

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM**  
**INDEPENDENT AUDITORS' REPORT ON PENSION PLAN SCHEDULES**  
**AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM**  
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**AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

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## INDEPENDENT AUDITORS' REPORT

Mr. William McNamara, Comptroller  
Commonwealth of Massachusetts

### Report on Schedules

We have audited the accompanying schedule of nonemployer allocations of the Massachusetts Teachers' Retirement System (MTRS) as of and for the fiscal year ended June 30, 2021, and the related notes.

We have also audited the total for the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total nonemployer pension expense as of and for the fiscal year ended June 30, 2021 (specified column totals), included in the accompanying schedule of collective pension amounts of MTRS as of and for the fiscal year ended June 30, 2021, 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 accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of 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 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 the specified column totals 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 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 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.

Mr. William McNamara, Comptroller  
Commonwealth of Massachusetts

### **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, total deferred inflows of resources, and total nonemployer pension expense for MTRS as of and for the fiscal year ended June 30, 2021, in accordance with accounting principles generally accepted in the United States of America.

### **Other Matter**

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the Commonwealth of Massachusetts as of and for the fiscal year ended June 30, 2021, and our report thereon, dated April 28, 2022, expressed an unmodified opinion on those financial statements. MTRS is reported as a pension trust fund in the financial statements of the Commonwealth of Massachusetts.

### **Supplemental Information**

The supplemental schedule of employer allocations of special funding amounts, the supplemental schedule of special funding amounts by employer, and the 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 the 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.



**CliftonLarsonAllen LLP**

Boston, Massachusetts  
July 28, 2022

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
 SCHEDULE OF NONEMPLOYER ALLOCATIONS  
 AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

Nonemployer	Nonemployer Contributions	Allocation Percentage
Commonwealth of Massachusetts.....	\$ 1,748,483,000	100.00000%

*See accompanying notes to schedules.*

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SCHEDULE OF COLLECTIVE PENSION AMOUNTS  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

Nonemployer	Net Pension Liability	Deferred Outflows of Resources			Deferred Inflows of Resources			Pension Expense
		Differences Between Expected and Actual Experience	Changes of Assumptions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Differences Between Projected and Actual Investment Earnings on Pension Plan Investments	Total Deferred Inflows of Resources	Total Nonemployer Pension Expense
Commonwealth of Massachusetts.....	\$ 22,706,876,000	\$ 399,866,362	\$ 1,877,366,449	\$ 2,277,232,811	\$ 466,673,449	\$ 4,201,386,600	\$ 4,668,060,049	\$ 1,822,132,238

*See accompanying notes to schedules.*

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
NOTES TO SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

**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 reported as a pension trust fund in the Commonwealth's Annual Comprehensive Financial Report 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, the State Treasurer (or their designee), the State Auditor (or their designee), a member appointed by the Governor, the Commissioner of Education (or their designee), who serves ex-officio as the Chairman of the MTRB and one who is chosen by the six other MTRB members.

**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 SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

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

In addition, members who join the system on or after April 2, 2012, will have their withholding rates reduced to 8% for those participating in Retirement plus otherwise the withholdings are reduced to 6% plus 2% on earnings over \$30,000 a year after achieving 30 years of creditable service.

**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 - 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.



**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
NOTES TO SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

**NOTE 4 - COLLECTIVE NET PENSION LIABILITY**

The collective net pension liability on June 30, 2021 was as follows (amounts in thousands):

Total pension liability.....	\$ 59,795,000
Less:	
Plan fiduciary net position.....	37,088,124
Net pension liability.....	\$ 22,706,876
Plan fiduciary net position as a percentage of total pension liability.....	62.03%

***Actuarial Assumptions***

The total pension liability for the June 30, 2021 measurement date was determined by an actuarial valuation as of January 1, 2021 rolled forward to June 30, 2021, using the following actuarial assumptions:

1. (a) 7.00% 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 of allowance per year.
2. Salary increases are based on analyses of past experience but range from 4.00% to 7.50% depending on length of service.
3. Mortality rates were as follows:
  - Pre-retirement - reflects Pub-2010 Teachers Employees mortality table (headcount weighted) projected generationally with Scale MP-2020 (gender distinct).
  - Post-retirement - reflects Pub-2010 Teachers Retirees mortality table (headcount weighted) projected generationally with Scale MP-2020 (gender distinct).
  - Disability - assumed to be in accordance with the Pub-2010 Teachers Retirees mortality table (headcount weighted) projected generationally with Scale MP-2020 (gender distinct).
4. Experience study was performed as follows:
  - Dated July 21, 2014 and encompasses the period January 1, 2006 to December 31, 2011, updated to reflect post-retirement mortality from 2012 to 2020 for post-retirement mortality.

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, 2021 are summarized in the following table:

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
NOTES TO SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Global Equity.....	39.0%	4.8%
Core Fixed Income.....	15.0%	0.3%
Private Equity.....	13.0%	7.8%
Portfolio Completion Strategies..	11.0%	2.9%
Real Estate.....	10.0%	3.7%
Value Added Fixed Income.....	8.0%	3.9%
Timberland/Natural Resources..	4.0%	4.3%
Total.....	100.0%	

***Discount Rate***

The discount rate used to measure the total pension liability was 7.00%. The projection of cash flows used to determine the discount rate assumed that 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, the net position was projected to be available to make all projected future benefit payments of current 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, 2021. 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 6.00%	Current Discount Rate 7.00%	1% Increase to 8.00%
\$ 29,687,706	\$ 22,706,876	\$ 16,882,184

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM**  
**NOTES TO SCHEDULES**  
**AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

**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):

	Year of Deferral	Amortization Period	Balance July 1, 2020	Additions	Deletions	Balance June 30, 2021
<b>Deferred Outflows of Resources:</b>						
Difference between expected and actual experience.....	2015	6.2 years	\$ 4,937	\$ -	\$ (4,937)	\$ -
	2017	6.2 years	16,693	-	(7,587)	9,106
	2018	6.1 years	46,915	-	(15,134)	31,781
	2019	6.1 years	34,218	-	(8,346)	25,872
	2020	6.1 years	414,353		(81,246)	333,107
Subtotal.....			<u>517,116</u>	<u>-</u>	<u>(117,250)</u>	<u>399,866</u>
Change of assumptions.....	2015	6.2 years	99,354	-	(99,354)	-
	2017	6.2 years	417,292	-	(189,680)	227,612
	2018	6.1 years	429,425	-	(138,523)	290,902
	2019	6.1 years	387,820	-	(94,590)	293,230
	2020	6.1 years	718,180		(140,820)	577,360
	2021	6.1 years	-	584,000	(95,738)	488,262
Subtotal.....			<u>2,052,071</u>	<u>584,000</u>	<u>(758,705)</u>	<u>1,877,366</u>
Total deferred outflows of resources.....			<u>\$ 2,569,187</u>	<u>\$ 584,000</u>	<u>\$ (875,954)</u>	<u>\$ 2,277,233</u>
<b>Deferred Inflows of Resources:</b>						
Difference between expected and actual experience.....	2016	6.2 years	\$ (14,327)	\$ -	\$ 11,940	\$ (2,387)
	2021	6.1 years	-	(555,322)	91,036	(464,286)
Subtotal.....			<u>(14,327)</u>	<u>(555,322)</u>	<u>102,976</u>	<u>(466,673)</u>
Net difference between projected and actual earnings on plan investments.....	2017	5.0 years	(256,290)	-	256,290	-
	2018	5.0 years	(239,271)	-	119,636	(119,635)
	2019	5.0 years	272,812	-	(90,937)	181,875
	2020	5.0 years	1,188,679		(297,170)	891,509
	2021	5.0 years	-	(6,443,920)	1,288,784	(5,155,136)
Subtotal.....			<u>965,930</u>	<u>(6,443,920)</u>	<u>1,276,603</u>	<u>(4,201,387)</u>
Total deferred inflows of resources.....			<u>\$ 951,603</u>	<u>\$ (6,999,242)</u>	<u>\$ 1,379,579</u>	<u>\$ (4,668,060)</u>

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
NOTES TO SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021**

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	
2022.....	\$ (342,073)
2023.....	(377,863)
2024.....	(646,546)
2025.....	(1,051,724)
2026.....	26,909
Thereafter.....	470
Total.....	\$ (2,390,827)

**NOTE 6 - COLLECTIVE PENSION EXPENSE**

The following table shows the components of pension expense as of June 30, 2021 (amounts in thousands):

Service cost.....	\$ 1,085,414
Interest on the total pension liability.....	4,097,558
Employee contributions.....	(833,236)
Projected earnings on plan investments.....	(2,011,587)
Transfers and reimbursements from other systems.....	(71,195)
Member make up, redeposits and payments from rollovers.....	(17,498)
Other reimbursements.....	(3,234)
Administrative expense.....	21,783
Other changes.....	57,752
Recognition (amortization) of deferred outflows and inflows of resources:	
Differences between expected and actual experience.....	14,273
Differences between projected and actual earnings on plan investments....	(1,276,602)
Changes of assumptions.....	758,705
Pension expense.....	\$ 1,822,132

**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, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0100-ABINGTON PUBLIC SCHOOLS.....	\$ 3,440,173	0.196752%
0110-ACTON-BOXBOROUGH REGIONAL SCHOOL.....	10,779,008	0.616478%
0115-ACUSHNET PUBLIC SCHOOLS.....	1,552,829	0.088810%
0120-ADAMS-CHESHIRE REGIONAL SCHOOLS.....	1,829,214	0.104617%
0125-AGAWAM PUBLIC SCHOOLS.....	7,249,854	0.414637%
0130-AMESBURY PUBLIC SCHOOLS.....	3,921,744	0.224294%
0135-AMHERST PUBLIC SCHOOLS.....	2,875,165	0.164438%
0140-AMHERST-PELHAM REGIONAL SCHOOL DISTRICT.....	2,832,932	0.162022%
0145-ANDOVER PUBLIC SCHOOLS.....	12,843,763	0.734566%
0150-ARLINGTON PUBLIC SCHOOLS.....	10,916,914	0.624365%
0160-ASHBURNHAM-WESTMINSTER REGIONAL SCHOOL.....	3,573,289	0.204365%
0170-ASHLAND PUBLIC SCHOOLS.....	5,074,220	0.290207%
0175-ASSABET VALLEY REGIONAL VOCATIONAL SCHOOL.....	2,677,897	0.153155%
0180-ASSABET VALLEY COLLABORATIVE SCHOOL.....	869,478	0.049728%
0185-ATHOL-ROYALSTON REGIONAL SCHOOL.....	2,425,436	0.138717%
0190-ATTLEBORO PUBLIC SCHOOLS.....	9,840,836	0.562821%
0195-AUBURN PUBLIC SCHOOLS.....	4,263,735	0.243853%
0200-AVON PUBLIC SCHOOLS.....	1,502,214	0.085915%
0210-BARNSTABLE PUBLIC SCHOOLS.....	10,377,024	0.593487%
0220-BEDFORD PUBLIC SCHOOLS.....	6,560,685	0.375222%
0225-BELCHERTOWN PUBLIC SCHOOLS.....	3,664,759	0.209596%
0230-BELLINGHAM PUBLIC SCHOOLS.....	3,975,429	0.227364%
0235-BELMONT PUBLIC SCHOOLS.....	7,807,938	0.446555%
0240-BERKLEY PUBLIC SCHOOLS.....	1,401,363	0.080147%
0245-BERKSHIRE HILLS REGIONAL SCHOOL DISTRICT.....	2,652,390	0.151697%
0255-BERLIN-BOYLSTON REGIONAL SCHOOL.....	2,162,630	0.123686%
0265-BEVERLY PUBLIC SCHOOLS.....	8,118,586	0.464322%
0270-BICOUNTY COLLABORATIVE SCHOOL.....	1,188,965	0.068000%
0275-BILLERICA PUBLIC SCHOOLS.....	10,369,527	0.593059%
0280-BLACKSTONE-MILLVILLE REGIONAL SCHOOL.....	2,476,625	0.141644%
0285-BLACKSTONE VALLEY REGIONAL VOCATIONAL SCHOOL.....	2,520,709	0.144165%
0300-BLUE HILLS REGIONAL TECH.....	2,124,218	0.121489%
0315-BOURNE PUBLIC SCHOOLS.....	3,781,903	0.216296%
0325-BOXFORD PUBLIC SCHOOLS.....	1,611,484	0.092165%
0335-BRAINTREE PUBLIC SCHOOLS.....	11,296,125	0.646053%
0340-BREWSTER PUBLIC SCHOOLS.....	950,135	0.054341%
0350-BRIDGewater-RAYNHAM REGIONAL SCHOOL.....	8,447,223	0.483117%
0355-BRIMFIELD PUBLIC SCHOOLS.....	536,034	0.030657%
0360-BRISTOL COUNTY AGRICULTURAL SCHOOL.....	794,946	0.045465%
0365-BRISTOL-PLYMOUTH REGIONAL SCHOOL.....	2,734,876	0.156414%
0370-BROCKTON PUBLIC SCHOOLS.....	28,089,175	1.606488%
0375-BROOKFIELD PUBLIC SCHOOLS.....	479,305	0.027413%
0380-BROOKLINE PUBLIC SCHOOLS.....	20,032,798	1.145725%
0390-BURLINGTON PUBLIC SCHOOLS.....	8,946,670	0.511682%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0395-CAMBRIDGE PUBLIC SCHOOLS.....	\$ 23,392,553	1.337877%
0400-CANTON PUBLIC SCHOOLS.....	6,686,109	0.382395%
0410-CAPE COD REGIONAL SCHOOL DISTRICT.....	1,518,462	0.086845%
0415-CAPE COD COLLABORATIVE.....	668,362	0.038225%
0420-CAPS COLLABORATIVE.....	601,200	0.034384%
0425-CARLISLE PUBLIC SCHOOLS.....	1,805,310	0.103250%
0430-CARVER PUBLIC SCHOOLS.....	2,879,461	0.164683%
0435-CASE COLLABORATIVE.....	762,663	0.043619%
0440-CENTRAL BERKSHIRE REGIONAL.....	2,783,161	0.159176%
0445-CENTRAL MASS. SPEC. ED. COLLABORATIVE.....	1,756,723	0.100471%
0460-CHELMSFORD PUBLIC SCHOOLS.....	8,785,152	0.502444%
0465-CHELSEA PUBLIC SCHOOLS.....	9,985,807	0.571113%
0470-CHESTERFIELD-GOSHEN REGIONAL.....	263,830	0.015089%
0475-CHICOPEE PUBLIC SCHOOLS.....	12,690,388	0.725794%
0485-CLARKSBURG PUBLIC SCHOOLS.....	389,620	0.022283%
0490-CLINTON PUBLIC SCHOOLS.....	3,173,621	0.181507%
0495-COHASSET PUBLIC SCHOOLS.....	3,284,426	0.187844%
0500-CONCORD PUBLIC SCHOOLS.....	5,597,003	0.320106%
0505-CONCORD-CARLISLE REGIONAL SCHOOL.....	3,491,404	0.199682%
0510-CONWAY PUBLIC SCHOOLS.....	332,501	0.019017%
0515-SOUTH COAST ED. COLLABORATIVE (COOPC).....	1,696,043	0.097001%
0520-DANVERS PUBLIC SCHOOLS.....	6,969,657	0.398612%
0525-DARTMOUTH PUBLIC SCHOOLS.....	6,744,370	0.385727%
0530-DEDHAM PUBLIC SCHOOLS.....	6,980,415	0.399227%
0540-DEERFIELD PUBLIC SCHOOLS.....	607,634	0.034752%
0545-DENNIS-YARMOUTH REGIONAL SCHOOLS.....	6,697,184	0.383028%
0555-DIGHTON-REHOBOTH REGIONAL SCHOOL.....	4,983,126	0.284997%
0560-DOUGLAS PUBLIC SCHOOLS.....	2,057,075	0.117649%
0565-DOVER PUBLIC SCHOOLS.....	1,056,797	0.060441%
0570-DOVER-SHERBORN REGIONAL SCHOOL.....	3,281,533	0.187679%
0575-DRACUT PUBLIC SCHOOLS.....	4,801,501	0.274610%
0580-DUDLEY-CHARLTON REGIONAL SCHOOLS.....	6,198,803	0.354525%
0585-DUXBURY PUBLIC SCHOOLS.....	5,476,809	0.313232%
0590-EAST BRIDGEWATER PUBLIC SCHOOLS.....	3,528,023	0.201776%
0600-EAST LONGMEADOW PUBLIC SCHOOLS.....	4,696,504	0.268605%
0605-EASTHAM PUBLIC SCHOOLS.....	544,652	0.031150%
0610-EASTHAMPTON PUBLIC SCHOOLS.....	2,328,908	0.133196%
0615-EASTON PUBLIC SCHOOLS.....	6,129,706	0.350573%
0617-EDCO COLLABORATIVE.....	437,323	0.025012%
0620-EDGARTOWN PUBLIC SCHOOLS.....	985,058	0.056338%
0625-ERVING PUBLIC SCHOOLS.....	412,299	0.023580%
0640-EVERETT PUBLIC SCHOOLS.....	12,890,130	0.737218%
0645-FAIRHAVEN PUBLIC SCHOOLS.....	3,149,422	0.180123%
0650-FALL RIVER PUBLIC SCHOOLS.....	16,735,650	0.957153%
0655-FALMOUTH PUBLIC SCHOOLS.....	7,363,475	0.421135%
0660-FITCHBURG PUBLIC SCHOOLS.....	8,610,857	0.492476%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0665-FLLAC COLLABORATIVE.....	\$ 939,828	0.053751%
0670-FLORIDA PUBLIC SCHOOLS.....	152,097	0.008699%
0675-FOXBOROUGH PUBLIC SCHOOLS.....	5,356,058	0.306326%
0680-FRAMINGHAM PUBLIC SCHOOLS.....	19,380,257	1.108404%
0685-FRANKLIN PUBLIC SCHOOLS.....	9,687,057	0.554026%
0690-FRANKLIN COUNTY REGIONAL SCHOOL DISTRICT.....	1,308,657	0.074845%
0700-FREETOWN-LAKEVILLE REGIONAL SCHOOLS.....	4,143,933	0.237002%
0705-FRONTIER REGIONAL SCHOOL DISTRICT.....	1,239,144	0.070870%
0710-GARDNER PUBLIC SCHOOLS.....	3,704,731	0.211883%
0715-GATEWAY REGIONAL SCHOOL.....	1,551,282	0.088722%
0725-GEORGETOWN PUBLIC SCHOOLS.....	2,442,039	0.139666%
0730-GILL-MONTAGUE REGIONAL.....	1,901,427	0.108747%
0735-GLOUCESTER PUBLIC SCHOOLS.....	6,026,707	0.344682%
0745-GOSNOLD PUBLIC SCHOOLS.....	10,145	0.000580%
0750-GRAFTON PUBLIC SCHOOLS.....	5,519,296	0.315662%
0755-GRANBY PUBLIC SCHOOLS.....	1,361,922	0.077892%
0765-DIMAN REGIONAL VOCATIONAL SCHOOL.....	3,313,010	0.189479%
0770-GREATER LAWRENCE REGIONAL.....	3,846,712	0.220003%
0775-CREST.....	1,089,695	0.062322%
0780-GREATER LOWELL REGIONAL.....	4,855,795	0.277715%
0785-GREATER NEW BEDFORD REGIONAL VOCATIONAL SCHOOL.....	4,419,929	0.252787%
0795-GREENFIELD PUBLIC SCHOOLS.....	2,406,249	0.137619%
0800-GROTON-DUNSTABLE REGIONAL.....	4,664,141	0.266754%
0810-HADLEY PUBLIC SCHOOLS.....	947,364	0.054182%
0815-HALIFAX PUBLIC SCHOOLS.....	836,678	0.047852%
0820-HAMILTON-WENHAM REGIONAL.....	3,703,611	0.211819%
0830-HAMPDEN-WILBRAHAM REGIONAL.....	5,105,014	0.291968%
0835-HAMPSHIRE REGIONAL SCHOOL.....	1,540,428	0.088101%
0840-COLLABORATIVE FOR EDUCATIONAL SERVICES.....	3,582,403	0.204886%
0845-HANCOCK PUBLIC SCHOOLS.....	124,277	0.007108%
0850-HANOVER PUBLIC SCHOOLS.....	5,110,618	0.292289%
0865-HARVARD PUBLIC SCHOOLS.....	2,352,714	0.134557%
0875-HATFIELD PUBLIC SCHOOLS.....	819,142	0.046849%
0880-HAVERHILL PUBLIC SCHOOLS.....	13,084,960	0.748361%
0885-HAWLEMONT REGIONAL SCHOOL.....	231,346	0.013231%
0895-HINGHAM PUBLIC SCHOOLS.....	8,677,385	0.496281%
0900-HOLBROOK PUBLIC SCHOOLS.....	2,114,578	0.120938%
0910-HOLLAND PUBLIC SCHOOLS.....	371,435	0.021243%
0915-HOLLISTON PUBLIC SCHOOLS.....	5,376,234	0.307480%
0920-HOLYOKE PUBLIC SCHOOLS.....	8,722,520	0.498862%
0925-HOPEDALE PUBLIC SCHOOLS.....	1,970,011	0.112670%
0930-HOPKINTON PUBLIC SCHOOLS.....	7,299,842	0.417496%
0940-HUDSON PUBLIC SCHOOLS.....	5,941,578	0.339813%
0945-HULL PUBLIC SCHOOLS.....	2,123,594	0.121454%
0950-IPSWICH PUBLIC SCHOOLS.....	3,741,620	0.213992%
0955-KING PHILIP REGIONAL SCHOOL.....	3,403,393	0.194648%



**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
0960-KINGSTON PUBLIC SCHOOLS.....	\$ 1,527,119	0.087340%
0965-LABBB COLLABORATIVE.....	1,810,800	0.103564%
0985-LAWRENCE PUBLIC SCHOOLS.....	22,529,805	1.288534%
0990-LEE PUBLIC SCHOOLS.....	1,523,556	0.087136%
0995-LEICESTER PUBLIC SCHOOLS.....	2,385,764	0.136448%
1000-LENOX PUBLIC SCHOOLS.....	1,817,997	0.103976%
1005-LEOMINSTER PUBLIC SCHOOLS.....	8,792,315	0.502854%
1010-LEVERETT PUBLIC SCHOOLS.....	266,459	0.015239%
1015-LEXINGTON PUBLIC SCHOOLS.....	17,883,918	1.022825%
1025-LINCOLN PUBLIC SCHOOLS.....	3,576,400	0.204543%
1030-LINCOLN-SUDBURY REGIONAL.....	4,080,394	0.233368%
1035-LITTLETON PUBLIC SCHOOLS.....	2,897,560	0.165719%
1040-LONGMEADOW PUBLIC SCHOOLS.....	5,354,231	0.306222%
1045-LOWELL PUBLIC SCHOOLS.....	25,566,168	1.462191%
1050-LOWER PIONEER COLLABORATIVE SCHOOL.....	783,752	0.044825%
1055-LUDLOW PUBLIC SCHOOLS.....	4,817,457	0.275522%
1060-LUNENBURG PUBLIC SCHOOLS.....	2,717,980	0.155448%
1065-LYNN PUBLIC SCHOOLS.....	26,177,852	1.497175%
1070-LYNNFIELD PUBLIC SCHOOLS.....	4,323,466	0.247270%
1075-MALDEN PUBLIC SCHOOLS.....	9,863,250	0.564103%
1082-MANCHESTER ESSEX REGIONAL SCHOOL.....	3,325,696	0.190205%
1085-MANSFIELD PUBLIC SCHOOLS.....	7,686,287	0.439597%
1090-MARBLEHEAD PUBLIC SCHOOLS.....	6,282,365	0.359304%
1095-MARION PUBLIC SCHOOLS.....	786,066	0.044957%
1100-MARTHA'S VINEYARD PUBLIC SCHOOLS.....	2,805,789	0.160470%
1105-MARSHFIELD PUBLIC SCHOOLS.....	7,810,567	0.446705%
1110-MARLBOROUGH PUBLIC SCHOOLS.....	9,795,313	0.560218%
1115-MASCONOMET REGIONAL SCHOOL.....	4,095,846	0.234251%
1120-MASHPEE PUBLIC SCHOOLS.....	3,526,573	0.201693%
1125-MATTAPOISETT PUBLIC SCHOOLS.....	932,762	0.053347%
1130-MAYNARD PUBLIC SCHOOLS.....	2,754,536	0.157539%
1135-MEDFIELD PUBLIC SCHOOLS.....	5,931,636	0.339245%
1140-MEDFORD PUBLIC SCHOOLS.....	9,858,522	0.563833%
1145-MEDWAY PUBLIC SCHOOLS.....	4,044,014	0.231287%
1150-MELROSE PUBLIC SCHOOLS.....	6,267,304	0.358442%
1155-MENDON-UPTON REGIONAL SCHOOL DISTRICT.....	3,571,874	0.204284%
1165-VALLEY COLLABORATIVE SCHOOL.....	1,396,036	0.079843%
1170-METHUEN PUBLIC SCHOOLS.....	11,196,516	0.640356%
1175-MIDDLEBOROUGH PUBLIC SCHOOLS.....	5,188,252	0.296729%
1180-MIDDLETON PUBLIC SCHOOLS.....	1,612,873	0.092244%
1185-MILFORD PUBLIC SCHOOLS.....	8,369,235	0.478657%
1190-MILLBURY PUBLIC SCHOOLS.....	3,050,563	0.174469%
1195-MILLIS PUBLIC SCHOOLS.....	2,571,059	0.147045%
1200-MILTON PUBLIC SCHOOLS.....	8,262,744	0.472566%
1205-MINUTEMAN REGIONAL VOCATIONAL SCHOOL.....	2,196,163	0.125604%
1210-MOHAWK TRAIL REGIONAL SCHOOL.....	1,702,161	0.097351%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1220-MONSON PUBLIC SCHOOLS.....	\$ 1,621,182	0.092719%
1225-MONTACHUSETT REGIONAL VOCATIONAL SCHOOL.....	2,689,883	0.153841%
1230-MOUNT GREYLOCK REGIONAL SCHOOL.....	2,464,133	0.140930%
1235-NAHANT PUBLIC SCHOOLS.....	204,120	0.011674%
1240-NANTUCKET PUBLIC SCHOOLS.....	4,141,555	0.236866%
1245-NARRAGANSETT REGIONAL SCHOOL DISTRICT.....	2,097,231	0.119946%
1250-NASHOBA REGIONAL SCHOOL DISTRICT.....	6,880,716	0.393525%
1255-NASHOBA VALLEY TECHNICAL SCHOOL.....	1,707,775	0.097672%
1260-NATICK PUBLIC SCHOOLS.....	10,574,557	0.604785%
1265-NAUSET REGIONAL SCHOOL.....	3,863,034	0.220936%
1275-NEEDHAM PUBLIC SCHOOLS.....	12,990,950	0.742984%
1285-NEW BEDFORD PUBLIC SCHOOLS.....	21,765,698	1.244833%
1295-NEW SALEM-WENDELL REGIONAL SCHOOL.....	374,094	0.021395%
1305-NEWBURYPORT PUBLIC SCHOOLS.....	4,808,026	0.274983%
1310-NEWTON PUBLIC SCHOOLS.....	30,237,371	1.729349%
1315-NORFOLK PUBLIC SCHOOLS.....	1,975,451	0.112981%
1320-NORFOLK COUNTY AGRICULTURAL SCHOOL.....	1,432,379	0.081921%
1325-NORTH ADAMS PUBLIC SCHOOLS.....	2,413,309	0.138023%
1330-NORTH ANDOVER PUBLIC SCHOOLS.....	7,961,413	0.455333%
1335-NORTH ATTLEBORO PUBLIC SCHOOLS.....	6,116,918	0.349841%
1340-NORTH BROOKFIELD PUBLIC SCHOOLS.....	894,839	0.051178%
1345-NORTH MIDDLESEX REGIONAL SCHOOL.....	5,423,931	0.310208%
1350-NORTH READING PUBLIC SCHOOLS.....	5,113,583	0.292458%
1355-NORTH RIVER COLLABORATIVE SCHOOL.....	879,457	0.050298%
1365-NORTHAMPTON PUBLIC SCHOOLS.....	6,130,808	0.350636%
1370-NORTHBOROUGH PUBLIC SCHOOLS.....	3,765,041	0.215332%
1375-NORTHBORO-SOUTHBORO REGIONAL SCHOOL.....	3,163,624	0.180935%
1380-NORTHBRIDGE PUBLIC SCHOOLS.....	3,453,635	0.197522%
1385-NORTHEAST METRO REGIONAL VOCATIONAL SCHOOL.....	2,951,936	0.168828%
1390-NORTHERN BERKSHIRE REGIONAL VOCATIONAL SCHOOL.....	1,166,131	0.066694%
1400-NORTON PUBLIC SCHOOLS.....	4,653,591	0.266150%
1405-NORWELL PUBLIC SCHOOLS.....	4,579,168	0.261894%
1410-NORWOOD PUBLIC SCHOOLS.....	7,491,849	0.428477%
1415-OAK BLUFFS PUBLIC SCHOOLS.....	1,055,645	0.060375%
1425-OLD COLONY VOCATIONAL SCHOOL.....	1,383,129	0.079105%
1430-OLD ROCHESTER REGIONAL SCHOOL.....	2,248,035	0.128571%
1435-ORANGE PUBLIC SCHOOLS.....	779,760	0.044596%
1440-ORLEANS PUBLIC SCHOOLS.....	600,395	0.034338%
1445-FARMINGTON RIVER PUBLIC SCHOOLS.....	272,725	0.015598%
1450-OXFORD PUBLIC SCHOOLS.....	2,483,216	0.142021%
1455-PALMER PUBLIC SCHOOLS.....	2,230,592	0.127573%
1460-PATHFINDER REGIONAL VOCATIONAL SCHOOL.....	1,572,800	0.089952%
1470-PEABODY PUBLIC SCHOOLS.....	10,053,018	0.574957%
1475-PELHAM PUBLIC SCHOOLS.....	238,799	0.013658%
1480-PEMBROKE PUBLIC SCHOOLS.....	4,711,972	0.269489%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1485-PENTUCKET REGIONAL SCHOOL.....	\$ 4,266,026	0.243984%
1490-PETERSHAM CENTER SCHOOL.....	159,545	0.009125%
1495-PILGRIM AREA COLLABORATIVE.....	752,866	0.043058%
1500-PIONEER VALLEY REGIONAL.....	1,275,015	0.072921%
1505-PITTSFIELD PUBLIC SCHOOLS.....	9,655,659	0.552231%
1515-PLAINVILLE PUBLIC SCHOOLS.....	1,106,092	0.063260%
1520-PLYMOUTH PUBLIC SCHOOLS.....	14,899,959	0.852165%
1530-PLYMPTON PUBLIC SCHOOLS.....	394,722	0.022575%
1540-ACCEPT EDUCATIONAL COLLABORATIVE.....	399,801	0.022866%
1550-PROVINCETOWN PUBLIC SCHOOLS.....	562,877	0.032192%
1556-QUABBIN REGIONAL SCHOOL.....	3,575,801	0.204509%
1560-QUABOAG REGIONAL SCHOOL DISTRICT.....	2,041,148	0.116738%
1565-QUINCY PUBLIC SCHOOLS.....	17,671,072	1.010652%
1566-QUINCY COLLEGE.....	870,208	0.049769%
1570-RALPH C. MAHAR REG. SCHOOL.....	1,186,123	0.067837%
1575-RANDOLPH PUBLIC SCHOOLS.....	5,904,026	0.337666%
1585-READING PUBLIC SCHOOLS.....	7,687,228	0.439651%
1590-READS COLLABORATIVE.....	1,019,241	0.058293%
1605-REVERE PUBLIC SCHOOLS.....	13,486,106	0.771303%
1610-RICHMOND PUBLIC SCHOOLS.....	416,048	0.023795%
1615-ROCHESTER PUBLIC SCHOOLS.....	951,471	0.054417%
1620-ROCKLAND PUBLIC SCHOOLS.....	4,183,897	0.239287%
1625-ROCKPORT PUBLIC SCHOOLS.....	1,850,573	0.105839%
1630-ROWE PUBLIC SCHOOLS.....	142,803	0.008167%
1645-SALEM PUBLIC SCHOOLS.....	9,353,730	0.534963%
1660-SANDWICH PUBLIC SCHOOLS.....	4,981,434	0.284900%
1665-SAUGUS PUBLIC SCHOOLS.....	4,580,481	0.261969%
1670-SAVOY PUBLIC SCHOOLS.....	94,067	0.005380%
1675-SCITUATE PUBLIC SCHOOLS.....	6,363,130	0.363923%
1680-SEEKONK PUBLIC SCHOOLS.....	4,230,845	0.241972%
1685-SEEM COLLABORATIVE.....	2,004,817	0.114660%
1690-SHARON PUBLIC SCHOOLS.....	7,281,553	0.416450%
1695-SHAWSHEEN VALLEY VOCATIONAL SCHOOL.....	3,661,327	0.209400%
1700-SHERBORN PUBLIC SCHOOLS.....	891,784	0.051003%
1710-SHORE COLLABORATIVE.....	1,101,305	0.062986%
1715-SHREWSBURY PUBLIC SCHOOLS.....	10,524,387	0.601915%
1720-SHUTESBURY PUBLIC SCHOOLS.....	290,188	0.016597%
1725-SILVER LAKE REGIONAL SCHOOL DISTRICT.....	3,562,086	0.203724%
1730-SOMERSET PUBLIC SCHOOLS.....	2,785,565	0.159313%
1735-SOMERVILLE PUBLIC SCHOOLS.....	12,142,559	0.694463%
1745-SOUTH HADLEY PUBLIC SCHOOLS.....	3,043,901	0.174088%
1750-SOUTH MIDDLESEX REGIONAL VOCATIONAL SCHOOL.....	2,096,865	0.119925%
1755-SOUTH SHORE REGIONAL SCHOOL DISTRICT.....	1,487,862	0.085094%
1760-SOUTH SHORE EDUCATIONAL COLLABORATIVE.....	2,256,471	0.129053%
1765-SOUTHERN WORCESTER COUNTY REGIONAL SCHOOL.....	2,584,703	0.147825%
1770-SOUTHAMPTON PUBLIC SCHOOLS.....	787,395	0.045033%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
1775-SOUTHBOROUGH PUBLIC SCHOOLS.....	\$ 3,092,696	0.176879%
1780-SOUTHBRIDGE PUBLIC SCHOOLS.....	3,381,190	0.193378%
1785-SOUTHEASTERN REGIONAL VOCATIONAL SCHOOL DISTRICT...	3,128,418	0.178922%
1790-SOUTHEASTERN MASS. COLLABORATIVE SCHOOL.....	399,780	0.022864%
1795-SOUTHERN BERKSHIRE REGIONAL.....	1,554,173	0.088887%
1800-SOUTHERN WORCESTER CO. ED. COLLABORATIVE SCHOOL.....	670,577	0.038352%
1805-SOUTHWICK-TOLLAND REGIONAL.....	2,712,175	0.155116%
1810-NORTH SHORE EDUCATION CONSORTIUM.....	2,462,562	0.140840%
1820-SPENCER-EAST BROOKFIELD PUBLIC SCHOOLS.....	2,267,639	0.129692%
1825-SPRINGFIELD PUBLIC SCHOOLS.....	42,819,230	2.448936%
1835-STONEHAM PUBLIC SCHOOLS.....	4,551,129	0.260290%
1840-STOUGHTON PUBLIC SCHOOLS.....	7,406,166	0.423577%
1850-STURBRIDGE PUBLIC SCHOOL.....	1,592,317	0.091069%
1855-SUDBURY PUBLIC SCHOOLS.....	5,941,079	0.339785%
1860-SUNDERLAND PUBLIC SCHOOLS.....	406,289	0.023237%
1865-SUTTON PUBLIC SCHOOLS.....	2,424,971	0.138690%
1870-SWAMPSCOTT PUBLIC SCHOOLS.....	4,371,395	0.250011%
1875-SWANSEA PUBLIC SCHOOLS.....	3,435,609	0.196491%
1880-TANTASQUA REGIONAL HIGH SCHOOL.....	3,232,676	0.184885%
1885-TAUNTON PUBLIC SCHOOLS.....	12,471,016	0.713248%
1890-TECH. COLLAB. THE ED. COOPERATIVE.....	615,435	0.035198%
1895-TEWKSBURY PUBLIC SCHOOLS.....	6,199,172	0.354546%
1900-TISBURY PUBLIC SCHOOLS.....	945,083	0.054052%
1905-TOPSFIELD PUBLIC SCHOOLS.....	1,404,871	0.080348%
1910-TRI-COUNTY REGIONAL VOCATIONAL SCHOOL.....	2,344,739	0.134101%
1915-TRITON PUBLIC SCHOOLS.....	4,721,078	0.270010%
1920-TRURO PUBLIC SCHOOLS.....	408,689	0.023374%
1925-TYNGSBOROUGH PUBLIC SCHOOLS.....	3,109,789	0.177856%
1935-UPPER CAPE COD VOCATIONAL SCHOOL.....	1,641,185	0.093863%
1936-UP ISLAND REGIONAL SCHOOL.....	1,072,615	0.061345%
1940-UXBRIDGE PUBLIC SCHOOLS.....	2,988,694	0.170931%
1950-WACHUSETT REGIONAL SCHOOL DISTRICT.....	10,846,876	0.620359%
1955-WAKEFIELD PUBLIC SCHOOLS.....	6,644,155	0.379995%
1960-WALES PUBLIC SCHOOLS.....	234,873	0.013433%
1965-WALPOLE PUBLIC SCHOOLS.....	7,602,271	0.434792%
1970-WALTHAM PUBLIC SCHOOLS.....	14,037,528	0.802840%
1975-WARE PUBLIC SCHOOLS.....	1,859,745	0.106363%
1980-WAREHAM PUBLIC SCHOOLS.....	4,215,662	0.241104%
2000-WATERTOWN PUBLIC SCHOOLS.....	7,048,782	0.403137%
2005-WAYLAND PUBLIC SCHOOLS.....	6,884,241	0.393726%
2010-WEBSTER PUBLIC SCHOOLS.....	3,077,536	0.176012%
2015-WELLESLEY PUBLIC SCHOOLS.....	13,324,917	0.762084%
2020-WELLFLEET PUBLIC SCHOOLS.....	338,941	0.019385%
2025-WEST BOYLSTON PUBLIC SCHOOLS.....	1,905,789	0.108997%
2030-WEST BRIDGEWATER PUBLIC SCHOOLS.....	2,223,465	0.127165%
2045-WEST SPRINGFIELD PUBLIC SCHOOLS.....	7,196,382	0.411579%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
2055-WESTBOROUGH PUBLIC SCHOOLS.....	\$ 8,276,306	0.473342%
2060-WESTFIELD PUBLIC SCHOOLS.....	8,625,257	0.493299%
2065-WESTFORD PUBLIC SCHOOLS.....	9,368,311	0.535797%
2070-WESTHAMPTON PUBLIC SCHOOLS.....	258,724	0.014797%
2080-WESTON PUBLIC SCHOOLS.....	6,038,856	0.345377%
2085-WESTPORT PUBLIC SCHOOLS.....	2,787,442	0.159421%
2090-WESTWOOD PUBLIC SCHOOLS.....	6,965,398	0.398368%
2095-WEYMOUTH PUBLIC SCHOOLS.....	10,985,591	0.628293%
2100-WHATELY PUBLIC SCHOOLS.....	266,429	0.015238%
2110-WHITMAN-HANSON REGIONAL.....	6,168,832	0.352811%
2120-WILLIAMSBURG PUBLIC SCHOOLS.....	318,645	0.018224%
2130-WILMINGTON PUBLIC SCHOOLS.....	6,713,317	0.383951%
2135-WINCENDON PUBLIC SCHOOLS.....	1,871,573	0.107040%
2140-WINCHESTER PUBLIC SCHOOLS.....	9,343,873	0.534399%
2145-WINTHROP PUBLIC SCHOOLS.....	3,319,652	0.189859%
2150-WHITTIER VOCATIONAL SCHOOL DISTRICT.....	2,869,795	0.164131%
2155-WOBURN PUBLIC SCHOOLS.....	9,606,555	0.549422%
2160-WORCESTER PUBLIC SCHOOLS.....	44,703,350	2.556693%
2162-MASS ACADEMY OF MATH AND SCIENCE.....	151,189	0.008647%
2164-WORTHINGTON PUBLIC SCHOOLS.....	107,672	0.006158%
2165-WRENTHAM PUBLIC SCHOOLS.....	1,891,404	0.108174%
2200-AYER SHIRLEY REGIONAL.....	2,977,022	0.170263%
2205-SOMERSET-BERKLEY REGIONAL.....	1,750,982	0.100143%
2210-MONOMOY REGIONAL SCHOOL DISTRICT.....	4,077,672	0.233212%
2215-ESSEX NORTH SHORE AGRICULTURAL & TECHNICAL.....	3,305,997	0.189078%
3000-MASS VIRTUAL ACADEMY AT GREENFIELD.....	1,034,715	0.059178%
3005-TECCA VIRTUAL SCHOOL.....	1,872,323	0.107083%
4005-COMMUNITY DAY CHARTER SCHOOL.....	759,762	0.043453%
4010-CITY ON A HILL CHARTER SCHOOL.....	509,534	0.029141%
4015-ATLANTIS CHARTER SCHOOL.....	1,605,568	0.091826%
4020-CAPE COD LIGHTHOUSE CHARTER SCHOOL.....	519,784	0.029728%
4025-HILLTOWN COOPERATIVE CHARTER SCHOOL.....	385,635	0.022055%
4030-BENJAMIN FRANKLIN CLASSICAL CHARTER SCHOOL.....	1,144,949	0.065482%
4035-SOUTH SHORE CHARTER SCHOOL.....	2,126,414	0.121615%
4040-LOWELL MIDDLESEX ACADEMY CHARTER SCHOOL.....	168,775	0.009653%
4055-BOSTON RENAISSANCE CHARTER SCHOOL.....	1,954,078	0.111758%
4060-MARBLEHEAD COMMUNITY CHARTER SCHOOL.....	376,363	0.021525%
4065-FRANCIS W. PARKER CHARTER SCHOOL.....	732,698	0.041905%
4070-NEIGHBORHOOD HOUSE CHARTER SCHOOL.....	1,605,447	0.091819%
4075-ACADEMY OF THE PACIFIC RIM CHARTER SCHOOL.....	1,137,610	0.065063%
4080-BENJAMIN BANNEKER CHARTER SCHOOL.....	574,867	0.032878%
4090-LAWRENCE FAMILY DEVELOPMENT CHARTER SCHOOL.....	1,081,076	0.061829%
4095-MARTHA'S VINEYARD CHARTER SCHOOL.....	465,069	0.026598%
4105-SABIS INTERNATIONAL CHARTER SCHOOL.....	1,673,257	0.095698%
4115-PIONEER VALLEY PERFORMING ARTS CHARTER.....	684,827	0.039167%
4120-PROSPECT HILL ACADEMY CHARTER SCHOOL.....	2,638,672	0.150912%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
4125-SEVEN HILLS CHARTER SCHOOL.....	\$ 930,413	0.053213%
4140-ABBY KELLEY FOSTER REGIONAL CHARTER.....	2,217,800	0.126841%
4145-MYSTIC VALLEY REGIONAL CHARTER SCHOOL.....	1,763,666	0.100868%
4150-FOXBORO REGIONAL CHARTER SCHOOL.....	2,269,565	0.129802%
4165-RISING TIDE CHARTER.....	1,165,606	0.066664%
4170-BOSTON COLLEGIATE CHARTER SCHOOL.....	1,760,189	0.100670%
4175-STURGIS CHARTER SCHOOL.....	2,001,846	0.114490%
4180-RIVER VALLEY CHARTER SCHOOL.....	455,892	0.026074%
4200-CONSERVATORY LAB CHARTER SCHOOL.....	831,028	0.047528%
4205-ROXBURY PREPARATORY CHARTER.....	2,945,827	0.168479%
4210-MEDIA & TECH CHARTER HIGH SCHOOL.....	2,814,799	0.160985%
4225-CODMAN ACADEMY CHARTER SCHOOL.....	915,293	0.052348%
4235-CHRISTA MCAULIFFE REGIONAL CHARTER PUBLIC SCHOOL.....	741,431	0.042404%
4240-NORTH CENTRAL CHARTER ESSENTIAL SCHOOL.....	643,305	0.036792%
4245-INNOVATION ACADEMY CHARTER SCHOOL.....	1,300,077	0.074355%
4250-EDWARD BROOKE CHARTER SCHOOL.....	4,445,194	0.254231%
4260-FOUR RIVER CHARTER PUBLIC SCHOOL.....	423,888	0.024243%
4265-BOSTON PREPARATORY CHARTER SCHOOL.....	1,510,602	0.086395%
4270-EXCEL ACADEMY CHARTER SCHOOL.....	2,737,418	0.156560%
4275-SALEM ACADEMY CHARTER SCHOOL.....	984,949	0.056332%
4285-BERKSHIRE ARTS AND TECHNOLOGY CHARTER.....	637,943	0.036486%
4290-HELEN Y. DAVIS LEADERSHIP ACADEMY CHARTER PUBLIC.....	363,600	0.020795%
4295-HILLVIEW MONTESSORI CHARTER SCHOOL.....	433,789	0.024809%
4300-KIPP ACADEMY LYNN CHARTER SCHOOL.....	3,086,815	0.176542%
4305-ADVANCED MATH & SCIENCE ACADEMY CHARTER SCHOOL.....	1,559,999	0.089220%
4310-COMMUNITY CHARTER SCHOOL OF CAMBRIDGE.....	788,268	0.045083%
4315-HOLYOKE COMMUNITY CHARTER SCHOOL.....	807,013	0.046155%
4320-MARTIN LUTHER KING JR. CHARTER SCHOOL.....	657,174	0.037585%
4325-PHOENIX CHARTER ACADEMY.....	404,359	0.023126%
4330-PIONEER VALLEY CHINESE IMMERSION CHARTER.....	1,138,812	0.065131%
4420-LOWELL COMMUNITY CHARTER SCHOOL.....	1,237,558	0.070779%
4425-PIONEER CHARTER SCHOOL OF SCIENCE.....	1,182,690	0.067641%
4430-GLOBAL LEARNING CHARTER PUBLIC SCHOOL.....	766,424	0.043834%
4440-HAMPDEN CHARTER SCHOOL OF SCIENCE - EAST.....	848,017	0.048500%
4510-ALMA DEL MAR CHARTER SCHOOL.....	1,137,552	0.065059%
4515-BRIDGE BOSTON CHARTER SCHOOL.....	879,003	0.050272%
4550-VERITAS PREPARATORY CHARTER SCHOOL.....	877,180	0.050168%
4565-CDCPS-GATEWAY.....	618,158	0.035354%
4570-CDCPS-R KINGMAN WEBSTER.....	565,519	0.032343%
4575-KIPP ACADEMY BOSTON CHARTER SCHOOL.....	1,070,478	0.061223%
4580-PAULO FREIRE SOCIAL JUSTICE CHARTER SCHOOL.....	472,457	0.027021%
4585-CITY ON A HILL CHARTER 2.....	18,765	0.001073%
4590-CITY ON A HILL CHARTER - NEW BEDFORD.....	8,353	0.000478%
4595-PIONEER CHARTER SCHOOL OF SCIENCE II.....	514,632	0.029433%
4600-THE LOWELL COLLEGIATE CHARTER SCHOOL.....	759,766	0.043453%
4605-BAY STATE ACADEMY CHARTER PUBLIC SCHOOL.....	761,255	0.043538%

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
 SUPPLEMENTAL SCHEDULE OF EMPLOYER ALLOCATIONS  
 OF SPECIAL FUNDING AMOUNTS (CONTINUED)  
 AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
 (UNAUDITED)**

Employer	Commonwealth Pension Support Provided	Employer Allocation Percentage
4610-PHOENIX CHARTER ACADEMY SPRINGFIELD.....	\$ 250,472	0.014325%
4615-ARGOSY COLLEGIATE CHARTER SCHOOL.....	854,048	0.048845%
4620-SPRINGFIELD PREPARATORY CHARTER SCHOOL.....	575,599	0.032920%
4625-NEW HEIGHTS CHARTER OF BROCKTON.....	1,308,689	0.074847%
4630-LIBERTAS ACADEMY CHARTER SCHOOL.....	570,592	0.032634%
4635-OLD STURBRIDGE ACADEMY CHARTER PUBLIC SCHOOL.....	300,135	0.017165%
4640-MAP ACADEMY CHARTER SCHOOL.....	327,790	0.018747%
4645-HAMPDEN CHARTER SCHOOL OF SCIENCE - WEST.....	419,923	0.024016%
4650-PHOENIX ACADEMY PUBLIC CHARTER HS LAWRENCE.....	225,508	0.012897%
Totals.....	<u>\$ 1,748,483,000</u>	<u>100.000000%</u> (Concluded)

*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, 2021  
(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.....	\$ 44,676,199	\$ 3,585,079
0110-ACTON-BOXBOROUGH REGIONAL SCHOOL.....	139,982,835	11,233,040
0115-ACUSHNET PUBLIC SCHOOLS.....	20,165,990	1,618,237
0120-ADAMS-CHESHIRE REGIONAL SCHOOLS.....	23,755,294	1,906,263
0125-AGAWAM PUBLIC SCHOOLS.....	94,151,068	7,555,231
0130-AMESBURY PUBLIC SCHOOLS.....	50,930,177	4,086,935
0135-AMHERST PUBLIC SCHOOLS.....	37,338,656	2,996,272
0140-AMHERST-PELHAM REGIONAL SCHOOL DISTRICT.....	36,790,193	2,952,260
0145-ANDOVER PUBLIC SCHOOLS.....	166,797,004	13,384,765
0150-ARLINGTON PUBLIC SCHOOLS.....	141,773,759	11,376,754
0160-ASHBURNHAM-WESTMINSTER REGIONAL SCHOOL.....	46,404,926	3,723,802
0170-ASHLAND PUBLIC SCHOOLS.....	65,896,941	5,287,955
0175-ASSABET VALLEY REGIONAL VOCATIONAL SCHOOL.....	34,776,815	2,790,695
0180-ASSABET VALLEY COLLABORATIVE SCHOOL.....	11,291,571	906,102
0185-ATHOL-ROYALSTON REGIONAL SCHOOL.....	31,498,206	2,527,600
0190-ATTLEBORO PUBLIC SCHOOLS.....	127,799,149	10,255,350
0195-AUBURN PUBLIC SCHOOLS.....	55,371,483	4,443,331
0200-AVON PUBLIC SCHOOLS.....	19,508,679	1,565,490
0210-BARNSTABLE PUBLIC SCHOOLS.....	134,762,413	10,814,122
0220-BEDFORD PUBLIC SCHOOLS.....	85,201,088	6,837,033
0225-BELCHERTOWN PUBLIC SCHOOLS.....	47,592,810	3,819,125
0230-BELLINGHAM PUBLIC SCHOOLS.....	51,627,364	4,142,881
0235-BELMONT PUBLIC SCHOOLS.....	101,398,692	8,136,823
0240-BERKLEY PUBLIC SCHOOLS.....	18,198,964	1,460,391
0245-BERKSHIRE HILLS REGIONAL SCHOOL DISTRICT.....	34,445,566	2,764,113
0255-BERLIN-BOYLSTON REGIONAL SCHOOL.....	28,085,239	2,253,723
0265-BEVERLY PUBLIC SCHOOLS.....	105,432,950	8,460,555
0270-BICOUNTY COLLABORATIVE SCHOOL.....	15,440,635	1,239,047
0275-BILLERICA PUBLIC SCHOOLS.....	134,665,063	10,806,311
0280-BLACKSTONE-MILLVILLE REGIONAL SCHOOL.....	32,162,978	2,580,945
0285-BLACKSTONE VALLEY REGIONAL VOCATIONAL SCHOOL.....	32,735,474	2,626,885
0300-BLUE HILLS REGIONAL TECH.....	27,586,401	2,213,694
0315-BOURNE PUBLIC SCHOOLS.....	49,114,118	3,941,203
0325-BOXFORD PUBLIC SCHOOLS.....	20,927,720	1,679,362
0335-BRAINTREE PUBLIC SCHOOLS.....	146,698,424	11,771,938
0340-BREWSTER PUBLIC SCHOOLS.....	12,339,041	990,157
0350-BRIDGewater-RAYNHAM REGIONAL SCHOOL.....	109,700,832	8,803,035
0355-BRIMFIELD PUBLIC SCHOOLS.....	6,961,271	558,613
0360-BRISTOL COUNTY AGRICULTURAL SCHOOL.....	10,323,656	828,430



**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(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.....	\$ 35,516,783	\$ 2,850,074
0370-BROCKTON PUBLIC SCHOOLS.....	364,783,309	29,272,341
0375-BROOKFIELD PUBLIC SCHOOLS.....	6,224,552	499,494
0380-BROOKLINE PUBLIC SCHOOLS.....	260,158,246	20,876,616
0390-BURLINGTON PUBLIC SCHOOLS.....	116,186,962	9,323,520
0395-CAMBRIDGE PUBLIC SCHOOLS.....	303,790,083	24,377,889
0400-CANTON PUBLIC SCHOOLS.....	86,829,924	6,967,740
0410-CAPE COD REGIONAL SCHOOL DISTRICT.....	19,719,677	1,582,422
0415-CAPE COD COLLABORATIVE.....	8,679,765	696,515
0420-CAPS COLLABORATIVE.....	7,807,552	626,524
0425-CARLISLE PUBLIC SCHOOLS.....	23,444,870	1,881,353
0430-CARVER PUBLIC SCHOOLS.....	37,394,446	3,000,749
0435-CASE COLLABORATIVE.....	9,904,412	794,788
0440-CENTRAL BERKSHIRE REGIONAL.....	36,143,841	2,900,393
0445-CENTRAL MASS. SPEC. ED. COLLABORATIVE.....	22,813,880	1,830,719
0460-CHELMSFORD PUBLIC SCHOOLS.....	114,089,392	9,155,199
0465-CHELSEA PUBLIC SCHOOLS.....	129,681,828	10,406,427
0470-CHESTERFIELD-GOSHEN REGIONAL.....	3,426,256	274,943
0475-CHICOPEE PUBLIC SCHOOLS.....	164,805,187	13,224,930
0485-CLARKSBURG PUBLIC SCHOOLS.....	5,059,844	406,031
0490-CLINTON PUBLIC SCHOOLS.....	41,214,597	3,307,300
0495-COHASSET PUBLIC SCHOOLS.....	42,653,573	3,422,772
0500-CONCORD PUBLIC SCHOOLS.....	72,686,122	5,832,759
0505-CONCORD-CARLISLE REGIONAL SCHOOL.....	45,341,518	3,638,468
0510-CONWAY PUBLIC SCHOOLS.....	4,318,062	346,507
0515-SOUTH COAST ED. COLLABORATIVE (COOPC).....	22,025,864	1,767,484
0520-DANVERS PUBLIC SCHOOLS.....	90,512,256	7,263,232
0525-DARTMOUTH PUBLIC SCHOOLS.....	87,586,533	7,028,455
0530-DEDHAM PUBLIC SCHOOLS.....	90,651,961	7,274,442
0540-DEERFIELD PUBLIC SCHOOLS.....	7,891,110	633,229
0545-DENNIS-YARMOUTH REGIONAL SCHOOLS.....	86,973,751	6,979,281
0555-DIGHTON-REHOBOTH REGIONAL SCHOOL.....	64,713,937	5,193,024
0560-DOUGLAS PUBLIC SCHOOLS.....	26,714,438	2,143,722
0565-DOVER PUBLIC SCHOOLS.....	13,724,218	1,101,311
0570-DOVER-SHERBORN REGIONAL SCHOOL.....	42,616,003	3,419,757
0575-DRACUT PUBLIC SCHOOLS.....	62,355,240	5,003,748
0580-DUDLEY-CHARLTON REGIONAL SCHOOLS.....	80,501,471	6,459,908
0585-DUXBURY PUBLIC SCHOOLS.....	71,125,207	5,707,502
0590-EAST BRIDGEWATER PUBLIC SCHOOLS.....	45,817,073	3,676,629
0600-EAST LONGMEADOW PUBLIC SCHOOLS.....	60,991,696	4,894,330
0605-EASTHAM PUBLIC SCHOOLS.....	7,073,180	567,593

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0610-EASTHAMPTON PUBLIC SCHOOLS.....	\$ 30,244,629	\$ 2,427,006
0615-EASTON PUBLIC SCHOOLS.....	79,604,137	6,387,900
0617-EDCO COLLABORATIVE.....	5,679,349	455,744
0620-EDGARTOWN PUBLIC SCHOOLS.....	12,792,566	1,026,550
0625-ERVING PUBLIC SCHOOLS.....	5,354,369	429,666
0640-EVERETT PUBLIC SCHOOLS.....	167,399,158	13,433,085
0645-FAIRHAVEN PUBLIC SCHOOLS.....	40,900,327	3,282,081
0650-FALL RIVER PUBLIC SCHOOLS.....	217,339,448	17,440,586
0655-FALMOUTH PUBLIC SCHOOLS.....	95,626,620	7,673,638
0660-FITCHBURG PUBLIC SCHOOLS.....	111,825,881	8,973,561
0665-FLLAC COLLABORATIVE.....	12,205,189	979,416
0670-FLORIDA PUBLIC SCHOOLS.....	1,975,222	158,503
0675-FOXBOROUGH PUBLIC SCHOOLS.....	69,557,070	5,581,665
0680-FRAMINGHAM PUBLIC SCHOOLS.....	251,683,946	20,196,589
0685-FRANKLIN PUBLIC SCHOOLS.....	125,802,076	10,095,093
0690-FRANKLIN COUNTY REGIONAL SCHOOL DISTRICT.....	16,995,019	1,363,779
0700-FREETOWN-LAKEVILLE REGIONAL SCHOOLS.....	53,815,659	4,318,482
0705-FRONTIER REGIONAL SCHOOL DISTRICT.....	16,092,284	1,291,339
0710-GARDNER PUBLIC SCHOOLS.....	48,111,920	3,860,781
0715-GATEWAY REGIONAL SCHOOL.....	20,145,898	1,616,624
0725-GEORGETOWN PUBLIC SCHOOLS.....	31,713,823	2,544,902
0730-GILL-MONTAGUE REGIONAL.....	24,693,107	1,981,519
0735-GLOUCESTER PUBLIC SCHOOLS.....	78,266,522	6,280,562
0745-GOSNOLD PUBLIC SCHOOLS.....	131,745	10,572
0750-GRAFTON PUBLIC SCHOOLS.....	71,676,977	5,751,779
0755-GRANBY PUBLIC SCHOOLS.....	17,686,762	1,419,289
0765-DIMAN REGIONAL VOCATIONAL SCHOOL.....	43,024,790	3,452,560
0770-GREATER LAWRENCE REGIONAL.....	49,955,764	4,008,742
0775-CREST.....	14,151,445	1,135,595
0780-GREATER LOWELL REGIONAL.....	63,060,342	5,060,330
0785-GREATER NEW BEDFORD REGIONAL VOCATIONAL SCHOOL.....	57,399,920	4,606,105
0795-GREENFIELD PUBLIC SCHOOLS.....	31,249,034	2,507,605
0800-GROTON-DUNSTABLE REGIONAL.....	60,571,411	4,860,603
0810-HADLEY PUBLIC SCHOOLS.....	12,303,055	987,269
0815-HALIFAX PUBLIC SCHOOLS.....	10,865,609	871,920
0820-HAMILTON-WENHAM REGIONAL.....	48,097,369	3,859,614
0830-HAMPDEN-WILBRAHAM REGIONAL.....	66,296,847	5,320,046
0835-HAMPSHIRE REGIONAL SCHOOL.....	20,004,950	1,605,314
0840-COLLABORATIVE FOR EDUCATIONAL SERVICES.....	46,523,287	3,733,300
0845-HANCOCK PUBLIC SCHOOLS.....	1,613,934	129,511
0850-HANOVER PUBLIC SCHOOLS.....	66,369,626	5,325,886

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
0865-HARVARD PUBLIC SCHOOLS.....	\$ 30,553,796	\$ 2,451,815
0875-HATFIELD PUBLIC SCHOOLS.....	10,637,882	853,646
0880-HAVERHILL PUBLIC SCHOOLS.....	169,929,346	13,636,122
0885-HAWLEMONT REGIONAL SCHOOL.....	3,004,398	241,090
0895-HINGHAM PUBLIC SCHOOLS.....	112,689,867	9,042,893
0900-HOLBROOK PUBLIC SCHOOLS.....	27,461,205	2,203,647
0910-HOLLAND PUBLIC SCHOOLS.....	4,823,685	387,081
0915-HOLLISTON PUBLIC SCHOOLS.....	69,819,078	5,602,690
0920-HOLYOKE PUBLIC SCHOOLS.....	113,276,010	9,089,928
0925-HOPEDALE PUBLIC SCHOOLS.....	25,583,775	2,052,991
0930-HOPKINTON PUBLIC SCHOOLS.....	94,800,233	7,607,324
0940-HUDSON PUBLIC SCHOOLS.....	77,160,989	6,191,848
0945-HULL PUBLIC SCHOOLS.....	27,578,303	2,213,044
0950-IPSWICH PUBLIC SCHOOLS.....	48,590,983	3,899,224
0955-KING PHILIP REGIONAL SCHOOL.....	44,198,554	3,546,750
0960-KINGSTON PUBLIC SCHOOLS.....	19,832,107	1,591,444
0965-LABBB COLLABORATIVE.....	23,516,160	1,887,074
0985-LAWRENCE PUBLIC SCHOOLS.....	292,585,905	23,478,800
0990-LEE PUBLIC SCHOOLS.....	19,785,830	1,587,730
0995-LEICESTER PUBLIC SCHOOLS.....	30,983,003	2,486,257
1000-LENOX PUBLIC SCHOOLS.....	23,609,628	1,894,574
1005-LEOMINSTER PUBLIC SCHOOLS.....	114,182,409	9,162,663
1010-LEVERETT PUBLIC SCHOOLS.....	3,460,396	277,682
1015-LEXINGTON PUBLIC SCHOOLS.....	232,251,558	18,637,220
1025-LINCOLN PUBLIC SCHOOLS.....	46,445,326	3,727,044
1030-LINCOLN-SUDBURY REGIONAL.....	52,990,510	4,252,268
1035-LITTLETON PUBLIC SCHOOLS.....	37,629,497	3,019,610
1040-LONGMEADOW PUBLIC SCHOOLS.....	69,533,344	5,579,761
1045-LOWELL PUBLIC SCHOOLS.....	332,017,994	26,643,061
1050-LOWER PIONEER COLLABORATIVE SCHOOL.....	10,178,288	816,765
1055-LUDLOW PUBLIC SCHOOLS.....	62,562,457	5,020,377
1060-LUNENBURG PUBLIC SCHOOLS.....	35,297,361	2,832,466
1065-LYNN PUBLIC SCHOOLS.....	339,961,687	27,280,510
1070-LYNNFIELD PUBLIC SCHOOLS.....	56,147,190	4,505,578
1075-MALDEN PUBLIC SCHOOLS.....	128,090,239	10,278,708
1082-MANCHESTER ESSEX REGIONAL SCHOOL.....	43,189,532	3,465,780
1085-MANSFIELD PUBLIC SCHOOLS.....	99,818,852	8,010,047
1090-MARBLEHEAD PUBLIC SCHOOLS.....	81,586,653	6,546,989
1095-MARION PUBLIC SCHOOLS.....	10,208,330	819,176
1100-MARTHA'S VINEYARD PUBLIC SCHOOLS.....	36,437,700	2,923,974
1105-MARSHFIELD PUBLIC SCHOOLS.....	101,432,831	8,139,562

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1110-MARLBOROUGH PUBLIC SCHOOLS.....	\$ 127,207,962	\$ 10,207,909
1115-MASCONOMET REGIONAL SCHOOL.....	53,191,171	4,268,370
1120-MASHPEE PUBLIC SCHOOLS.....	45,798,243	3,675,118
1125-MATTAPOISETT PUBLIC SCHOOLS.....	12,113,419	972,051
1130-MAYNARD PUBLIC SCHOOLS.....	35,772,106	2,870,563
1135-MEDFIELD PUBLIC SCHOOLS.....	77,031,875	6,181,487
1140-MEDFORD PUBLIC SCHOOLS.....	128,028,830	10,273,780
1145-MEDWAY PUBLIC SCHOOLS.....	52,518,058	4,214,355
1150-MELROSE PUBLIC SCHOOLS.....	81,391,063	6,531,294
1155-MENDON-UPTON REGIONAL SCHOOL DISTRICT.....	46,386,548	3,722,327
1165-VALLEY COLLABORATIVE SCHOOL.....	18,129,788	1,454,840
1170-METHUEN PUBLIC SCHOOLS.....	145,404,845	11,668,133
1175-MIDDLEBOROUGH PUBLIC SCHOOLS.....	67,377,838	5,406,791
1180-MIDDLETON PUBLIC SCHOOLS.....	20,945,759	1,680,810
1185-MILFORD PUBLIC SCHOOLS.....	108,688,040	8,721,763
1190-MILLBURY PUBLIC SCHOOLS.....	39,616,486	3,179,058
1195-MILLIS PUBLIC SCHOOLS.....	33,389,355	2,679,357
1200-MILTON PUBLIC SCHOOLS.....	107,305,073	8,610,785
1205-MINUTEMAN REGIONAL VOCATIONAL SCHOOL.....	28,520,721	2,288,669
1210-MOHAWK TRAIL REGIONAL SCHOOL.....	22,105,304	1,773,859
1220-MONSON PUBLIC SCHOOLS.....	21,053,661	1,689,469
1225-MONTACHUSETT REGIONAL VOCATIONAL SCHOOL.....	34,932,471	2,803,185
1230-MOUNT GREYLOCK REGIONAL SCHOOL.....	32,000,745	2,567,927
1235-NAHANT PUBLIC SCHOOLS.....	2,650,823	212,717
1240-NANTUCKET PUBLIC SCHOOLS.....	53,784,776	4,316,004
1245-NARRAGANSETT REGIONAL SCHOOL DISTRICT.....	27,235,928	2,185,570
1250-NASHOBA REGIONAL SCHOOL DISTRICT.....	89,357,209	7,170,544
1255-NASHOBA VALLEY TECHNICAL SCHOOL.....	22,178,215	1,779,709
1260-NATICK PUBLIC SCHOOLS.....	137,327,697	11,019,976
1265-NAUSET REGIONAL SCHOOL.....	50,167,736	4,025,752
1275-NEEDHAM PUBLIC SCHOOLS.....	168,708,472	13,538,152
1285-NEW BEDFORD PUBLIC SCHOOLS.....	282,662,750	22,682,509
1295-NEW SALEM-WENDELL REGIONAL SCHOOL.....	4,858,215	389,851
1305-NEWBURYPORT PUBLIC SCHOOLS.....	62,439,983	5,010,549
1310-NEWTON PUBLIC SCHOOLS.....	392,681,102	31,511,023
1315-NORFOLK PUBLIC SCHOOLS.....	25,654,427	2,058,661
1320-NORFOLK COUNTY AGRICULTURAL SCHOOL.....	18,601,753	1,492,713
1325-NORTH ADAMS PUBLIC SCHOOLS.....	31,340,721	2,514,962
1330-NORTH ANDOVER PUBLIC SCHOOLS.....	103,391,803	8,296,762
1335-NORTH ATTLEBORO PUBLIC SCHOOLS.....	79,438,058	6,374,573

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1340-NORTH BROOKFIELD PUBLIC SCHOOLS.....	\$ 11,620,932	\$ 932,531
1345-NORTH MIDDLESEX REGIONAL SCHOOL.....	70,438,499	5,652,396
1350-NORTH READING PUBLIC SCHOOLS.....	66,408,130	5,328,976
1355-NORTH RIVER COLLABORATIVE SCHOOL.....	11,421,173	916,502
1365-NORTHAMPTON PUBLIC SCHOOLS.....	79,618,450	6,389,049
1370-NORTHBOROUGH PUBLIC SCHOOLS.....	48,895,144	3,923,632
1375-NORTHBORO-SOUTHBORO REGIONAL SCHOOL.....	41,084,764	3,296,881
1380-NORTHBRIDGE PUBLIC SCHOOLS.....	44,851,023	3,599,108
1385-NORTHEAST METRO REGIONAL VOCATIONAL SCHOOL.....	38,335,663	3,076,277
1390-NORTHERN BERKSHIRE REGIONAL VOCATIONAL SCHOOL.....	15,144,100	1,215,251
1400-NORTON PUBLIC SCHOOLS.....	60,434,400	4,849,609
1405-NORWELL PUBLIC SCHOOLS.....	59,467,899	4,772,051
1410-NORWOOD PUBLIC SCHOOLS.....	97,293,758	7,807,419
1415-OAK BLUFFS PUBLIC SCHOOLS.....	13,709,250	1,100,110
1425-OLD COLONY VOCATIONAL SCHOOL.....	17,962,166	1,441,389
1430-OLD ROCHESTER REGIONAL SCHOOL.....	29,194,372	2,342,727
1435-ORANGE PUBLIC SCHOOLS.....	10,126,448	812,605
1440-ORLEANS PUBLIC SCHOOLS.....	7,797,095	625,684
1445-FARMINGTON RIVER PUBLIC SCHOOLS.....	3,541,777	284,213
1450-OXFORD PUBLIC SCHOOLS.....	32,248,572	2,587,814
1455-PALMER PUBLIC SCHOOLS.....	28,967,844	2,324,549
1460-PATHFINDER REGIONAL VOCATIONAL SCHOOL.....	20,425,350	1,639,049
1470-PEABODY PUBLIC SCHOOLS.....	130,554,678	10,476,469
1475-PELHAM PUBLIC SCHOOLS.....	3,101,192	248,858
1480-PEMBROKE PUBLIC SCHOOLS.....	61,192,573	4,910,449
1485-PENTUCKET REGIONAL SCHOOL.....	55,401,239	4,445,719
1490-PETERSHAM CENTER SCHOOL.....	2,071,944	166,265
1495-PILGRIM AREA COLLABORATIVE.....	9,777,180	784,578
1500-PIONEER VALLEY REGIONAL.....	16,558,132	1,328,721
1505-PITTSFIELD PUBLIC SCHOOLS.....	125,394,333	10,062,373
1515-PLAINVILLE PUBLIC SCHOOLS.....	14,364,397	1,152,683
1520-PLYMOUTH PUBLIC SCHOOLS.....	193,500,030	15,527,572
1530-PLYMPTON PUBLIC SCHOOLS.....	5,126,104	411,348
1540-ACCEPT EDUCATIONAL COLLABORATIVE.....	5,192,063	416,641
1550-PROVINCETOWN PUBLIC SCHOOLS.....	7,309,862	586,586
1556-QUABBIN REGIONAL SCHOOL.....	46,437,549	3,726,420
1560-QUABOAG REGIONAL SCHOOL DISTRICT.....	26,507,602	2,127,125
1565-QUINCY PUBLIC SCHOOLS.....	229,487,412	18,415,409
1566-QUINCY COLLEGE.....	11,301,061	906,863
1570-RALPH C. MAHAR REG. SCHOOL.....	15,403,720	1,236,084
1575-RANDOLPH PUBLIC SCHOOLS.....	76,673,311	6,152,714

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1585-READING PUBLIC SCHOOLS.....	\$ 99,831,073	\$ 8,011,028
1590-READS COLLABORATIVE.....	13,236,494	1,062,173
1605-REVERE PUBLIC SCHOOLS.....	175,138,868	14,054,165
1610-RICHMOND PUBLIC SCHOOLS.....	5,403,059	433,573
1615-ROCHESTER PUBLIC SCHOOLS.....	12,356,391	991,549
1620-ROCKLAND PUBLIC SCHOOLS.....	54,334,662	4,360,130
1625-ROCKPORT PUBLIC SCHOOLS.....	24,032,686	1,928,523
1630-ROWE PUBLIC SCHOOLS.....	1,854,522	148,818
1645-SALEM PUBLIC SCHOOLS.....	121,473,291	9,747,726
1660-SANDWICH PUBLIC SCHOOLS.....	64,691,971	5,191,261
1665-SAUGUS PUBLIC SCHOOLS.....	59,484,945	4,773,419
1670-SAVOY PUBLIC SCHOOLS.....	1,221,609	98,029
1675-SCITUATE PUBLIC SCHOOLS.....	82,635,526	6,631,157
1680-SEEKONK PUBLIC SCHOOLS.....	54,944,352	4,409,055
1685-SEEM COLLABORATIVE.....	26,035,785	2,089,263
1690-SHARON PUBLIC SCHOOLS.....	94,562,732	7,588,265
1695-SHAWSHEEN VALLEY VOCATIONAL SCHOOL.....	47,548,245	3,815,549
1700-SHERBORN PUBLIC SCHOOLS.....	11,581,257	929,348
1710-SHORE COLLABORATIVE.....	14,302,229	1,147,694
1715-SHREWSBURY PUBLIC SCHOOLS.....	136,676,170	10,967,693
1720-SHUTESBURY PUBLIC SCHOOLS.....	3,768,554	302,411
1725-SILVER LAKE REGIONAL SCHOOL DISTRICT.....	46,259,442	3,712,128
1730-SOMERSET PUBLIC SCHOOLS.....	36,175,064	2,902,898
1735-SOMERVILLE PUBLIC SCHOOLS.....	157,690,742	12,654,025
1745-SOUTH HADLEY PUBLIC SCHOOLS.....	39,529,966	3,172,115
1750-SOUTH MIDDLESEX REGIONAL VOCATIONAL SCHOOL.....	27,231,182	2,185,189
1755-SOUTH SHORE REGIONAL SCHOOL DISTRICT.....	19,322,288	1,550,533
1760-SOUTH SHORE EDUCATIONAL COLLABORATIVE.....	29,303,917	2,351,517
1765-SOUTHERN WORCESTER COUNTY REGIONAL SCHOOL.....	33,566,549	2,693,576
1770-SOUTHAMPTON PUBLIC SCHOOLS.....	10,225,594	820,561
1775-SOUTHBOROUGH PUBLIC SCHOOLS.....	40,163,649	3,222,966
1780-SOUTHBRIDGE PUBLIC SCHOOLS.....	43,910,213	3,523,612
1785-SOUTHEASTERN REGIONAL VOCATIONAL SCHOOL DISTRICT....	40,627,556	3,260,192
1790-SOUTHEASTERN MASS. COLLABORATIVE SCHOOL.....	5,191,784	416,619
1795-SOUTHERN BERKSHIRE REGIONAL.....	20,183,451	1,619,638
1800-SOUTHERN WORCESTER CO. ED. COLLABORATIVE SCHOOL.....	8,708,524	698,823
1805-SOUTHWICK-TOLLAND REGIONAL.....	35,221,969	2,826,416
1810-NORTH SHORE EDUCATION CONSORTIUM.....	31,980,350	2,566,290
1820-SPENCER-EAST BROOKFIELD PUBLIC SCHOOLS.....	29,448,952	2,363,156
1825-SPRINGFIELD PUBLIC SCHOOLS.....	556,076,871	44,622,853
1835-STONEHAM PUBLIC SCHOOLS.....	59,103,763	4,742,831

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
1840-STOUGHTON PUBLIC SCHOOLS.....	\$ 96,181,031	\$ 7,718,127
1850-STURBRIDGE PUBLIC SCHOOL.....	20,678,815	1,659,389
1855-SUDBURY PUBLIC SCHOOLS.....	77,154,513	6,191,328
1860-SUNDERLAND PUBLIC SCHOOLS.....	5,276,318	423,403
1865-SUTTON PUBLIC SCHOOLS.....	31,492,162	2,527,115
1870-SWAMPSCOTT PUBLIC SCHOOLS.....	56,769,628	4,555,526
1875-SWANSEA PUBLIC SCHOOLS.....	44,616,932	3,580,323
1880-TANTASQUA REGIONAL HIGH SCHOOL.....	41,981,519	3,368,842
1885-TAUNTON PUBLIC SCHOOLS.....	161,956,281	12,996,317
1890-TECH. COLLAB. THE ED. COOPERATIVE.....	7,992,412	641,358
1895-TEWKSBURY PUBLIC SCHOOLS.....	80,506,265	6,460,293
1900-TISBURY PUBLIC SCHOOLS.....	12,273,428	984,891
1905-TOPSFIELD PUBLIC SCHOOLS.....	18,244,523	1,464,047
1910-TRI-COUNTY REGIONAL VOCATIONAL SCHOOL.....	30,450,219	2,443,503
1915-TRITON PUBLIC SCHOOLS.....	61,310,827	4,919,939
1920-TRURO PUBLIC SCHOOLS.....	5,307,482	425,903
1925-TYNGSBOROUGH PUBLIC SCHOOLS.....	40,385,637	3,240,779
1935-UPPER CAPE COD VOCATIONAL SCHOOL.....	21,313,432	1,710,314
1936-UP ISLAND REGIONAL SCHOOL.....	13,929,633	1,117,795
1940-UXBRIDGE PUBLIC SCHOOLS.....	38,813,017	3,114,583
1950-WACHUSETT REGIONAL SCHOOL DISTRICT.....	140,864,205	11,303,766
1955-WAKEFIELD PUBLIC SCHOOLS.....	86,285,087	6,924,019
1960-WALES PUBLIC SCHOOLS.....	3,050,203	244,766
1965-WALPOLE PUBLIC SCHOOLS.....	98,727,773	7,922,493
1970-WALTHAM PUBLIC SCHOOLS.....	182,299,979	14,628,814
1975-WARE PUBLIC SCHOOLS.....	24,151,794	1,938,081
1980-WAREHAM PUBLIC SCHOOLS.....	54,747,183	4,393,233
2000-WATERTOWN PUBLIC SCHOOLS.....	91,539,826	7,345,690
2005-WAYLAND PUBLIC SCHOOLS.....	89,402,985	7,174,217
2010-WEBSTER PUBLIC SCHOOLS.....	39,966,782	3,207,168
2015-WELLESLEY PUBLIC SCHOOLS.....	173,045,569	13,886,186
2020-WELLFLEET PUBLIC SCHOOLS.....	4,401,696	353,218
2025-WEST BOYLSTON PUBLIC SCHOOLS.....	24,749,749	1,986,064
2030-WEST BRIDGEWATER PUBLIC SCHOOLS.....	28,875,279	2,317,121
2045-WEST SPRINGFIELD PUBLIC SCHOOLS.....	93,456,644	7,499,507
2055-WESTBOROUGH PUBLIC SCHOOLS.....	107,481,196	8,624,918
2060-WESTFIELD PUBLIC SCHOOLS.....	112,012,900	8,988,569
2065-WESTFORD PUBLIC SCHOOLS.....	121,662,648	9,762,921
2070-WESTHAMPTON PUBLIC SCHOOLS.....	3,359,951	269,622
2080-WESTON PUBLIC SCHOOLS.....	78,424,301	6,293,224
2085-WESTPORT PUBLIC SCHOOLS.....	36,199,434	2,904,854

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
2090-WESTWOOD PUBLIC SCHOOLS.....	\$ 90,456,940	\$ 7,258,793
2095-WEYMOUTH PUBLIC SCHOOLS.....	142,665,650	11,448,324
2100-WHATELY PUBLIC SCHOOLS.....	3,460,012	277,652
2110-WHITMAN-HANSON REGIONAL.....	80,112,246	6,428,674
2120-WILLIAMSBURG PUBLIC SCHOOLS.....	4,138,115	332,067
2130-WILMINGTON PUBLIC SCHOOLS.....	87,183,264	6,996,094
2135-WINCHENDON PUBLIC SCHOOLS.....	24,305,401	1,950,407
2140-WINCHESTER PUBLIC SCHOOLS.....	121,345,282	9,737,454
2145-WINTHROP PUBLIC SCHOOLS.....	43,111,042	3,459,482
2150-WHITTIER VOCATIONAL SCHOOL DISTRICT.....	37,268,920	2,990,676
2155-WOBURN PUBLIC SCHOOLS.....	124,756,632	10,011,200
2160-WORCESTER PUBLIC SCHOOLS.....	580,545,205	46,586,335
2162-MASS ACADEMY OF MATH AND SCIENCE.....	1,963,432	157,557
2164-WORTHINGTON PUBLIC SCHOOLS.....	1,398,289	112,207
2165-WRENTHAM PUBLIC SCHOOLS.....	24,562,934	1,971,073
2200-AYER SHIRLEY REGIONAL.....	38,661,443	3,102,420
2205-SOMERSET-BERKLEY REGIONAL.....	22,739,331	1,824,737
2210-MONOMOY REGIONAL SCHOOL DISTRICT.....	52,955,162	4,249,431
2215-ESSEX NORTH SHORE AGRICULTURAL & TECHNICAL.....	42,933,707	3,445,251
3000-MASS VIRTUAL ACADEMY AT GREENFIELD.....	13,437,452	1,078,300
3005-TECCA VIRTUAL SCHOOL.....	24,315,143	1,951,189
4005-COMMUNITY DAY CHARTER SCHOOL.....	9,866,730	791,764
4010-CITY ON A HILL CHARTER SCHOOL.....	6,617,117	530,996
4015-ATLANTIS CHARTER SCHOOL.....	20,850,896	1,673,198
4020-CAPE COD LIGHTHOUSE CHARTER SCHOOL.....	6,750,230	541,678
4025-HILLTOWN COOPERATIVE CHARTER SCHOOL.....	5,008,088	401,878
4030-BENJAMIN FRANKLIN CLASSICAL CHARTER SCHOOL.....	14,869,009	1,193,176
4035-SOUTH SHORE CHARTER SCHOOL.....	27,614,924	2,215,983
4040-LOWELL MIDDLESEX ACADEMY CHARTER SCHOOL.....	2,191,814	175,884
4055-BOSTON RENAISSANCE CHARTER SCHOOL.....	25,376,856	2,036,387
4060-MARBLEHEAD COMMUNITY CHARTER SCHOOL.....	4,887,679	392,216
4065-FRANCIS W. PARKER CHARTER SCHOOL.....	9,515,268	763,561
4070-NEIGHBORHOOD HOUSE CHARTER SCHOOL.....	20,849,319	1,673,071
4075-ACADEMY OF THE PACIFIC RIM CHARTER SCHOOL.....	14,773,705	1,185,528
4080-BENJAMIN BANNEKER CHARTER SCHOOL.....	7,465,579	599,082
4090-LAWRENCE FAMILY DEVELOPMENT CHARTER SCHOOL.....	14,039,523	1,126,613
4095-MARTHA'S VINEYARD CHARTER SCHOOL.....	6,039,675	484,659
4105-SABIS INTERNATIONAL CHARTER SCHOOL.....	21,729,946	1,743,738
4115-PIONEER VALLEY PERFORMING ARTS CHARTER.....	8,893,590	713,674
4120-PROSPECT HILL ACADEMY CHARTER SCHOOL.....	34,267,424	2,749,818
4125-SEVEN HILLS CHARTER SCHOOL.....	12,082,915	969,604



**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
4140-ABBY KELLEY FOSTER REGIONAL CHARTER.....	\$ 28,801,714	\$ 2,311,218
4145-MYSTIC VALLEY REGIONAL CHARTER SCHOOL.....	22,904,054	1,837,955
4150-FOXBORO REGIONAL CHARTER SCHOOL.....	29,473,967	2,365,163
4165-RISING TIDE CHARTER.....	15,137,275	1,214,703
4170-BOSTON COLLEGIATE CHARTER SCHOOL.....	22,858,899	1,834,331
4175-STURGIS CHARTER SCHOOL.....	25,997,203	2,086,167
4180-RIVER VALLEY CHARTER SCHOOL.....	5,920,494	475,095
4200-CONSERVATORY LAB CHARTER SCHOOL.....	10,792,235	866,032
4205-ROXBURY PREPARATORY CHARTER.....	38,256,328	3,069,911
4210-MEDIA & TECH CHARTER HIGH SCHOOL.....	36,554,710	2,933,363
4225-CODMAN ACADEMY CHARTER SCHOOL.....	11,886,552	953,846
4235-CHRISTA MCAULIFFE REGIONAL CHARTER PUBLIC SCHOOL.....	9,628,676	772,661
4240-NORTH CENTRAL CHARTER ESSENTIAL SCHOOL.....	8,354,356	670,402
4245-INNOVATION ACADEMY CHARTER SCHOOL.....	16,883,596	1,354,838
4250-EDWARD BROOKE CHARTER SCHOOL.....	57,728,021	4,632,433
4260-FOUR RIVER CHARTER PUBLIC SCHOOL.....	5,504,866	441,743
4265-BOSTON PREPARATORY CHARTER SCHOOL.....	19,617,613	1,574,232
4270-EXCEL ACADEMY CHARTER SCHOOL.....	35,549,789	2,852,722
4275-SALEM ACADEMY CHARTER SCHOOL.....	12,791,148	1,026,436
4285-BERKSHIRE ARTS AND TECHNOLOGY CHARTER.....	8,284,719	664,814
4290-HELEN Y. DAVIS LEADERSHIP ACADEMY CHARTER PUBLIC.....	4,721,934	378,916
4295-HILLVIEW MONTESSORI CHARTER SCHOOL.....	5,633,450	452,061
4300-KIPP ACADEMY LYNN CHARTER SCHOOL.....	40,087,282	3,216,837
4305-ADVANCED MATH & SCIENCE ACADEMY CHARTER SCHOOL.....	20,259,108	1,625,709
4310-COMMUNITY CHARTER SCHOOL OF CAMBRIDGE.....	10,236,934	821,471
4315-HOLYOKE COMMUNITY CHARTER SCHOOL.....	10,480,373	841,006
4320-MARTIN LUTHER KING JR. CHARTER SCHOOL.....	8,534,466	684,855
4325-PHOENIX CHARTER ACADEMY.....	5,251,252	421,391
4330-PIONEER VALLEY CHINESE IMMERSION CHARTER.....	14,789,318	1,186,781
4420-LOWELL COMMUNITY CHARTER SCHOOL.....	16,071,686	1,289,686
4425-PIONEER CHARTER SCHOOL OF SCIENCE.....	15,359,134	1,232,507
4430-GLOBAL LEARNING CHARTER PUBLIC SCHOOL.....	9,953,250	798,707
4440-HAMPDEN CHARTER SCHOOL OF SCIENCE - EAST.....	11,012,876	883,737
4510-ALMA DEL MAR CHARTER SCHOOL.....	14,772,947	1,185,467
4515-BRIDGE BOSTON CHARTER SCHOOL.....	11,415,280	916,029
4550-VERITAS PREPARATORY CHARTER SCHOOL.....	11,391,605	914,129
4565-CDCPS-GATEWAY.....	8,027,775	644,195
4570-CDCPS-R KINGMAN WEBSTER.....	7,344,181	589,340
4575-KIPP ACADEMY BOSTON CHARTER SCHOOL.....	13,901,892	1,115,569
4580-PAULO FREIRE SOCIAL JUSTICE CHARTER SCHOOL.....	6,135,613	492,357
4585-CITY ON A HILL CHARTER 2.....	243,697	19,556

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
SUPPLEMENTAL SCHEDULE OF SPECIAL FUNDING  
AMOUNTS BY EMPLOYER (CONTINUED)  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(UNAUDITED)**

Employer	Commonwealth's Proportionate Share of the Net Pension Liability Associated with the District	Employer Pension Expense and Revenue from Commonwealth Support
4590-CITY ON A HILL CHARTER - NEW BEDFORD.....	\$ 108,481	\$ 8,705
4595-PIONEER CHARTER SCHOOL OF SCIENCE II.....	6,683,333	536,310
4600-THE LOWELL COLLEGIATE CHARTER SCHOOL.....	9,866,783	791,768
4605-BAY STATE ACADEMY CHARTER PUBLIC SCHOOL.....	9,886,130	793,321
4610-PHOENIX CHARTER ACADEMY SPRINGFIELD.....	3,252,789	261,023
4615-ARGOSY COLLEGIATE CHARTER SCHOOL.....	11,091,199	890,023
4620-SPRINGFIELD PREPARATORY CHARTER SCHOOL.....	7,475,077	599,844
4625-NEW HEIGHTS CHARTER OF BROCKTON.....	16,995,439	1,363,813
4630-LIBERTAS ACADEMY CHARTER SCHOOL.....	7,410,064	594,627
4635-OLD STURBRIDGE ACADEMY CHARTER PUBLIC SCHOOL.....	3,897,740	312,777
4640-MAP ACADEMY CHARTER SCHOOL.....	4,256,884	341,597
4645-HAMPDEN CHARTER SCHOOL OF SCIENCE - WEST.....	5,453,383	437,611
4650-PHOENIX ACADEMY PUBLIC CHARTER HS LAWERENCE.....	2,928,582	235,006
Totals.....	<u>\$ 22,706,876,000</u>	<u>\$ 1,822,132,238</u> (Concluded)

*See accompanying notes to supplemental schedules.*

**MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM  
NOTES TO SUPPLEMENTAL SCHEDULES  
AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2021  
(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, 2021. 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 \$7,755,988,000) of employers in MTRS as of the measurement date of June 30, 2021. 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, 2021, 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.