

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**

Annual Financial Statements

For the Year Ended June 30, 2019

# HAMPSHIRE COUNTY GROUP INSURANCE TRUST

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**Additional Offices:**

Nashua, NH  
Manchester, NH  
Andover, MA  
Ellsworth, ME

## INDEPENDENT AUDITORS' REPORT

To the Insurance Advisory Committee  
Hampshire County Group Insurance Trust

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Hampshire County Group Insurance Trust, which comprises the statement of net position, statement of revenues, expenses, and changes in net position and cash flows as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Trust's basic financial statements as listed in the Table of Contents.

### **Management's Responsibility for the Financial Statements**

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

### **Auditors' Responsibility**

Our responsibility is to express opinions on these financial statements 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 financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the

financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

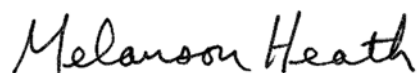
### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Hampshire County Group Insurance Trust, as of June 30, 2019, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

### **Other Matters**

#### *Required Supplementary Information*

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



January 16, 2020

## **MANAGEMENT'S DISCUSSION AND ANALYSIS**

As management of the Hampshire County Group Insurance Trust (the Trust), we offer readers this narrative overview and analysis of the financial activities of the Trust for the fiscal year ended June 30, 2019.

### **A. OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the Hampshire County Group Insurance Trust's basic financial statements. The basic financial statements include: (1) the Statement of Net Position, (2) the Statement of Revenues, Expenses and Changes in Net Position, (3) the Statement of Cash Flows, and (4) Notes to the financial statements.

The Statement of Net Position presents information on all assets, liabilities, and deferred outflows/inflows with the difference reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position is improving or deteriorating.

The Statement of Revenues, Expenses and Changes in Net Position summarizes our operating results and the change in net position for the fiscal year.

The Statement of Cash Flows provides information about the cash receipts and cash payments during the accounting period. It also provides information about the investing activities for the same period.

The Notes provide additional information that is essential to a full understanding of the data provided in the financial statements.

### **B. FINANCIAL HIGHLIGHTS**

As of the close of the current fiscal year, the total of assets and deferred outflows exceeded liabilities and deferred inflows by \$24,576,094 (i.e., net position), a change of \$2,834,238 in comparison to the prior year.

The following is a summary of net position for the current and prior fiscal years:

NET POSITION

	<u>2019</u>	<u>2018</u>
Current and other assets	\$ 35,633,906	\$ 31,146,413
Deferred outflows	124,315	65,120
Current liabilities	10,077,257	8,456,602
Noncurrent liabilities	<u>1,072,249</u>	<u>945,557</u>
Total Liabilities	11,149,506	9,402,159
Deferred inflows	<u>32,621</u>	<u>67,518</u>
Unrestricted Net Position	<u>\$ 24,576,094</u>	<u>\$ 21,741,856</u>

CHANGES IN NET POSITION

	<u>2019</u>	<u>2018</u>
Operating revenues	\$ 70,965,251	\$ 68,427,024
Operating expenses	<u>(68,932,977)</u>	<u>(65,250,500)</u>
Operating Income	2,032,274	3,176,524
Nonoperating revenues	<u>801,964</u>	<u>307,216</u>
Change in Net Position	2,834,238	3,483,740
Net Position - Beginning of Year	<u>21,741,856</u>	<u>18,258,116</u>
Net Position - End of Year	<u>\$ 24,576,094</u>	<u>\$ 21,741,856</u>

**REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the Hampshire County Group Insurance Trust's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Mr. Joseph Shea, Director  
Hampshire County Group Insurance Trust  
98 King Street  
Northampton, MA 01060

HAMPSHIRE COUNTY GROUP INSURANCE TRUST

PROPRIETARY FUND

STATEMENT OF NET POSITION

JUNE 30, 2019

**Assets**

Current:

Cash and short-term investments	\$ 10,542,680
Investments	20,545,606
Member accounts receivable	<u>4,545,620</u>
Total current assets	35,633,906

**Deferred Outflows of Resources**

Related to pensions	<u>124,315</u>
---------------------	----------------

Total Assets and Deferred Outflows  
of Resources

35,758,221

**Liabilities**

Current:

Member deposits	4,399,802
Accrued claims payable (IBNR)	<u>5,677,455</u>
Total Current Liabilities	10,077,257

Noncurrent:

Accrued compensated absences	38,643
Net pension liability	768,540
Total OPEB liability	<u>265,066</u>
Total Noncurrent Liabilities	1,072,249

**Deferred Inflows of Resources**

Related to pensions	<u>32,621</u>
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Total Liabilities and Deferred Inflows  
of Resources

11,182,127

**Net Position**

Unrestricted	<u>24,576,094</u>
Total Net Position	\$ <u><u>24,576,094</u></u>

The accompanying notes are an integral part of these financial statements.

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**  
**PROPRIETARY FUND**  
**STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION**  
**FOR THE YEAR ENDED JUNE 30, 2019**

<b>Operating Revenues</b>	
Premiums	\$ <u>70,965,251</u>
Total Operating Revenues	70,965,251
<b>Operating Expenses</b>	
Insurance claims	64,131,668
Claims administration fees	3,101,924
Stop loss insurance premiums	1,165,283
Administration	<u>534,102</u>
Total Operating Expenses	<u>68,932,977</u>
Operating Income	2,032,274
<b>Nonoperating Revenues</b>	
Investment income	<u>801,964</u>
Total Nonoperating Revenues	<u>801,964</u>
Change in Net Position	2,834,238
Net Position, at Beginning of Year	<u>21,741,856</u>
Net Position, at End of Year	\$ <u><u>24,576,094</u></u>

The accompanying notes are an integral part of these financial statements.



HAMPSHIRE COUNTY GROUP INSURANCE TRUST

PROPRIETARY FUND

STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED JUNE 30, 2019

<b>Cash Flows From Operating Activities</b>	
Receipts from members and users	\$ 70,406,557
Payments to vendors and employees	<u>(66,905,007)</u>
Net Cash Provided By Operating Activities	3,501,550
<b>Cash Flows From Investing Activities</b>	
(Purchase) sale of investments, net	(787,813)
Investment income	<u>801,964</u>
Net Cash Provided by Investing Activities	<u>14,151</u>
Net Change in Cash and Short-Term Investments	3,515,701
Cash and Short Term Investments, Beginning of Year	<u>7,026,979</u>
Cash and Short Term Investments, End of Year	<u>\$ 10,542,680</u>
<b>Reconciliation of Operating Income to Net Cash Provided By Operating Activities</b>	
Operating income	\$ 2,032,274
Adjustments to reconcile operating income to net cash provided by operating activities:	
Changes in assets, liabilities and deferred outflows/inflows:	
Member accounts receivable	(844,122)
Member deposits	272,320
Prepaid expense	647,035
Deferred outflows - related to pensions	(59,195)
Warrants payable	13,108
Accrued claims payable (IBNR)	1,348,335
Accrued compensated absences	3,754
Net pension liability	122,938
Deferred inflows - related to pensions	<u>(34,897)</u>
Net Cash Provided By Operating Activities	<u>\$ 3,501,550</u>

The accompanying notes are an integral part of these financial statements.

# HAMPSHIRE COUNTY GROUP INSURANCE TRUST

## Notes to Financial Statements

### 1. Summary of Significant Accounting Policies

The accounting policies of the Hampshire County Group Insurance Trust (the Trust) conform to generally accepted accounting principles (GAAP) as applicable to governmental units. The following is a summary of the more significant policies:

#### A. Reporting Entity

The Hampshire County Group Insurance Trust (HCGIT) operates under the provisions of Chapter 32B Chapter 12 of the Massachusetts General Laws. All assets of the HCGIT are restricted for HCGIT use only. The Trust's administrative office is located at 98 King Street, Northampton, MA. As of June 30, 2019, the Trust was composed of 70 Unit members from the cities and towns within Hampshire, Hampden, Franklin and Worcester County. A participating Unit whose membership in the Trust is terminated shall not be entitled to a distribution of any surplus in the certified uncommitted trust fund balance.

The Hampshire County Group Insurance Trust (HCGIT) administers a self-insurance program to offer group health insurance and other employee benefits on behalf of their participating members. Per the trust agreement, the Board of Hampshire Council of Governments Councilors acts as the Trustees of the HCGIT. As Trustees, they appoint the Insurance Director and other administrative staff, and receive advice from the Insurance Advisory Committee, a subcommittee of the Councilors. Per Massachusetts General Law Chapter 32B under which the HCGIT was established, all assets of the HCGIT are considered restricted and therefore cannot be used, borrowed, or leveraged by the Council. The trust agreement also states that no part of the HCGIT funds shall be distributed for other than HCGIT obligations. In the event that the Hampshire Council of Governments votes to dissolve, the Insurance Advisory Committee shall immediately become vested as Trustees and the business of the HCGIT shall be conducted without interruption. Conversely, in the event that the HCGIT is terminated by the Trustees, any residual funds shall be divided among their participating members. As of July 1, 2019, the Trustee role has been transferred to the IAC of the Trust.

The HCGIT contracts with an insurance carrier for excess liability coverage and an insurance consultant for claims processing. Under the terms of its insurance coverage, the HCGIT is liable for up to \$275,000 with a lifetime maximum of \$2 million per covered person.

The HCGIT's insurance plans are retrospectively rated policies. In other words, the HCGIT contributes a level monthly premium which is adjusted (settled) quarterly for actual claims paid. Contributions to the Trust from participating Units are on a monthly basis, based on upon plan specific funding rates for coverage provided on individual and family enrollments for self-insured plans. Rates are calculated by the Insurance Director and approved by the IAC. Rates are to be determined to cover 100% cost of the coverage of the Trust, including incurred claims, and administrative expenses.

All surpluses and deficits of the Trust are shared collectively with the Units. Deficits are offset with funds in the unrestricted reserve account. Surplus is added to the unrestricted reserve account. The Trust manages to maintain an unrestricted reserve fund that approximates three (3) months of expenses (claims, admin fee, reinsurance, etc.).

The Trust provides health insurance plans under a self-funded medical plan for active employees and non-Medicare eligible retirees. The plans are administered through BCBS-MA. Active plans are the BCBS Network Blue (HMO) and the BCBS Bluecare Elect (PPO). The self-funded senior plan is the BCBS Medex 2 w/PDP plan.

Active members also have access to a Rx plan through CanaRx. Certain brand name medications can be obtained free of charge to subscribers with the Trust picking up 100% of the cost. This program is voluntary and currently only offered to active members.

**B. Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

The Trust reports in a manner consistent with a special purpose entity, which is similar to a proprietary fund. Proprietary fund financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*. Under this method, revenues are recognized when earned and expenses are recorded when liabilities are incurred.

Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering services in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the proprietary fund are charges to members for insurance premiums. Operating expenses for proprietary funds include the cost of health insurance claims and related administrative expenses. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

C. Cash and Short-Term Investments

Deposits with financial institutions consist primarily of demand deposits, certificates of deposits, and savings accounts.

For purpose of the statement of cash flows, the Trust considers investments with original maturities of three months or less to be short-term investments.

D. Investments

Investments consist of certificates of deposit, corporate bonds, corporate equities, equity mutual funds and U.S. Treasury notes. Investments are carried at fair value, except certificates of deposit, which are reported at cost.

E. Reinsurance

The Trust contracts with an insurance carrier for excess liability coverage and an insurance consultant for claims processing to reduce its exposure to large losses. Under the terms of its insurance coverage, the Trust is liable for up to \$275,000 with a lifetime maximum of \$2 million per covered person.

F. Compensated Absences

It is the Trust's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. All vested sick and vacation pay is accrued when incurred.

G. Net Position

Net position represents the difference between assets/deferred outflows and liabilities/deferred inflows. Net investment in capital assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowing used for the acquisition, construction or improvement of those assets. The entire balance of the Trust's net position is reported as unrestricted.

H. Use of Estimates

The preparation of basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures for contingent assets and liabilities at the date of the basic financial statements, and the reported amounts of the revenues and expenditures/expenses during the fiscal year. Actual results could vary from estimates that were used.

## 2. Cash and Short-Term Investments

*Custodial Credit Risk - Deposits.* Custodial credit risk, as defined under GASB Statement No. 40, is the risk that in the event of a bank failure, the Trust's deposits may not be returned to it. Massachusetts General Law Chapter 44, Section 55 limits deposits "in a bank or trust company or banking company to an amount not exceeding 60% of the capital and surplus of such bank or trust company or banking company, unless satisfactory security is given to it by such bank or trust company or banking company for such excess". The Trust's deposits are within this limitation. At June 30, 2019, the Trust did not have a deposit policy addressing custodial credit risk.

As of June 30, 2019, none of the Trust's bank balance of \$10,591,968 was exposed to custodial credit risk as uninsured and/or uncollateralized.

## 3. Investments

The following is a summary of the Trusts' investments as of June 30, 2019:

<u>Investment Type</u>	<u>Amount</u>
Asset backed securities	\$ 1,643,192
Certificates of deposit	9,774,124
Corporate bonds	1,073,014
Corporate equities	2,322,609
Equity mutual funds	4,638,894
U.S Treasury notes	<u>1,093,773</u>
Total	\$ <u>20,545,606</u>

### A. Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. For short-term investments that were purchased using surplus revenues, Massachusetts General Law, Chapter 44, Section 55, limits the Trust's investments to the top rating issued by at least one nationally recognized statistical rating organization (NRSROs). The Trust's investment policy requires they invest in a prudent manner, achieving growth and income through quality investments with minimal risk; all bonds should have a rating of BBB- or better.

Presented below is the actual rating as of year-end for each investment type of the Trust (all federal agency securities have an implied credit rating of AAA.):

<u>Investment Type</u>	<u>Amount</u>	<u>Rating as of Year End</u>					
		<u>AAA</u>	<u>AA3</u>	<u>A1/A2/A3</u>	<u>BAA2</u>	<u>BAA3</u>	<u>Unrated</u>
Asset backed securities	\$ 1,643,192	\$ 1,643,192	\$ -	\$ -	\$ -	\$ -	\$ -
Certificates of deposit	9,774,124	-	-	-	-	-	9,774,124
Corporate bonds	<u>1,073,014</u>	<u>317,302</u>	<u>29,612</u>	<u>558,653</u>	<u>48,629</u>	<u>118,818</u>	-
Total	\$ <u>12,490,330</u>	\$ <u>1,960,494</u>	\$ <u>29,612</u>	\$ <u>558,653</u>	\$ <u>48,629</u>	\$ <u>118,818</u>	\$ <u>9,774,124</u>

**B. Custodial Credit Risk**

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g. broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The Trust's investment policy to limit custodial credit risk is to keep a diversified portfolio, with specified ranges of asset allocation between cash equivalents (0% - 25%), fixed income (25% - 75%) and stocks (0% - 25%).

**C. Concentration of Credit Risk**

The Trust limits investment in any one company to no more than 15% of the total stock portfolio and no one industry can represent more than 30% of total equity holdings. Investments in any one issuer (other than U.S. Treasury notes and equity mutual funds) that represent 5% or more of total investments are as follows:

<u>Investment Issuer</u>	<u>Amount</u>	<u>% of Total Investments</u>
Easthampton Savings Bank	\$ 6,452,549	31%
Forence Savings Bank	<u>3,321,575</u>	16%
Total	\$ <u>9,774,124</u>	

**D. Interest Rate Risk**

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The Trusts' policy limits interest rate risk by requiring fixed income investments (bonds) to have an average maturity of 7 years or less. The Trust currently holds investments with maturities greater than 7 years as they were originally purchased prior to the adoption of the investment policy.

Information about the sensitivity of the fair values of the Trust's investments to market interest rate fluctuations is as follows:

<u>Investment Type</u>	<u>Amount</u>	<u>Investment Maturities (in Years)</u>			
		<u>Less Than 1</u>	<u>1-5</u>	<u>6-10</u>	<u>Thereafter</u>
Asset backed securities	\$ 1,643,192	\$ -	\$ 584,352	\$ 638,656	\$ 420,184
Certificates of deposit	9,774,124	9,774,124	-	-	-
Corporate bonds	1,073,014	495,541	532,058	-	45,415
U.S Treasury notes	<u>1,093,773</u>	<u>34,951</u>	<u>622,193</u>	<u>436,629</u>	<u>-</u>
Total	\$ <u>13,584,103</u>	\$ <u>10,304,616</u>	\$ <u>1,738,603</u>	\$ <u>1,075,285</u>	\$ <u>465,599</u>

#### E. Foreign Currency Risk

Foreign currency risk is the risk that changes in foreign exchange rates will adversely affect the fair value of an investment. The Trust does not have formal investment policies for foreign currency risk.

#### F. Fair Value

The Trust categorizes its fair value measurements within the fair value hierarchy established by Governmental Accounting Standards Board Statement No. 72 *Fair Value Measurement and Application* (GASB 72).

The hierarchy is based on the valuation inputs used to measure the fair value of the asset and give the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The hierarchy categorizes the inputs to valuation techniques used for fair value measurement into three levels as follows:

- Level 1- inputs that reflect quoted prices (unadjusted) in active markets for identical assets or liabilities that the fund has the ability to access at the measurement date.
- Level 2- inputs other than quoted prices that are observable for an asset or liability either directly or indirectly, including inputs in markets that are not considered to be active. Because they must often be priced on the basis of transactions involving similar but not identical securities or do not trade with sufficient frequency, certain directly held securities are categorized as level 2.
- Level 3- unobservable inputs based on the best information available, using assumptions in determining the fair value of investments and derivative instruments.

In instances where inputs are used to measure fair value fall into different levels in the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation.

The Trust has the following fair value measurements as of June 30, 2019:

<u>Description</u>	<u>Amount</u>	<u>Fair Value Measurements Using:</u>		
		Quoted prices in active markets for identical assets <u>(Level 1)</u>	Significant observable inputs <u>(Level 2)</u>	Significant unobservable inputs <u>(Level 3)</u>
Investments by fair value level:				
Asset backed securities	\$ 1,643,192	\$ 1,643,192	\$ -	\$ -
Corporate bonds	1,073,014	-	1,073,014	-
Corporate equities	2,322,609	2,322,609	-	-
Equity mutual funds	4,638,894	4,638,894	-	-
U.S Treasury notes	<u>1,093,773</u>	-	1,093,773	-
Total	\$ <u>10,771,482</u>			

Equity securities classified in Level 1 are valued using prices quoted in active markets for those securities.

Debt securities classified in Level 2 are valued using either a bid evaluation or a matrix pricing technique. Bid evaluations may include market quotations, yields, maturities, call features, and ratings. Matrix pricing is used to value securities based on the securities relationship to benchmark quote prices. Level 2 debt securities have non-proprietary information that was readily available to market participants, from multiple independent sources, which are known to be actively involved in the market.

#### 4. Member Accounts Receivables

This balance represents monthly premiums billed to member units in June, not paid until July.

#### 5. Deferred Outflows of Resources

Deferred outflows of resources represent the consumption of net position by the Trust that is applicable to future reporting periods. Deferred outflows of resources have a positive effect on net position, similar to assets. Deferred outflows of resources related to pensions in accordance with GASB Statement No. 68 *Accounting and Financial Reporting for Pensions* are more formally discussed in the corresponding pension note.



**6. Member Deposits**

The Trust collects an initial deposit from each member when they join the Trust. These deposits would be used to fund residual claims in the event the member withdraws from the Trust.

**7. Accrued Claims Payable (IBNR)**

The Trust reports a liability for the estimate of claims incurred but unpaid at year end, based on historical costs and claims paid subsequent to year end. Changes in the aggregate liability for claims for the year ended June 30, 2019 are as follows:

Claims liability, July 1, 2018	\$ 4,329,120
Claims incurred/recognized	64,131,668
Claims paid in period	<u>(62,783,333)</u>
Claims liability, June 30, 2019	\$ <u><u>5,677,455</u></u>

This liability is comprised of:

Estimated incurred but not reported claims liability	\$ 4,303,277
Amount due for settlement of the quarter ending June 30, 2019	<u>1,374,178</u>
	\$ <u><u>5,677,455</u></u>

**8. Hampshire County Retirement System**

The Trust follows the provisions of GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27*, with respect to the employees’ retirement funds.

**A. Plan Description**

All employees of the Trust are members of the Hampshire County Retirement System (the System), a cost sharing, multiple-employer public employee retirement system (PERS). Eligible employees must participate in the System. The pension plan provides pension benefits, deferred allowances, and death and disability benefits. Chapter 32 of the Massachusetts General Laws establishes the authority of the System, contribution percentages and benefits paid. The System Retirement Board does not have the authority to amend benefit provisions. Additional information is disclosed in the System’s annual financial reports publicly available from the System located at 99 Industrial Avenue, Northampton, MA 01060.

### Participants Contributions

Participants contribute a set percentage of their gross regular compensation annually. Employee contribution percentages are specified in Chapter 32 of the Massachusetts General Laws. The employee's individual contribution percentage is determined by their date of entry into the system. In addition, all employees hired on or after January 1, 1979 contribute an additional 2% on all gross regular compensation over the rate of \$30,000 per year. The percentages are as follows:

Before January 1, 1975	5%
January 1, 1975 – December 31, 1983	7%
January 1, 1984 – June 30, 1996	8%
Beginning July 1, 1996	9%

For those members entering a Massachusetts System on or after April 2, 2012 in Group 1, the contribution rate will be reduced to 6% when at least 30 years of creditable service has been attained.

### Participant Retirement Benefits

A retirement allowance consists of two parts: an annuity and a pension. A member's accumulated total deductions and a portion of the interest they generate constitute the annuity. The difference between the total retirement allowance and the annuity is the pension. The average retirement benefit is approximately 80-85% pension and 15-20% annuity.

The System provides for retirement allowance benefits up to a maximum of 80% of a member's highest 3-year average annual rate of regular compensation for those hired prior to April 2, 2012 and the highest 5-year average annual rate of regular compensation for those first becoming members of the Massachusetts System on or after that date. However, per Chapter 176 of the Acts of 2011, for members who retire on or after April 2, 2012, if in the 5 years of creditable service immediately preceding retirement, the difference in the annual rate of regular compensation between any 2 consecutive years exceeds 100%, the normal yearly amount of the retirement allowance shall be based on the average annual rate of regular compensation received by the member during the period of 5 consecutive years preceding retirement. Benefit payments are based upon a member's age, length of creditable service, level of compensation and group classification.

There are 4 classes of membership in the retirement system, but one of these classes, Group 3, is made up exclusively of the Massachusetts State Police. The other three classes are as follows:

- Group 1 – General employees, including clerical, administrative, technical, and all other employees not otherwise classified.
- Group 2 – Certain specified hazardous duty positions.
- Group 4 – Police officers, firefighters, and other specified hazardous positions.

A retirement allowance may be received at any age, upon attaining 20 years of service. The plan also provides for retirement at age 55 if the participant was a member prior to January 1, 1978, with no minimum vesting requirements. If the participant was a member on or after January 1, 1978 and a member of Groups 1 or 2, then a retirement allowance may be received if the participant (1) has at least 10 years of creditable service, (2) is age 55, (3) voluntarily left Council employment on or after that date, and (4) left accumulated annuity deductions in the fund. Members of Group 4 have no minimum vesting requirements, however, must be at least age 55. Groups 2 and 4 require that participants perform the duties of the Group position for at least 12 months immediately prior to retirement.

A participant who became a member on or after April 2, 2012 is eligible for a retirement allowance upon 10 years creditable service and reaching ages 60 or 55 for Groups 1 and 2, respectively. Participants in Group 4 must be at least age 55. Groups 2 and 4 require that participants perform the duties of the Group position for at least 12 months immediately prior to retirement.

#### Methods of Payment

A member may elect to receive his or her retirement allowance in one of three forms of payment as follows:

- Option A – Total annual allowance, payable in monthly installments, commencing at retirement and terminating at the members death.
- Option B – A reduced annual allowance, payable in monthly installments, commencing at retirement and terminating at the death of the member, provided however, that if the total amount of the annuity portion received by the member is less than the amount of his or her accumulated deductions, including interest, the difference or balance of his accumulated deductions will be paid in a lump sum to the retiree’s beneficiary or beneficiaries of choice.
- Option C – A reduced annual allowance, payable in monthly installments, commencing at retirement. At the death of the retired employee, 2/3 of the allowance is payable to the member’s designated beneficiary (who may be the spouse, or former spouse who has not remarried, child, parent, sister, or brother of the employee) for the life of the beneficiary. For members who retired on or after January 12, 1988, if the beneficiary pre-deceases the retiree, the benefit payable increases (or “pops up” to Option A) based on the factor used to determine the Option C benefit at retirement. For members who retired prior to

January 12, 1988, if the System has accepted Section 288 of Chapter 194 of the Acts of 1998 and the beneficiary pre-deceases the retiree, the benefit payable “pops up” to Option A in the same fashion. The Option C became available to accidental disability retirees on November 7, 1996.

#### Participant Refunds

Employees who resign from service and who are not eligible to receive a retirement allowance are entitled to request a refund of their accumulated total deductions. Members voluntarily withdrawing with at least 10 years of service or involuntarily withdrawing, receive 100% of the regular interest that has accrued on those accumulated total deductions. Members voluntarily withdrawing with less than 10 years of service get credited interest each year at a rate of 3%.

#### Employer Contributions

Employers are required to contribute at actuarially determined rates as accepted by the Public Employee Retirement Administration Commission (PERAC).

The Trust’s contribution to the System for the year ended June 30, 2019 was \$80,567, which was equal to its annual required contribution.

#### *B. Summary of Significant Accounting Policies*

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the System and additions to/deductions from System’s fiduciary net position have been determined on the same basis as they are reported by System. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value.

#### *C. Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred (Inflows) of Resources Related to Pensions*

At June 30, 2019, the Trust reported a liability of \$768,540 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2018. The Trust’s proportion of the net pension liability was based on a projection of the Trust’s long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. At June 30, 2019, the Trust’s proportion was 0.357%.

For the year ended June 30, 2019, the Trust recognized pension expense of \$98,665. In addition, the Trust reported deferred outflows and (inflows) of resources related to pensions from the following sources:

	Deferred Outflows of <u>Resources</u>	Deferred (Inflows) of <u>Resources</u>
Differences between expected and actual experience	\$ -	\$ (7,478)
Net difference between projected and actual pension investment earnings	62,501	-
Changes of assumptions	24,384	(25,143)
Changes in proportion and differences between contributions and proportionate share of contributions	<u>37,430</u>	<u>-</u>
	\$ <u>124,315</u>	\$ <u>(32,621)</u>

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

Year ended June 30:	
2020	\$ 25,868
2021	21,245
2022	12,950
2023	27,631
2024	3,227
Thereafter	<u>773</u>
Total	\$ <u>91,694</u>

#### D. Actuarial Assumptions

The total pension liability in the January 1, 2018 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	3.00%
Salary increases	4.25% - 4.75%
Investment rate of return	7.45%

Mortality rates were based on the RP2000 Table, projected with scale BB with base year of 2009.

The actuarial assumptions used in the January 1, 2018 valuation were based on the results of the most recent actuarial experience study, which was for the period ending December 31, 2018.

### Assumption Changes

All actuarial assumptions and methods remained the same from the prior measurement date.

#### *E. Target Allocations*

The long-term expected rate of return on pension plan investments was selected from a best estimate range determined using the building block approach. Under this method, an expected future real return range (expected returns, net of pension plan investment expense and inflation) is calculated separately for each asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return net of investment expenses by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major class are summarized in the following table:

<u>Asset Class</u>	<u>Target Asset Allocation</u>	<u>Long-term Expected Real Rate of Return</u>
Domestic Equity	20.5%	4.82%
International Equity	16.5%	5.00%
Emerging Markets Equity	8.0%	6.50%
Domestic Fixed Income	10.0%	1.25%
Emerging Fixed Income	6.0%	4.00%
Global Fixed Income	3.0%	-0.25%
Opportunistic Fixed Income	9.0%	2.75%
Private Debt	3.0%	5.36%
Private Equity	10.0%	8.40%
Real Estate	12.0%	3.50%
Cash	2.0%	0.25%
Total	<u>100.0%</u>	

#### *F. Discount Rate*

The discount rate used to measure the total pension liability was 7.45%. The projection of cash flows used to determine the discount rate assumed that the plan member contributions will be made at the current contribution rate and that employer contributions will be made at contractually required rates, actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments to current active and inactive 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.

G. Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the Trust’s proportionate share of the net pension liability calculated using the discount rate of 7.45%, as well as what the Trust’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower or 1 percentage-point higher than the current rate:

	Current Discount Rate	
1% Decrease <u>(6.45%)</u>	<u>(7.45%)</u>	1% Increase <u>(8.45%)</u>
\$981,949	\$768,540	\$587,826

H. Pension Plan Fiduciary Net Position

Detailed information about the pension plan’s fiduciary net position is available in the separately issued System financial report.

**9. Other Post-Employment Benefits (GASB 75)**

GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, replaces the requirements of Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*. The Statement establishes standards for recognizing and measuring liabilities, deferred outflows of resources, deferred (inflows) of resources, and expense/expenditures. This Statement identifies the methods and assumptions that are required to be used to project benefit payments, discounted projected benefit payments to their actuarial present value, and attribute that present value to periods of employee service. The Trust has elected to use the alternative measurement method instead of obtaining an actuarial valuation. GASB 75 allows employers with less than 100 total plan members to apply a simplified alternative measurement method instead of obtaining an actuarial valuation.

All the following OPEB disclosures are based on a measurement date of June 30, 2019.

A. General Information about the OPEB Plan

Plan Description

The Trust provides post-employment healthcare benefits for retired employees through the Trust’s plan. The benefits, benefit levels, employee contributions, and employer contributions are governed by Chapter 32 of the Massachusetts General Laws.

### Benefits Provided

The Trust provides medical and prescription drug insurance to retirees and their covered dependents. All active employees who retire from the Trust and meet the eligibility criteria will receive these benefits.

### Plan Membership

At June 30, 2019, the following employees were covered by the benefit terms:

Inactive employees or beneficiaries currently receiving benefit payments	2
Active employees	<u>4</u>
Total	<u><u>6</u></u>

### B. Actuarial Assumptions

The total OPEB liability was determined by a valuation using the *alternative method* (allowed under GASB standards for organizations with less than 100 participants) as of June 30, 2019, using the following assumptions, applied to all periods included in the measurement, unless otherwise specified:

Discount rate	3.0%
Salary increases	2.5%
Healthcare cost trend rates	4.0%

Mortality rates were based on the Life Expectancy Table from the National Center for Health Statistics updated in 2015.

### C. Discount Rate

The discount rate used to measure the total OPEB liability was 3.0% and was based on the municipal bond index at June 30, 2019.

### D. Total OPEB Liability

The Trust's total OPEB liability of \$265,066 was measured as of June 30, 2019, and was determined by a valuation as of the same date.



E. Changes in the Total OPEB Liability

The following presents the changes in the total OPEB liability:

	Total OPEB Liability
Balance, beginning of year	\$ 265,066
Changes for the year:	
Service cost	10,776
Interest	7,952
Difference between expected and actual experience	(9,802)
Contributions - employer	<u>(8,926)</u>
Net Change	<u>-</u>
Balance, End of Year	\$ <u>265,066</u>

F. Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability, as well as what the total OPEB liability would be if it were calculated using a discount rate that is 1 percentage-point lower or 1 percentage-point higher than the current discount rate:

1% Decrease	Current Discount Rate	1% Increase
<u>(2%)</u>	<u>(3%)</u>	<u>(4%)</u>
\$294,028	\$265,066	\$242,235

G. Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability, as well as what the total OPEB liability would be if it were calculated using healthcare cost trend rates that are 1 percentage-point lower or 1 percentage-point higher than the current healthcare cost trend rates:

1% Decrease	Current Healthcare Cost Trend Rates	1% Increase
<u>(3%)</u>	<u>(4%)</u>	<u>(5%)</u>
\$239,557	\$265,066	\$293,863

*H. OPEB Expense and Deferred Outflows of Resources and Deferred (Inflows) of Resources Related to OPEB*

For the year ended June 30, 2019, the Trust recognized an OPEB expense of \$8,926. At June 30, 2019, in accordance with the alternative method measurement option, the Trust reported no deferred outflows or inflows of resources related to OPEB.

**10. Deferred Inflows of Resources**

Deferred inflows of resources are the acquisition of net position by the Trust that are applicable to future reporting periods. Deferred inflows of resources have a negative effect on net position, similar to liabilities. Deferred inflows of resources related to pension will be recognized as expense in future years and is more fully described in the corresponding pension note.

**11. Commitments and Contingencies**

Outstanding Legal Issues - On an ongoing basis, there are periodic legal issues in which the Trust is involved. The Trust's management is of the opinion that the potential future settlement of these issues would not materially affect its financial statements taken as a whole.

**12. New Pronouncements**

The Governmental Accounting Standards Board (GASB) has issued Statement No. 87, *Leases*, effective for the Trust beginning with its fiscal year ending June 30, 2021. This statement establishes new reporting and disclosure requirements, including the recording of various operating leases in the financial statements.

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF PROPORTIONATE SHARE OF THE NET PENSION LIABILITY (GASB 68)

JUNE 30, 2019

(Unaudited)

(Amounts expressed in thousands)

**Hampshire County Retirement System**

<u>Fiscal Year</u>	<u>Measurement Date</u>	<u>Proportion of the Net Pension Liability</u>	<u>Proportionate Share of the Net Pension Liability</u>	<u>Covered Payroll</u>	<u>Proportionate Share of the Net Pension Liability as a Percentage of Covered Payroll</u>	<u>Plan Fiduciary Net Position Percentage of the Total Pension Liability</u>
June 30, 2019	December 31, 2018	0.357%	\$769	\$314	244.90%	58.91%
June 30, 2018	December 31, 2017	0.347%	\$646	\$260	248.46%	63.12%
June 30, 2017	December 31, 2016	0.342%	\$751	\$281	267.26%	55.61%
June 30, 2016	December 31, 2015	0.291%	\$599	\$257	233.07%	55.29%
June 30, 2015	December 31, 2014	0.354%	\$644	\$216	298.15%	58.07%

*Schedules are intended to show information for 10 years. Additional years will be displayed as they become available.*

See Independent Auditors' Report.

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**  
 REQUIRED SUPPLEMENTARY INFORMATION  
 SCHEDULE OF PENSION CONTRIBUTIONS (GASB 68)  
 JUNE 30, 2019  
 (Unaudited)  
 (Amounts expressed in thousands)

**Hampshire County Retirement System**

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Fiscal Year	Contractually Required <u>Contribution</u>	Contributions in Relation to the Contractually Required <u>Contribution</u>	Contribution Deficiency <u>(Excess)</u>	Covered <u>Payroll</u>	Contributions as a Percentage of <u>Covered Payroll</u>
June 30, 2019	\$81	\$81	\$ -	\$314	25.80%
June 30, 2018	\$74	\$74	\$ -	\$260	28.46%
June 30, 2017	\$74	\$74	\$ -	\$281	26.31%
June 30, 2016	\$54	\$54	\$ -	\$257	20.86%
June 30, 2015	\$59	\$59	\$ -	\$216	27.43%

*Schedules are intended to show information for 10 years. Additional years will be displayed as they become available.*

See Independent Auditors' Report.

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**  
 REQUIRED SUPPLEMENTARY INFORMATION  
 OTHER POST-EMPLOYMENT BENEFITS (OPEB)  
 SCHEDULE OF CHANGES IN TOTAL OPEB LIABILITY (GASB 75)  
 (Unaudited)

	<u>2019</u>	<u>2018</u>
<b>Total OPEB Liability</b>		
Service cost	\$ 10,776	\$ 10,776
Interest on unfunded liability - time value of money	7,952	8,788
Difference between expected and actual experience	(9,802)	(38,518)
Contributions - employer	<u>(8,926)</u>	<u>(8,926)</u>
Net Change in Total OPEB Liability	-	(27,880)
Total OPEB Liability - Beginning	<u>265,066</u>	<u>292,946</u>
Total OPEB Liability - Ending	<u>\$ 265,066</u>	<u>\$ 265,066</u>

*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.*

See notes to the Trust's financial statements for summary of significant valuation methods and assumptions.

See Independent Auditors' Report.

**HAMPSHIRE COUNTY GROUP INSURANCE TRUST**

REQUIRED SUPPLEMENTARY INFORMATION

CLAIMS DEVELOPMENT INFORMATION

JUNE 30, 2019

(Unaudited)

As data for individual policy years mature, the correlation between original estimates and re-estimated amounts is commonly used to evaluate the accuracy of incurred claims currently recognized in less mature policy years. The columns of the tables show data for successive policy years.

	<u>06/30/19</u>	<u>06/30/18</u>	<u>06/30/17</u>
1. Net earned required contribution and investment revenues	\$ 71,767,215	\$ 68,734,240	\$ 61,925,569
2. Net assets provided for (used by) current year operations	2,834,238	3,483,740	(998,470)
3. Estimated incurred claims and expense, end of policy year	58,963,867	57,490,038	54,697,416
4. Paid (cumulative) as of:			
End of policy year	54,674,390	53,160,918	50,460,995
One year later		56,561,254	53,524,381
Two years later			53,441,593
5. Reestimated incurred claims and expense			
End of policy year	58,963,867	57,490,038	54,697,416
One year later		56,565,721	53,549,941
Two years later			53,441,593
6. Increase (decrease) in estimated incurred claims and expense from end of policy year	-	(924,317)	(1,255,823)