 1, 2016 rolled forward to June 30, 2016. This valuation used the following assumptions:

1. (a) 7.50% investment rate of return, (b) 3.50% interest rate credited to the annuity savings fund and (c) 3.00% cost of living increase on the first \$13,000 per year.

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

Notes to Schedule of Nonemployer Allocations and

Schedule of Collective Pension Amounts

June 30, 2016

2. Salary increases are based on analyses of past experience but range from 4.0% to 7.5% depending on length of service.
3. Mortality rates were as follows:
 - Pre-retirement - reflects RP-2014 Employees table projected generationally with Scale BB and a base year of 2014 (gender distinct).
 - Post-retirement - reflects RP-2014 Healthy Annuitant table projected generationally with Scale BB and a base year of 2014 (gender distinct).
 - Disability - assumed to be in accordance with the RP-2014 Healthy Annuitant Table projected generationally with Scale BB and a base year of 2014 set forward 4 years.
4. Experience study was performed as follows:
 - Dated July 21, 2014 and encompasses the period January 1, 2006 to December 31, 2011.

Investment assets of the MTRS are with the Pension Reserves Investment Trust (PRIT) Fund. 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 rates of return 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 rates of return by the target asset allocation percentage. Best estimates of geometric rates of return for each major asset class included in the PRIT Fund's target asset allocation as of June 30, 2016 are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Global Equity.....	40.0%	6.9%
Core Fixed Income.....	13.0%	1.6%
Private Equity.....	10.0%	8.7%
Real Estate.....	10.0%	4.6%
Value Added Fixed Income.....	10.0%	4.8%
Hedge Funds.....	9.0%	4.0%
Portfolio Completion Strategies...	4.0%	3.6%
Timber/Natural Resources.....	4.0%	5.4%
Total.....	<u>100.0%</u>	

Discount Rate

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rates and the Commonwealth's contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rates. Based on those assumptions,

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
Notes to Schedule of Nonemployer Allocations and
Schedule of Collective Pension Amounts
June 30, 2016

plan members. 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.

Sensitivity Analysis

The following illustrates the sensitivity of the collective net pension liability to changes in the discount rate as of June 30, 2016. In particular, the table presents the MTRS collective net pension liability assuming it was calculated using a single discount rate that is one-percentage-point lower or one-percentage-point higher than the current discount rate (amounts in thousands):

1% Decrease to 6.50%	Current Discount Rate 7.50%	1% Increase to 8.50%
\$ 27,464,000	\$ 22,357,928	\$ 18,022,000

NOTE 4 - SPECIAL FUNDING SITUATION

The Commonwealth is a nonemployer contributing entity and is required by statute to make all actuarially determined employer contributions on behalf of the member employers. Therefore, these employers are considered to be in a special funding situation as defined by GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* and the Commonwealth is a nonemployer contributing entity in MTRS. Since the employers do not contribute directly to MTRS, there is no net pension liability to recognize for each employer. However, the notes to the financial statements must disclose the portion of the nonemployer contributing entities' share of the collective net pension liability that is associated with the employer. In addition, each employer must recognize its portion of the collective pension expense as both a revenue and pension expense.

NOTE 5 - DEFERRED OUTFLOW AND INFLOW OF RESOURCES

The following table summarizes the changes in both deferred outflows and deferred inflows of resources (amounts in thousands):

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
Notes to Schedule of Nonemployer Allocations and
Schedule of Collective Pension Amounts
June 30, 2016

	Year of Deferral	Amortization Period	Balance July 1, 2015	Additions	Deletions	Balance June 30, 2016
Deferred Outflows of Resources:						
Difference between expected and actual experience.....	2015	6.2 years	\$ 128,323	\$ -	\$ (24,678)	\$ 103,645
Net difference between projected and actual earnings on plan investments.....	2014	5 years	(1,195,992)	-	398,664	(797,328)
	2015	5 years	860,819	-	(215,205)	645,614
	2016	5 years	-	1,412,495	(282,499)	1,129,996
Subtotal.....			(335,173)	1,412,495	(99,040)	978,282
Change of assumptions.....	2014	6.1 years	72,590	-	(17,705)	54,885
	2015	6.2 years	2,583,226	-	(496,774)	2,086,452
Subtotal.....			2,655,816	-	(514,479)	2,141,337
Total deferred outflows of resources.....			\$ 2,448,966	\$ 1,412,495	\$ (638,197)	\$ 3,223,264
Deferred Inflows of Resources:						
Difference between expected and actual experience.....	2016	6.2 years	\$ -	\$ (74,025)	\$ 11,940	\$ (62,085)

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

Fiscal Year Ending June 30	
2017.....	\$ 626,257
2018.....	626,257
2019.....	1,024,921
2020.....	793,781
2021.....	92,351
Thereafter.....	(2,388)
Total.....	\$ 3,161,179

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
Notes to Schedule of Nonemployer Allocations and
Schedule of Collective Pension Amounts
June 30, 2016

NOTE 6 - COLLECTIVE PENSION EXPENSE

The following table shows the components of pension expense as of June 30, 2016 (amounts in thousands):

Service cost.....	\$	843,800
Interest on the total pension liability.....		3,402,525
Employee contributions.....		(699,422)
Projected earnings on plan investments.....		(1,853,858)
Transfers and reimbursements from other systems.....		(53,271)
Member make up, redeposits and payments from rollovers.....		(26,160)
Other reimbursements.....		(2,931)
Administrative expense.....		24,220
Other changes.....		19,495
Recognition (amortization) of deferred outflows and inflows of resources:		
Differences between expected and actual experience.....		12,738
Differences between projected and actual earnings on plan investments.....		99,040
Changes of assumptions.....		514,479
Pension expense.....	\$	<u>2,280,655</u>

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

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0100-ABINGTON PUBLIC SCHOOLS.....	\$ 2,070,957	0.184153%
0110-ACTON-BOXBOROUGH REGIONAL SCHOOL.....	6,387,587	0.567996%
0115-ACUSHNET PUBLIC SCHOOLS.....	1,091,699	0.097076%
0120-ADAMS-CHESHIRE REGIONAL SCHOOLS.....	1,334,354	0.118653%
0125-AGAWAM PUBLIC SCHOOLS.....	4,945,728	0.439783%
0130-AMESBURY PUBLIC SCHOOLS.....	2,607,893	0.231899%
0135-AMHERST PUBLIC SCHOOLS.....	2,017,880	0.179434%
0140-AMHERST-PELHAM REGIONAL SCHOOL DISTRICT.....	2,086,059	0.185496%
0145-ANDOVER PUBLIC SCHOOLS.....	8,192,165	0.728462%
0150-ARLINGTON PUBLIC SCHOOLS.....	5,881,202	0.522967%
0160-ASHBURNHAM-WESTMINSTER REGIONAL SCHOOL.....	2,382,133	0.211824%
0170-ASHLAND PUBLIC SCHOOLS.....	3,094,548	0.275173%
0175-ASSABET VALLEY REGIONAL VOCATIONAL SCH.....	1,829,008	0.162639%
0180-ASSABET VALLEY COLLABORATIVE SCHOOL.....	550,201	0.048925%
0185-ATHOL-ROYALSTON REGIONAL SCHOOL.....	1,581,489	0.140629%
0190-ATTLEBORO PUBLIC SCHOOLS.....	6,382,398	0.567535%
0195-AUBURN PUBLIC SCHOOLS.....	2,672,558	0.237649%
0200-AVON PUBLIC SCHOOLS.....	946,433	0.084159%
0210-BARNSTABLE PUBLIC SCHOOLS.....	6,922,136	0.615529%
0220-BEDFORD PUBLIC SCHOOLS.....	3,945,443	0.350836%
0225-BELCHERTOWN PUBLIC SCHOOLS.....	2,590,339	0.230338%
0230-BELLINGHAM PUBLIC SCHOOLS.....	2,612,392	0.232299%
0235-BELMONT PUBLIC SCHOOLS.....	4,594,421	0.408544%
0240-BERKLEY PUBLIC SCHOOLS.....	825,033	0.073364%
0245-BERKSHIRE HILLS REGIONAL SCHOOL DISTRICT.....	1,739,947	0.154719%
0250-BERLIN PUBLIC SCHOOLS.....	290,508	0.025833%
0255-BERLIN-BOYLSTON REGIONAL SCHOOL.....	699,622	0.062212%
0265-BEVERLY PUBLIC SCHOOLS.....	5,002,209	0.444806%
0270-BICOUNTY COLLABORATIVE.....	720,126	0.064035%
0275-BILLERICA PUBLIC SCHOOLS.....	6,528,137	0.580494%
0280-BLACKSTONE-MILLVILLE REGIONAL SCHOOL.....	1,907,037	0.169577%
0285-BLACKSTONE VALLEY REG. VOC.....	1,589,526	0.141344%
0300-BLUE HILLS REGIONAL TECH.....	1,405,088	0.124943%
0315-BOURNE PUBLIC SCHOOLS.....	2,509,538	0.223153%
0325-BOXFORD PUBLIC SCHOOLS.....	1,074,243	0.095524%
0330-BOYLSTON PUBLIC SCHOOLS.....	329,882	0.029334%
0335-BRAINTREE PUBLIC SCHOOLS.....	6,986,776	0.621277%
0340-BREWSTER PUBLIC SCHOOLS.....	669,999	0.059578%
0350-BRIDGEWATER-RAYNHAM REGIONAL SCHOOL.....	5,521,942	0.491021%
0355-BRIMFIELD PUBLIC SCHOOLS.....	366,639	0.032602%
0360-BRISTOL COUNTY AGRICULTURAL.....	557,092	0.049538%
0365-BRISTOL-PLYMOUTH REGIONAL SCHOOL.....	1,793,428	0.159475%
0370-BROCKTON PUBLIC SCHOOLS.....	19,615,020	1.744204%
0375-BROOKFIELD PUBLIC SCHOOLS.....	323,900	0.028802%
0380-BROOKLINE PUBLIC SCHOOLS.....	12,082,025	1.074356%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0390-BURLINGTON PUBLIC SCHOOLS.....	5,685,128	0.505532%
0395-CAMBRIDGE PUBLIC SCHOOLS.....	13,180,014	1.171991%
0400-CANTON PUBLIC SCHOOLS.....	4,082,182	0.362995%
0410-CAPE COD REGIONAL SCHOOL DISTRICT.....	1,029,967	0.091587%
0415-CAPE COD COLLABORATIVE.....	481,336	0.042801%
0420-CAPS COLLABORATIVE.....	344,758	0.030657%
0425-CARLISLE PUBLIC SCHOOLS.....	1,163,481	0.103459%
0430-CARVER PUBLIC SCHOOLS.....	1,970,190	0.175193%
0435-CASE COLLABORATIVE.....	783,540	0.069674%
0440-CENTRAL BERKSHIRE REGIONAL.....	2,039,205	0.181330%
0445-CENTRAL MASS. SPEC. ED. COLLABORATIVE.....	1,292,104	0.114896%
0450-CHARMS COLLABORATIVE.....	165,301	0.014699%
0460-CHELMSFORD PUBLIC SCHOOLS.....	5,633,477	0.500939%
0465-CHELSEA PUBLIC SCHOOLS.....	6,462,234	0.574634%
0470-CHESTERFIELD-GOSHEN REGIONAL.....	214,948	0.019114%
0475-CHICOPEE PUBLIC SCHOOLS.....	9,277,221	0.824948%
0485-CLARKSBURG PUBLIC SCHOOLS.....	212,611	0.018906%
0490-CLINTON PUBLIC SCHOOLS.....	2,036,722	0.181109%
0495-COHASSET PUBLIC SCHOOLS.....	2,109,966	0.187622%
0500-CONCORD PUBLIC SCHOOLS.....	3,339,391	0.296945%
0505-CONCORD-CARLISLE REGIONAL SCHOOL.....	2,171,110	0.193059%
0510-CONWAY PUBLIC SCHOOLS.....	219,954	0.019559%
0515-SOUTH COAST ED. COLLABORATIVE (COOPC).....	1,010,395	0.089846%
0520-DANVERS PUBLIC SCHOOLS.....	4,500,468	0.400190%
0525-DARTMOUTH PUBLIC SCHOOLS.....	4,398,158	0.391092%
0530-DEDHAM PUBLIC SCHOOLS.....	4,073,050	0.362183%
0540-DEERFIELD PUBLIC SCHOOLS.....	509,498	0.045306%
0545-DENNIS-YARMOUTH REGIONAL SCHOOLS.....	4,498,905	0.400051%
0555-DIGHTON-REHOBOTH REGIONAL SCHOOL.....	3,356,227	0.298442%
0560-DOUGLAS PUBLIC SCHOOLS.....	1,524,297	0.135543%
0565-DOVER PUBLIC SCHOOLS.....	783,953	0.069711%
0570-DOVER-SHERBORN REGIONAL SCHOOL.....	2,062,480	0.183400%
0575-DRACUT PUBLIC SCHOOLS.....	3,131,725	0.278479%
0580-DUDLEY-CHARLTON REGIONAL SCHOOLS.....	3,875,565	0.344622%
0585-DUXBURY PUBLIC SCHOOLS.....	3,790,244	0.337036%
0590-EAST BRIDGEWATER PUBLIC SCHOOLS.....	2,080,845	0.185033%
0600-EAST LONGMEADOW PUBLIC SCHOOLS.....	3,295,573	0.293048%
0605-EASTHAM PUBLIC SCHOOLS.....	384,551	0.034195%
0610-EASTHAMPTON PUBLIC SCHOOLS.....	1,514,833	0.134702%
0615-EASTON PUBLIC SCHOOLS.....	4,121,140	0.366459%
0617-EDCO COLLABORATIVE.....	357,154	0.031759%
0620-EDGARTOWN PUBLIC SCHOOLS.....	670,900	0.059658%
0625-ERVING PUBLIC SCHOOLS.....	285,608	0.025397%
0640-EVERETT PUBLIC SCHOOLS.....	8,790,980	0.781710%
0645-FAIRHAVEN PUBLIC SCHOOLS.....	1,981,009	0.176155%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0650-FALL RIVER PUBLIC SCHOOLS.....	11,355,691	1.009769%
0655-FALMOUTH PUBLIC SCHOOLS.....	4,978,807	0.442725%
0660-FITCHBURG PUBLIC SCHOOLS.....	5,469,782	0.486383%
0665-FLLAC COLLABORATIVE.....	505,640	0.044962%
0670-FLORIDA PUBLIC SCHOOLS.....	117,074	0.010410%
0675-FOXBOROUGH PUBLIC SCHOOLS.....	3,627,117	0.322530%
0680-FRAMINGHAM PUBLIC SCHOOLS.....	11,970,141	1.064407%
0685-FRANKLIN PUBLIC SCHOOLS.....	6,691,065	0.594982%
0690-FRANKLIN COUNTY REGIONAL SCHOOL DISTRICT.....	887,215	0.078893%
0700-FREETOWN-LAKEVILLE REGIONAL SCHOOLS.....	2,801,799	0.249141%
0705-FRONTIER REGIONAL SCHOOL DISTRICT.....	922,533	0.082033%
0710-GARDNER PUBLIC SCHOOLS.....	2,608,126	0.231919%
0715-GATEWAY REGIONAL SCHOOL.....	1,143,740	0.101703%
0725-GEORGETOWN PUBLIC SCHOOLS.....	1,678,693	0.149272%
0730-GILL-MONTAGUE REGIONAL.....	1,311,204	0.116595%
0735-GLOUCESTER PUBLIC SCHOOLS.....	3,786,177	0.336674%
0745-GOSNOLD PUBLIC SCHOOLS.....	7,010	0.000623%
0750-GRAFTON PUBLIC SCHOOLS.....	3,370,043	0.299670%
0755-GRANBY PUBLIC SCHOOLS.....	1,000,896	0.089002%
0765-DIMAN REGIONAL VOC.....	2,149,975	0.191180%
0770-GREATER LAWRENCE REGIONAL.....	2,351,440	0.209094%
0775-CREST.....	830,611	0.073859%
0780-GREATER LOWELL REGIONAL.....	3,180,514	0.282817%
0785-GREATER NEW BEDFORD REGIONAL VOC.....	3,231,897	0.287386%
0795-GREENFIELD PUBLIC SCHOOLS.....	1,864,943	0.165834%
0800-GROTON-DUNSTABLE REGIONAL.....	2,834,821	0.252078%
0810-HADLEY PUBLIC SCHOOLS.....	682,241	0.060666%
0815-HALIFAX PUBLIC SCHOOLS.....	581,524	0.051710%
0820-HAMILTON-WENHAM REGIONAL.....	2,587,294	0.230067%
0830-HAMPDEN-WILBRAHAM REGIONAL.....	3,570,412	0.317488%
0835-HAMPSHIRE REGIONAL SCHOOL.....	1,058,241	0.094101%
0840-COLLABORATIVE FOR EDUCATIONAL SERVICES.....	2,908,410	0.258621%
0845-HANCOCK PUBLIC SCHOOLS.....	64,699	0.005753%
0850-HANOVER PUBLIC SCHOOLS.....	3,337,760	0.296800%
0865-HARVARD PUBLIC SCHOOLS.....	1,556,373	0.138396%
0875-HATFIELD PUBLIC SCHOOLS.....	544,869	0.048451%
0880-HAVERHILL PUBLIC SCHOOLS.....	7,735,313	0.687838%
0885-HAWLEMONT REGIONAL.....	120,913	0.010752%
0895-HINGHAM PUBLIC SCHOOLS.....	5,212,844	0.463536%
0900-HOLBROOK PUBLIC SCHOOLS.....	1,273,733	0.113263%
0910-HOLLAND PUBLIC SCHOOLS.....	241,716	0.021494%
0915-HOLLISTON PUBLIC SCHOOLS.....	3,604,390	0.320509%
0920-HOLYOKE PUBLIC SCHOOLS.....	6,076,563	0.540339%
0925-HOPEDALE PUBLIC SCHOOLS.....	1,317,258	0.117133%
0930-HOPKINTON PUBLIC SCHOOLS.....	5,376,024	0.478046%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0940-HUDSON PUBLIC SCHOOLS.....	3,892,921	0.346166%
0945-HULL PUBLIC SCHOOLS.....	1,479,318	0.131544%
0950-IPSWICH PUBLIC SCHOOLS.....	2,375,207	0.211208%
0955-KING PHILIP REGIONAL.....	2,049,771	0.182269%
0960-KINGSTON PUBLIC SCHOOLS.....	922,120	0.081997%
0965-LABBB COLLABORATIVE.....	1,215,207	0.108058%
0980-LANESBOROUGH PUBLIC SCHOOLS.....	279,033	0.024812%
0985-LAWRENCE PUBLIC SCHOOLS.....	15,517,896	1.379880%
0990-LEE PUBLIC SCHOOLS.....	979,694	0.087116%
0995-LEICESTER PUBLIC SCHOOLS.....	1,696,533	0.150859%
1000-LENOX PUBLIC SCHOOLS.....	1,142,617	0.101604%
1005-LEOMINSTER PUBLIC SCHOOLS.....	6,442,288	0.572860%
1010-LEVERETT PUBLIC SCHOOLS.....	189,678	0.016867%
1015-LEXINGTON PUBLIC SCHOOLS.....	10,756,860	0.956520%
1025-LINCOLN PUBLIC SCHOOLS.....	2,342,303	0.208282%
1030-LINCOLN-SUDBURY REGIONAL.....	2,495,266	0.221884%
1035-LITTLETON PUBLIC SCHOOLS.....	1,780,389	0.158316%
1040-LONGMEADOW PUBLIC SCHOOLS.....	3,589,939	0.319224%
1045-LOWELL PUBLIC SCHOOLS.....	16,246,584	1.444676%
1050-LOWER PIONEER COLLAB.....	730,267	0.064937%
1055-LUDLOW PUBLIC SCHOOLS.....	3,186,696	0.283367%
1060-LUNENBURG PUBLIC SCHOOLS.....	1,784,678	0.158697%
1065-LYNN PUBLIC SCHOOLS.....	16,272,846	1.447012%
1070-LYNNFIELD PUBLIC SCHOOLS.....	2,809,445	0.249821%
1075-MALDEN PUBLIC SCHOOLS.....	7,843,223	0.697434%
1082-MANCHESTER ESSEX REGIONAL SCHOOL.....	2,153,102	0.191458%
1085-MANSFIELD PUBLIC SCHOOLS.....	5,208,988	0.463193%
1090-MARBLEHEAD PUBLIC SCHOOLS.....	4,105,253	0.365047%
1095-MARION PUBLIC SCHOOLS.....	548,120	0.048740%
1100-MARTHA'S VINEYARD PUBLIC SCHOOLS.....	1,776,256	0.157948%
1105-MARSHFIELD PUBLIC SCHOOLS.....	5,097,268	0.453258%
1110-MARLBOROUGH PUBLIC SCHOOLS.....	6,220,836	0.553168%
1115-MASCONOMET REGIONAL SCHOOL.....	2,722,395	0.242080%
1120-MASHPEE PUBLIC SCHOOLS.....	2,325,800	0.206814%
1125-MATTAPOISETT PUBLIC SCHOOLS.....	621,746	0.055287%
1130-MAYNARD PUBLIC SCHOOLS.....	1,830,940	0.162811%
1135-MEDFIELD PUBLIC SCHOOLS.....	3,466,176	0.308219%
1140-MEDFORD PUBLIC SCHOOLS.....	6,546,217	0.582102%
1145-MEDWAY PUBLIC SCHOOLS.....	3,062,859	0.272355%
1150-MELROSE PUBLIC SCHOOLS.....	3,555,318	0.316145%
1155-MENDON-UPTON REGIONAL SCHOOL DISTRICT.....	2,535,024	0.225419%
1165-VALLEY COLLABORATIVE SCHOOL.....	945,159	0.084045%
1170-METHUEN PUBLIC SCHOOLS.....	8,288,003	0.736985%
1175-MIDDLEBOROUGH PUBLIC SCHOOLS.....	3,648,596	0.324440%
1180-MIDDLETON PUBLIC SCHOOLS.....	973,839	0.086596%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1185-MILFORD PUBLIC SCHOOLS.....	4,858,639	0.432039%
1190-MILLBURY PUBLIC SCHOOLS.....	2,015,045	0.179182%
1195-MILLIS PUBLIC SCHOOLS.....	1,682,301	0.149593%
1200-MILTON PUBLIC SCHOOLS.....	5,044,072	0.448528%
1205-MINUTEMAN REGIONAL VOCATIONAL SCHOOL.....	1,640,094	0.145840%
1210-MOHAWK TRAIL REGIONAL SCHOOL.....	1,269,815	0.112914%
1215-MONROE PUBLIC SCHOOLS.....	4,323	0.000384%
1220-MONSON PUBLIC SCHOOLS.....	1,187,663	0.105609%
1225-MONTACHUSETT REGIONAL VOCATIONAL SCHOOL.....	1,827,161	0.162475%
1230-MOUNT GREYLOCK REGIONAL SCHOOL.....	835,851	0.074325%
1235-NAHANT PUBLIC SCHOOLS.....	150,685	0.013399%
1240-NANTUCKET PUBLIC SCHOOLS.....	2,507,790	0.222997%
1245-NARRAGANSETT REGIONAL SCHOOL DISTRICT.....	1,361,764	0.121091%
1250-NASHOBA REGIONAL SCHOOL DISTRICT.....	4,413,415	0.392449%
1255-NASHOBA VALLEY TECH.....	954,086	0.084839%
1260-NATICK PUBLIC SCHOOLS.....	6,018,759	0.535199%
1265-NAUSET REGIONAL SCHOOL.....	2,616,986	0.232707%
1275-NEEDHAM PUBLIC SCHOOLS.....	7,483,070	0.665408%
1285-NEW BEDFORD PUBLIC SCHOOLS.....	13,425,473	1.193818%
1295-NEW SALEM-WENDELL REGIONAL SCHOOL.....	234,914	0.020889%
1305-NEWBURYPORT PUBLIC SCHOOLS.....	2,973,844	0.264440%
1310-NEWTON PUBLIC SCHOOLS.....	18,901,649	1.680770%
1315-NORFOLK PUBLIC SCHOOLS.....	1,208,103	0.107427%
1320-NORFOLK COUNTY AGRICULTURAL SCHOOL.....	816,076	0.072567%
1325-NORTH ADAMS PUBLIC SCHOOLS.....	1,755,197	0.156075%
1330-NORTH ANDOVER PUBLIC SCHOOLS.....	4,686,903	0.416768%
1335-NORTH ATTLEBORO PUBLIC SCHOOLS.....	4,621,231	0.410928%
1340-NORTH BROOKFIELD PUBLIC SCHOOLS.....	629,980	0.056019%
1345-NORTH MIDDLESEX REGIONAL SCHOOL.....	3,532,326	0.314101%
1350-NORTH READING PUBLIC SCHOOLS.....	3,203,083	0.284824%
1355-NORTH RIVER COLLABORATIVE SCHOOL.....	688,167	0.061193%
1365-NORTHAMPTON PUBLIC SCHOOLS.....	3,775,476	0.335722%
1370-NORTHBOROUGH PUBLIC SCHOOLS.....	2,484,203	0.220900%
1375-NORTHBORO-SOUTHBORO REGIONAL SCHOOL.....	2,070,718	0.184132%
1380-NORTHBRIDGE PUBLIC SCHOOLS.....	2,429,411	0.216028%
1385-NORTHEAST METRO REGIONAL VOCATIONAL SCH.....	1,886,027	0.167709%
1390-NORTHERN BERKSHIRE REGIONAL VOC. SCH.....	810,145	0.072040%
1400-NORTON PUBLIC SCHOOLS.....	2,917,837	0.259459%
1405-NORWELL PUBLIC SCHOOLS.....	2,950,676	0.262380%
1410-NORWOOD PUBLIC SCHOOLS.....	4,475,078	0.397932%
1415-OAK BLUFFS PUBLIC SCHOOLS.....	714,605	0.063544%
1425-OLD COLONY VOCATIONAL SCHOOL.....	854,492	0.075983%
1430-OLD ROCHESTER REGIONAL SCHOOL.....	1,464,646	0.130239%
1435-ORANGE PUBLIC SCHOOLS.....	625,894	0.055656%
1440-ORLEANS PUBLIC SCHOOLS.....	386,278	0.034349%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1445-FARMINGTON RIVER PUBLIC SCHOOLS.....	171,183	0.015222%
1450-OXFORD PUBLIC SCHOOLS.....	2,016,643	0.179324%
1455-PALMER PUBLIC SCHOOLS.....	1,601,525	0.142411%
1460-PATHFINDER REGIONAL VOC.....	1,197,132	0.106451%
1470-PEABODY PUBLIC SCHOOLS.....	6,614,529	0.588176%
1475-PELHAM PUBLIC SCHOOLS.....	190,515	0.016941%
1480-PEMBROKE PUBLIC SCHOOLS.....	3,330,908	0.296191%
1485-PENTUCKET REGIONAL SCHOOL.....	3,125,375	0.277914%
1490-PETERSHAM CENTER SCHOOL.....	120,486	0.010714%
1495-PILGRIM AREA COLLABORATIVE.....	574,899	0.051121%
1500-PIONEER VALLEY REGIONAL.....	1,162,721	0.103391%
1505-PITTSFIELD PUBLIC SCHOOLS.....	6,912,768	0.614696%
1515-PLAINVILLE PUBLIC SCHOOLS.....	818,254	0.072761%
1520-PLYMOUTH PUBLIC SCHOOLS.....	9,363,102	0.832584%
1530-PLYMPTON PUBLIC SCHOOLS.....	245,403	0.021822%
1540-ACCEPT EDUCATIONAL COLLABORATIVE.....	365,021	0.032458%
1550-PROVINCETOWN PUBLIC SCHOOLS.....	295,329	0.026261%
1556-QUABBIN REGIONAL SCHOOL.....	2,569,274	0.228465%
1560-QUABOAG REGIONAL SCHOOL DISTRICT.....	1,449,584	0.128900%
1565-QUINCY PUBLIC SCHOOLS.....	11,556,754	1.027648%
1566-QUINCY COLLEGE.....	799,397	0.071084%
1570-RALPH C. MAHAR REG. SCHOOL.....	924,978	0.082251%
1575-RANDOLPH PUBLIC SCHOOLS.....	3,589,065	0.319146%
1585-READING PUBLIC SCHOOLS.....	4,952,850	0.440417%
1590-READS COLLABORATIVE.....	575,104	0.051139%
1605-REVERE PUBLIC SCHOOLS.....	8,661,910	0.770233%
1610-RICHMOND PUBLIC SCHOOLS.....	250,528	0.022277%
1615-ROCHESTER PUBLIC SCHOOLS.....	635,306	0.056493%
1620-ROCKLAND PUBLIC SCHOOLS.....	2,533,529	0.225286%
1625-ROCKPORT PUBLIC SCHOOLS.....	1,389,928	0.123595%
1630-ROWE PUBLIC SCHOOLS.....	121,803	0.010831%
1645-SALEM PUBLIC SCHOOLS.....	6,531,039	0.580752%
1660-SANDWICH PUBLIC SCHOOLS.....	3,323,379	0.295521%
1665-SAUGUS PUBLIC SCHOOLS.....	3,267,818	0.290580%
1670-SAVOY PUBLIC SCHOOLS.....	56,613	0.005034%
1675-SCITUATE PUBLIC SCHOOLS.....	4,273,548	0.380012%
1680-SEEKONK PUBLIC SCHOOLS.....	2,534,475	0.225370%
1685-SEEM COLLABORATIVE.....	1,240,934	0.110346%
1690-SHARON PUBLIC SCHOOLS.....	4,813,859	0.428057%
1695-SHAWSHEN VALLEY VOC.....	2,243,696	0.199514%
1700-SHERBORN PUBLIC SCHOOLS.....	599,812	0.053336%
1710-SHORE COLLABORATIVE.....	625,841	0.055651%
1715-SHREWSBURY PUBLIC SCHOOLS.....	6,733,256	0.598734%
1720-SHUTESBURY PUBLIC SCHOOLS.....	184,459	0.016402%
1725-SILVER LAKE REGIONAL SCHOOL DIST.....	2,312,077	0.205594%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1730-SOMERSET PUBLIC SCHOOLS.....	1,878,500	0.167040%
1735-SOMERVILLE PUBLIC SCHOOLS.....	7,197,505	0.640015%
1745-SOUTH HADLEY PUBLIC SCHOOLS.....	2,158,807	0.191965%
1750-SOUTH MIDDLESEX REGIONAL VOC.....	1,329,584	0.118229%
1755-SOUTH SHORE REGIONAL SCHOOL DIST.....	1,018,832	0.090596%
1760-SOUTH SHORE EDUCATIONAL COLLABORATIVE.....	1,487,518	0.132273%
1765-SOUTHERN WORCESTER COUNTY REGIONAL SCH.....	1,773,052	0.157663%
1770-SOUTHAMPTON PUBLIC SCHOOLS.....	520,365	0.046272%
1775-SOUTHBOROUGH PUBLIC SCHOOLS.....	2,059,560	0.183140%
1780-SOUTHBRIDGE PUBLIC SCHOOLS.....	2,489,586	0.221379%
1785-SOUTHEASTERN REGIONAL VOC. SCHOOL DIST.....	1,875,151	0.166742%
1790-SOUTHEASTERN MASS. COLLAB.....	213,435	0.018979%
1795-SOUTHERN BERKSHIRE REGIONAL.....	1,072,124	0.095335%
1800-SOUTHERN WORCESTER CO. ED. COLLAB.....	376,457	0.033475%
1805-SOUTHWICK-TOLLAND REGIONAL.....	1,955,438	0.173881%
1810-NORTH SHORE EDUCATION CONSORTIUM.....	1,237,937	0.110080%
1820-SPENCER-EAST BROOKFIELD PUBLIC SCHOOLS.....	1,623,395	0.144355%
1825-SPRINGFIELD PUBLIC SCHOOLS.....	27,966,271	2.486813%
1835-STONEHAM PUBLIC SCHOOLS.....	2,866,208	0.254869%
1840-STOUGHTON PUBLIC SCHOOLS.....	4,847,017	0.431006%
1850-STURBRIDGE PUBLIC SCHOOL.....	1,117,932	0.099409%
1855-SUDBURY PUBLIC SCHOOLS.....	3,757,707	0.334142%
1860-SUNDERLAND PUBLIC SCHOOLS.....	250,009	0.022231%
1865-SUTTON PUBLIC SCHOOLS.....	1,615,867	0.143686%
1870-SWAMPSCOTT PUBLIC SCHOOLS.....	3,030,804	0.269505%
1875-SWANSEA PUBLIC SCHOOLS.....	2,264,179	0.201335%
1880-TANTASQUA REGIONAL HIGH SCHOOL.....	2,241,953	0.199359%
1885-TAUNTON PUBLIC SCHOOLS.....	8,126,647	0.722636%
1890-TECH. COLLAB. THE ED. COOPERATIVE.....	450,685	0.040076%
1895-TEWKSBURY PUBLIC SCHOOLS.....	4,073,839	0.362253%
1900-TISBURY PUBLIC SCHOOLS.....	640,027	0.056912%
1905-TOPSFIELD PUBLIC SCHOOLS.....	826,157	0.073463%
1910-TRI-COUNTY REGIONAL VOC.....	1,687,459	0.150052%
1915-TRITON PUBLIC SCHOOLS.....	3,266,349	0.290450%
1920-TRURO PUBLIC SCHOOLS.....	252,891	0.022488%
1925-TYNGSBOROUGH PUBLIC SCHOOLS.....	2,112,006	0.187803%
1935-UPPER CAPE COD VOC. SCHOOL.....	1,105,207	0.098277%
1936-UP ISLAND REGIONAL SCHOOL.....	672,273	0.059780%
1940-UXBRIDGE PUBLIC SCHOOLS.....	1,982,761	0.176311%
1950-WACHUSETT REGIONAL SCHOOL DIST.....	7,261,380	0.645695%
1955-WAKEFIELD PUBLIC SCHOOLS.....	4,099,988	0.364578%
1960-WALES PUBLIC SCHOOLS.....	160,348	0.014258%
1965-WALPOLE PUBLIC SCHOOLS.....	5,081,377	0.451845%
1970-WALTHAM PUBLIC SCHOOLS.....	8,072,243	0.717799%
1975-WARE PUBLIC SCHOOLS.....	1,222,335	0.108692%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1980-WAREHAM PUBLIC SCHOOLS.....	2,866,649	0.254908%
2000-WATERTOWN PUBLIC SCHOOLS.....	4,262,562	0.379035%
2005-WAYLAND PUBLIC SCHOOLS.....	4,088,762	0.363580%
2010-WEBSTER PUBLIC SCHOOLS.....	2,037,490	0.181177%
2015-WELLESLEY PUBLIC SCHOOLS.....	8,106,852	0.720876%
2020-WELLFLEET PUBLIC SCHOOLS.....	249,941	0.022225%
2025-WEST BOYLSTON PUBLIC SCHOOLS.....	1,191,903	0.105986%
2030-WEST BRIDGEWATER PUBLIC SCHOOLS.....	1,389,327	0.123542%
2045-WEST SPRINGFIELD PUBLIC SCHOOLS.....	4,608,134	0.409764%
2055-WESTBOROUGH PUBLIC SCHOOLS.....	4,937,629	0.439063%
2060-WESTFIELD PUBLIC SCHOOLS.....	6,400,419	0.569137%
2065-WESTFORD PUBLIC SCHOOLS.....	6,134,226	0.545467%
2070-WESTHAMPTON PUBLIC SCHOOLS.....	157,486	0.014004%
2080-WESTON PUBLIC SCHOOLS.....	3,939,210	0.350282%
2085-WESTPORT PUBLIC SCHOOLS.....	1,783,611	0.158602%
2090-WESTWOOD PUBLIC SCHOOLS.....	4,619,753	0.410797%
2095-WEYMOUTH PUBLIC SCHOOLS.....	7,007,803	0.623147%
2100-WHATELY PUBLIC SCHOOLS.....	166,696	0.014823%
2110-WHITMAN-HANSON REGIONAL.....	3,934,972	0.349905%
2120-WILLIAMSBURG PUBLIC SCHOOLS.....	228,872	0.020352%
2125-WILLIAMSTOWN PUBLIC SCHOOLS.....	543,748	0.048351%
2130-WILMINGTON PUBLIC SCHOOLS.....	4,295,622	0.381975%
2135-WINCHENDON PUBLIC SCHOOLS.....	1,505,739	0.133893%
2140-WINCHESTER PUBLIC SCHOOLS.....	5,689,677	0.505937%
2145-WINTHROP PUBLIC SCHOOLS.....	2,064,507	0.183580%
2150-WHITTIER VOC. SCHOOL DIST.....	1,943,521	0.172821%
2155-WOBURN PUBLIC SCHOOLS.....	6,062,669	0.539104%
2160-WORCESTER PUBLIC SCHOOLS.....	30,166,318	2.682445%
2162-MASS ACADEMY OF MATH AND SCIENCE.....	92,880	0.008259%
2164-WORTHINGTON PUBLIC SCHOOLS.....	62,221	0.005533%
2165-WRENTHAM PUBLIC SCHOOLS.....	1,181,275	0.105041%
2200-AYER SHIRLEY REGIONAL.....	1,825,761	0.162350%
2205-SOMERSET-BERKLEY REGIONAL.....	1,233,286	0.109666%
2210-MONOMOY REGIONAL SCHOOL DISTRICT.....	2,666,199	0.237083%
2215-ESSEX NORTH SHORE AGRICULTURAL & TECHNICAL.....	1,922,713	0.170971%
3000-MASS VIRTUAL ACADEMY AT GREENFIELD.....	108,496	0.009648%
3005-TECCA VIRTUAL SCHOOL.....	230,282	0.020477%
4005-COMMUNITY DAY CHARTER SCHOOL.....	502,011	0.044640%
4010-CITY ON A HILL CHARTER SCHOOL.....	425,489	0.037835%
4015-ATLANTIS CHARTER SCHOOL.....	899,746	0.080007%
4020-CAPE COD LIGHTHOUSE CHARTER SCHOOL.....	312,698	0.027806%
4025-HILLTOWN COOPERATIVE CHARTER SCHOOL.....	224,313	0.019946%
4030-BENJAMIN FRANKLIN CLASSICAL CHARTER SCH.....	409,333	0.036399%
4035-SOUTH SHORE CHARTER SCHOOL.....	781,543	0.069496%
4040-LOWELL MIDDLESEX ACADEMY CHARTER SCH.....	128,881	0.011460%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
4055-BOSTON RENAISSANCE CHARTER SCHOOL.....	1,079,137	0.095959%
4060-MARBLEHEAD COMMUNITY CHARTER SCHOOL.....	250,157	0.022244%
4065-FRANCIS W. PARKER CHARTER SCHOOL.....	464,930	0.041342%
4070-NEIGHBORHOOD HOUSE CHARTER SCHOOL.....	528,912	0.047032%
4075-ACADEMY OF THE PACIFIC RIM CHARTER SCH.....	616,174	0.054791%
4080-BENJAMIN BANNEKER CHARTER SCHOOL.....	437,559	0.038909%
4090-LAWRENCE FAMILY DEVELOPMENT CHARTER SCH.....	705,993	0.062778%
4095-MARTHA'S VINEYARD CHARTER SCHOOL.....	294,771	0.026212%
4105-SABIS INTERNATIONAL CHARTER SCHOOL.....	1,103,795	0.098152%
4115-PIONEER VALLEY PERFORMING ARTS CHARTER.....	464,597	0.041313%
4120-PROSPECT HILL ACADEMY CHARTER SCHOOL.....	1,629,248	0.144876%
4125-SEVEN HILLS CHARTER SCHOOL.....	661,725	0.058842%
4140-ABBY KELLEY FOSTER REGIONAL CHARTER.....	1,422,507	0.126492%
4145-MYSTIC VALLEY REGIONAL CHARTER SCHOOL.....	1,190,267	0.105841%
4150-FOXBORO REGIONAL CHARTER SCHOOL.....	1,063,940	0.094608%
4165-RISING TIDE CHARTER.....	620,709	0.055195%
4170-BOSTON COLLEGIATE CHARTER SCHOOL.....	958,514	0.085233%
4175-STURGIS CHARTER SCHOOL.....	1,163,678	0.103476%
4180-RIVER VALLEY CHARTER SCHOOL.....	255,170	0.022690%
4200-CONSERVATORY LAB CHARTER SCHOOL.....	444,529	0.039528%
4205-ROXBURY PREPARATORY CHARTER.....	1,382,268	0.122914%
4210-MEDIA & TECH CHARTER HIGH SCH.....	1,208,694	0.107479%
4225-CODMAN ACADEMY CHARTER SCHOOL.....	456,626	0.040604%
4235-CHRISTA MCAULIFFE REG. CHARTER P.S.....	468,450	0.041655%
4240-NORTH CENTRAL CHARTER ESSENTIAL SCHOOL.....	447,975	0.039835%
4245-INNOVATION ACADEMY CHARTER SCHOOL.....	849,312	0.075522%
4250-EDWARD BROOKE CHARTER SCHOOL.....	826,303	0.073476%
4260-FOUR RIVER CHARTER PUBLIC SCHOOL.....	240,303	0.021368%
4265-BOSTON PREPARATORY CHARTER SCHOOL.....	581,924	0.051746%
4270-EXCEL ACADEMY CHARTER SCHOOL.....	1,147,456	0.102034%
4275-SALEM ACADEMY CHARTER SCHOOL.....	521,583	0.046380%
4285-BERKSHIRE ARTS AND TECHNOLOGY CHARTER.....	348,842	0.031020%
4290-HELEN Y. DAVIS LEADERSHIP ACADEMY CHARTER PUBLIC.....	290,610	0.025842%
4295-HILLVIEW MONTESSORI CHARTER SCHOOL.....	227,164	0.020200%
4300-KIPP ACADEMY LYNN CHARTER SCHOOL.....	1,283,684	0.114148%
4305-ADVANCED MATH & SCIENCE ACADEMY CHARTER SCHOOL.....	968,544	0.086125%
4310-COMMUNITY CHARTER SCHOOL OF CAMBRIDGE.....	513,952	0.045702%
4315-HOLYOKE COMMUNITY CHARTER SCHOOL.....	562,753	0.050041%
4320-MARTIN LUTHER KING JR. CHARTER SCHOOL.....	450,507	0.040060%
4325-PHOENIX CHARTER ACADEMY.....	224,415	0.019955%
4330-PIONEER VALLEY CHINESE IMMERSION CHARTER.....	551,601	0.049049%
4420-LOWELL COMMUNITY CHARTER SCHOOL.....	778,606	0.069235%
4425-PIONEER CHARTER SCHOOL OF SCIENCE.....	429,882	0.038226%
4430-GLOBAL LEARNING CHARTER PUBLIC SCHOOL.....	445,132	0.039582%
4435-DORCHESTER COLLEGIATE ACADEMY CHARTER.....	308,586	0.027440%

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
4440-HAMPDEN CHARTER SCHOOL OF SCIENCE.....	396,121	0.035224%
4510-ALMA DEL MAR CHARTER SCHOOL.....	252,858	0.022485%
4515-BRIDGE BOSTON CHARTER SCHOOL.....	271,048	0.024102%
4535-EDWARD W. BROOKE CHARTER SCHOOL 2.....	564,699	0.050214%
4550-VERITAS PREPARATORY CHARTER SCHOOL.....	345,640	0.030735%
4560-EDWARD W. BROOKE CHARTER SCHOOL -3.....	571,205	0.050793%
4565-CDCPS-GATEWAY.....	253,408	0.022533%
4570-CDCPS-R KINGMAN WEBSTER.....	255,754	0.022742%
4575-KIPP ACADEMY BOSTON CHARTER SCHOOL.....	547,553	0.048689%
4580-PAULO FREIRE SOCIAL JUSTICE CHARTER SCHOOL.....	332,673	0.029582%
4585-CITY ON A HILL CHARTER 2.....	261,825	0.023282%
4590-CITY ON A HILL CHARTER - NEW BEDFORD.....	130,931	0.011643%
4595-PIONEER CHARTER SCHOOL OF SCIENCE II.....	292,717	0.026029%
4600-THE LOWELL COLLEGIATE CHARTER SCHOOL.....	260,156	0.023134%
4605-BAY STATE ACADEMY CHARTER PUBLIC SCHOOL.....	279,996	0.024898%
4610-PHOENIX CHARTER ACADEMY SPRINGFIELD.....	135,652	0.012062%
4615-ARGOSY COLLEGIATE CHARTER SCHOOL.....	165,492	0.014716%
4620-SPRINGFIELD PREPARATORY CHARTER SCHOOL.....	103,498	0.009203%
Totals.....	<u>\$ 1,124,583,000</u>	<u>100.000000%</u>

See accompanying notes to supplemental schedules.

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0100-ABINGTON PUBLIC SCHOOLS.....	\$ 41,172,867	\$ 4,199,902
0110-ACTON-BOXBOROUGH REGIONAL SCHOOL.....	126,992,148	12,954,032
0115-ACUSHNET PUBLIC SCHOOLS.....	21,704,162	2,213,967
0120-ADAMS-CHESHIRE REGIONAL SCHOOLS.....	26,528,411	2,706,072
0125-AGAWAM PUBLIC SCHOOLS.....	98,326,431	10,029,941
0130-AMESBURY PUBLIC SCHOOLS.....	51,847,743	5,288,810
0135-AMHERST PUBLIC SCHOOLS.....	40,117,648	4,092,263
0140-AMHERST-PELHAM REGIONAL SCHOOL DISTRICT.....	41,473,118	4,230,530
0145-ANDOVER PUBLIC SCHOOLS.....	162,869,117	16,613,718
0150-ARLINGTON PUBLIC SCHOOLS.....	116,924,661	11,927,082
0160-ASHBURNHAM-WESTMINSTER REGIONAL SCHOOL.....	47,359,377	4,830,967
0170-ASHLAND PUBLIC SCHOOLS.....	61,522,970	6,275,746
0175-ASSABET VALLEY REGIONAL VOCATIONAL SCH.....	36,362,656	3,709,229
0180-ASSABET VALLEY COLLABORATIVE SCHOOL.....	10,938,585	1,115,807
0185-ATHOL-ROYALSTON REGIONAL SCHOOL.....	31,441,706	3,207,260
0190-ATTLEBORO PUBLIC SCHOOLS.....	126,888,984	12,943,508
0195-AUBURN PUBLIC SCHOOLS.....	53,133,344	5,419,949
0200-AVON PUBLIC SCHOOLS.....	18,816,121	1,919,368
0210-BARNSTABLE PUBLIC SCHOOLS.....	137,619,552	14,038,096
0220-BEDFORD PUBLIC SCHOOLS.....	78,439,676	8,001,361
0225-BELCHERTOWN PUBLIC SCHOOLS.....	51,498,743	5,253,209
0230-BELLINGHAM PUBLIC SCHOOLS.....	51,937,186	5,297,933
0235-BELMONT PUBLIC SCHOOLS.....	91,342,058	9,317,489
0240-BERKLEY PUBLIC SCHOOLS.....	16,402,559	1,673,169
0245-BERKSHIRE HILLS REGIONAL SCHOOL DISTRICT.....	34,592,037	3,528,615
0250-BERLIN PUBLIC SCHOOLS.....	5,775,621	589,151
0255-BERLIN-BOYLSTON REGIONAL SCHOOL.....	13,909,246	1,418,834
0265-BEVERLY PUBLIC SCHOOLS.....	99,449,333	10,144,484
0270-BICOUNTY COLLABORATIVE.....	14,316,881	1,460,416
0275-BILLERICA PUBLIC SCHOOLS.....	129,786,436	13,239,067
0280-BLACKSTONE-MILLVILLE REGIONAL SCHOOL.....	37,913,968	3,867,473
0285-BLACKSTONE VALLEY REG. VOC.....	31,601,492	3,223,559
0300-BLUE HILLS REGIONAL TECH.....	27,934,669	2,849,519
0315-BOURNE PUBLIC SCHOOLS.....	49,892,333	5,089,345
0325-BOXFORD PUBLIC SCHOOLS.....	21,357,123	2,178,567
0330-BOYLSTON PUBLIC SCHOOLS.....	6,558,412	669,001
0335-BRAINTREE PUBLIC SCHOOLS.....	138,904,668	14,169,187
0340-BREWSTER PUBLIC SCHOOLS.....	13,320,299	1,358,758
0350-BRIDGewater-RAYNHAM REGIONAL SCHOOL.....	109,782,184	11,198,502
0355-BRIMFIELD PUBLIC SCHOOLS.....	7,289,185	743,545
0360-BRISTOL COUNTY AGRICULTURAL.....	11,075,590	1,129,783

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0365-BRISTOL-PLYMOUTH REGIONAL SCHOOL.....	35,655,290	3,637,073
0370-BROCKTON PUBLIC SCHOOLS.....	389,967,839	39,779,276
0375-BROOKFIELD PUBLIC SCHOOLS.....	6,439,489	656,870
0380-BROOKLINE PUBLIC SCHOOLS.....	240,203,751	24,502,357
0390-BURLINGTON PUBLIC SCHOOLS.....	113,026,510	11,529,445
0395-CAMBRIDGE PUBLIC SCHOOLS.....	262,032,944	26,729,078
0400-CANTON PUBLIC SCHOOLS.....	81,158,195	8,278,668
0410-CAPE COD REGIONAL SCHOOL DISTRICT.....	20,476,862	2,088,774
0415-CAPE COD COLLABORATIVE.....	9,569,480	976,150
0420-CAPS COLLABORATIVE.....	6,854,165	699,170
0425-CARLISLE PUBLIC SCHOOLS.....	23,131,262	2,359,540
0430-CARVER PUBLIC SCHOOLS.....	39,169,513	3,995,547
0435-CASE COLLABORATIVE.....	15,577,621	1,589,019
0440-CENTRAL BERKSHIRE REGIONAL.....	40,541,607	4,135,510
0445-CENTRAL MASS. SPEC. ED. COLLABORATIVE.....	25,688,426	2,620,388
0450-CHARMS COLLABORATIVE.....	3,286,359	335,230
0460-CHELMSFORD PUBLIC SCHOOLS.....	111,999,623	11,424,696
0465-CHELSEA PUBLIC SCHOOLS.....	128,476,204	13,105,415
0470-CHESTERFIELD-GOSHEN REGIONAL.....	4,273,399	435,915
0475-CHICOPEE PUBLIC SCHOOLS.....	184,441,197	18,814,211
0485-CLARKSBURG PUBLIC SCHOOLS.....	4,226,931	431,175
0490-CLINTON PUBLIC SCHOOLS.....	40,492,248	4,130,475
0495-COHASSET PUBLIC SCHOOLS.....	41,948,409	4,279,013
0500-CONCORD PUBLIC SCHOOLS.....	66,390,702	6,772,287
0505-CONCORD-CARLISLE REGIONAL SCHOOL.....	43,164,020	4,403,013
0510-CONWAY PUBLIC SCHOOLS.....	4,372,925	446,067
0515-SOUTH COAST ED. COLLABORATIVE (COOPC).....	20,087,752	2,049,082
0520-DANVERS PUBLIC SCHOOLS.....	89,474,183	9,126,953
0525-DARTMOUTH PUBLIC SCHOOLS.....	87,440,137	8,919,467
0530-DEDHAM PUBLIC SCHOOLS.....	80,976,650	8,260,149
0540-DEERFIELD PUBLIC SCHOOLS.....	10,129,380	1,033,263
0545-DENNIS-YARMOUTH REGIONAL SCHOOLS.....	89,443,108	9,123,783
0555-DIGHTON-REHOBOTH REGIONAL SCHOOL.....	66,725,426	6,806,431
0560-DOUGLAS PUBLIC SCHOOLS.....	30,304,669	3,091,275
0565-DOVER PUBLIC SCHOOLS.....	15,585,825	1,589,856
0570-DOVER-SHERBORN REGIONAL SCHOOL.....	41,004,334	4,182,711
0575-DRACUT PUBLIC SCHOOLS.....	62,262,091	6,351,141
0580-DUDLEY-CHARLTON REGIONAL SCHOOLS.....	77,050,425	7,859,648
0585-DUXBURY PUBLIC SCHOOLS.....	75,354,160	7,686,618
0590-EAST BRIDGEWATER PUBLIC SCHOOLS.....	41,369,448	4,219,955
0600-EAST LONGMEADOW PUBLIC SCHOOLS.....	65,519,560	6,683,425

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0605-EASTHAM PUBLIC SCHOOLS.....	7,645,289	779,870
0610-EASTHAMPTON PUBLIC SCHOOLS.....	30,116,528	3,072,083
0615-EASTON PUBLIC SCHOOLS.....	81,932,729	8,357,675
0617-EDCO COLLABORATIVE.....	7,100,616	724,309
0620-EDGARTOWN PUBLIC SCHOOLS.....	13,338,218	1,360,586
0625-ERVING PUBLIC SCHOOLS.....	5,678,204	579,214
0640-EVERETT PUBLIC SCHOOLS.....	174,774,212	17,828,115
0645-FAIRHAVEN PUBLIC SCHOOLS.....	39,384,609	4,017,488
0650-FALL RIVER PUBLIC SCHOOLS.....	225,763,431	23,029,350
0655-FALMOUTH PUBLIC SCHOOLS.....	98,984,079	10,097,025
0660-FITCHBURG PUBLIC SCHOOLS.....	108,745,192	11,092,722
0665-FLLAC COLLABORATIVE.....	10,052,671	1,025,438
0670-FLORIDA PUBLIC SCHOOLS.....	2,327,550	237,425
0675-FOXBOROUGH PUBLIC SCHOOLS.....	72,111,005	7,355,795
0680-FRAMINGHAM PUBLIC SCHOOLS.....	237,979,362	24,275,455
0685-FRANKLIN PUBLIC SCHOOLS.....	133,025,615	13,569,485
0690-FRANKLIN COUNTY REGIONAL SCHOOL DISTRICT.....	17,638,795	1,799,273
0700-FREETOWN-LAKEVILLE REGIONAL SCHOOLS.....	55,702,791	5,682,050
0705-FRONTIER REGIONAL SCHOOL DISTRICT.....	18,340,951	1,870,897
0710-GARDNER PUBLIC SCHOOLS.....	51,852,367	5,289,281
0715-GATEWAY REGIONAL SCHOOL.....	22,738,795	2,319,506
0725-GEORGETOWN PUBLIC SCHOOLS.....	33,374,232	3,404,390
0730-GILL-MONTAGUE REGIONAL.....	26,068,150	2,659,122
0735-GLOUCESTER PUBLIC SCHOOLS.....	75,273,297	7,678,370
0745-GOSNOLD PUBLIC SCHOOLS.....	139,362	14,216
0750-GRAFTON PUBLIC SCHOOLS.....	67,000,109	6,834,450
0755-GRANBY PUBLIC SCHOOLS.....	19,898,895	2,029,818
0765-DIMAN REGIONAL VOC.....	42,743,840	4,360,152
0770-GREATER LAWRENCE REGIONAL.....	46,749,179	4,768,723
0775-CREST.....	16,513,452	1,684,480
0780-GREATER LOWELL REGIONAL.....	63,232,058	6,450,084
0785-GREATER NEW BEDFORD REGIONAL VOC.....	64,253,622	6,554,291
0795-GREENFIELD PUBLIC SCHOOLS.....	37,077,090	3,782,106
0800-GROTON-DUNSTABLE REGIONAL.....	56,359,306	5,749,019
0810-HADLEY PUBLIC SCHOOLS.....	13,563,691	1,383,585
0815-HALIFAX PUBLIC SCHOOLS.....	11,561,324	1,179,331
0820-HAMILTON-WENHAM REGIONAL.....	51,438,198	5,247,033
0830-HAMPDEN-WILBRAHAM REGIONAL.....	70,983,651	7,240,798
0835-HAMPSHIRE REGIONAL SCHOOL.....	21,038,979	2,146,114
0840-COLLABORATIVE FOR EDUCATIONAL SERVICES.....	57,822,346	5,898,258
0845-HANCOCK PUBLIC SCHOOLS.....	1,286,295	131,211

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0850-HANOVER PUBLIC SCHOOLS.....	66,358,276	6,768,979
0865-HARVARD PUBLIC SCHOOLS.....	30,942,374	3,156,325
0875-HATFIELD PUBLIC SCHOOLS.....	10,832,589	1,104,995
0880-HAVERHILL PUBLIC SCHOOLS.....	153,786,397	15,687,221
0885-HAWLEMONT REGIONAL.....	2,403,878	245,211
0895-HINGHAM PUBLIC SCHOOLS.....	103,636,990	10,571,652
0900-HOLBROOK PUBLIC SCHOOLS.....	25,323,200	2,583,132
0910-HOLLAND PUBLIC SCHOOLS.....	4,805,568	490,199
0915-HOLLISTON PUBLIC SCHOOLS.....	71,659,183	7,309,706
0920-HOLYOKE PUBLIC SCHOOLS.....	120,808,657	12,323,275
0925-HOPEDALE PUBLIC SCHOOLS.....	26,188,514	2,671,400
0930-HOPKINTON PUBLIC SCHOOLS.....	106,881,178	10,902,581
0940-HUDSON PUBLIC SCHOOLS.....	77,395,481	7,894,846
0945-HULL PUBLIC SCHOOLS.....	29,410,448	3,000,059
0950-IPSWICH PUBLIC SCHOOLS.....	47,221,695	4,816,922
0955-KING PHILIP REGIONAL.....	40,751,668	4,156,937
0960-KINGSTON PUBLIC SCHOOLS.....	18,332,740	1,870,060
0965-LABBB COLLABORATIVE.....	24,159,633	2,464,441
0980-LANESBOROUGH PUBLIC SCHOOLS.....	5,547,477	565,879
0985-LAWRENCE PUBLIC SCHOOLS.....	308,512,586	31,470,306
0990-LEE PUBLIC SCHOOLS.....	19,477,381	1,986,821
0995-LEICESTER PUBLIC SCHOOLS.....	33,728,906	3,440,570
1000-LENOX PUBLIC SCHOOLS.....	22,716,456	2,317,227
1005-LEOMINSTER PUBLIC SCHOOLS.....	128,079,658	13,064,965
1010-LEVERETT PUBLIC SCHOOLS.....	3,771,003	384,667
1015-LEXINGTON PUBLIC SCHOOLS.....	213,858,022	21,814,920
1025-LINCOLN PUBLIC SCHOOLS.....	46,567,518	4,750,192
1030-LINCOLN-SUDBURY REGIONAL.....	49,608,591	5,060,402
1035-LITTLETON PUBLIC SCHOOLS.....	35,396,068	3,610,631
1040-LONGMEADOW PUBLIC SCHOOLS.....	71,371,871	7,280,399
1045-LOWELL PUBLIC SCHOOLS.....	322,999,676	32,948,084
1050-LOWER PIONEER COLLAB.....	14,518,498	1,480,982
1055-LUDLOW PUBLIC SCHOOLS.....	63,354,969	6,462,622
1060-LUNENBURG PUBLIC SCHOOLS.....	35,481,335	3,619,329
1065-LYNN PUBLIC SCHOOLS.....	323,521,810	33,001,346
1070-LYNNFIELD PUBLIC SCHOOLS.....	55,854,804	5,697,556
1075-MALDEN PUBLIC SCHOOLS.....	155,931,767	15,906,063
1082-MANCHESTER ESSEX REGIONAL SCHOOL.....	42,805,996	4,366,492
1085-MANSFIELD PUBLIC SCHOOLS.....	103,560,316	10,563,831
1090-MARBLEHEAD PUBLIC SCHOOLS.....	81,616,869	8,325,456
1095-MARION PUBLIC SCHOOLS.....	10,897,228	1,111,589

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1100-MARTHA'S VINEYARD PUBLIC SCHOOLS.....	35,313,894	3,602,249
1105-MARSHFIELD PUBLIC SCHOOLS.....	101,339,201	10,337,263
1110-MARLBOROUGH PUBLIC SCHOOLS.....	123,676,963	12,615,861
1115-MASCONOMET REGIONAL SCHOOL.....	54,124,167	5,521,020
1120-MASHPEE PUBLIC SCHOOLS.....	46,239,419	4,716,724
1125-MATTAPOISETT PUBLIC SCHOOLS.....	12,360,994	1,260,902
1130-MAYNARD PUBLIC SCHOOLS.....	36,401,078	3,713,149
1135-MEDFIELD PUBLIC SCHOOLS.....	68,911,336	7,029,408
1140-MEDFORD PUBLIC SCHOOLS.....	130,145,879	13,275,733
1145-MEDWAY PUBLIC SCHOOLS.....	60,892,954	6,211,480
1150-MELROSE PUBLIC SCHOOLS.....	70,683,576	7,210,188
1155-MENDON-UPTON REGIONAL SCHOOL DISTRICT.....	50,399,017	5,141,030
1165-VALLEY COLLABORATIVE SCHOOL.....	18,790,793	1,916,784
1170-METHUEN PUBLIC SCHOOLS.....	164,774,468	16,808,076
1175-MIDDLEBOROUGH PUBLIC SCHOOLS.....	72,538,044	7,399,356
1180-MIDDLETON PUBLIC SCHOOLS.....	19,360,972	1,974,946
1185-MILFORD PUBLIC SCHOOLS.....	96,595,008	9,853,324
1190-MILLBURY PUBLIC SCHOOLS.....	40,061,273	4,086,512
1195-MILLIS PUBLIC SCHOOLS.....	33,445,967	3,411,708
1200-MILTON PUBLIC SCHOOLS.....	100,281,611	10,229,382
1205-MINUTEMAN REGIONAL VOCATIONAL SCHOOL.....	32,606,846	3,326,112
1210-MOHAWK TRAIL REGIONAL SCHOOL.....	25,245,301	2,575,186
1215-MONROE PUBLIC SCHOOLS.....	85,951	8,768
1220-MONSON PUBLIC SCHOOLS.....	23,612,025	2,408,581
1225-MONTACHUSETT REGIONAL VOCATIONAL SCHOOL.....	36,325,937	3,705,484
1230-MOUNT GREYLOCK REGIONAL SCHOOL.....	16,617,630	1,695,107
1235-NAHANT PUBLIC SCHOOLS.....	2,995,786	305,590
1240-NANTUCKET PUBLIC SCHOOLS.....	49,857,572	5,085,799
1245-NARRAGANSETT REGIONAL SCHOOL DISTRICT.....	27,073,350	2,761,659
1250-NASHOBA REGIONAL SCHOOL DISTRICT.....	87,743,467	8,950,409
1255-NASHOBA VALLEY TECH.....	18,968,269	1,934,888
1260-NATICK PUBLIC SCHOOLS.....	119,659,447	12,206,048
1265-NAUSET REGIONAL SCHOOL.....	52,028,512	5,307,249
1275-NEEDHAM PUBLIC SCHOOLS.....	148,771,539	15,175,672
1285-NEW BEDFORD PUBLIC SCHOOLS.....	266,912,948	27,226,871
1295-NEW SALEM-WENDELL REGIONAL SCHOOL.....	4,670,335	476,405
1305-NEWBURYPORT PUBLIC SCHOOLS.....	59,123,247	6,030,959
1310-NEWTON PUBLIC SCHOOLS.....	375,785,250	38,332,559
1315-NORFOLK PUBLIC SCHOOLS.....	24,018,395	2,450,034
1320-NORFOLK COUNTY AGRICULTURAL SCHOOL.....	16,224,479	1,655,003
1325-NORTH ADAMS PUBLIC SCHOOLS.....	34,895,219	3,559,541

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1330-NORTH ANDOVER PUBLIC SCHOOLS.....	93,180,709	9,505,043
1335-NORTH ATTLEBORO PUBLIC SCHOOLS.....	91,875,084	9,371,861
1340-NORTH BROOKFIELD PUBLIC SCHOOLS.....	12,524,692	1,277,601
1345-NORTH MIDDLESEX REGIONAL SCHOOL.....	70,226,463	7,163,560
1350-NORTH READING PUBLIC SCHOOLS.....	63,680,769	6,495,856
1355-NORTH RIVER COLLABORATIVE SCHOOL.....	13,681,515	1,395,604
1365-NORTHAMPTON PUBLIC SCHOOLS.....	75,060,552	7,656,668
1370-NORTHBOROUGH PUBLIC SCHOOLS.....	49,388,653	5,037,966
1375-NORTHBORO-SOUTHBORO REGIONAL SCHOOL.....	41,168,114	4,199,417
1380-NORTHBRIDGE PUBLIC SCHOOLS.....	48,299,329	4,926,848
1385-NORTHEAST METRO REGIONAL VOCATIONAL SCH.....	37,496,251	3,824,863
1390-NORTHERN BERKSHIRE REGIONAL VOC. SCH.....	16,106,567	1,642,975
1400-NORTON PUBLIC SCHOOLS.....	58,009,760	5,917,376
1405-NORWELL PUBLIC SCHOOLS.....	58,662,628	5,983,973
1410-NORWOOD PUBLIC SCHOOLS.....	88,969,401	9,075,462
1415-OAK BLUFFS PUBLIC SCHOOLS.....	14,207,128	1,449,220
1425-OLD COLONY VOCATIONAL SCHOOL.....	16,988,235	1,732,911
1430-OLD ROCHESTER REGIONAL SCHOOL.....	29,118,750	2,970,303
1435-ORANGE PUBLIC SCHOOLS.....	12,443,456	1,269,314
1440-ORLEANS PUBLIC SCHOOLS.....	7,679,617	783,371
1445-FARMINGTON RIVER PUBLIC SCHOOLS.....	3,403,295	347,158
1450-OXFORD PUBLIC SCHOOLS.....	40,093,044	4,089,753
1455-PALMER PUBLIC SCHOOLS.....	31,840,046	3,247,893
1460-PATHFINDER REGIONAL VOC.....	23,800,279	2,427,784
1470-PEABODY PUBLIC SCHOOLS.....	131,504,008	13,414,271
1475-PELHAM PUBLIC SCHOOLS.....	3,787,637	386,364
1480-PEMBROKE PUBLIC SCHOOLS.....	66,222,059	6,755,084
1485-PENTUCKET REGIONAL SCHOOL.....	62,135,842	6,338,263
1490-PETERSHAM CENTER SCHOOL.....	2,395,384	244,345
1495-PILGRIM AREA COLLABORATIVE.....	11,429,614	1,165,896
1500-PIONEER VALLEY REGIONAL.....	23,116,144	2,357,998
1505-PITTSFIELD PUBLIC SCHOOLS.....	137,433,315	14,019,099
1515-PLAINVILLE PUBLIC SCHOOLS.....	16,267,766	1,659,419
1520-PLYMOUTH PUBLIC SCHOOLS.....	186,148,607	18,988,378
1530-PLYMPTON PUBLIC SCHOOLS.....	4,878,880	497,678
1540-ACCEPT EDUCATIONAL COLLABORATIVE.....	7,257,012	740,263
1550-PROVINCETOWN PUBLIC SCHOOLS.....	5,871,456	598,927
1556-QUABBIN REGIONAL SCHOOL.....	51,079,956	5,210,490
1560-QUABOAG REGIONAL SCHOOL DISTRICT.....	28,819,294	2,939,757
1565-QUINCY PUBLIC SCHOOLS.....	229,760,795	23,437,107
1566-QUINCY COLLEGE.....	15,892,880	1,621,178

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1570-RALPH C. MAHAR REG. SCHOOL.....	18,389,560	1,875,856
1575-RANDOLPH PUBLIC SCHOOLS.....	71,354,490	7,278,626
1585-READING PUBLIC SCHOOLS.....	98,468,028	10,044,384
1590-READS COLLABORATIVE.....	11,433,698	1,166,312
1605-REVERE PUBLIC SCHOOLS.....	172,208,154	17,566,361
1610-RICHMOND PUBLIC SCHOOLS.....	4,980,771	508,071
1615-ROCHESTER PUBLIC SCHOOLS.....	12,630,574	1,288,401
1620-ROCKLAND PUBLIC SCHOOLS.....	50,369,298	5,137,999
1625-ROCKPORT PUBLIC SCHOOLS.....	27,633,270	2,818,775
1630-ROWE PUBLIC SCHOOLS.....	2,421,567	247,016
1645-SALEM PUBLIC SCHOOLS.....	129,844,131	13,244,953
1660-SANDWICH PUBLIC SCHOOLS.....	66,072,376	6,739,815
1665-SAUGUS PUBLIC SCHOOLS.....	64,967,765	6,627,138
1670-SAVOY PUBLIC SCHOOLS.....	1,125,527	114,811
1675-SCITUATE PUBLIC SCHOOLS.....	84,962,764	8,666,759
1680-SEEKONK PUBLIC SCHOOLS.....	50,388,105	5,139,917
1685-SEEM COLLABORATIVE.....	24,671,118	2,516,616
1690-SHARON PUBLIC SCHOOLS.....	95,704,726	9,762,509
1695-SHAWSHOEN VALLEY VOC.....	44,607,112	4,550,218
1700-SHERBORN PUBLIC SCHOOLS.....	11,924,906	1,216,419
1710-SHORE COLLABORATIVE.....	12,442,400	1,269,206
1715-SHREWSBURY PUBLIC SCHOOLS.....	133,864,419	13,655,048
1720-SHUTESBURY PUBLIC SCHOOLS.....	3,667,241	374,083
1725-SILVER LAKE REGIONAL SCHOOL DIST.....	45,966,590	4,688,894
1730-SOMERSET PUBLIC SCHOOLS.....	37,346,623	3,809,600
1735-SOMERVILLE PUBLIC SCHOOLS.....	143,094,195	14,596,546
1745-SOUTH HADLEY PUBLIC SCHOOLS.....	42,919,417	4,378,062
1750-SOUTH MIDDLESEX REGIONAL VOC.....	26,433,576	2,696,398
1755-SOUTH SHORE REGIONAL SCHOOL DIST.....	20,255,478	2,066,192
1760-SOUTH SHORE EDUCATIONAL COLLABORATIVE.....	29,573,474	3,016,688
1765-SOUTHERN WORCESTER COUNTY REGIONAL SCH.....	35,250,193	3,595,751
1770-SOUTHAMPTON PUBLIC SCHOOLS.....	10,345,418	1,055,301
1775-SOUTHBOROUGH PUBLIC SCHOOLS.....	40,946,279	4,176,789
1780-SOUTHBRIDGE PUBLIC SCHOOLS.....	49,495,663	5,048,882
1785-SOUTHEASTERN REGIONAL VOC. SCHOOL DIST.....	37,280,025	3,802,807
1790-SOUTHEASTERN MASS. COLLAB.....	4,243,316	432,846
1795-SOUTHERN BERKSHIRE REGIONAL.....	21,314,978	2,174,267
1800-SOUTHERN WORCESTER CO. ED. COLLAB.....	7,484,366	763,454
1805-SOUTHWICK-TOLLAND REGIONAL.....	38,876,229	3,965,630
1810-NORTH SHORE EDUCATION CONSORTIUM.....	24,611,520	2,510,536
1820-SPENCER-EAST BROOKFIELD PUBLIC SCHOOLS.....	32,274,847	3,292,246

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1825-SPRINGFIELD PUBLIC SCHOOLS.....	555,999,756	56,715,620
1835-STONEHAM PUBLIC SCHOOLS.....	56,983,323	5,812,673
1840-STOUGHTON PUBLIC SCHOOLS.....	96,363,954	9,829,755
1850-STURBRIDGE PUBLIC SCHOOL.....	22,225,690	2,267,166
1855-SUDBURY PUBLIC SCHOOLS.....	74,707,293	7,620,634
1860-SUNDERLAND PUBLIC SCHOOLS.....	4,970,445	507,018
1865-SUTTON PUBLIC SCHOOLS.....	32,125,185	3,276,979
1870-SWAMPSCOTT PUBLIC SCHOOLS.....	60,255,663	6,146,473
1875-SWANSEA PUBLIC SCHOOLS.....	45,014,322	4,591,756
1880-TANTASQUA REGIONAL HIGH SCHOOL.....	44,572,444	4,546,682
1885-TAUNTON PUBLIC SCHOOLS.....	161,566,534	16,480,846
1890-TECH. COLLAB. THE ED. COOPERATIVE.....	8,960,099	913,989
1895-TEWKSBURY PUBLIC SCHOOLS.....	80,992,323	8,261,748
1900-TISBURY PUBLIC SCHOOLS.....	12,724,426	1,297,975
1905-TOPSFIELD PUBLIC SCHOOLS.....	16,424,903	1,675,448
1910-TRI-COUNTY REGIONAL VOC.....	33,548,520	3,422,169
1915-TRITON PUBLIC SCHOOLS.....	64,938,550	6,624,158
1920-TRURO PUBLIC SCHOOLS.....	5,027,739	512,862
1925-TYNGSBOROUGH PUBLIC SCHOOLS.....	41,988,965	4,283,150
1935-UPPER CAPE COD VOC. SCHOOL.....	21,972,705	2,241,360
1936-UP ISLAND REGIONAL SCHOOL.....	13,365,525	1,363,371
1940-UXBRIDGE PUBLIC SCHOOLS.....	39,419,443	4,021,042
1950-WACHUSETT REGIONAL SCHOOL DIST.....	144,364,094	14,726,084
1955-WAKEFIELD PUBLIC SCHOOLS.....	81,512,195	8,314,778
1960-WALES PUBLIC SCHOOLS.....	3,187,899	325,187
1965-WALPOLE PUBLIC SCHOOLS.....	101,023,275	10,305,036
1970-WALTHAM PUBLIC SCHOOLS.....	160,484,933	16,370,515
1975-WARE PUBLIC SCHOOLS.....	24,301,334	2,478,895
1980-WAREHAM PUBLIC SCHOOLS.....	56,992,087	5,813,566
2000-WATERTOWN PUBLIC SCHOOLS.....	84,744,346	8,644,479
2005-WAYLAND PUBLIC SCHOOLS.....	81,289,015	8,292,012
2010-WEBSTER PUBLIC SCHOOLS.....	40,507,501	4,132,031
2015-WELLESLEY PUBLIC SCHOOLS.....	161,173,004	16,440,703
2020-WELLFLEET PUBLIC SCHOOLS.....	4,969,100	506,881
2025-WEST BOYLSTON PUBLIC SCHOOLS.....	23,696,325	2,417,180
2030-WEST BRIDGEWATER PUBLIC SCHOOLS.....	27,621,334	2,817,557
2045-WEST SPRINGFIELD PUBLIC SCHOOLS.....	91,614,693	9,345,299
2055-WESTBOROUGH PUBLIC SCHOOLS.....	98,165,413	10,013,516
2060-WESTFIELD PUBLIC SCHOOLS.....	127,247,262	12,980,055
2065-WESTFORD PUBLIC SCHOOLS.....	121,955,066	12,440,216
2070-WESTHAMPTON PUBLIC SCHOOLS.....	3,130,985	319,381

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
2080-WESTON PUBLIC SCHOOLS.....	78,315,763	7,988,721
2085-WESTPORT PUBLIC SCHOOLS.....	35,460,117	3,617,164
2090-WESTWOOD PUBLIC SCHOOLS.....	91,845,701	9,368,864
2095-WEYMOUTH PUBLIC SCHOOLS.....	139,322,714	14,211,830
2100-WHATELY PUBLIC SCHOOLS.....	3,314,099	338,060
2110-WHITMAN-HANSON REGIONAL.....	78,231,514	7,980,127
2120-WILLIAMSBURG PUBLIC SCHOOLS.....	4,550,216	464,152
2125-WILLIAMSTOWN PUBLIC SCHOOLS.....	10,810,305	1,102,722
2130-WILMINGTON PUBLIC SCHOOLS.....	85,401,624	8,711,525
2135-WINCENDON PUBLIC SCHOOLS.....	29,935,719	3,053,640
2140-WINCHESTER PUBLIC SCHOOLS.....	113,116,935	11,538,669
2145-WINTHROP PUBLIC SCHOOLS.....	41,044,640	4,186,822
2150-WHITTIER VOC. SCHOOL DIST.....	38,639,294	3,941,461
2155-WOBURN PUBLIC SCHOOLS.....	120,532,427	12,295,098
2160-WORCESTER PUBLIC SCHOOLS.....	599,739,073	61,177,317
2162-MASS ACADEMY OF MATH AND SCIENCE.....	1,846,559	188,361
2164-WORTHINGTON PUBLIC SCHOOLS.....	1,237,028	126,185
2165-WRENTHAM PUBLIC SCHOOLS.....	23,485,028	2,395,627
2200-AYER SHIRLEY REGIONAL.....	36,298,112	3,702,645
2205-SOMERSET-BERKLEY REGIONAL.....	24,519,057	2,501,105
2210-MONOMOY REGIONAL SCHOOL DISTRICT.....	53,006,926	5,407,054
2215-ESSEX NORTH SHORE AGRICULTURAL & TECHNICAL.....	38,225,614	3,899,263
3000-MASS VIRTUAL ACADEMY AT GREENFIELD.....	2,157,011	220,029
3005-TECCA VIRTUAL SCHOOL.....	4,578,256	467,012
4005-COMMUNITY DAY CHARTER SCHOOL.....	9,980,525	1,018,079
4010-CITY ON A HILL CHARTER SCHOOL.....	8,459,180	862,892
4015-ATLANTIS CHARTER SCHOOL.....	17,887,928	1,824,686
4020-CAPE COD LIGHTHOUSE CHARTER SCHOOL.....	6,216,767	634,151
4025-HILLTOWN COOPERATIVE CHARTER SCHOOL.....	4,459,590	454,907
4030-BENJAMIN FRANKLIN CLASSICAL CHARTER SCH.....	8,137,977	830,127
4035-SOUTH SHORE CHARTER SCHOOL.....	15,537,917	1,584,969
4040-LOWELL MIDDLESEX ACADEMY CHARTER SCH.....	2,562,296	261,371
4055-BOSTON RENAISSANCE CHARTER SCHOOL.....	21,454,419	2,188,491
4060-MARBLEHEAD COMMUNITY CHARTER SCHOOL.....	4,973,387	507,318
4065-FRANCIS W. PARKER CHARTER SCHOOL.....	9,243,318	942,879
4070-NEIGHBORHOOD HOUSE CHARTER SCHOOL.....	10,515,337	1,072,633
4075-ACADEMY OF THE PACIFIC RIM CHARTER SCH.....	12,250,208	1,249,602
4080-BENJAMIN BANNEKER CHARTER SCHOOL.....	8,699,150	887,370
4090-LAWRENCE FAMILY DEVELOPMENT CHARTER SCH.....	14,035,902	1,431,754
4095-MARTHA'S VINEYARD CHARTER SCHOOL.....	5,860,370	597,796
4105-SABIS INTERNATIONAL CHARTER SCHOOL.....	21,944,644	2,238,498

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
4115-PIONEER VALLEY PERFORMING ARTS CHARTER.....	9,236,690	942,203
4120-PROSPECT HILL ACADEMY CHARTER SCHOOL.....	32,391,216	3,304,116
4125-SEVEN HILLS CHARTER SCHOOL.....	13,155,807	1,341,979
4140-ABBY KELLEY FOSTER REGIONAL CHARTER.....	28,280,987	2,884,846
4145-MYSTIC VALLEY REGIONAL CHARTER SCHOOL.....	23,663,789	2,413,862
4150-FOXBORO REGIONAL CHARTER SCHOOL.....	21,152,286	2,157,672
4165-RISING TIDE CHARTER.....	12,340,363	1,258,798
4170-BOSTON COLLEGIATE CHARTER SCHOOL.....	19,056,289	1,943,866
4175-STURGIS CHARTER SCHOOL.....	23,135,170	2,359,939
4180-RIVER VALLEY CHARTER SCHOOL.....	5,073,051	517,484
4200-CONSERVATORY LAB CHARTER SCHOOL.....	8,837,713	901,505
4205-ROXBURY PREPARATORY CHARTER.....	27,480,979	2,803,240
4210-MEDIA & TECH CHARTER HIGH SCH.....	24,030,154	2,451,233
4225-CODMAN ACADEMY CHARTER SCHOOL.....	9,078,225	926,038
4235-CHRISTA MCAULIFFE REG. CHARTER P.S.....	9,313,288	950,016
4240-NORTH CENTRAL CHARTER ESSENTIAL SCHOOL.....	8,906,232	908,494
4245-INNOVATION ACADEMY CHARTER SCHOOL.....	16,885,242	1,722,405
4250-EDWARD BROOKE CHARTER SCHOOL.....	16,427,789	1,675,742
4260-FOUR RIVER CHARTER PUBLIC SCHOOL.....	4,777,485	487,335
4265-BOSTON PREPARATORY CHARTER SCHOOL.....	11,569,279	1,180,142
4270-EXCEL ACADEMY CHARTER SCHOOL.....	22,812,671	2,327,042
4275-SALEM ACADEMY CHARTER SCHOOL.....	10,369,631	1,057,770
4285-BERKSHIRE ARTS AND TECHNOLOGY CHARTER.....	6,935,349	707,451
4290-HELEN Y. DAVIS LEADERSHIP ACADEMY CHARTER PUBLIC.....	5,777,632	589,356
4295-HILLVIEW MONTESSORI CHARTER SCHOOL.....	4,516,261	460,688
4300-KIPP ACADEMY LYNN CHARTER SCHOOL.....	25,521,026	2,603,312
4305-ADVANCED MATH & SCIENCE ACADEMY CHARTER SCHOOL.....	19,255,712	1,964,209
4310-COMMUNITY CHARTER SCHOOL OF CAMBRIDGE.....	10,217,922	1,042,295
4315-HOLYOKE COMMUNITY CHARTER SCHOOL.....	11,188,133	1,141,263
4320-MARTIN LUTHER KING JR. CHARTER SCHOOL.....	8,956,561	913,628
4325-PHOENIX CHARTER ACADEMY.....	4,461,620	455,115
4330-PIONEER VALLEY CHINESE IMMERSION CHARTER.....	10,966,418	1,118,647
4420-LOWELL COMMUNITY CHARTER SCHOOL.....	15,479,527	1,579,013
4425-PIONEER CHARTER SCHOOL OF SCIENCE.....	8,546,524	871,801
4430-GLOBAL LEARNING CHARTER PUBLIC SCHOOL.....	8,849,702	902,728
4435-DORCHESTER COLLEGIATE ACADEMY CHARTER.....	6,135,019	625,812
4440-HAMPDEN CHARTER SCHOOL OF SCIENCE.....	7,875,312	803,333
4510-ALMA DEL MAR CHARTER SCHOOL.....	5,027,098	512,797
4515-BRIDGE BOSTON CHARTER SCHOOL.....	5,388,728	549,686
4535-EDWARD W. BROOKE CHARTER SCHOOL 2.....	11,226,828	1,145,210
4550-VERITAS PREPARATORY CHARTER SCHOOL.....	6,871,707	700,959

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER
As of and for the fiscal year ended June 30, 2016
(Unaudited)

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
4560-EDWARD W. BROOKE CHARTER SCHOOL -3.....	11,356,182	1,158,405
4565-CDCPS-GATEWAY.....	5,038,023	513,911
4570-CDCPS-R KINGMAN WEBSTER.....	5,084,669	518,670
4575-KIPP ACADEMY BOSTON CHARTER SCHOOL.....	10,885,950	1,110,438
4580-PAULO FREIRE SOCIAL JUSTICE CHARTER SCHOOL.....	6,613,900	674,661
4585-CITY ON A HILL CHARTER 2.....	5,205,366	530,981
4590-CITY ON A HILL CHARTER - NEW BEDFORD.....	2,603,059	265,529
4595-PIONEER CHARTER SCHOOL OF SCIENCE II.....	5,819,534	593,631
4600-THE LOWELL COLLEGIATE CHARTER SCHOOL.....	5,172,187	527,597
4605-BAY STATE ACADEMY CHARTER PUBLIC SCHOOL.....	5,566,619	567,832
4610-PHOENIX CHARTER ACADEMY SPRINGFIELD.....	2,696,900	275,101
4615-ARGOSY COLLEGIATE CHARTER SCHOOL.....	3,290,168	335,619
4620-SPRINGFIELD PREPARATORY CHARTER SCHOOL.....	2,057,645	209,893
Totals.....	<u>\$ 22,357,928,000</u>	<u>\$ 2,280,655,227</u>

See accompanying notes to supplemental schedules.

MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

Notes to Supplemental Schedules

June 30, 2016

(Unaudited)

NOTE 1 - SCHEDULE OF EMPLOYER ALLOCATIONS OF SPECIAL FUNDING AMOUNTS

The Supplemental Schedule of Employer Allocations of Special Funding Amounts shows the total Commonwealth support provided to the employers for the year ending June 30, 2016. The total of Commonwealth provided contributions has been allocated based on the ratio of each employer's covered payroll to the total covered payroll (approximately \$6,577,655,000) of employers in MTRS as of the measurement date of June 30, 2016. The Supplemental Schedule of Employer Allocations of Special Funding Amounts is included to provide employers with their calculated proportionate share that will be used to recognize pension expense and revenue and to disclose the proportionate share of the collective net pension liability.

NOTE 2 - COMPONENTS ON SCHEDULE OF SPECIAL FUNDING AMOUNTS BY EMPLOYER

Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District

The Commonwealth'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, 2016, as shown in the Supplemental Schedule of Employer Allocations of Special Funding Amounts.

Employer Pension Expense and Revenue from Commonwealth 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 Commonwealth). All employers in MTRS are special funding situations with employer contributions paid by the Commonwealth. The amount reported in the Employer Pension Expense and Revenue from Commonwealth Support Column are calculated for each participating employer by multiplying the collective pension expense by the allocation percentage as shown in the Supplemental Schedule of Employer Allocations of Special Funding Amounts.