

New Hampshire Retirement System

GASB Statement No. 68 Employer Reporting

Accounting Schedules

June 30, 2018





December 14, 2018

Board of Trustees
New Hampshire Retirement System
54 Regional Drive
Concord, New Hampshire 03301-8509

Dear Board Members:

This report provides certain information requested by the New Hampshire Retirement System (“NHRS”) in connection with the Governmental Accounting Standards Board (GASB) Statement No. 68 “Accounting and Financial Reporting for Pension Plans.”

The actuarial calculations in connection with this report were prepared for the purpose of complying with the requirements of GASB Statement No. 68. These calculations have been made on a basis that is consistent with our understanding of this Statement.

The total pension liability as of June 30, 2018 shown in this report is based on a roll-forward of the June 30, 2017 valuation. The calculation of the plan’s liability for this report is not applicable for funding purposes of the plan. A calculation of the plan’s liability for purposes other than satisfying the requirements of GASB Statement No. 68 may produce significantly different results. This report may be provided to parties other than the NHRS only in its entirety and only with the permission of the NHRS. GRS is not responsible for unauthorized use of this report.

The report was based upon information, furnished by the NHRS staff, concerning Retirement System benefits, financial transactions, and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of any data provided by the NHRS.

This report complements the actuarial valuation report that we provided to the Board and should be considered in conjunction with that report. Please see the actuarial valuation report as of June 30, 2017 for additional discussion of the nature of actuarial calculations and more information related to participant data, economic and demographic assumptions, and benefit provisions.

This report is intended to assist in preparation of the financial statements of the NHRS and its participating employers. Financial statements are the responsibility of the reporting entity and not the actuary. The statements are subject to an auditor’s review. Please let us know if the plan’s auditor recommends any changes.

To the best of our knowledge, this report is complete, accurate, and in accordance with generally recognized actuarial methods. David T. Kausch and Heidi G. Barry are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the Academy of Actuaries to render the actuarial opinions herein. The signing actuaries are independent of the plan sponsor.

Respectfully submitted,



David T. Kausch, FSA, EA, FCA, MAAA



Heidi G. Barry, ASA, FCA, MAAA

DTK/HGB:ah

cc: Jack Dianis, NHRS (email)
George Lagos, NHRS (email)
Larry Johansen, NHRS (email)
Heather Fritzky, NHRS (email)



Table of Contents

Page

Section A	Executive Summary	
	Executive Summary.....	1
	Discussion.....	2
Section B	Financial Statements	
	Statement of Pension Expense	6
	Statement of Outflows and Inflows Arising from Current Reporting Period	7
	Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods	8
	Details of Outflows and Inflows Arising from Current and Prior Reporting Periods	9
	Schedule of Changes in Net Pension Liability and Related Ratios Multiyear	10
	Schedule of Contributions Multiyear	11
	Notes to Schedule of Contributions.....	12
	Sensitivity Analysis	13
Section C	Calculation of the Single Discount Rate	
	Calculation of the Single Discount Rate.....	14
	Projection of Contributions.....	15
	Projection of Plan Fiduciary Net Position	17
	Present Values of Projected Benefit Payments	19
	Projection of Pension Plan Net Position and Benefit Payments.....	21
Section D	Glossary of Terms.....	22
Section E	Determination of Proportionate Share, Proportionate Shares of Net Pension Liabilities, Pension Expense by Employer and Schedule of Deferred Inflows and Outflows	
	Schedule of Net Pension Liability by Employer	26
	Schedule of Pension Amounts by Employer	36
	Sensitivity Analysis by Employer	46
	Schedule of Deferred Inflows and Outflows by Year for the Change in the Employer's Proportionate Share	56

SECTION A

EXECUTIVE SUMMARY

Executive Summary as of June 30, 2018

	Total
Actuarial Valuation Date	June 30, 2017
Measurement Date of the Net Pension Liability	June 30, 2018
Employer's Fiscal Year Ending Date (Reporting Date)	June 30, 2018

Membership as of June 30, 2017

Number of	
- Retirees and Beneficiaries	35,694
- Inactive, Nonretired Members	2,281
- Active Members	47,886
- Non-Vested Inactive Members	10,477
- Total	96,338
Covered Payroll (reported payroll for the June 30, 2018 valuation)	\$ 2,752,235,069

Net Pension Liability

Total Pension Liability	\$ 13,652,069,393
Plan Fiduciary Net Position	8,836,866,976
Net Pension Liability	\$ 4,815,202,417
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	64.73%
Net Pension Liability as a Percentage of Covered Payroll	174.96%

Development of the Single Discount Rate

Single Discount Rate	7.25%
Long-Term Expected Rate of Investment Return	7.25%
Long-Term Municipal Bond Rate*	3.62%
Last year ending June 30 in the 2019 to 2118 projection period for which projected benefit payments are fully funded	2118

Total Pension Expense \$ 478,371,830

Deferred Outflows of Resources and Deferred Inflows of Resources

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 38,433,989	\$ 38,988,852
Changes in assumptions	\$ 333,235,811	\$ -
Net difference between projected and actual earnings on pension plan investments	\$ 254,625,502	\$ 366,053,499
Total	\$ 626,295,302	\$ 405,042,351

**Source: Fixed-income municipal bonds with 20 years to maturity that include only federally tax-exempt municipal bonds as reported in Fidelity Index's "20-Year Municipal GO AA Index" as of June 29, 2018. In describing this index, Fidelity notes that the municipal curves are constructed using option-adjusted analytics of a diverse population of over 10,000 tax exempt securities.*

Discussion

Current Year Experience

There was a gain on the plan fiduciary net position of \$123.5 million and a loss on the total pension liability of \$39.1 million. Pension expenses decreased over last year's due to these gains.

Accounting Standard

For state and local government employers (as well as certain non-employers) that contribute to a Defined Benefit (DB) pension plan administered through a trust or equivalent arrangement, Governmental Accounting Standards Board (GASB) Statement No. 68 establishes standards for pension accounting and financial reporting. Under GASB Statement No. 68, the employer must account for and disclose the net pension liability, pension expense, and other information associated with providing retirement benefits to their employees (and former employees) on their basic financial statements.

The following discussion provides a summary of the information that is required to be disclosed under these accounting standards. A number of these disclosure items are provided in this report. However, certain information is not included in this report if it is not actuarial in nature, such as the notes to the financial statements regarding accounting policies and investments. As a result, the retirement system and/or plan sponsor is responsible for preparing and disclosing the non-actuarial information needed to comply with these accounting standards.

Financial Statements

GASB Statement No. 68 requires state and local government employers that contribute to DB pension plans to recognize the net pension liability and the pension expense on their financial statements, along with the related deferred outflows of resources and deferred inflows of resources. The net pension liability is the difference between the total pension liability and the plan's fiduciary net position. In traditional actuarial terms, this is analogous to the accrued liability less the market value of assets (not the smoothed actuarial value of assets that is often encountered in actuarial valuations performed to determine the employer's contribution requirement).

Paragraph 57 of GASB Statement No. 68 says, "Contributions to the pension plan from the employer subsequent to the measurement date of the collective net pension liability and before the end of the employer's reporting period should be reported as a deferred outflow of resources related to pensions." The information contained in this report does not incorporate any contributions made to NHRS subsequent to the measurement date of June 30, 2018.

The pension expense recognized each fiscal year is equal to the change in the net pension liability from the beginning of the year to the end of the year, adjusted for deferred recognition of the certain changes in the liability and investment experience. The pension expense, net pension liability, and deferred inflow and outflows are first determined at the collective plan level (Section B). The collected plan information is then allocated to each employer based on the employer's proportionate share (Section E).

Notes to Financial Statements

GASB Statement No. 68 requires the notes of the employer's financial statements to disclose the total pension expense, the pension plan's liabilities and assets, and deferred outflows of resources and inflows of resources related to pensions.

In addition, GASB Statement No. 68 requires the notes of the financial statements for the employers to include certain additional information, including:

- a description of the types of benefits provided by the plan, as well as automatic or ad hoc COLAs;
- the number and classes of employees covered by the benefit terms;
- for the current year, sources of changes in the net pension liability;
- significant assumptions and methods used to calculate the total pension liability;
- inputs to the Single Discount Rate;
- certain information about mortality assumptions and the dates of experience studies;
- the date of the valuation used to determine the total pension liability;
- information about changes of assumptions or other inputs and benefit terms;
- the basis for determining contributions to the plan, including a description of the plan's funding policy, as well as member and employer contribution requirements;
- the total pension liability, fiduciary net position, net pension liability, and the pension plan's fiduciary net position as a percentage of the total pension liability;
- the net pension liability using a discount rate that is 1% higher and 1% lower than used to calculate the total pension liability and net pension liability for financial reporting purposes; and
- a description of the system that administers the pension plan.

Required Supplementary Information

The financial statements of employers also include required supplementary information showing the 10-year fiscal history of:

- sources of changes in the net pension liability;
- information about the components of the net pension liability and related ratios, including the pension plan's fiduciary net position as a percentage of the total pension liability, and the net pension liability as a percent of covered-employee payroll; and
- comparison of actual employer contributions to the actuarially determined contributions based on the plan's funding policy.

These tables may be built prospectively as the information becomes available.

Timing of the Valuation

An actuarial valuation to determine the total pension liability is required to be performed at least every two years. For the employer's financial reporting purposes, the net pension liability and pension expense should be measured as of the employer's "measurement date" which may not be earlier than the employer's prior fiscal year end date. If the actuarial valuation used to determine the total pension liability is not calculated as of the measurement date, the total pension liability is required to be rolled forward from the actuarial valuation date to the measurement date.

The total pension liability shown in this report is based on an actuarial valuation performed as of June 30, 2017 and a measurement date of June 30, 2018. The total pension liability was rolled forward from June 30, 2017 to June 30, 2018. The plan fiduciary net position was determined as of June 30, 2018. Note that the beginning of year total pension liability as of June 30, 2017 was rolled forward from June 30, 2016.

Single Discount Rate

Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on pension plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 7.25%; the municipal bond rate is 3.62% (based on the weekly rate closest to but not later than the measurement date of the Fidelity "20-Year Municipal GO AA Index"); and the resulting Single Discount Rate is 7.25%.

General Implications of Contribution Allocation Procedure or Funding Policy on Future Expected Plan Contributions and Funded Status

Given the plan's contribution allocation procedure, if all actuarial assumptions are met (including the assumption of the plan earning 7.25% on the actuarial value of assets), it is expected that:

- (1.) The amortization period is 18 years for Fiscal Year 2022 and 17 years for Fiscal Year 2023. The closed amortization period means that the unfunded actuarial accrued liability is expected to be fully paid off by June 30, 2039 if all assumptions are met.
- (2.) The unfunded actuarial accrued liabilities will be fully amortized during the lifetime of current members.
- (3.) The funded status of the plan will increase gradually towards a 100% funded ratio.

This funding policy results in the projected plan fiduciary net position being sufficient to pay benefits for all future years at a discount rate of 7.25% (see Section C). The projections in this report are strictly for the purposes of determining the GASB discount rate and are different from a funding projection for the ongoing plan.

Limitations of Assets as a Percent of Total Pension Liability Measurements

This report includes a measure of the plan fiduciary net position as a percent of total pension liability (64.7%). Unless otherwise indicated, with regard to any such measurements presented in this report:

- (1.) The measurement is inappropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the plan's benefit obligations.
- (2.) The measurement is inappropriate for assessing the need for or amount of future employer contributions.

Limitation of Project Scope

Actuarial standards do not require the actuary to evaluate the ability of the plan sponsor or other contributing entity to make required contributions to the plan when due. Such an evaluation was not within the scope of this project and is not within the actuary's domain of expertise. Consequently, the actuary performed no such evaluation.

SECTION B

FINANCIAL STATEMENTS

Auditor's Note – This information is intended to assist in preparation of the financial statements of the plan. Financial statements are the responsibility of management, subject to auditor's review. Please let us know if the auditor recommends any changes.

Statement of Pension Expense Under GASB Statement No. 68

Fiscal Year Ended June 30, 2018

1. Service Cost	\$ 269,751,007
2. Interest on the Total Pension Liability	936,988,169
3. Current-Period Benefit Changes	0
4. Member Contributions	(217,571,830)
5. Projected Earnings on Plan Investments	(593,548,969)
6. Pension Plan Administrative Expense	7,767,254
7. Other Changes in Plan Fiduciary Net Position	910,445
8. Recognition of Beginning Deferred Outflows (Inflows) Due to Liabilities	148,822,194
9. Recognition of Beginning Deferred Outflows (Inflows) Due to Assets	<u>(74,746,440)</u>
10. Total Pension Expense	\$ 478,371,830

Statement of Outflows and Inflows Arising from Current Reporting Period Fiscal Year Ended June 30, 2018

A. Outflows (Inflows) of Resources Due to Liabilities

1. Difference between expected and actual experience of the Total Pension Liability (gains) or losses	\$ 39,112,535
2. Assumption Changes (gains) or losses	\$ -
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	4.7679
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the difference between expected and actual experience of the Total Pension Liability	\$ 8,203,304
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	\$ -
6. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	\$ 8,203,304
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the difference between expected and actual experience of the Total Pension Liability	\$ 30,909,231
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for Assumption Changes	\$ -
9. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	\$ 30,909,231

B. Outflows (Inflows) of Resources Due to Assets

1. Net difference between projected and actual earnings on pension plan investments (gains) or losses	\$(123,541,325)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	\$ (24,708,265)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$ (98,833,060)

Statement of Outflows and Inflows

Arising from Current and Prior Reporting Periods

Fiscal Year Ended June 30, 2018

A. Outflows and Inflows of Resources due to Liabilities and Assets to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	\$ 172,425,266	\$ 23,603,072	\$ 148,822,194
2. Due to Assets	159,103,910	233,850,350	(74,746,440)
3. Total	\$ 331,529,176	\$ 257,453,422	\$ 74,075,754

B. Outflows and Inflows of Resources by Source to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$ 11,829,694	\$ 23,603,072	\$ (11,773,378)
2. Assumption Changes	160,595,572	-	160,595,572
3. Net difference between projected and actual earnings on pension plan investments	159,103,910	233,850,350	(74,746,440)
4. Total	\$ 331,529,176	\$ 257,453,422	\$ 74,075,754

C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	\$ 38,433,989	\$ 38,988,852	\$ (554,863)
2. Assumption Changes	333,235,811	-	333,235,811
3. Net difference between projected and actual earnings on pension plan investments	254,625,502	366,053,499	(111,427,997)
4. Total	\$ 626,295,302	\$ 405,042,351	\$ 221,252,951

D. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future Pension Expenses

Year Ending June 30	Net Deferred Outflows of Resources
2019	\$ 194,144,360
2020	142,549,012
2021	(97,031,475)
2022	(18,408,946)
2023	0
Thereafter	0
Total	\$ 221,252,951

Outflows and Inflows Recognition Detail Fiscal Year Ended June 30, 2018

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) Due to Differences Between Expected and Actual Experience on Liabilities					
2014	\$ -	5.6076	\$ -	\$ -	0.6076
2015	(106,715,500)	5.3941	(19,783,745)	(27,580,520)	1.3941
2016	18,403,928	5.0750	3,626,390	7,524,758	2.0750
2017	(19,046,986)	4.9870	(3,819,327)	(11,408,332)	2.9870
2018	39,112,535	4.7679	8,203,304	30,909,231	3.7679
Total			\$ (11,773,378)	\$ (554,863)	
Deferred Outflow (Inflow) Due to Assumption Changes					
2014	\$ -	5.6076	\$ -	\$ -	0.6076
2015	-	5.3941	-	-	1.3941
2016	815,022,527	5.0750	160,595,572	333,235,811	2.0750
2017	-	4.9870	-	-	2.9870
2018	-	4.7679	-	-	3.7679
Total			\$ 160,595,572	\$ 333,235,811	
Deferred Outflow (Inflow) Due to Differences Between Projected and Actual Earnings on Plan Investments					
2014	\$ (600,343,038)	5.0000	\$ (120,068,606)	\$ -	0.0000
2015	317,911,590	5.0000	63,582,318	63,582,318	1.0000
2016	477,607,960	5.0000	95,521,592	191,043,184	2.0000
2017	(445,367,397)	5.0000	(89,073,479)	(267,220,439)	3.0000
2018	(123,541,325)	5.0000	(24,708,265)	(98,833,060)	4.0000
Total			\$ (74,746,440)	\$ (111,427,997)	

Schedule of Changes in the Employers' Net Pension Liability and Related Ratios Ultimately 10 Fiscal Years Will Be Displayed

Fiscal Year Ending	June 30, 2018	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014	June 30, 2013
Total Pension Liability						
Service Cost	\$ 269,751,007	\$ 262,626,490	\$ 266,379,101	\$ 243,964,955	\$ 245,827,165	\$ 255,178,452
Interest on the Total Pension Liability	936,988,169	906,200,904	875,246,755	847,646,050	815,213,536	789,791,575
Benefit Changes	-	-	-	-	-	-
Difference between expected and actual experience of the Total Pension Liability	39,112,535	(19,046,986)	18,403,928	(106,715,500)	-	(101,140,741)
Assumption Changes	-	-	815,022,527	-	-	-
Benefit Payments	(741,752,669)	(706,303,846)	(670,359,868)	(631,310,997)	(599,475,606)	(573,470,316)
Refunds	(24,010,459)	(23,408,460)	(24,233,277)	(26,344,739)	(26,119,759)	(23,190,984)
Net Change in Total Pension Liability	\$ 480,088,583	\$ 420,068,102	\$ 1,280,459,166	\$ 327,239,769	\$ 435,445,336	\$ 347,167,986
Total Pension Liability - Beginning	\$ 13,171,980,810	\$ 12,751,912,708	\$ 11,471,453,542	\$ 11,144,213,773	\$ 10,708,768,437	\$ 10,361,600,451
Total Pension Liability - Ending (a)	\$ 13,652,069,393	\$ 13,171,980,810	\$ 12,751,912,708	\$ 11,471,453,542	\$ 11,144,213,773	\$ 10,708,768,437
Plan Fiduciary Net Position						
Allocable Contributions - Employer**	\$ 422,657,700	\$ 366,343,344	\$ 358,079,066	\$ 335,488,145	\$ 324,423,138	\$ 248,653,619
Contributions - Member	217,571,830	213,060,827	207,949,398	204,063,168	199,032,996	196,488,619
Pension Plan Net Investment Income	717,090,294	978,594,418	61,877,808	249,804,954	1,092,585,321	813,797,720
Benefit Payments	(741,752,669)	(706,303,846)	(670,359,868)	(631,310,997)	(599,475,606)	(573,470,316)
Refunds	(24,010,459)	(23,408,460)	(24,233,277)	(26,344,739)	(26,119,759)	(23,190,984)
Pension Plan Administrative Expense	(7,767,254)	(7,670,827)	(7,061,317)	(7,581,315)	(7,376,270)	(6,998,526)
Other custodial, professional and non-investment expenses, and contributions other than for contribution effort	(910,445)	(944,848)	(1,860,891)	(4,820,785)	2,574,236	(622,961)
Net Change in Plan Fiduciary Net Position	\$ 582,878,997	\$ 819,670,608	\$ (75,609,081)	\$ 119,298,431	\$ 985,644,056	\$ 654,657,171
Plan Fiduciary Net Position - Beginning	\$ 8,253,987,979	\$ 7,434,317,371	\$ 7,509,926,452	\$ 7,390,628,021	\$ 6,404,983,965	\$ 5,750,326,794
Plan Fiduciary Net Position - Ending (b)	\$ 8,836,866,976	\$ 8,253,987,979	\$ 7,434,317,371	\$ 7,509,926,452	\$ 7,390,628,021	\$ 6,404,983,965
Net Pension Liability - Ending (a) - (b)	\$ 4,815,202,417	\$ 4,917,992,831	\$ 5,317,595,337	\$ 3,961,527,090	\$ 3,753,585,752	\$ 4,303,784,472
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	64.73 %	62.66 %	58.30 %	65.47 %	66.32 %	59.81 %
Covered-Employee Payroll*	\$2,752,235,069	\$2,667,611,532	\$2,601,403,606	\$2,575,031,210	\$ 2,507,898,809	\$ 2,501,741,708
Net Pension Liability as a Percentage of Covered-Employee Payroll	174.96 %	184.36 %	204.41 %	153.84 %	149.67 %	172.03 %

Notes to Schedule:

* Based on the June 30 census data for the applicable fiscal year. Covered-employee payroll for employer's disclosure may differ.

** Historical employer contribution amounts may differ from prior GASB No. 67 reports due to reclassification under GASB No. 68.

Schedule of Contributions

Ultimately 10 Fiscal Years will be Displayed

FY Ending June 30,	Actuarially Determined Contribution**	Actual Contribution#	Contribution Deficiency (Excess)	Covered Payroll*	Actual Contribution as a % of Covered Payroll
2013	\$ 249,835,597	\$ 249,835,597	\$ -	\$ 2,501,741,708	9.99%
2014	328,444,256	328,444,256	-	2,507,898,809	13.10%
2015	332,294,226	332,294,226	-	2,575,031,210	12.90%
2016	357,481,725	357,481,725	-	2,601,403,606	13.74%
2017	366,653,014	366,653,014	-	2,667,611,532	13.74%
2018	422,659,079	422,659,079	-	2,752,235,069	15.36%

* Based on the June 30 census data for the applicable fiscal year. Covered employee payroll for employer's disclosure may differ.

** We do not compute a dollar amount for the Actuarially Determined Contribution. It is our understanding that employers contribute the Actuarially Determined Contribution. The amount shown in this column therefore matches the actual contributions. Contributions other than the Actuarially Determined Contributions are accounted for separately.

The actual contribution reflects the amount contributed as of June 30, as reported in the June 30, 2018 CAFR/GASB 67/74 report. The employer contributions found on page 10 are the contributions reported for purposes of determining the GASB 68 proportionate shares and may differ from those shown above.

Notes to Schedule of Contributions

Valuation Date: Actuarially determined contribution rates for the 2018-2019 biennium were determined based on the June 30, 2015 actuarial valuation. Actuarially determined contribution rates for the 2020-2021 biennium were determined based on the June 30, 2017 actuarial valuation. Future employer contribution rates for the purposes of the projection in this report are based on the closed statutory amortization period.

Notes The roll-forward of total pension liability from June 30, 2017 to June 30, 2018 reflects expected service cost and interest reduced by actual benefit payments.

Methods and Assumptions:

Actuarial Cost Method	Entry-Age Normal
Amortization Method	Level Percentage-of-Payroll, Closed
Remaining Amortization Period	21 years beginning July 1, 2018 (30 years beginning July 1, 2009)
Asset Valuation Method	5-year smoothed market for funding purposes; 20% corridor
Price Inflation	2.5% per year
Wage Inflation	3.25% per year
Salary Increases	5.6% average, including inflation
Municipal Bond Rate	3.62% per year
Investment Rate of Return	7.25% per year, net of investment expenses, including inflation
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2015 valuation pursuant to an experience study of the period 2010 - 2015.
Mortality	RP-2014 Healthy Annuitant and Employee generational mortality tables for males and females with credibility adjustments, adjusted for fully generational mortality improvements using Scale MP-2015, based on the last experience study.

NOTE: A full list of actuarial assumptions and the summary of benefit provisions can be found starting on page 55 of the June 30, 2017 CAFR and GASB No. 67 and 74 report dated October 31, 2017. Actuarial assumptions for contributions made in the year ending June 30, 2018 can be found in the June 30, 2015 actuarial valuation report.

Regarding the sensitivity of the net pension liability to changes in the single discount rate, the following presents the plan’s net pension liability, calculated using a single discount rate of 7.25%, as well as what the plan’s net pension liability would be if it were calculated using a single discount rate that is 1-percentage-point lower or 1-percentage-point higher:

Sensitivity of the Net Pension Liability to the Single Discount Rate Assumption

Measurement Date	Net Pension Liability			Single Discount Rate Assumption
	1% Decrease	Current Single Discount Rate	1% Increase	
June 30 2013	\$5,517,542,052	\$4,303,784,472	\$3,283,507,050	7.75%
2014	\$4,944,083,125	\$3,753,585,752	\$2,749,222,899	7.75%
2015	\$5,214,835,524	\$3,961,527,090	\$2,893,074,359	7.75%
2016	\$6,832,747,755	\$5,317,595,337	\$4,061,016,509	7.25%
2017	\$6,479,208,704	\$4,917,992,831	\$3,638,638,217	7.25%
2018	\$6,406,666,255	\$4,815,202,417	\$3,481,507,071	7.25%

SECTION C

CALCULATION OF THE SINGLE DISCOUNT RATE

Calculation of the Single Discount Rate

GASB Statement No. 68 includes a specific requirement for the discount rate that is used for the purpose of the measurement of the Total Pension Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, administrative expenses and investment returns are projected into the future. The Plan Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a municipal bond rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects (1) the long-term expected rate of return on pension plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits) and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

The determination of the discount rate is done at the plan level. Our understanding is that all pension assets are available to pay the pension benefits of the four member classifications so there is one plan for the discount rate calculation. For the purpose of this valuation, the expected rate of return on pension plan investments is 7.25%; the municipal bond rate is 3.62% (based on the June 2018 20-Bond GO Index); and the resulting single discount rate is 7.25%.

The tables in this section provide background for the development of the Single Discount Rate.

The Projection of Contributions table shows the development of expected contributions in future years. Service Cost contributions for future hires after June 30, 2018 are not included (nor are their liabilities).

The Projection of Plan Fiduciary Net Position table shows the development of expected asset levels in future years after June 30, 2018.

The Present Values of Projected Benefit Payments table shows the development of the Single Discount Rate. It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

Single Discount Rate Development

Projection of Contributions Beginning July 1, 2018*

(Years 1-50)

Year	Payroll for Current Employees	Contributions from Current Employees	Employer Service Cost and Expense Contributions	UAL Contributions	Total Contributions
0	\$ 2,752,235,069				
1	2,716,851,123	\$ 191,488,434	\$ 68,284,678	\$ 361,382,023	\$ 621,155,134
2	2,572,882,764	181,560,881	62,836,900	369,497,046	613,894,827
3	2,440,869,475	172,388,460	57,627,052	380,687,202	610,702,714
4	2,316,433,727	163,707,896	52,685,159	366,774,418	583,167,472
5	2,197,068,125	155,395,581	48,068,465	378,694,586	582,158,632
6	2,081,995,715	147,359,423	43,767,919	391,002,160	582,129,502
7	1,970,021,863	139,519,115	39,717,877	403,709,730	582,946,722
8	1,861,708,436	131,950,025	35,949,175	416,830,297	584,729,496
9	1,757,686,356	124,670,898	32,476,788	430,377,281	587,524,967
10	1,656,475,376	117,579,071	29,220,399	444,364,543	591,164,013
11	1,559,038,373	110,755,942	26,236,944	458,806,391	595,799,277
12	1,463,052,332	104,017,900	23,398,541	473,717,598	601,134,039
13	1,369,990,492	97,442,831	20,757,194	489,113,420	607,313,446
14	1,281,124,263	91,150,304	18,368,214	505,009,606	614,528,124
15	1,195,853,877	85,108,321	16,204,554	521,422,419	622,735,294
16	1,111,375,710	79,124,958	14,167,851	538,368,647	631,661,456
17	1,029,328,820	73,290,711	12,294,037	555,865,628	641,450,377
18	950,140,448	67,668,686	10,595,655	573,931,261	652,195,601
19	874,053,854	62,270,916	9,073,239	592,584,027	663,928,182
20	801,194,520	57,054,252	7,704,797	611,843,008	676,602,056
21	730,799,928	51,964,901	6,451,310	631,727,906	690,144,117
22	661,666,525	46,906,262	5,282,099	-	52,188,361
23	594,182,980	41,891,882	4,198,656	-	46,090,539
24	529,166,620	36,983,830	3,206,593	-	40,190,423
25	468,291,763	32,387,827	2,358,812	-	34,746,640
26	411,772,125	28,190,568	1,654,776	-	29,845,344
27	359,887,025	24,360,934	1,109,768	-	25,470,703
28	312,389,386	20,727,010	865,510	-	21,592,521
29	269,874,591	17,587,333	655,790	-	18,243,123
30	231,758,167	14,863,555	485,031	-	15,348,586
31	197,452,900	12,480,351	351,439	-	12,831,789
32	166,296,489	10,367,510	256,083	-	10,623,593
33	137,735,144	8,473,178	189,597	-	8,662,774
34	111,890,287	6,792,493	142,274	-	6,934,766
35	88,291,885	5,292,216	108,760	-	5,400,976
36	67,445,467	3,992,492	81,890	-	4,074,382
37	49,650,512	2,895,925	67,876	-	2,963,802
38	35,355,337	2,026,972	59,536	-	2,086,508
39	24,395,398	1,372,777	50,455	-	1,423,232
40	16,142,287	889,532	42,199	-	931,731
41	10,194,338	548,047	34,006	-	582,053
42	6,326,064	328,047	30,198	-	358,245
43	3,948,669	195,830	24,940	-	220,770
44	2,379,052	115,411	16,531	-	131,941
45	1,301,018	61,393	9,965	-	71,358
46	637,149	29,225	5,169	-	34,393
47	310,629	14,182	2,245	-	16,427
48	150,889	6,814	895	-	7,710
49	61,737	2,741	402	-	3,143
50	15,464	626	152	-	777

* Projected employer contributions as shown may differ substantially from those determined by the funding valuation.

Single Discount Rate Development

Projection of Contributions Beginning July 1, 2018*

(Years 51-100)

Year	Payroll for Current Employees	Contributions from Current Employees	Employer Service Cost and Expense Contributions	UAL Contributions	Total Contributions
51	\$ 1,513	\$ 26	\$ 45	\$ -	\$ 70
52	-	\$ (12)	12	-	\$ -
53	-	-	-	-	-
54	-	-	-	-	-
55	-	-	-	-	-
56	-	-	-	-	-
57	-	-	-	-	-
58	-	-	-	-	-
59	-	-	-	-	-
60	-	-	-	-	-
61	-	-	-	-	-
62	-	-	-	-	-
63	-	-	-	-	-
64	-	-	-	-	-
65	-	-	-	-	-
66	-	-	-	-	-
67	-	-	-	-	-
68	-	-	-	-	-
69	-	-	-	-	-
70	-	-	-	-	-
71	-	-	-	-	-
72	-	-	-	-	-
73	-	-	-	-	-
74	-	-	-	-	-
75	-	-	-	-	-
76	-	-	-	-	-
77	-	-	-	-	-
78	-	-	-	-	-
79	-	-	-	-	-
80	-	-	-	-	-
81	-	-	-	-	-
82	-	-	-	-	-
83	-	-	-	-	-
84	-	-	-	-	-
85	-	-	-	-	-
86	-	-	-	-	-
87	-	-	-	-	-
88	-	-	-	-	-
89	-	-	-	-	-
90	-	-	-	-	-
91	-	-	-	-	-
92	-	-	-	-	-
93	-	-	-	-	-
94	-	-	-	-	-
95	-	-	-	-	-
96	-	-	-	-	-
97	-	-	-	-	-
98	-	-	-	-	-
99	-	-	-	-	-
100	-	-	-	-	-

* Projected employer contributions as shown may differ substantially from those determined by the funding valuation.

Single Discount Rate Development

Projection of Plan Fiduciary Net Position Beginning July 1, 2018* (Years 1-50)

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expenses	Projected Investment Earnings at 7.25%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)	(f)=(a)+(b)-(c)-(d)+(e)
1	\$ 8,836,866,976	\$ 621,155,134	\$ 840,084,148	\$ 9,508,979	\$ 632,536,863	\$ 9,240,965,847
2	9,240,965,847	613,894,827	879,933,894	9,005,090	660,174,118	9,626,095,807
3	9,626,095,807	610,702,714	919,771,401	8,543,043	686,579,963	9,995,064,040
4	9,995,064,040	583,167,472	959,649,828	8,107,518	710,944,683	10,321,418,849
5	10,321,418,849	582,158,632	999,270,856	7,689,738	733,173,222	10,629,790,109
6	10,629,790,109	582,129,502	1,036,220,221	7,286,985	754,227,466	10,922,639,871
7	10,922,639,871	582,946,722	1,071,249,644	6,895,077	774,254,538	11,201,696,411
8	11,201,696,411	584,729,496	1,104,542,906	6,515,980	793,377,369	11,468,744,390
9	11,468,744,390	587,524,967	1,136,227,988	6,151,902	811,722,389	11,725,611,855
10	11,725,611,855	591,164,013	1,167,377,065	5,797,664	829,378,106	11,972,979,245
11	11,972,979,245	595,799,277	1,195,189,073	5,456,634	846,498,931	12,214,631,745
12	12,214,631,745	601,134,039	1,222,437,107	5,120,683	863,250,244	12,451,458,239
13	12,451,458,239	607,313,446	1,247,936,196	4,794,967	879,743,681	12,685,784,202
14	12,685,784,202	614,528,124	1,270,505,396	4,483,935	896,196,528	12,921,519,523
15	12,921,519,523	622,735,294	1,290,047,342	4,185,489	912,894,271	13,162,916,257
16	13,162,916,257	631,661,456	1,307,636,534	3,889,815	930,097,525	13,413,148,889
17	13,413,148,889	641,450,377	1,323,306,302	3,602,651	948,040,167	13,675,730,480
18	13,675,730,480	652,195,601	1,336,123,168	3,325,492	967,013,421	13,955,490,842
19	13,955,490,842	663,928,182	1,346,076,841	3,059,188	987,368,889	14,257,651,884
20	14,257,651,884	676,602,056	1,354,322,782	2,804,181	1,009,442,351	14,586,569,328
21	14,586,569,328	690,144,117	1,360,162,383	2,557,800	1,033,571,969	14,947,565,231
22	14,947,565,231	52,188,361	1,363,809,832	2,315,833	1,036,901,605	14,670,529,532
23	14,670,529,532	46,090,539	1,365,359,967	2,079,640	1,016,552,541	14,365,733,006
24	14,365,733,006	40,190,423	1,363,960,580	1,852,083	994,302,601	14,034,413,366
25	14,034,413,366	34,746,640	1,358,916,318	1,639,021	970,275,286	13,678,879,953
26	13,678,879,953	29,845,344	1,349,789,654	1,441,202	944,656,649	13,302,151,090
27	13,302,151,090	25,470,703	1,337,318,393	1,259,605	917,638,641	12,906,682,435
28	12,906,682,435	21,592,521	1,320,984,678	1,093,363	889,416,698	12,495,613,612
29	12,495,613,612	18,243,123	1,300,177,333	944,561	860,241,286	12,072,976,127
30	12,072,976,127	15,348,586	1,275,443,249	811,154	830,382,652	11,642,452,961
31	11,642,452,961	12,831,789	1,247,434,268	691,085	800,081,922	11,207,241,320
32	11,207,241,320	10,623,593	1,217,509,053	582,038	769,520,124	10,769,293,947
33	10,769,293,947	8,662,774	1,186,666,468	482,073	738,801,146	10,329,609,327
34	10,329,609,327	6,934,766	1,155,513,674	391,616	707,975,219	9,888,614,022
35	9,888,614,022	5,400,976	1,124,480,335	309,022	677,056,650	9,446,282,292
36	9,446,282,292	4,074,382	1,093,468,347	236,059	646,047,466	9,002,699,733
37	9,002,699,733	2,963,802	1,062,130,225	173,777	614,966,526	8,558,326,058
38	8,558,326,058	2,086,508	1,029,067,559	123,744	583,897,523	8,115,118,786
39	8,115,118,786	1,423,232	994,113,691	85,384	552,987,647	7,675,330,591
40	7,675,330,591	931,731	957,883,846	56,498	522,376,880	7,240,698,858
41	7,240,698,858	582,053	920,036,011	35,680	492,202,346	6,813,411,566
42	6,813,411,566	358,245	880,513,768	22,141	462,624,143	6,395,858,044
43	6,395,858,044	220,770	840,158,549	13,820	433,784,195	5,989,690,639
44	5,989,690,639	131,941	799,763,448	8,327	405,772,792	5,595,823,597
45	5,595,823,597	71,358	759,643,440	4,554	378,644,312	5,214,891,273
46	5,214,891,273	34,393	719,859,552	2,230	352,442,419	4,847,506,303
47	4,847,506,303	16,427	680,636,523	1,087	327,203,367	4,494,088,488
48	4,494,088,488	7,710	642,173,387	528	302,950,179	4,154,872,461
49	4,154,872,461	3,143	604,550,794	216	279,696,822	3,830,021,417
50	3,830,021,417	777	567,805,586	54	257,453,752	3,519,670,306

* Projected employer contributions as shown may differ substantially from those determined by the funding valuation.

Single Discount Rate Development

Projection of Plan Fiduciary Net Position Beginning July 1, 2018* (Years 51-100)

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expenses	Projected Investment Earnings at 7.25%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)	(f)=(a)+(b)-(c)-(d)+(e)
51	\$ 3,519,670,306	\$ 70	\$ 531,968,890	\$ 5	\$ 236,229,624	\$ 3,223,931,105
52	3,223,931,105	-	497,081,797	-	216,031,060	2,942,880,368
53	2,942,880,368	-	463,184,385	-	196,862,163	2,676,558,146
54	2,676,558,146	-	430,314,840	-	178,724,476	2,424,967,782
55	2,424,967,782	-	398,511,864	-	161,616,862	2,188,072,780
56	2,188,072,780	-	367,813,316	-	145,535,326	1,965,794,791
57	1,965,794,791	-	338,254,488	-	130,472,932	1,758,013,235
58	1,758,013,235	-	309,868,951	-	116,419,742	1,564,564,026
59	1,564,564,026	-	282,690,635	-	103,362,650	1,385,236,042
60	1,385,236,042	-	256,753,594	-	91,285,139	1,219,767,587
61	1,219,767,587	-	232,091,288	-	80,167,043	1,067,843,343
62	1,067,843,343	-	208,734,548	-	69,984,403	929,093,198
63	929,093,198	-	186,710,612	-	60,709,417	803,092,003
64	803,092,003	-	166,042,097	-	52,310,455	689,360,360
65	689,360,360	-	146,746,710	-	44,752,131	587,365,780
66	587,365,780	-	128,834,762	-	37,995,471	496,526,490
67	496,526,490	-	112,308,437	-	31,998,220	416,216,274
68	416,216,274	-	97,159,888	-	26,715,257	345,771,642
69	345,771,642	-	83,370,554	-	22,099,138	284,500,227
70	284,500,227	-	70,911,546	-	18,100,698	231,689,378
71	231,689,378	-	59,744,162	-	14,669,646	186,614,863
72	186,614,863	-	49,820,775	-	11,755,173	148,549,260
73	148,549,260	-	41,086,223	-	9,306,504	116,769,542
74	116,769,542	-	33,478,379	-	7,273,434	90,564,596
75	90,564,596	-	26,928,507	-	5,606,854	69,242,944
76	69,242,944	-	21,360,855	-	4,259,330	52,141,419
77	52,141,419	-	16,693,243	-	3,185,710	38,633,887
78	38,633,887	-	12,838,621	-	2,343,700	28,138,965
79	28,138,965	-	9,706,912	-	1,694,356	20,126,409
80	20,126,409	-	7,207,109	-	1,202,478	14,121,778
81	14,121,778	-	5,248,883	-	836,886	9,709,781
82	9,709,781	-	3,745,443	-	570,562	6,534,901
83	6,534,901	-	2,615,387	-	380,631	4,300,144
84	4,300,144	-	1,784,562	-	248,202	2,763,784
85	2,763,784	-	1,188,045	-	158,061	1,733,800
86	1,733,800	-	770,886	-	98,245	1,061,159
87	1,061,159	-	487,274	-	59,579	633,464
88	633,464	-	299,969	-	35,243	368,738
89	368,738	-	179,968	-	20,324	209,095
90	209,095	-	105,198	-	11,413	115,309
91	115,309	-	59,871	-	6,228	61,665
92	61,665	-	33,070	-	3,293	31,889
93	31,889	-	17,711	-	1,681	15,858
94	15,858	-	9,173	-	823	7,508
95	7,508	-	4,484	-	385	3,409
96	3,409	-	2,048	-	174	1,535
97	1,535	-	938	-	78	674
98	674	-	448	-	33	259
99	259	-	268	-	9	0
100	0	-	-	-	0	0

* Projected employer contributions as shown may differ substantially from those determined by the funding valuation.

Single Discount Rate Development

Present Values of Projected Benefit Payments

Beginning July 1, 2018

(Years 1-50)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of Benefit Payments using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^a ((a)-.5)	(g)=(e)*vf ^a ((a)-.5)	(h)=(c)/((1+sdr) ^a ((a)-.5))
1	\$ 8,836,866,976	\$ 840,084,148	\$ 840,084,148	\$ -	\$ 811,192,897	\$ -	\$ 811,192,897
2	9,240,965,847	879,933,894	879,933,894	-	792,235,128	-	792,235,128
3	9,626,095,807	919,771,401	919,771,401	-	772,123,285	-	772,123,285
4	9,995,064,040	959,649,828	959,649,828	-	751,142,330	-	751,142,330
5	10,321,418,849	999,270,856	999,270,856	-	729,281,787	-	729,281,787
6	10,629,790,109	1,036,220,221	1,036,220,221	-	705,126,291	-	705,126,291
7	10,922,639,871	1,071,249,644	1,071,249,644	-	679,685,860	-	679,685,860
8	11,201,696,411	1,104,542,906	1,104,542,906	-	653,435,664	-	653,435,664
9	11,468,744,390	1,136,227,988	1,136,227,988	-	626,741,461	-	626,741,461
10	11,725,611,855	1,167,377,065	1,167,377,065	-	600,394,629	-	600,394,629
11	11,972,979,245	1,195,189,073	1,195,189,073	-	573,145,590	-	573,145,590
12	12,214,631,745	1,222,437,107	1,222,437,107	-	546,584,818	-	546,584,818
13	12,451,458,239	1,247,936,196	1,247,936,196	-	520,266,809	-	520,266,809
14	12,685,784,202	1,270,505,396	1,270,505,396	-	493,870,348	-	493,870,348
15	12,921,519,523	1,290,047,342	1,290,047,342	-	467,568,005	-	467,568,005
16	13,162,916,257	1,307,636,534	1,307,636,534	-	441,904,966	-	441,904,966
17	13,413,148,889	1,323,306,302	1,323,306,302	-	416,970,103	-	416,970,103
18	13,675,730,480	1,336,123,168	1,336,123,168	-	392,548,868	-	392,548,868
19	13,955,490,842	1,346,076,841	1,346,076,841	-	368,739,605	-	368,739,605
20	14,257,651,884	1,354,322,782	1,354,322,782	-	345,919,319	-	345,919,319
21	14,586,569,328	1,360,162,383	1,360,162,383	-	323,926,212	-	323,926,212
22	14,947,565,231	1,363,809,832	1,363,809,832	-	302,839,031	-	302,839,031
23	14,670,529,532	1,365,359,967	1,365,359,967	-	282,688,340	-	282,688,340
24	14,365,733,006	1,363,960,580	1,363,960,580	-	263,308,724	-	263,308,724
25	14,034,413,366	1,358,916,318	1,358,916,318	-	244,601,346	-	244,601,346
26	13,678,879,953	1,349,789,654	1,349,789,654	-	226,534,798	-	226,534,798
27	13,302,151,090	1,337,318,393	1,337,318,393	-	209,269,697	-	209,269,697
28	12,906,682,435	1,320,984,678	1,320,984,678	-	192,740,068	-	192,740,068
29	12,495,613,612	1,300,177,333	1,300,177,333	-	176,880,320	-	176,880,320
30	12,072,976,127	1,275,443,249	1,275,443,249	-	161,785,935	-	161,785,935
31	11,642,452,961	1,247,434,268	1,247,434,268	-	147,536,676	-	147,536,676
32	11,207,241,320	1,217,509,053	1,217,509,053	-	134,263,271	-	134,263,271
33	10,769,293,947	1,186,666,468	1,186,666,468	-	122,015,890	-	122,015,890
34	10,329,609,327	1,155,513,674	1,155,513,674	-	110,781,058	-	110,781,058
35	9,888,614,022	1,124,480,335	1,124,480,335	-	100,518,265	-	100,518,265
36	9,446,282,292	1,093,468,347	1,093,468,347	-	91,138,533	-	91,138,533
37	9,002,699,733	1,062,130,225	1,062,130,225	-	82,542,247	-	82,542,247
38	8,558,326,058	1,029,067,559	1,029,067,559	-	74,566,731	-	74,566,731
39	8,115,118,786	994,113,691	994,113,691	-	67,164,529	-	67,164,529
40	7,675,330,591	957,883,846	957,883,846	-	60,341,967	-	60,341,967
41	7,240,698,858	920,036,011	920,036,011	-	54,039,851	-	54,039,851
42	6,813,411,566	880,513,768	880,513,768	-	48,222,327	-	48,222,327
43	6,395,858,044	840,158,549	840,158,549	-	42,901,845	-	42,901,845
44	5,989,690,639	799,763,448	799,763,448	-	38,078,424	-	38,078,424
45	5,595,823,597	759,643,440	759,643,440	-	33,723,287	-	33,723,287
46	5,214,891,273	719,859,552	719,859,552	-	29,796,866	-	29,796,866
47	4,847,506,303	680,636,523	680,636,523	-	26,268,832	-	26,268,832
48	4,494,088,488	642,173,387	642,173,387	-	23,108,966	-	23,108,966
49	4,154,872,461	604,550,794	604,550,794	-	20,284,472	-	20,284,472
50	3,830,021,417	567,805,586	567,805,586	-	17,763,693	-	17,763,693

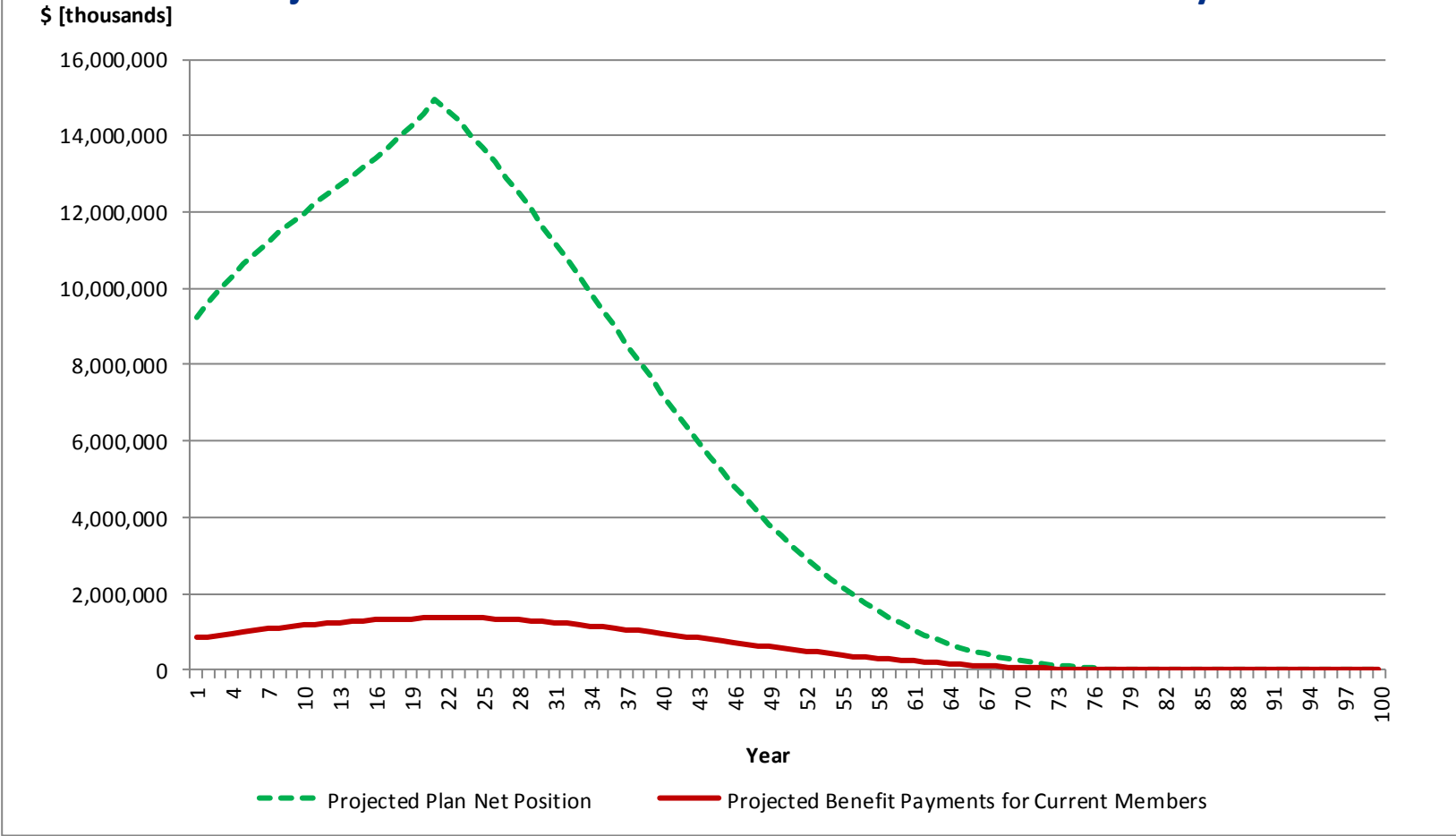
Single Discount Rate Development

Present Values of Projected Benefit Payments

Beginning July 1, 2018 (Years 51-100)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments using Municipal Bond Rate (vf)	Present Value of Benefit Payments using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^a ((a)-.5)	(g)=(e)*vf ^a ((a)-.5)	(h)=(c)/(1+sdr) ^a ((a)-.5)
51	\$ 3,519,670,306	\$531,968,890	\$ 531,968,890	\$ -	\$ 15,517,528	\$ -	\$ 15,517,528
52	3,223,931,105	497,081,797	497,081,797	-	13,519,694	-	13,519,694
53	2,942,880,368	463,184,385	463,184,385	-	11,746,152	-	11,746,152
54	2,676,558,146	430,314,840	430,314,840	-	10,174,914	-	10,174,914
55	2,424,967,782	398,511,864	398,511,864	-	8,785,943	-	8,785,943
56	2,188,072,780	367,813,316	367,813,316	-	7,560,965	-	7,560,965
57	1,965,794,791	338,254,488	338,254,488	-	6,483,299	-	6,483,299
58	1,758,013,235	309,868,951	309,868,951	-	5,537,749	-	5,537,749
59	1,564,564,026	282,690,635	282,690,635	-	4,710,525	-	4,710,525
60	1,385,236,042	256,753,594	256,753,594	-	3,989,120	-	3,989,120
61	1,219,767,587	232,091,288	232,091,288	-	3,362,189	-	3,362,189
62	1,067,843,343	208,734,548	208,734,548	-	2,819,424	-	2,819,424
63	929,093,198	186,710,612	186,710,612	-	2,351,461	-	2,351,461
64	803,092,003	166,042,097	166,042,097	-	1,949,798	-	1,949,798
65	689,360,360	146,746,710	146,746,710	-	1,606,728	-	1,606,728
66	587,365,780	128,834,762	128,834,762	-	1,315,255	-	1,315,255
67	496,526,490	112,308,437	112,308,437	-	1,069,035	-	1,069,035
68	416,216,274	97,159,888	97,159,888	-	862,321	-	862,321
69	345,771,642	83,370,554	83,370,554	-	689,918	-	689,918
70	284,500,227	70,911,546	70,911,546	-	547,148	-	547,148
71	231,689,378	59,744,162	59,744,162	-	429,819	-	429,819
72	186,614,863	49,820,775	49,820,775	-	334,198	-	334,198
73	148,549,260	41,086,223	41,086,223	-	256,976	-	256,976
74	116,769,542	33,478,379	33,478,379	-	195,237	-	195,237
75	90,564,596	26,928,507	26,928,507	-	146,424	-	146,424
76	69,242,944	21,360,855	21,360,855	-	108,298	-	108,298
77	52,141,419	16,693,243	16,693,243	-	78,913	-	78,913
78	38,633,887	12,838,621	12,838,621	-	56,588	-	56,588
79	28,138,965	9,706,912	9,706,912	-	39,893	-	39,893
80	20,126,409	7,207,109	7,207,109	-	27,617	-	27,617
81	14,121,778	5,248,883	5,248,883	-	18,754	-	18,754
82	9,709,781	3,745,443	3,745,443	-	12,477	-	12,477
83	6,534,901	2,615,387	2,615,387	-	8,124	-	8,124
84	4,300,144	1,784,562	1,784,562	-	5,168	-	5,168
85	2,763,784	1,188,045	1,188,045	-	3,208	-	3,208
86	1,733,800	770,886	770,886	-	1,941	-	1,941
87	1,061,159	487,274	487,274	-	1,144	-	1,144
88	633,464	299,969	299,969	-	657	-	657
89	368,738	179,968	179,968	-	367	-	367
90	209,095	105,198	105,198	-	200	-	200
91	115,309	59,871	59,871	-	106	-	106
92	61,665	33,070	33,070	-	55	-	55
93	31,889	17,711	17,711	-	27	-	27
94	15,858	9,173	9,173	-	13	-	13
95	7,508	4,484	4,484	-	6	-	6
96	3,409	2,048	2,048	-	3	-	3
97	1,535	938	938	-	1	-	1
98	674	448	448	-	-	-	-
99	259	83	83	-	-	-	-
100	-	-	-	-	-	-	-
Totals	\$ 15,504,835,344	\$ -	\$ 15,504,835,344	\$ -	\$ 15,504,835,344	\$ -	\$ 15,504,835,344

Projection of Pension Plan Net Position and Benefit Payments



SECTION D

GLOSSARY OF TERMS

Auditor's Note – This information is presented in draft form for review by the Plan's auditor. Please let us know if there are any items that the auditor changes so that we may maintain consistency with the Plan's financial statements.

Glossary of Terms

<i>Actuarial Accrued Liability (AAL)</i>	The AAL is the difference between the actuarial present value of all benefits and the actuarial value of future normal costs. The definition comes from the fundamental equation of funding which states that the present value of all benefits is the sum of the Actuarial Accrued Liability and the present value of future normal costs. The AAL may also be referred to as "accrued liability" or "actuarial liability."
<i>Actuarial Assumptions</i>	These assumptions are estimates of future experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and compensation increases. Actuarial assumptions are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (compensation increases, payroll growth, inflation and investment return) consist of an underlying real rate of return plus an assumption for a long-term average rate of inflation.
<i>Accrued Service</i>	Service credited under the system which was rendered before the date of the actuarial valuation.
<i>Actuarial Equivalent</i>	A single amount or series of amounts of equal actuarial value to another single amount or series of amounts, computed on the basis of appropriate actuarial assumptions.
<i>Actuarial Cost Method</i>	A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of the pension trust benefits between future normal cost and actuarial accrued liability. The actuarial cost method may also be referred to as the actuarial funding method.
<i>Actuarial Gain (Loss)</i>	The difference in liabilities between actual experience and expected experience during the period between two actuarial valuations is the gain (loss) on the accrued liabilities.
<i>Actuarial Present Value (APV)</i>	The amount of funds currently required to provide a payment or series of payments in the future. The present value is determined by discounting future payments at predetermined rates of interest and probabilities of payment.
<i>Actuarial Valuation</i>	The actuarial valuation report determines, as of the actuarial valuation date, the service cost, total pension liability, and related actuarial present value of projected benefit payments for pensions.
<i>Actuarial Valuation Date</i>	The date as of which an actuarial valuation is performed.
<i>Actuarially Determined Contribution (ADC) or Annual Required Contribution (ARC)</i>	A calculated contribution into a defined benefit pension plan for the reporting period, most often determined based on the funding policy of the plan. Typically the Actuarially Determined Contribution has a normal cost payment and an amortization payment.

Glossary of Terms

<i>Amortization Payment</i>	The amortization payment is the periodic payment required to pay off an interest-discounted amount with payments of interest and principal.
<i>Amortization Method</i>	The method used to determine the periodic amortization payment may be a level dollar amount, or a level percent of pay amount. The period will typically be expressed in years, and the method will either be “open” (meaning, reset each year) or “closed” (the number of years remaining will decline each year).
<i>Cost-of-Living Adjustments</i>	Postemployment benefit changes intended to adjust benefit payments for the effects of inflation.
<i>Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (cost-sharing pension plan)</i>	A multiple-employer defined benefit pension plan in which the pension obligations to the employees of more than one employer are pooled and pension plan assets can be used to pay the benefits of the employees of any employer that provides pensions through the pension plan.
<i>Covered-Employee Payroll</i>	The payroll of covered employees, which is typically only the pensionable pay. Total payroll of covered employees may differ if some items of pay are non-pensionable.
<i>Deferred Inflows and Outflows</i>	The deferred inflows and outflows of pension resources are amounts used under GASB Statement No. 68 in developing the annual pension expense. Deferred inflows and outflows arise with differences between expected and actual experiences; changes of assumptions. The portion of these amounts not included in pension expense should be included in the deferred inflows or outflows of resources.
<i>Discount Rate</i>	For GASB purposes, the discount rate is the single rate of return that results in the present value of all projected benefit payments to be equal to the sum of the funded and unfunded projected benefit payments, specifically: <ol style="list-style-type: none">1. The benefit payments to be made while the pension plans’ fiduciary net position is projected to be greater than the benefit payments that are projected to be made in the period; and2. The present value of the benefit payments not in (1) above, discounted using the municipal bond rate.

Glossary of Terms

<i>Entry Age Actuarial Cost Method (EAN)</i>	The EAN is a funding method for allocating the costs of the plan between the normal cost and the accrued liability. The actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis (either level dollar or level percent of pay) over the earnings or service of the individual between entry age and assumed exit ages(s). The portion of the actuarial present value allocated to a valuation year is the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is the actuarial accrued liability. The sum of the accrued liability plus the present value of all future normal costs is the present value of all benefits.
<i>GASB</i>	The Governmental Accounting Standards Board is an organization that exists in order to promulgate accounting standards for governmental entities.
<i>Fiduciary Net Position</i>	The fiduciary net position is the market value of the assets of the trust dedicated to the defined benefit provisions.
<i>Long-Term Expected Rate of Return</i>	The long-term rate of return is the expected return to be earned over the entire trust portfolio based on the asset allocation of the portfolio.
<i>Money-Weighted Rate of Return</i>	The money-weighted rate of return is a method of calculating the returns that adjusts for the changing amounts actually invested. For purposes of GASB Statement No. 67, money-weighted rate of return is calculated as the internal rate of return on pension plan investments, net of pension plan investment expense.
<i>Multiple-Employer Defined Benefit Pension Plan</i>	A multiple-employer plan is a defined benefit pension plan that is used to provide pensions to the employees of more than one employer.
<i>Municipal Bond Rate</i>	The Municipal Bond Rate is the discount rate to be used for those benefit payments that occur after the assets of the trust have been depleted.
<i>Net Pension Liability (NPL)</i>	The NPL is the liability of employers and non-employer contribution entities to plan members for benefits provided through a defined benefit pension plan.
<i>Non-Employer Contribution Entities</i>	Non-employer contribution entities are entities that make contributions to a pension plan that is used to provide pensions to the employees of other entities. For purposes of the GASB accounting statements, plan members are not considered non-employer contribution entities.
<i>Normal Cost</i>	The actuarial present value of the pension trust benefits allocated to the current year by the actuarial cost method.

Glossary of Terms

<i>Other Postemployment Benefits (OPEB)</i>	All postemployment benefits other than retirement income (such as death benefits, life insurance, disability, and long-term care) that are provided separately from a pension plan, as well as postemployment healthcare benefits regardless of the manner in which they are provided. Other post-employment benefits do not include termination benefits.
<i>Real Rate of Return</i>	The real rate of return is the rate of return on an investment after adjustment to eliminate inflation.
<i>Service Cost</i>	The service cost is the portion of the actuarial present value of projected benefit payments that is attributed to a valuation year.
<i>Total Pension Expense</i>	The total pension expense is the sum of the following items that are recognized at the end of the employer's fiscal year: <ol style="list-style-type: none">1. Service Cost2. Interest on the Total Pension Liability3. Current-Period Benefit Changes4. Member Contributions (made negative for addition here)5. Projected Earnings on Plan Investments (made negative for addition here)6. Pension Plan Administrative Expense7. Other Changes in Plan Fiduciary Net Position8. Recognition of Outflow (Inflow) of Resources due to Liabilities9. Recognition of Outflow (Inflow) of Resources due to Assets
<i>Total Pension Liability (TPL)</i>	The TPL is the portion of the actuarial present value of projected benefit payments that is attributed to past periods of member service.
<i>Unfunded Actuarial Accrued Liability (UAAL)</i>	The UAAL is the difference between actuarial accrued liability and valuation assets.
<i>Valuation Assets</i>	The valuation assets are the assets used in determining the unfunded liability of the plan. For purposes of GASB Statement Nos. 67 and 68, the valuation assets are equal to the market value of assets.

SECTION E

**DETERMINATION OF PROPORTIONATE SHARE,
PROPORTIONATE SHARES OF NET PENSION LIABILITIES,
PENSION EXPENSE BY EMPLOYER AND SCHEDULE OF DEFERRED
INFLOWS AND OUTFLOWS**

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate
Albany - Emp	\$ 4,662	0.00110302%	\$ 53,113	\$ 4,484	0.00122399%	\$ 60,196
Alexandria - Emp/Pol	47,287	0.01118801%	538,725	42,952	0.01172452%	576,611
Allenstown - Emp/Fire/Pol	268,821	0.06360253%	3,062,591	234,685	0.06406149%	3,150,539
Allenstown Sd - (Sau 53)	381,768	0.09032558%	4,349,360	308,891	0.08431735%	4,146,721
Allenstown Sewer Commission	0	0.00000000%	0	19,632	0.00535891%	263,551
Alstead - Police	26,431	0.00625352%	301,120	17,349	0.00473572%	232,902
Alton - Emp/Fire/Pol	423,616	0.10022673%	4,826,120	385,599	0.10525618%	5,176,491
Alton Sd - Emp/Teach	613,113	0.14506136%	6,984,998	550,245	0.15019926%	7,386,789
Amherst - Fire/Pol	388,044	0.09181047%	4,420,860	336,060	0.09173362%	4,511,453
Amherst Sd - (Sau 39)	1,806,788	0.42748257%	20,584,151	1,464,946	0.39988333%	19,666,234
Andover - Police	16,452	0.00389251%	187,432	13,500	0.00368507%	181,231
Andover Sd - (Sau 46)	245,256	0.05802710%	2,794,122	187,775	0.05125656%	2,520,794
Androscoggin Valley Reg Refuse	67,119	0.01588023%	764,665	62,141	0.01696250%	834,215
Antrim - Emp/Pol	157,453	0.03725308%	1,793,811	152,226	0.04155282%	2,043,565
Ashland - Emp/Pol	117,209	0.02773142%	1,335,324	103,964	0.02837884%	1,395,669
Ashland Electric Dept - Emp	32,653	0.00772564%	372,005	30,761	0.00839677%	412,953
Ashland Sd - (Sau 02)	217,688	0.05150456%	2,480,049	178,164	0.04863307%	2,391,771
Atkinson - Emp/Police	158,953	0.03760797%	1,810,900	142,802	0.03898037%	1,917,052
Auburn - Emp/Fire/Pol	244,953	0.05795541%	2,790,670	200,581	0.05475219%	2,692,709
Auburn Sd - (Sau 15)	544,718	0.12887923%	6,205,796	448,436	0.12240866%	6,020,049
Baker Free Library - Emp	0	0.00000000%	0	13,171	0.00359526%	176,815
Barnstead - Emp/Fire/Pol	200,249	0.04737853%	2,281,372	172,129	0.04698570%	2,310,753
Barnstead Sd - Emp/Teach	519,474	0.12290655%	5,918,199	452,795	0.12359853%	6,078,567
Barrington - Emp/Pol/Fire	335,148	0.07929537%	3,818,233	314,328	0.08580148%	4,219,711
Barrington Sd - Emp/Teach	1,070,439	0.25326381%	12,195,165	901,065	0.24596188%	12,096,388
Bartlett - Fire/Pol	54,719	0.01294641%	623,396	51,947	0.01417987%	697,365
Bartlett Sd - (Sau 09)	373,988	0.08848484%	4,260,724	296,602	0.08096285%	3,981,747
Bath Sd - (Sau 23)	77,720	0.01838840%	885,439	62,850	0.01715604%	843,733
Bcep Solid Waste District	33,315	0.00788227%	379,547	40,554	0.01106994%	544,419
Bedford - Emp/Fire/Pol	1,859,338	0.43991580%	21,182,836	1,656,188	0.45208627%	22,233,570
Bedford Sd - Emp/Teach	4,527,132	1.07111074%	51,576,150	3,473,104	0.94804615%	46,624,842
Belknap County - Emp/Pol	1,187,740	0.28101700%	13,531,537	1,086,760	0.29665067%	14,589,259
Belknap County Conserv. Dist	5,838	0.00138126%	66,510	5,951	0.00162443%	79,889
Belmont - Emp/Fire/Pol	592,089	0.14008712%	6,745,478	543,230	0.14828439%	7,292,616
Bennington - Emp/Pol	65,251	0.01543826%	743,383	58,561	0.01598528%	786,155
Berlin - Emp/Fire/Pol	1,062,439	0.25137103%	12,104,024	1,025,920	0.28004330%	13,772,509
Berlin Housing Authority - Emp	28,658	0.00678043%	326,491	27,467	0.00749761%	368,732
Berlin Water Works - Emp	67,808	0.01604324%	772,514	69,932	0.01908920%	938,805
Bethlehem - Emp/Fir/Pol	126,745	0.02998762%	1,443,965	108,273	0.02955506%	1,453,516
Bethlehem Sd - (Sau 35)	228,765	0.05412536%	2,606,246	186,703	0.05096394%	2,506,403
Boscawen - Emp/Pol	176,499	0.04175932%	2,010,796	160,092	0.04369999%	2,149,162
Bow - Emp/Fire/Pol	546,636	0.12933303%	6,227,647	469,451	0.12814509%	6,302,166
Bow Sd - Emp/Teach (Sau 67)	2,030,871	0.48050018%	23,137,056	1,668,380	0.45541430%	22,397,243
Bradford - Police	46,731	0.01105646%	532,391	40,916	0.01116876%	549,279
Brentwood - Emp/Fire/Pol	167,930	0.03973192%	1,913,172	147,346	0.04022074%	1,978,053
Brentwood Sd - (Sau 16)	318,532	0.07536406%	3,628,932	251,579	0.06867301%	3,377,334
Bridgewater - Police/Fire	0	0.00000000%	0	-	0.00000000%	0
Bristol - Emp/Fire/Pol	383,837	0.09081510%	4,372,931	306,943	0.08378561%	4,120,570
Brookline - Emp/Fire/Pol	241,907	0.05723473%	2,755,968	213,878	0.05838184%	2,871,215
Brookline Public Library - Emp	9,148	0.00216440%	104,220	9,365	0.00255635%	125,721

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate
Brookline Sd - (Sau 41)	\$ 606,030	0.14338553%	\$ 6,904,304	\$ 466,463	0.12732946%	\$ 6,262,054
Campton - Emp/Pol	134,288	0.03177228%	1,529,900	119,923	0.03273514%	1,609,912
Campton Sd - (Sau 48)	418,694	0.09906220%	4,770,045	328,072	0.08955315%	4,404,217
Campton/Thornton Fire Dept	71,093	0.01682047%	809,940	57,171	0.01560585%	767,495
Canaan - Emp/Pol	176,659	0.04179718%	2,012,619	154,276	0.04211241%	2,071,085
Candia - Police	107,016	0.02531978%	1,219,199	90,478	0.02469760%	1,214,626
Candia Sd - (Sau 15)	358,861	0.08490582%	4,088,387	283,200	0.07730453%	3,801,831
Canterbury - Emp/Pol/Fire	61,964	0.01466056%	705,936	65,277	0.01781853%	876,314
Carrroll - Emp/Fire/Pol	118,239	0.02797512%	1,347,059	101,054	0.02758451%	1,356,604
Carroll County - Emp/Pol	1,245,045	0.29457526%	14,184,395	1,174,965	0.32072781%	15,773,371
Center Conway Fire Precinct	14,786	0.00349834%	168,452	13,755	0.00375467%	184,654
Center Harbor - Police	51,543	0.01219497%	587,212	50,019	0.01365358%	671,482
Central Hooksett Water Precinct	23,774	0.00562488%	270,849	19,331	0.00527674%	259,510
Charlestown - Emp/Pol	182,737	0.04323522%	2,081,863	159,025	0.04340873%	2,134,838
Cheshire County - Emp/Pol	1,876,891	0.44406881%	21,382,812	1,823,297	0.49770168%	24,476,933
Chester - Emp/Fire/Pol	214,593	0.05077229%	2,444,789	179,631	0.04903351%	2,411,465
Chester Sd - (Sau 82)	468,255	0.11078823%	5,334,678	403,597	0.11016905%	5,418,106
Chesterfield - Emp/Pol	153,269	0.03626315%	1,746,144	126,971	0.03465902%	1,704,528
Chesterfield Sd - (Sau 29)	313,467	0.07416569%	3,571,228	235,678	0.06433255%	3,163,870
Chichester - Emp/Pol	111,249	0.02632130%	1,267,424	88,266	0.02409379%	1,184,931
Chichester Sd - (Sau 53)	286,071	0.06768385%	3,259,114	230,158	0.06282576%	3,089,766
Claremont - Emp/Fire/Pol	1,104,658	0.26135996%	12,585,011	1,033,810	0.28219702%	13,878,429
Claremont Sd - (Sau 06)	1,926,325	0.45576480%	21,945,998	1,583,670	0.43229118%	21,260,049
Clarksville - Emp	4,264	0.00100885%	48,578	4,179	0.00114073%	56,101
Cochecho Academy Of The Arts	29,140	0.00689447%	331,983	24,429	0.00666833%	327,948
Colebrook - Emp/Pol	146,248	0.03460200%	1,666,156	124,419	0.03396240%	1,670,268
Colebrook Sd - (Sau 07)	358,246	0.08476032%	4,081,381	281,305	0.07678725%	3,776,391
Community College System Of Nh	4,725,583	1.11806387%	53,837,038	4,689,352	1.28004289%	62,952,418
Concord - Emp/Fire/Pol	5,597,501	1.32435799%	63,770,518	5,133,632	1.40131710%	68,916,675
Concord Reg Sol Waste Res Rec	0	0.00000000%	0	-	0.00000000%	0
Concord Sd - Emp/Teach	5,573,060	1.31857530%	63,492,070	4,504,606	1.22961315%	60,472,287
Contoocook Valley Sd	3,003,431	0.71060601%	34,217,118	2,488,683	0.67933074%	33,409,437
Conway - Emp/Pol	798,665	0.18896261%	9,098,932	710,927	0.19406030%	9,543,872
Conway Sd - (Sau 09)	1,935,391	0.45790980%	22,049,284	1,621,037	0.44249118%	21,761,685
Conway Village Fire District	126,495	0.02992847%	1,441,116	117,198	0.03199130%	1,573,330
Cook Memorial Library	4,131	0.00097739%	47,063	2,451	0.00066904%	32,903
Coos County - Emp/Pol	784,110	0.18551892%	8,933,112	742,805	0.20276197%	9,971,819
Coos County Nursing Home - Emp	312,263	0.07388083%	3,557,512	303,617	0.08287772%	4,075,920
Cornish - Emp	19,983	0.00472794%	227,660	21,501	0.00586908%	288,641
Cornish Sd - (Sau 100)	113,021	0.02674055%	1,287,612	96,881	0.02644541%	1,300,583
Croydon Sd - (Sau 99)	21,771	0.00515098%	248,030	16,418	0.00448159%	220,404
Croydon-Emp	1,846	0.00043676%	21,031	-	0.00000000%	0
Danville - Pol	77,512	0.01833919%	883,069	63,466	0.01732419%	852,002
Deerfield - Emp/Pol	180,223	0.04264042%	2,053,223	166,054	0.04532742%	2,229,199
Deerfield Sd - (Sau 53)	567,607	0.13429473%	6,466,563	458,816	0.12524207%	6,159,396
Deering - Police	35,601	0.00842313%	405,591	31,138	0.00849968%	418,014
Derry - Emp/Fire/Pol	3,544,185	0.83854737%	40,377,753	3,199,399	0.87333345%	42,950,476
Derry Housing Authority - Emp	9,030	0.00213648%	102,876	8,352	0.00227983%	112,122
Dorchester - Emp	4,786	0.00113236%	54,525	1,485	0.00040536%	19,936
Dover - Emp/Fire/Pol/Teacher	6,744,626	1.59576556%	76,839,342	5,704,762	1.55721730%	76,583,835

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under
			Current Discount Rate			Current Discount Rate
Dover Housing Authority	\$ 143,231	0.03388818%	\$ 1,631,784	\$ 133,558	0.03645706%	\$ 1,792,956
Dresden Sd - (Sau 70)	965,505	0.22843663%	10,999,686	805,333	0.21983011%	10,811,229
Dublin - Emp/Fir/Pol	92,043	0.02177720%	1,048,616	76,922	0.02099724%	1,032,643
Dunbarton - Emp/Pol	88,537	0.02094768%	1,008,673	82,773	0.02259438%	1,111,190
Dunbarton Sd - (Sau 67)	196,681	0.04653435%	2,240,723	143,783	0.03924815%	1,930,221
Durham - Emp/Fire/Pol	1,253,695	0.29662183%	14,282,942	1,145,684	0.31273503%	15,380,286
East Kingston - Emp/Pol/Fire	94,273	0.02230481%	1,074,022	91,336	0.02493180%	1,226,144
East Kingston Sd - (Sau 16)	186,256	0.04406781%	2,121,954	148,204	0.04045494%	1,989,571
Effingham - Pol	36,515	0.00863938%	416,004	29,322	0.00800397%	393,635
Enfield - Emp/Pol	272,664	0.06451178%	3,106,373	264,046	0.07207610%	3,544,697
Epping - Emp/Fire/Pol	492,130	0.11643701%	5,606,678	420,169	0.11469268%	5,640,578
Epping Sd - (Sau 14)	1,167,005	0.27611114%	13,295,310	946,234	0.25829157%	12,702,761
Epsom - Emp/Fire/Pol	197,049	0.04662142%	2,244,916	192,395	0.05251767%	2,582,815
Epsom Sd - (Sau 53)	413,756	0.09789388%	4,713,788	323,364	0.08826801%	4,341,014
Errol Sd - (Sau 20)	22,165	0.00524420%	252,519	19,942	0.00544353%	267,712
Exeter - Emp/Fire/Pol	1,549,898	0.36670289%	17,657,486	1,406,735	0.38399360%	18,884,778
Exeter Reg Coop Sd - (Sau 16)	3,849,828	0.91086191%	43,859,845	3,079,212	0.84052625%	41,337,021
Exeter Sd - (Sau 16)	1,419,652	0.33588694%	16,173,636	1,151,629	0.31435783%	15,460,096
Fall Mountain Reg Sd	2,040,606	0.48280346%	23,247,964	1,632,426	0.44560001%	21,914,577
Farmington - Fire/Pol	201,580	0.04769344%	2,296,536	176,657	0.04822170%	2,371,540
Farmington Sd - (Sau 61)	1,067,530	0.25257555%	12,162,024	888,320	0.24248291%	11,925,292
Fitzwilliam - Emp/Pol	70,065	0.01657724%	798,228	67,841	0.01851842%	910,735
Francestown - Emp/Pol	25,397	0.00600888%	289,340	26,921	0.00734857%	361,402
Franconia - Police	46,972	0.01111349%	535,137	49,113	0.01340628%	659,320
Franklin - Emp/Fire/Pol	880,564	0.20833975%	10,031,981	797,994	0.21782680%	10,712,706
Franklin Sd - (Sau 18)	947,010	0.22406075%	10,788,979	738,901	0.20169631%	9,919,410
Freedom - Police/Fire	38,455	0.00909838%	438,105	33,423	0.00912341%	448,689
Freedom Sd - (Sau 13)	101,837	0.02409444%	1,160,196	81,474	0.02223979%	1,093,751
Fremont - Police	70,965	0.01679018%	808,481	54,062	0.01475719%	725,758
Fremont Sd - (Sau 83)	442,939	0.10479852%	5,046,261	376,440	0.10275606%	5,053,536
Gilford - Emp/Fire/Pol	854,861	0.20225847%	9,739,155	770,168	0.21023119%	10,339,155
Gilford Sd - Emp/Teach	1,634,326	0.38667839%	18,619,347	1,372,109	0.37454181%	18,419,939
Gilmanton - Emp/Fire/Pol	195,149	0.04617188%	2,223,269	175,018	0.04777431%	2,349,537
Gilmanton Sd - Emp/Teach	445,815	0.10547897%	5,079,026	417,107	0.11385685%	5,599,472
Goffstown - Emp/Fire/Pol	1,328,757	0.31438136%	15,138,099	1,223,362	0.33393864%	16,423,078
Goffstown Sd - (Sau 19)	2,732,661	0.64654235%	31,132,323	2,187,207	0.59703745%	29,362,259
Goffstown Village Water Prcnct	13,698	0.00324092%	156,057	12,627	0.00344677%	169,512
Gorham - Emp/Fire/Pol	289,287	0.06844475%	3,295,753	265,133	0.07237282%	3,559,290
Goshen - Emp/Pol	14,433	0.00341482%	164,430	12,096	0.00330182%	162,383
Goshen-Lempster Sd	0	0.00000000%	0	-	0.00000000%	0
Governor Wentworth Reg Sd	3,114,006	0.73676784%	35,476,863	2,561,383	0.69917552%	34,385,402
Grafton - Emp/Pol	31,876	0.00754180%	363,153	20,847	0.00569056%	279,861
Grafton County - Emp/Pol	2,120,257	0.50164874%	24,155,402	1,911,928	0.52189510%	25,666,764
Grantham - Emp/Pol	124,226	0.02939163%	1,415,266	107,904	0.02945434%	1,448,562
Grantham Sd (Sau 75)	314,096	0.07431451%	3,578,394	246,501	0.06728688%	3,309,164
Great Bay Elearning Charter Sc	113,076	0.02675356%	1,288,238	83,289	0.02273523%	1,118,117
Greenfield - Emp/Pol	86,097	0.02037038%	980,875	85,884	0.02344358%	1,152,954
Greenland - Emp/Pol	196,276	0.04643852%	2,236,109	179,198	0.04891531%	2,405,651
Greenland Sd - (Sau 50)	448,396	0.10608963%	5,108,430	318,228	0.08686605%	4,272,066
Greenville - Emp/Pol	105,158	0.02488018%	1,198,031	105,694	0.02885108%	1,418,894

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate
		\$		\$	\$	
Groton - Emp/Pol	23,198	0.00548860%	264,287	21,747	0.00593623%	291,943
Grs Coop Sd - (Sau 20)	423,885	0.10029038%	4,829,185	363,969	0.09935188%	4,886,118
Hampstead - Emp/Fire/Pol	329,504	0.07796001%	3,753,932	278,677	0.07606989%	3,741,112
Hampstead Sd - (Sau 55)	1,208,447	0.28591624%	13,767,446	984,649	0.26877764%	13,218,465
Hampton - Emp/Fire/Pol	2,191,695	0.51855083%	24,969,272	1,934,036	0.52792988%	25,963,554
Hampton Falls - Emp/Fire/Pol	108,140	0.02558572%	1,232,004	98,928	0.02700418%	1,328,064
Hampton Falls Sd - (Sau 21)	405,884	0.09603138%	4,624,105	327,937	0.08951630%	4,402,405
Hampton Sd - (Sau 90)	1,521,586	0.36000433%	17,334,937	1,239,390	0.33831377%	16,638,247
Hancock - Police	47,521	0.01124338%	541,392	40,441	0.01103910%	542,902
Hanover - Emp/Fire/Pol	1,570,337	0.37153872%	17,890,341	1,363,402	0.37216508%	18,303,052
Hanover Sd - (Sau 70)	711,484	0.16833575%	8,105,707	569,025	0.15532560%	7,638,902
Harrisville - Police	14,870	0.00351821%	169,409	13,453	0.00367224%	180,600
Harrisville Sd - (Sau 29)	68,833	0.01628576%	784,192	63,708	0.01739024%	855,251
Haverhill - Emp/Pol	152,424	0.03606323%	1,736,518	154,625	0.04220767%	2,075,770
Haverhill Coop Sd - (Sau 23)	815,653	0.19298193%	9,292,471	685,373	0.18708488%	9,200,821
Hebron - Emp/Pol	21,862	0.00517251%	249,067	20,008	0.00546154%	268,598
Henniker - Emp/Fire/Pol	284,592	0.06733392%	3,242,265	258,708	0.07061900%	3,473,037
Henniker Sd - (Sau 24)	486,338	0.11506664%	5,540,692	406,015	0.11082909%	5,450,567
Hill Sd - (Sau 103)	51,377	0.01215570%	585,322	39,248	0.01071345%	526,887
Hillsboro-Deering Sd (Sau 34)	1,431,435	0.33867477%	16,307,876	1,130,656	0.30863287%	15,178,542
Hillsborough - Fire/Pol	298,722	0.07067705%	3,403,243	260,913	0.07122089%	3,502,638
Hillsborough County - Emp/Pol	3,979,087	0.94144435%	45,332,451	3,668,916	1.00149655%	49,253,529
Hinsdale - Emp/Pol	220,936	0.05227303%	2,517,052	178,215	0.04864699%	2,392,455
Hinsdale Sd - (Sau 92)	711,682	0.16838260%	8,107,963	565,340	0.15431971%	7,589,432
Holderness - Emp/Fire/Pol	125,971	0.02980450%	1,435,147	114,185	0.03116885%	1,532,882
Holderness Sd - (Sau 48)	260,652	0.06166976%	2,969,524	206,455	0.05635560%	2,771,564
Hollis - Emp/Fire/Pol	633,926	0.14998567%	7,222,114	570,697	0.15578200%	7,661,348
Hollis Sd - (Sau 41)	811,374	0.19196953%	9,243,721	661,757	0.18063846%	8,883,787
Hollis-Brookline Coop (Sau 41)	1,406,920	0.33287457%	16,028,584	1,107,580	0.30233386%	14,868,758
Hooksett - Emp/Fire/Police	1,335,914	0.31607469%	15,219,636	1,154,486	0.31513770%	15,498,449
Hooksett Public Library - Emp	36,202	0.00856532%	412,437	32,726	0.00893315%	439,332
Hooksett Sd - (Sau 15)	1,293,784	0.30610681%	14,739,663	1,049,064	0.28636087%	14,083,207
Hooksett Sewer Commission	38,411	0.00908797%	437,604	34,822	0.00950529%	467,469
Hooksett Village Water Precnct	36,207	0.00856651%	412,495	31,600	0.00862579%	424,216
Hopkinton - Emp/Fire/Pol	379,065	0.08968605%	4,318,565	326,464	0.08911422%	4,382,631
Hopkinton Sd - Emp/Teach	1,232,262	0.29155082%	14,038,762	1,003,634	0.27395993%	13,473,330
Hudson - Emp/Fire/Pol	2,386,346	0.56460488%	27,186,868	2,116,407	0.57771132%	28,411,801
Hudson Sd - Emp/Teach	3,371,390	0.79766440%	38,409,155	2,720,074	0.74249308%	36,515,756
Inter-Lakes Sd - (Sau 02)	1,663,874	0.39366939%	18,955,978	1,364,069	0.37234714%	18,312,006
Jackson - Emp/Pol/Fire	60,127	0.01422593%	685,007	58,675	0.01601640%	787,685
Jackson Sd - (Sau 09)	76,268	0.01804486%	868,897	59,744	0.01630820%	802,036
Jaffrey - Emp/Fire/Pol	426,826	0.10098621%	4,862,690	380,045	0.10374011%	5,101,931
Jaffrey-Rindge Coop Sd	1,672,515	0.39571384%	19,054,422	1,406,037	0.38380306%	18,875,407
Jefferson - Emp	11,560	0.00273507%	131,699	10,997	0.00300183%	147,630
John Stark Reg Sd - (Sau 24)	888,519	0.21022189%	10,122,610	747,571	0.20406294%	10,035,801
Kearsarge Reg Coop Sd	2,443,078	0.57802756%	27,833,197	1,976,562	0.53953812%	26,534,446
Keene - Emp/Fire/Pol	3,003,249	0.71056295%	34,215,044	2,752,386	0.75131322%	36,949,530
Keene Sd - (Sau 29)	3,821,136	0.90407344%	43,532,966	3,137,062	0.85631744%	42,113,630
Kensington - Police	67,121	0.01588070%	764,688	51,327	0.01401063%	689,042
Kensington Sd - (Sau 16)	157,689	0.03730891%	1,796,500	135,523	0.03699344%	1,819,335

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under
			Current Discount Rate			Current Discount Rate
Kingston - Emp/Fire/Pol	\$ 268,834	0.06360561%	\$ 3,062,739	\$ 247,897	0.06766794%	\$ 3,327,904
Laconia - Emp/Fire/Pol	2,004,991	0.47437702%	22,842,214	1,851,539	0.50541084%	24,856,069
Laconia Housing & Redevelopmnt	111,698	0.02642753%	1,272,539	104,755	0.02859476%	1,406,288
Laconia Sd - Empl/Teach	2,273,875	0.53799446%	25,905,522	1,967,473	0.53705711%	26,412,430
Laconia Water Works - Emp	104,243	0.02466369%	1,187,607	100,755	0.02750289%	1,352,590
Lafayette Reg Coop Sd (Sau 35)	172,720	0.04086522%	1,967,743	141,803	0.03870768%	1,903,641
Lakes Region Mutual Fire Aid	82,702	0.01956713%	942,197	69,290	0.01891395%	930,187
Lakes Region Planning Comm.	22,754	0.00538355%	259,229	21,066	0.00575034%	282,801
Lancaster - Emp/Fire/Pol	239,547	0.05667636%	2,729,081	217,446	0.05935579%	2,919,113
Landaff Sd - (Sau 35)	10,241	0.00242300%	116,672	8,006	0.00218538%	107,477
Langdon - Police	0	0.00000000%	0	5,056	0.00138013%	67,875
Lebanon - Emp/Fire/Pol	2,106,239	0.49833210%	23,995,699	1,927,693	0.52619844%	25,878,402
Lebanon Sd(Sau 88) - Emp/Teach	2,708,887	0.64091746%	30,861,473	2,268,415	0.61920464%	30,452,440
Lee - Emp/Fire/Pol	215,918	0.05108578%	2,459,884	198,507	0.05418605%	2,664,866
Lempster - Emp/Pol	26,082	0.00617095%	297,144	29,712	0.00811042%	398,870
Lempster Sd Emp/Teachers	153,735	0.03637341%	1,751,453	103,852	0.02834827%	1,394,166
Lincoln - Emp/Pol	253,905	0.06007344%	2,892,658	218,106	0.05953595%	2,927,974
Lincoln-Woodstock Sd	512,474	0.12125036%	5,838,450	408,414	0.11148394%	5,482,772
Lisbon - Police	49,780	0.01177785%	567,127	40,264	0.01099078%	540,526
Lisbon Reg Sd - (Sau 35)	432,515	0.10233222%	4,927,504	357,054	0.09746431%	4,793,288
Litchfield - Emp/Fire/Pol	387,289	0.09163183%	4,412,258	343,750	0.09383274%	4,614,687
Litchfield Sd - Emp/Teach	1,415,091	0.33480781%	16,121,674	1,116,234	0.30469613%	14,984,934
Littleton - Emp/Fire/Pol	466,188	0.11029919%	5,311,129	409,897	0.11188875%	5,502,681
Littleton Public Library - Emp	16,131	0.00381656%	183,775	14,275	0.00389662%	191,635
Littleton Sd - Emp/Teach	1,050,208	0.24847720%	11,964,680	979,052	0.26724984%	13,143,328
Littleton Water & Light Dept	120,906	0.02860613%	1,377,443	121,418	0.03314322%	1,629,981
Londonderry - Emp/Fire/Pol	3,043,600	0.72010992%	34,674,750	2,644,855	0.72196070%	35,505,975
Londonderry Sd - Emp/Teach	5,238,952	1.23952599%	59,685,685	4,308,790	1.17616166%	57,843,546
Loudon - Emp/Fire/Pol	243,647	0.05764641%	2,775,791	197,533	0.05392018%	2,651,791
Lyme - Emp/Pol	73,511	0.01739256%	837,487	59,307	0.01618891%	796,169
Lyme Sd - (Sau 76)	297,022	0.07027484%	3,383,876	249,543	0.06811725%	3,350,001
Lyndeborough - Police	12,819	0.00303295%	146,043	9,927	0.00270975%	133,265
Madison - Emp/Pol	115,266	0.02727171%	1,313,188	98,005	0.02675223%	1,315,673
Madison Sd - (Sau 13)	205,970	0.04873211%	2,346,550	162,581	0.04437941%	2,182,576
Manchester - Fire/Pol	10,538,647	2.49342365%	120,063,396	9,270,371	2.53051435%	124,450,514
Manchester Sd - Empl/Teacher	12,825,313	3.03444444%	146,114,642	10,207,127	2.78621873%	137,026,037
Marlborough - Emp/Pol	82,627	0.01954939%	941,343	64,752	0.01767522%	869,266
Marlborough Sd - (Sau 29)	202,699	0.04795819%	2,309,284	147,984	0.04039489%	1,986,618
Marlow - Emp	18,952	0.00448401%	215,914	18,153	0.00495519%	243,696
Marlow Sd - (Sau 29)	47,121	0.01114874%	536,834	37,215	0.01015850%	499,594
Mascenic Reg Sd - (Sau 87)	975,038	0.23069212%	11,108,293	810,641	0.22127903%	10,882,487
Mascoma Valley Sd - Empl/Teach	1,527,870	0.36149111%	17,406,529	1,238,916	0.33818438%	16,631,884
Mason - Police	37,877	0.00896163%	431,521	33,753	0.00921349%	453,119
Mason Sd (Sau 89)	69,473	0.01643718%	791,483	57,271	0.01563315%	768,837
Maxfield Public Library	8,208	0.00194200%	93,511	8,287	0.00226209%	111,249
Meredith - Emp/Fire/Pol	631,489	0.14940909%	7,194,350	610,343	0.16660409%	8,193,577
Meriden Village Water District	5,534	0.00130933%	63,047	5,339	0.00145738%	71,674
Merrimack - Emp/Fire/Pol	2,329,809	0.55122834%	26,542,760	2,112,466	0.57663555%	28,358,895
Merrimack County - Emp/Pol	4,169,330	0.98645547%	47,499,828	3,827,031	1.04465688%	51,376,150
Merrimack Sd - Emp/Teach	4,384,816	1.03743905%	49,954,790	3,629,566	0.99075526%	48,725,273

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under
			Current Discount Rate			Current Discount Rate
Merrimack Valley Sd (Sau 46)	\$ 2,703,639	0.63967580%	\$ 30,801,685	\$ 2,132,740	0.58216971%	\$ 28,631,065
Merrimack Village District	96,375	0.02280214%	1,097,969	83,489	0.02278982%	1,120,802
Middleton - Police	59,123	0.01398839%	673,569	52,001	0.01419461%	698,090
Middleton Sd - Emp/Teach	113,805	0.02692604%	1,296,543	83,124	0.02269019%	1,115,902
Milan Sd - (Sau 20)	79,022	0.01869645%	900,272	68,904	0.01880858%	925,005
Milford - Emp/Fire/Pol	988,451	0.23386561%	11,261,103	920,916	0.25138057%	12,362,878
Milford Area Communication Ctr	35,068	0.00829702%	399,518	31,954	0.00872242%	428,968
Milford Sd - Empl/Teacher	2,670,653	0.63187137%	30,425,885	2,176,494	0.59411315%	29,218,442
Milton - Emp/Fire/Pol	231,649	0.05480771%	2,639,102	204,103	0.05571358%	2,739,990
Milton Sd - (Sau 64)	630,452	0.14916373%	7,182,536	501,715	0.13695212%	6,735,295
Monadnock Reg Sd - (Sau 93)	2,044,539	0.48373400%	23,292,771	1,785,366	0.48734773%	23,967,726
Monroe - Emp	10,532	0.00249185%	119,988	9,874	0.00269529%	132,554
Monroe Sd - Emp/Tch	151,078	0.03574476%	1,721,183	111,415	0.03041273%	1,495,696
Mont Vernon - Emp/Pol	88,856	0.02102316%	1,012,308	76,899	0.02099096%	1,032,334
Mont Vernon Sd - (Sau 39)	199,248	0.04714169%	2,269,968	149,375	0.04077459%	2,005,291
Moultonborough - Emp/Fire/Pol	447,399	0.10585374%	5,097,072	398,389	0.10874744%	5,348,191
Moultonborough Sd - Emp/Teach	937,513	0.22181378%	10,680,782	796,606	0.21744792%	10,694,073
Nashua - Emp/Fire/Pol	10,048,534	2.37746385%	114,479,697	8,898,254	2.42893832%	119,455,012
Nashua Airport Authority - Emp	26,358	0.00623625%	300,288	22,720	0.00620183%	305,006
Nashua Housing Redevelop Auth	137,687	0.03257648%	1,568,623	128,422	0.03505509%	1,724,007
Ne Interstate Water Pol Cntrl	10,257	0.00242679%	116,855	19,205	0.00524235%	257,818
Nelson - Emp	18,615	0.00440427%	212,075	16,933	0.00462217%	227,318
Nelson Sd - (Sau 29)	55,029	0.01301976%	626,928	44,756	0.01221695%	600,829
New Boston - Police	121,444	0.02873342%	1,383,572	91,422	0.02495528%	1,227,299
New Boston Sd - (Sau 19)	518,462	0.12266711%	5,906,670	423,719	0.11566171%	5,688,235
New Castle - Emp/Fire/Pol	137,253	0.03247380%	1,563,679	119,400	0.03259238%	1,602,891
New Castle Sd - (Sau 50)	78,284	0.01852184%	891,864	49,481	0.01350673%	664,260
New Durham - Emp/Pol	111,840	0.02646113%	1,274,157	90,736	0.02476802%	1,218,089
New Hampton - Emp/Pol/Fire	119,668	0.02831322%	1,363,339	109,547	0.02990282%	1,470,619
New Ipswich - Emp/Pol	127,071	0.03006475%	1,447,679	112,494	0.03070726%	1,510,181
New London - Emp/Fire/Pol	342,430	0.08101828%	3,901,194	312,662	0.08534671%	4,197,345
New London-Springfield Wtr Sys	17,664	0.00417927%	201,240	16,613	0.00453482%	223,022
Newbury - Police	57,131	0.01351708%	650,875	60,249	0.01644605%	808,816
Newfields - Emp/Pol	53,966	0.01276825%	614,817	48,583	0.01326160%	652,205
Newfields Sd - (Sau 16)	153,115	0.03622672%	1,744,390	124,374	0.03395012%	1,669,664
Newfound Area Sd - Emp/Teach	1,513,869	0.35817850%	17,247,020	1,299,338	0.35467766%	17,443,022
Newington - Emp/Fire/Pol	410,041	0.09701491%	4,671,464	367,358	0.10027697%	4,931,614
Newington Sd - (Sau 50)	84,514	0.01999585%	962,841	66,251	0.01808440%	889,389
Newmarket - Emp/Pol/Fire	496,365	0.11743901%	5,654,926	434,112	0.11849867%	5,827,756
Newmarket Sd - Emp/Teach	1,201,590	0.28429389%	13,689,326	1,084,927	0.29615032%	14,564,652
Newport - Emp/Fire/Pol	525,700	0.12437961%	5,989,130	492,587	0.13446047%	6,612,756
Newport Sd - (Sau 43)	992,433	0.23480774%	11,306,468	816,626	0.22291274%	10,962,833
Newton - Emp/Pol	139,618	0.03303335%	1,590,623	115,994	0.03166265%	1,557,167
Next Charter School	50,712	0.01199836%	577,745	34,507	0.00941931%	463,241
Nh Community Developmental Fin	8,888	0.00210288%	101,258	8,469	0.00231177%	113,693
Nh Land & Community Heritage	11,088	0.00262340%	126,322	10,235	0.00279383%	137,400
Nh Municipal Bond Bank - Emp	22,072	0.00522219%	251,459	36,318	0.00991365%	487,553
Nh Retirement System	0	0.00000000%	0	-	0.00000000%	0
North Conway Wtr Prct&Fire Dep	116,980	0.02767724%	1,332,715	107,779	0.02942021%	1,446,884
North Country Charter Academy	32,336	0.00765064%	368,394	25,857	0.00705813%	347,118

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate
North Country Education Servic	\$ 97,199	0.02299710%	\$ 1,107,357	\$ 107,800	0.02942595%	\$ 1,447,166
North Hampton - Emp/Fire/Pol	586,995	0.13888189%	6,687,444	532,397	0.14532733%	7,147,188
North Hampton Sd - (Sau 21)	601,421	0.14229505%	6,851,795	510,882	0.13945442%	6,858,358
Northfield - Emp/Pol	194,318	0.04597527%	2,213,802	169,980	0.04639910%	2,281,904
Northumberland - Emp/Pol	71,980	0.01703033%	820,045	55,816	0.01523598%	749,304
Northumberland Sd - (Sau 58)	397,140	0.09396256%	4,524,487	284,079	0.07754447%	3,813,631
Northwood - Emp/Fire/Pol	193,152	0.04569939%	2,200,518	190,751	0.05206891%	2,560,745
Northwood Sd - (Sau 44)	344,552	0.08152034%	3,925,369	277,582	0.07577099%	3,726,412
Nottingham - Fire/Pol	127,539	0.03017548%	1,453,010	113,334	0.03093655%	1,521,457
Nottingham Sd - (Sau 44)	504,331	0.11932375%	5,745,680	404,265	0.11035140%	5,427,074
Orford - Emp/Pol	18,482	0.00437281%	210,560	28,086	0.00766658%	377,042
Ossipee - Emp/Pol	326,218	0.07718255%	3,716,496	301,168	0.08220922%	4,043,044
Oyster River Coop Sd	2,962,266	0.70086645%	33,748,138	2,385,792	0.65124480%	32,028,173
Pease Development Authority	384,843	0.09105312%	4,384,392	371,439	0.10139095%	4,986,400
Pelham - Emp/Fire/Pol	1,108,321	0.26222662%	12,626,743	950,598	0.25948281%	12,761,346
Pelham Sd - (Sau 28)	1,754,369	0.41508034%	19,986,959	1,412,060	0.38544715%	18,956,263
Pembroke - Emp/Pol	338,746	0.08014665%	3,859,223	293,473	0.08010873%	3,939,742
Pembroke Sd - (Sau 53)	1,734,615	0.41040658%	19,761,908	1,441,510	0.39348606%	19,351,616
Pemi Baker Coop - (Sau 48)	914,348	0.21633298%	10,416,871	743,362	0.20291402%	9,979,297
Penacook Boscawen Water Prcnct	2,068	0.00048928%	23,560	7,061	0.00192743%	94,791
Peterborough - Emp/Fire/Pol	583,986	0.13816997%	6,653,164	497,852	0.13589765%	6,683,437
Piermont Police	14,497	0.00342996%	165,160	13,073	0.00356851%	175,499
Piermont Sd - (Sau 23)	72,640	0.01718648%	827,564	60,126	0.01641247%	807,164
Pittsburg - Emp/Pol	30,903	0.00731159%	352,068	27,266	0.00744274%	366,033
Pittsburg Sd - (Sau 07)	145,160	0.03434458%	1,653,761	127,302	0.03474937%	1,708,972
Pittsfield - Emp/Fire/Pol	226,358	0.05355587%	2,578,824	234,622	0.06404429%	3,149,694
Pittsfield Sd - (Sau 51)	626,470	0.14822160%	7,137,170	544,995	0.14876618%	7,316,310
Plainfield - Emp/Pol	105,151	0.02487852%	1,197,951	93,374	0.02548811%	1,253,503
Plainfield Sd - Emp/Teach	284,318	0.06726909%	3,239,143	223,946	0.06113008%	3,006,373
Plaistow - Emp/Fire/Pol	544,831	0.12890597%	6,207,083	485,747	0.13259337%	6,520,932
Plaistow Public Library - Emp	15,821	0.00374322%	180,244	12,825	0.00350081%	172,170
Plymouth - Emp/Fire/Pol	595,363	0.14086174%	6,782,778	544,327	0.14858384%	7,307,343
Plymouth Sd - (Sau 48)	590,068	0.13960896%	6,722,454	497,095	0.13569101%	6,673,274
Plymouth Village Water & Sewer	67,807	0.01604301%	772,503	59,685	0.01629209%	801,244
Portsmouth - Emp/Fire/Pol	4,252,984	1.00624785%	48,452,871	3,776,439	1.03084688%	50,696,976
Portsmouth Housing Authority	156,389	0.03700134%	1,781,689	148,117	0.04043120%	1,988,404
Portsmouth Sd - Empl/Teacher	3,881,056	0.91825040%	44,215,615	3,086,295	0.84245968%	41,432,107
Portsmouth-Josie F. Prescott	0	0.00000000%	0	3,476	0.00094884%	46,664
Profile Coop Sd - (Sau 35)	366,132	0.08662613%	4,171,224	296,912	0.08104747%	3,985,909
Prospect Mountain High School	602,597	0.14257329%	6,865,193	496,580	0.13555043%	6,666,360
Raymond - Emp/Fire/Pol	541,028	0.12800619%	6,163,757	488,134	0.13324495%	6,552,977
Raymond Sd - Emp/Teach	1,386,877	0.32813244%	15,800,241	1,144,122	0.31230866%	15,359,318
Richmond-Pol	1,809	0.00042801%	20,610	-	0.00000000%	0
Rindge - Emp/Fire/Pol	224,334	0.05307699%	2,555,765	205,669	0.05614105%	2,761,013
Rivendell Interstate Sd	119,247	0.02821361%	1,358,542	92,897	0.02535791%	1,247,100
Rochester - Emp/Fire/Pol	2,479,438	0.58663027%	28,247,435	2,206,428	0.60228417%	29,620,292
Rockingham County-Emp/Pol/Fire	3,160,639	0.74780112%	36,008,138	2,989,878	0.81614093%	40,137,752
Rockingham Planning Comm - Emp	39,088	0.00924815%	445,317	35,835	0.00978181%	481,069
Rollinsford - Emp/Pol	74,353	0.01759178%	847,080	53,419	0.01458168%	717,126
Rollinsford Sd - (Sau 56)	188,176	0.04452208%	2,143,828	155,225	0.04237145%	2,083,825

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer	Proportionate	Net Pension	2017 Employer	Proportionate	Net Pension
	Contribution	Share	Liability Under Current Discount Rate	Contribution	Share	Liability Under Current Discount Rate
Rumney - Emp/Pol	\$ 45,407	0.01074321%	\$ 517,307	\$ 42,619	0.01163362%	\$ 572,141
Rumney Sd - (Sau 48) Emp/Teach	171,048	0.04046963%	1,948,695	132,855	0.03626516%	1,783,518
Rye - Emp/Fire/Pol	611,335	0.14464069%	6,964,742	500,339	0.13657652%	6,716,823
Rye Sd - (Sau 50)	723,769	0.17124236%	8,245,666	541,731	0.14787521%	7,272,492
Rye Water District - Emp	27,849	0.00658902%	317,275	25,014	0.00682802%	335,802
Salem - Emp/Fire/Pol	4,106,124	0.97150106%	46,779,743	3,566,426	0.97352006%	47,877,647
Salem Housing Authority - Emp	39,071	0.00924412%	445,123	30,622	0.00835883%	411,087
Salem Sd - Emp/Teach	4,398,198	1.04060520%	50,107,247	3,583,613	0.97821156%	48,108,374
Salisbury - Emp	5,535	0.00130957%	63,058	5,460	0.00149041%	73,298
Sanborn Regional Sd (Sau 17)	2,188,899	0.51788930%	24,937,418	1,835,350	0.50099176%	24,638,739
Sanbornton - Emp/Fire/Pol	180,512	0.04270879%	2,056,515	139,717	0.03813827%	1,875,637
Sanbornton Public Library	7,643	0.00180832%	87,074	7,262	0.00198229%	97,489
Sandown - Emp/Fire/Pol	199,617	0.04722900%	2,274,172	177,297	0.04839640%	2,380,131
Sandown Public Library	6,488	0.00153505%	73,916	4,358	0.00118959%	58,504
Sandwich - Police/Fire	36,447	0.00862329%	415,229	28,062	0.00766003%	376,720
Sau 02 - Emp/Teach	66,765	0.01579647%	760,632	62,864	0.01715986%	843,921
Sau 03 - Emp/Teach	1,343,106	0.31777630%	15,301,572	1,083,512	0.29576407%	14,545,656
Sau 06 - Emp	100,021	0.02366478%	1,139,507	99,036	0.02703366%	1,329,513
Sau 07 - Emp/Teach	59,438	0.01406292%	677,158	54,319	0.01482735%	729,208
Sau 09 - Emp/Teach	93,607	0.02214724%	1,066,434	85,167	0.02324786%	1,143,328
Sau 10 (Derry Coop Sd)	3,970,942	0.93951725%	45,239,657	3,205,246	0.87492949%	43,028,970
Sau 13 - Emp	50,153	0.01186610%	571,377	38,723	0.01057014%	519,839
Sau 15 - Emp/Teach	72,678	0.01719548%	827,997	66,981	0.01828367%	899,190
Sau 16 - Emp/Teach	163,756	0.03874436%	1,865,619	159,318	0.04348871%	2,138,772
Sau 18 - Emp/Teach	75,023	0.01775030%	854,713	133,638	0.03647889%	1,794,029
Sau 19 - Emp/Teach	137,164	0.03245274%	1,562,665	124,763	0.03405630%	1,674,886
Sau 20 - Emp	50,985	0.01206295%	580,855	47,513	0.01296953%	637,841
Sau 21 - Emp/Teach	95,169	0.02251680%	1,084,229	82,735	0.02258400%	1,110,680
Sau 23 - Emp/Teach	179,622	0.04249822%	2,046,375	153,968	0.04202833%	2,066,950
Sau 24 - Emp/Teach	158,957	0.03760892%	1,810,946	144,291	0.03938682%	1,937,041
Sau 28 - Emp	0	0.00000000%	0	-	0.00000000%	0
Sau 29 - Emp/Teach	228,304	0.05401629%	2,600,994	203,490	0.05554625%	2,731,761
Sau 34 - Emp/Teach	65,006	0.01538029%	740,592	62,134	0.01696059%	834,121
Sau 35 - Emp/Teach	82,271	0.01946516%	937,287	77,122	0.02105184%	1,035,328
Sau 39 - Emp	139,596	0.03302815%	1,590,372	137,038	0.03740698%	1,839,673
Sau 41 - Emp	91,095	0.02155290%	1,037,816	87,270	0.02382191%	1,171,560
Sau 42	11,451,846	2.70948478%	130,467,177	9,295,028	2.53724492%	124,781,523
Sau 43 - Emp/Teach	0	0.00000000%	0	-	0.00000000%	0
Sau 44 - Emp/Teach	178,227	0.04216817%	2,030,483	142,409	0.03887310%	1,911,776
Sau 46 - Emp	63,200	0.01495300%	720,017	71,726	0.01957890%	962,889
Sau 48 - Emp/Teach	114,334	0.02705120%	1,302,570	113,913	0.03109460%	1,529,230
Sau 50 - Emp/Teach	117,607	0.02782559%	1,339,858	97,946	0.02673612%	1,314,880
Sau 53 - Emp/Teach	343,809	0.08134455%	3,916,905	278,262	0.07595661%	3,735,541
Sau 54 (Rochester Sd)	4,563,055	1.07961005%	51,985,409	3,896,042	1.06349467%	52,302,592
Sau 55 - Emp	121,917	0.02884533%	1,388,961	120,976	0.03302257%	1,624,048
Sau 56 - Emp/Teach	97,684	0.02311185%	1,112,882	99,222	0.02708443%	1,332,010
Sau 58 - Emp	35,387	0.00837250%	403,153	35,455	0.00967808%	475,967
Sau 61 - Emp	0	0.00000000%	0	-	0.00000000%	0
Sau 64 - Emp/Teach	0	0.00000000%	0	37,999	0.01037251%	510,119
Sau 67 - Emp/Teachers	60,478	0.01430898%	689,006	54,327	0.01482953%	729,315

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under Current Discount Rate
Sau 70 - Emp	\$ 90,867	0.02149896%	\$ 1,035,218	\$ 100,079	0.02731836%	\$ 1,343,515
Sau 71 Emp/Teacher	0	0.00000000%	0	15,355	0.00419142%	206,134
Seabrook - Fire/Pol	1,294,305	0.30623008%	14,745,598	1,125,778	0.30730133%	15,113,057
Seabrook Sd (Sau 21)	935,307	0.22129184%	10,655,650	739,954	0.20198374%	9,933,546
Seacoast Charter Sch - Teach	94,776	0.02242382%	1,079,752	66,143	0.01805492%	887,940
Shaker Regional Sd - (Sau 80)	1,530,989	0.36222906%	17,442,062	1,227,291	0.33501113%	16,475,823
Shelburne - Emp	11,728	0.00277482%	133,613	10,332	0.00282031%	138,703
Somersworth - Emp/Fire/Pol	1,024,659	0.24243235%	11,673,608	917,982	0.25057968%	12,323,491
Somersworth Housing Authority	52,670	0.01246162%	600,052	52,900	0.01444001%	710,159
Somersworth Sd - (Sau 56)	1,618,372	0.38290371%	18,437,589	1,367,617	0.37331564%	18,359,636
Souhegan Coop Sd - (Sau 39)	1,225,197	0.28987926%	13,958,273	1,050,844	0.28684675%	14,107,103
South Hampton - Police	24,883	0.00588727%	283,484	21,632	0.00590484%	290,400
South Hampton Sd - (Sau 21)	104,481	0.02472000%	1,190,318	84,720	0.02312585%	1,137,328
Southern Nh Planning Comm	53,902	0.01275311%	614,088	68,411	0.01867401%	918,386
Springfield - Emp/Pol	45,657	0.01080236%	520,155	38,193	0.01042547%	512,724
Stark - Emp	3,691	0.00087328%	42,050	2,660	0.00072609%	35,709
Stark Sd - (Sau 58)	29,600	0.00700330%	337,223	23,883	0.00651929%	320,618
State Of New Hampshire	77,854,588	18.42024607%	886,972,137	72,661,387	19.83423125%	975,446,067
Stewartstown - Emp/Pol	3,849	0.00091067%	43,851	4,194	0.00114483%	56,303
Stewartstown Sd - (Sau 07)	67,261	0.01591382%	766,283	50,038	0.01365877%	671,737
Stoddard Sd - (Sau 24)	49,185	0.01163708%	560,349	38,343	0.01046641%	514,737
Strafford - Fire / Police	87,864	0.02078845%	1,001,006	82,713	0.02257800%	1,110,384
Strafford County - Emp/Pol	3,422,341	0.80971931%	38,989,624	2,865,974	0.78231910%	38,474,397
Strafford Sd (Sau 44)	444,291	0.10511840%	5,061,664	365,965	0.09989672%	4,912,914
Stratford - Emp	8,847	0.00209318%	100,791	8,249	0.00225171%	110,739
Stratford Sd - (Sau 58)	82,043	0.01941122%	934,690	64,556	0.01762172%	866,635
Stratham - Emp/Pol	378,160	0.08947193%	4,308,255	322,502	0.08803272%	4,329,443
Stratham Sd - (Sau 16)	710,660	0.16814079%	8,096,319	586,860	0.16019398%	7,878,328
Sugar Hill - Emp/Pol	46,217	0.01093485%	526,535	27,348	0.00746513%	367,135
Sullivan County - Emp/Pol	1,340,664	0.31719853%	15,273,751	1,281,129	0.34970718%	17,198,574
Sunapee - Emp/Pol	257,906	0.06102006%	2,938,239	239,553	0.06539030%	3,215,890
Sunapee Sd (Sau 85)- Emp/Teach	792,745	0.18756195%	9,031,488	651,168	0.17774801%	8,741,634
Surry Village Charter School	0	0.00000000%	0	-	0.00000000%	0
Sutton - Police	49,318	0.01166854%	561,864	41,254	0.01126102%	553,816
Swanzy - Police/Fire	220,458	0.05215994%	2,511,607	197,747	0.05397860%	2,654,664
Swnh District Fire Mutual Aid	140,342	0.03320465%	1,598,871	119,009	0.03248565%	1,597,642
Tamworth - Emp/Fire/Pol	87,666	0.02074161%	998,751	72,226	0.01971538%	969,601
Tamworth Sd - (Sau 13)	369,624	0.08745233%	4,211,007	301,008	0.08216554%	4,040,895
Thornton - Emp/Pol	116,507	0.02756533%	1,327,326	86,621	0.02364476%	1,162,848
Thornton Public Library	2,950	0.00069796%	33,608	2,358	0.00064366%	31,655
Thornton Sd - (Sau 48)	288,921	0.06835815%	3,291,583	217,216	0.05929301%	2,916,026
Tilton - Emp/Pol	371,708	0.08794540%	4,234,749	351,167	0.09585734%	4,714,257
Tilton-Northfield Fire Dist	263,181	0.06226812%	2,998,336	227,401	0.06207319%	3,052,755
Timberlane Reg Sd (Sau 55)	4,866,804	1.15147648%	55,445,923	4,007,708	1.09397591%	53,801,657
Troy - Emp/Pol	59,639	0.01411047%	679,448	66,745	0.01821925%	896,021
Troy Water And Sewer	14,754	0.00349077%	168,088	14,643	0.00399707%	196,576
Tuftonboro - Emp/Fire/Pol	161,244	0.03815002%	1,837,001	142,030	0.03876964%	1,906,688
Unity - Emp	13,152	0.00311174%	149,837	14,077	0.00384257%	188,977
Unity Sd - (Sau 06)	88,077	0.02083885%	1,003,433	68,989	0.01883179%	926,146
Village District Of Eastman	22,585	0.00534357%	257,304	21,018	0.00573724%	282,157

Schedule of Net Pension Liability by Employer

Entity	As of June 30, 2018			As of June 30, 2017		
	2018 Employer Contribution	Proportionate Share	Net Pension Liability Under	2017 Employer Contribution	Proportionate Share	Net Pension Liability Under
			Current Discount Rate			Current Discount Rate
Village District Of Eidelweiss	\$ 16,462	0.00389488%	\$ 187,546	\$ 14,424	0.00393729%	\$ 193,636
Virtual Learning Academy Chart	334,687	0.07918630%	3,812,981	270,172	0.07374830%	3,626,936
Wakefield - Emp/Fire/Pol	311,942	0.07380488%	3,553,854	267,513	0.07302248%	3,591,240
Wakefield Sd - (Sau 101)	439,167	0.10390607%	5,003,288	351,556	0.09596353%	4,719,480
Walpole - Emp/Pol	155,500	0.03679100%	1,771,561	135,816	0.03707342%	1,823,268
Warner - Emp/Pol	133,166	0.03150682%	1,517,117	117,622	0.03210704%	1,579,022
Warner Village Water District	12,490	0.00295511%	142,295	11,516	0.00314350%	154,597
Warren - Police	12,513	0.00296055%	142,556	5,567	0.00151961%	74,734
Warren Sd - (Sau 23)	95,167	0.02251633%	1,084,207	86,332	0.02356587%	1,158,968
Washington - Emp/Pol	45,453	0.01075409%	517,831	30,519	0.00833071%	409,704
Washington Sd - (Sau 34)	48,909	0.01157178%	557,205	39,186	0.01069652%	526,054
Waterville Estates Village Dis	38,424	0.00909104%	437,752	30,875	0.00842789%	414,483
Waterville Valley Emp/Fire/Pol	181,813	0.04301661%	2,071,337	171,494	0.04681237%	2,302,229
Waterville Valley Sd (Sau 48)	63,058	0.01491940%	718,399	46,175	0.01260430%	619,879
Weare - Emp/Pol	286,024	0.06767273%	3,258,579	248,666	0.06787785%	3,338,228
Weare Sd - (Sau 24)	828,656	0.19605842%	9,440,610	659,209	0.17994294%	8,849,581
Webster - Emp/Pol	30,492	0.00721435%	347,386	37,819	0.01032338%	507,703
Weeks Public Library	11,425	0.00270313%	130,161	10,828	0.00295570%	145,361
Wentworth Sd - (Sau 48)	80,793	0.01911547%	920,449	70,663	0.01928874%	948,619
Westmoreland - Emp	21,663	0.00512542%	246,799	22,477	0.00613550%	301,743
Westmoreland Sd - (Sau 29)	135,495	0.03205786%	1,543,651	106,879	0.02917454%	1,434,802
White Mtn Reg Sd - Emp/Teach	1,404,204	0.33223197%	15,997,642	1,139,228	0.31097275%	15,293,618
Whitefield - Emp/Pol/Fire	134,113	0.03173088%	1,527,906	117,235	0.03200140%	1,573,827
Wilmot - Emp/Pol	44,084	0.01043019%	502,235	40,418	0.01103282%	542,593
Wilton - Pol	117,553	0.02781281%	1,339,243	111,863	0.03053502%	1,501,710
Wilton-Lyndeborough (Sau 63)	732,472	0.17330147%	8,344,817	600,228	0.16384302%	8,057,788
Winchester - Emp/Pol	173,281	0.04099795%	1,974,134	156,337	0.04267499%	2,098,753
Winchester Sd - (Sau 94)	423,673	0.10024022%	4,826,769	336,180	0.09176637%	4,513,063
Windham - Emp/Fire/Pol	1,286,117	0.30429281%	14,652,315	1,162,737	0.31738996%	15,609,215
Windham Sd - (Sau 95)	3,165,098	0.74885611%	36,058,938	2,503,795	0.68345584%	33,612,309
Winnacunnet Coop Sd (Sau 21)	1,635,650	0.38699165%	18,634,431	1,313,060	0.35842332%	17,627,233
Winnisquam Reg Sd	1,607,399	0.38030752%	18,312,577	1,324,448	0.36153188%	17,780,112
Wolfeboro - Emp/Fire/Pol	826,191	0.19547520%	9,412,527	748,660	0.20436020%	10,050,420
Woodstock - Emp/Pol	129,541	0.03064915%	1,475,819	121,678	0.03321420%	1,633,472
Woodsville Fire District	44,180	0.01045290%	503,328	37,724	0.01029744%	506,427
Woodsville Water & Light Dept	42,394	0.01003034%	482,981	45,553	0.01243451%	611,528
Total for All Entities	\$ 422,657,698	100.0000%	\$ 4,815,202,417	\$ 366,343,349	100.0000%	\$ 4,917,992,831

Note: Totals may not add to NHRS collective amounts due to rounding.

The proportionate shares are based on actual employer contributions during the relevant fiscal year, as provided by the NHRS. Employer contributions do not include contributions required to separately finance specific liabilities of individual employers (the Town of Raymond), or the NHRS.

The Net Pension Liability is not an appropriate measure for measuring the sufficiency of plan assets to cover the estimated cost of settling the employer's benefit obligation.

The Net Pension Liability is not an appropriate measure for assessing the need for or amount of future employer contributions.

Schedule of Pension Amounts by Employer

Entity	Deferred Outflows of Resources						Deferred Inflows of Resources					Pension Expense		
	Proportionate Share	Net Pension Liability	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Proportionate Contributions and Share of Contributions	Total Employer Pension Expense
Albany - Emp	0.0011%	\$ 53,113	\$ 424	\$ 3,676	\$ 344	\$ 4,444	\$ (430)	\$ (1,229)	\$ -	\$ (5,562)	\$ (7,221)	\$ 5,277	\$ (1,325)	\$ 3,952
Alexandria - Emp/Pol	0.0112%	538,725	4,300	37,282	23,185	64,767	(4,362)	(12,467)	0	(35,696)	(52,525)	53,520	(2,986)	50,534
Allenstown - Emp/Fire/Pol	0.0636%	3,062,591	24,445	211,946	215,020	451,411	(24,798)	(70,871)	0	(16,460)	(112,129)	304,257	80,971	385,228
Allenstown Sd - (Sau 53)	0.0903%	4,349,360	34,716	300,997	220,264	555,977	(35,217)	(100,648)	0	(131,872)	(267,737)	432,092	19,271	451,363
Allenstown Sewer Commission	0.0000%	0	0	0	604	604	0	0	0	(369,524)	(369,524)	0	(115,246)	(115,246)
Alstead - Police	0.0063%	301,120	2,403	20,839	82,619	105,861	(2,438)	(6,968)	0	(28,476)	(37,882)	29,915	20,035	49,950
Alton - Emp/Fire/Pol	0.1002%	4,826,120	38,521	333,991	18,006	390,518	(39,077)	(111,681)	0	(418,890)	(569,648)	479,456	(108,598)	370,858
Alton Sd - Emp/Teach	0.1451%	6,984,998	55,753	483,396	33,592	572,741	(56,558)	(161,639)	0	(184,266)	(402,463)	693,933	(17,695)	676,238
Amherst - Fire/Pol	0.0918%	4,420,860	35,286	305,945	207,166	548,397	(35,796)	(102,303)	0	(122,513)	(260,612)	439,195	(4,695)	434,500
Amherst Sd - (Sau 39)	0.4275%	20,584,151	164,299	1,424,525	989,878	2,578,702	(166,671)	(476,335)	0	(464,704)	(1,107,710)	2,044,956	(67,410)	1,977,546
Andover - Police	0.0039%	187,432	1,496	12,971	13,329	27,796	(1,518)	(4,337)	0	(672)	(6,527)	18,621	4,548	23,169
Andover Sd - (Sau 46)	0.0580%	2,794,122	22,302	193,367	307,597	523,266	(22,624)	(64,658)	0	(28,972)	(116,254)	277,585	103,142	380,727
Androscoggin Valley Reg Refuse	0.0159%	764,665	6,103	52,919	31,351	90,373	(6,192)	(17,695)	0	(75,733)	(99,620)	75,967	(3,508)	72,459
Antrim - Emp/Pol	0.0373%	1,793,811	14,318	124,141	6,772	145,231	(14,525)	(41,510)	0	(190,347)	(246,382)	178,208	(46,464)	131,744
Ashland - Emp/Pol	0.0277%	1,335,324	10,658	92,411	21,646	124,715	(10,812)	(30,901)	0	(39,153)	(80,866)	132,659	4,364	137,023
Ashland Electric Dept - Emp	0.0077%	372,005	2,969	25,745	6,745	35,459	(3,012)	(8,609)	0	(33,578)	(45,199)	36,957	(10,592)	26,365
Ashland Sd - (Sau 02)	0.0515%	2,480,049	19,795	171,632	150,876	342,303	(20,081)	(57,390)	0	(40,613)	(118,084)	246,383	9,947	256,330
Atkinson - Emp/Police	0.0376%	1,810,900	14,454	125,323	150,833	290,610	(14,663)	(41,906)	0	(63,860)	(120,429)	179,906	59,755	239,661
Auburn - Emp/Fire/Pol	0.0580%	2,790,670	22,275	193,128	186,015	401,418	(22,596)	(64,579)	0	(124,130)	(211,305)	277,242	28,180	305,422
Auburn Sd - (Sau 15)	0.1289%	6,205,796	49,533	429,472	333,131	812,136	(50,249)	(143,608)	0	(24,099)	(217,956)	616,522	109,702	726,224
Baker Free Library - Emp	0.0000%	0	0	0	0	0	0	0	0	(131,538)	(131,538)	0	(36,454)	(36,454)
Barnstead - Emp/Fire/Pol	0.0474%	2,281,372	18,209	157,882	76,700	252,791	(18,472)	(52,793)	0	(66,236)	(137,501)	226,646	(27,910)	198,736
Barnstead Sd - Emp/Teach	0.1229%	5,918,199	47,238	409,569	89,195	546,002	(47,920)	(136,952)	0	(177,617)	(362,489)	587,950	6,939	594,889
Barrington - Emp/Pol/Fire	0.0793%	3,818,233	30,476	264,241	26,315	321,032	(30,916)	(88,357)	0	(263,836)	(383,109)	379,327	(69,934)	309,393
Barrington Sd - Emp/Teach	0.2533%	12,195,165	97,339	843,966	726,558	1,667,863	(98,745)	(282,207)	0	0	(380,952)	1,211,543	353,810	1,565,353
Bartlett - Fire/Pol	0.0129%	623,396	4,976	43,142	128,397	176,515	(5,048)	(14,426)	0	(96,483)	(115,957)	61,932	(374)	61,558
Bartlett Sd - (Sau 09)	0.0885%	4,260,724	34,008	294,863	306,296	635,167	(34,499)	(98,597)	0	(289,330)	(422,426)	423,287	(50,459)	372,828
Bath Sd - (Sau 23)	0.0184%	885,439	7,067	61,277	59,297	127,641	(7,169)	(20,490)	0	(12,016)	(39,675)	87,965	16,763	104,728
Bcep Solid Waste District	0.0079%	379,547	3,029	26,267	4,944	34,240	(3,073)	(8,783)	0	(133,743)	(145,599)	37,707	(46,590)	(8,883)
Bedford - Emp/Fire/Pol	0.4399%	21,182,836	169,077	1,465,957	882,401	2,517,435	(171,518)	(490,189)	0	(470,622)	(1,132,329)	2,104,433	188,647	2,293,080
Bedford Sd - Emp/Teach	1.0711%	51,576,150	411,671	3,569,325	5,115,438	9,096,434	(417,614)	(1,193,517)	0	0	(1,611,131)	5,123,892	1,662,492	6,786,384
Belknap County - Emp/Pol	0.2810%	13,531,537	108,006	936,449	128,609	1,173,064	(109,565)	(313,132)	0	(845,082)	(1,267,779)	1,344,306	(362,370)	981,936
Belknap County Conserv. Dist	0.0014%	66,510	531	4,603	0	5,134	(539)	(1,539)	0	(11,571)	(13,649)	6,608	(4,265)	2,343
Belmont - Emp/Fire/Pol	0.1401%	6,745,478	53,841	466,820	54,419	575,080	(54,618)	(156,096)	0	(381,213)	(591,927)	670,137	(56,683)	613,454
Bennington - Emp/Pol	0.0154%	743,383	5,934	51,446	27,689	85,069	(6,019)	(17,203)	0	(57,840)	(81,062)	73,852	(8,548)	65,304
Berlin - Emp/Fire/Pol	0.2514%	12,104,024	96,612	837,658	220,622	1,154,892	(98,007)	(280,098)	0	(1,210,884)	(1,588,989)	1,202,488	(217,793)	984,695
Berlin Housing Authority - Emp	0.0068%	326,491	2,606	22,595	5,121	30,322	(2,644)	(7,555)	0	(26,714)	(36,913)	32,436	(3,417)	29,019
Berlin Water Works - Emp	0.0160%	772,514	6,166	53,462	1,792	61,420	(6,255)	(17,877)	0	(251,942)	(275,779)	76,746	(84,180)	(7,434)
Bethlehem - Emp/Fir/Pol	0.0300%	1,443,965	11,525	99,929	58,939	170,393	(11,692)	(33,415)	0	(82,485)	(127,592)	143,452	(7,780)	135,672
Bethlehem Sd - (Sau 35)	0.0541%	2,606,246	20,803	180,365	206,502	407,670	(21,103)	(60,311)	0	(80,630)	(162,044)	258,920	37,044	295,964
Boscawen - Emp/Pol	0.0418%	2,010,796	16,050	139,157	161,527	316,734	(16,281)	(46,532)	0	(82,982)	(155,795)	199,765	(25,296)	225,061
Bow - Emp/Fire/Pol	0.1293%	6,227,647	49,708	430,984	105,716	586,408	(50,425)	(144,113)	0	(113,185)	(307,723)	618,693	(26,297)	592,396
Bow Sd - Emp/Teach (Sau 67)	0.4805%	23,137,056	184,675	1,601,199	1,299,864	3,085,738	(187,342)	(535,412)	0	(27,924)	(275,678)	2,298,578	428,626	2,727,204
Bradford - Police	0.0111%	532,391	4,249	36,844	22,502	63,595	(4,311)	(12,320)	0	(18,488)	(35,119)	52,891	1,493	54,384
Brentwood - Emp/Fire/Pol	0.0397%	1,913,172	15,271	132,401	111,861	259,533	(15,491)	(44,272)	0	(17,531)	(77,294)	190,066	68,679	258,745
Brentwood Sd - (Sau 16)	0.0754%	3,628,932	28,965	251,140	245,691	525,796	(29,384)	(83,977)	0	(140,589)	(253,950)	360,520	1,502	362,022
Bridgewater - Police/Fire	0.0000%	0	0	0	0	0	0	0	0	(29,012)	(29,012)	0	(24,433)	(24,433)
Bristol - Emp/Fire/Pol	0.0908%	4,372,931	34,904	302,628	283,614	621,146	(35,408)	(101,193)	0	(110,932)	(247,533)	434,434	30,569	465,003
Brookline - Emp/Fire/Pol	0.0572%	2,755,968	21,998	190,727	243,388	456,113	(22,315)	(63,776)	0	(75,149)	(161,240)	273,795	45,456	319,251
Brookline Public Library - Emp	0.0022%	104,220	832	7,213	23,340	31,385	(844)	(2,412)	0	(14,846)	(18,102)	10,354	3,786	14,140

Schedule of Pension Amounts by Employer

Entity	Deferred Outflows of Resources						Deferred Inflows of Resources						Pension Expense		
	Proportionate Share	Net Pension Liability	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Employer Pension Expense	
Groton - Emp/Pol	0.0055%	\$ 264,287	\$ 2,109	\$ 18,290	\$ 72,768	\$ 93,167	\$ (2,140)	\$ (6,116)	\$ -	\$ (16,053)	\$ (24,309)	\$ 26,256	\$ 34,836	\$ 61,092	
Grs Coop Sd - (Sau 20)	0.1003%	4,829,185	38,546	334,203	71,537	444,286	(39,102)	(111,752)	0	(25,879)	(176,733)	479,761	17,341	497,102	
Hampstead - Emp/Fire/Pol	0.0780%	3,753,932	29,963	259,791	109,612	399,366	(30,396)	(86,869)	0	(2,773)	(120,038)	372,939	49,506	422,445	
Hampstead Sd - (Sau 55)	0.2859%	13,767,446	109,889	952,775	803,820	1,866,484	(111,475)	(318,591)	0	(258,242)	(688,308)	1,367,743	161,672	1,529,415	
Hampton - Emp/Fire/Pol	0.5186%	24,969,272	199,300	1,727,997	111,970	2,039,267	(202,177)	(577,811)	0	(794,004)	(1,573,992)	2,480,601	(243,403)	2,237,198	
Hampton Falls - Emp/Fire/Pol	0.0256%	1,232,004	9,834	85,261	93,644	188,739	(9,976)	(28,510)	0	(100,001)	(138,487)	122,395	(16,484)	105,911	
Hampton Falls Sd - (Sau 21)	0.0960%	4,624,105	36,909	320,011	274,913	631,833	(37,442)	(107,006)	0	(94,642)	(239,090)	459,387	72,089	531,476	
Hampton Sd - (Sau 90)	0.3600%	17,334,937	138,364	1,199,663	892,988	2,231,015	(140,362)	(401,146)	0	(430,809)	(972,317)	1,722,159	91,374	1,813,533	
Hancock - Police	0.0112%	541,392	4,321	37,467	47,983	89,771	(4,384)	(12,528)	0	(20,477)	(37,389)	53,785	7,404	61,189	
Hanover - Emp/Fire/Pol	0.3715%	17,890,341	142,797	1,238,100	583,392	1,964,289	(144,859)	(413,998)	0	(293,693)	(852,550)	1,777,337	(60,009)	1,717,328	
Hanover Sd - (Sau 70)	0.1683%	8,105,707	64,698	560,955	657,203	1,282,856	(65,632)	(187,573)	0	(82,121)	(335,326)	805,271	242,842	1,048,113	
Harrisville - Police	0.0035%	169,409	1,352	11,724	6,332	19,408	(1,372)	(3,920)	0	(6,060)	(11,352)	16,830	1,844	18,674	
Harrisville Sd - (Sau 29)	0.0163%	784,192	6,259	54,270	51,660	112,189	(6,350)	(18,147)	0	(64,237)	(88,734)	77,906	4,981	82,887	
Haverhill - Emp/Pol	0.0361%	1,736,518	13,861	120,176	43,170	177,207	(14,061)	(40,185)	0	(260,969)	(315,215)	172,516	(42,954)	129,562	
Haverhill Coop Sd - (Sau 23)	0.1930%	9,292,471	74,171	643,085	219,597	936,853	(75,241)	(215,036)	0	(471,141)	(761,418)	923,171	(121,507)	801,664	
Hebron - Emp/Pol	0.0052%	249,067	1,988	17,237	8,266	27,491	(2,017)	(5,764)	0	(14,991)	(22,772)	24,744	389	25,133	
Henniker - Emp/Fire/Pol	0.0673%	3,242,265	25,879	224,381	18,801	269,061	(26,253)	(75,029)	0	(144,016)	(245,298)	322,107	(48,821)	273,286	
Henniker Sd - (Sau 24)	0.1151%	5,540,692	44,225	383,443	208,192	635,860	(44,863)	(128,216)	0	(30,749)	(203,828)	550,446	61,414	611,860	
Hill Sd - (Sau 103)	0.0122%	585,322	4,672	40,507	54,877	100,056	(4,739)	(13,545)	0	(39,411)	(57,695)	58,149	4,891	63,040	
Hillsboro-Deering Sd (Sau 34)	0.3387%	16,307,876	130,166	1,128,586	1,184,110	2,442,862	(132,045)	(377,379)	0	(148,960)	(658,384)	1,620,125	191,326	1,811,451	
Hillsborough - Fire/Pol	0.0707%	3,403,243	27,164	235,521	171,653	434,338	(27,556)	(78,754)	0	(19,505)	(125,815)	338,099	84,807	422,906	
Hillsborough County - Emp/Pol	0.9414%	45,332,451	361,835	3,137,230	481,565	3,980,630	(367,058)	(1,049,033)	0	(3,267,919)	(4,684,010)	4,503,605	(901,482)	3,602,123	
Hinsdale - Emp/Pol	0.0523%	2,517,052	20,091	174,192	201,124	395,407	(20,381)	(58,247)	0	(78,628)	(250,959)	250,059	82,760	332,819	
Hinsdale Sd - (Sau 92)	0.1684%	8,107,963	64,716	561,111	675,747	1,301,574	(65,650)	(187,625)	0	(39,759)	(293,034)	805,495	149,518	955,013	
Holderness - Emp/Fire/Pol	0.0298%	1,435,147	11,455	99,319	37,427	148,201	(11,620)	(33,211)	0	(116,523)	(161,354)	142,576	(23,193)	119,383	
Holderness Sd - (Sau 48)	0.0617%	2,969,524	23,702	205,506	209,023	438,231	(24,044)	(68,717)	0	(197,295)	(290,056)	295,011	(27,830)	267,181	
Hollis - Emp/Fire/Pol	0.1500%	7,222,114	57,645	499,806	96,253	653,704	(58,478)	(167,126)	0	(354,043)	(579,647)	717,489	(63,730)	653,759	
Hollis Sd - (Sau 41)	0.1920%	9,243,721	73,782	639,711	714,765	1,428,258	(74,847)	(213,908)	0	(11,154)	(299,909)	918,328	264,011	1,182,339	
Hollis-Brookline Coop (Sau 41)	0.3329%	16,028,584	127,937	1,109,257	1,323,674	2,560,868	(129,784)	(370,915)	0	0	(500,699)	1,592,378	495,073	2,087,451	
Hooksett - Emp/Fire/Police	0.3161%	15,219,636	121,480	1,053,274	115,579	1,290,333	(123,234)	(352,196)	0	(451,892)	(927,322)	1,512,012	(98,755)	1,413,257	
Hooksett Public Library - Emp	0.0086%	412,437	3,292	28,543	35,356	67,191	(3,340)	(9,544)	0	(15,719)	(28,603)	40,974	8,478	49,452	
Hooksett Sd - (Sau 15)	0.3061%	14,739,663	117,649	1,020,058	821,076	1,958,783	(119,348)	(341,089)	0	(283,526)	(743,963)	1,464,329	142,490	1,606,819	
Hooksett Sewer Commission	0.0091%	437,604	3,493	30,284	2,555	36,332	(3,543)	(10,127)	0	(18,034)	(31,704)	43,474	(3,900)	39,574	
Hooksett Village Water Precinct	0.0086%	412,495	3,292	28,547	67,551	99,390	(3,340)	(9,545)	0	(8,198)	(21,083)	40,980	27,202	68,182	
Hopkinton - Emp/Fire/Pol	0.0897%	4,318,565	34,470	298,866	89,924	423,260	(34,968)	(99,935)	0	(187,380)	(322,283)	429,033	(24,568)	404,465	
Hopkinton Sd - Emp/Teach	0.2916%	14,038,762	112,055	971,552	661,410	1,745,017	(113,672)	(324,869)	0	(441,050)	(879,591)	1,394,697	52,397	1,447,094	
Hudson - Emp/Fire/Pol	0.5646%	27,186,868	217,000	1,881,466	627,471	2,725,937	(220,133)	(629,128)	0	(603,836)	(1,453,097)	2,700,911	(19,805)	2,681,106	
Hudson Sd - Emp/Teach	0.7977%	38,409,155	306,574	2,658,103	2,212,242	5,176,919	(311,000)	(888,821)	0	(428,546)	(1,628,367)	3,815,802	334,228	4,150,030	
Inter-Lakes Sd - (Sau 02)	0.3937%	18,955,978	151,303	1,311,847	1,167,252	2,630,402	(153,487)	(438,658)	0	(592,145)	(1,883,203)	1,883,203	443,392	2,326,595	
Jackson - Emp/Pol/Fire	0.0142%	685,007	5,468	47,406	20,138	73,012	(5,547)	(15,852)	0	(117,977)	(139,376)	68,053	(21,106)	46,947	
Jackson Sd - (Sau 09)	0.0180%	868,897	6,935	60,132	99,937	167,004	(7,035)	(20,107)	0	(5,350)	(32,492)	86,322	27,633	113,955	
Jaffrey - Emp/Fire/Pol	0.1010%	4,862,690	38,813	336,522	95,329	470,664	(39,373)	(112,527)	0	(214,527)	(366,427)	483,090	(37,986)	445,104	
Jaffrey-Rindge Coop Sd	0.3957%	19,054,422	152,089	1,318,660	626,614	2,097,363	(154,284)	(440,936)	0	(404,004)	(999,224)	1,892,984	(48,062)	1,844,922	
Jefferson - Emp	0.0027%	131,699	1,051	9,114	4,989	15,154	(1,066)	(3,048)	0	(12,996)	(17,110)	13,084	(2,247)	10,837	
John Stark Reg Sd - (Sau 24)	0.2102%	10,122,610	80,797	700,535	220,885	1,002,217	(81,963)	(234,246)	0	(299,168)	(615,377)	1,005,642	(125,339)	880,303	
Kearsarge Reg Coop Sd	0.5780%	27,833,197	222,159	1,926,195	1,613,321	3,761,675	(225,366)	(644,085)	0	(188,154)	(1,057,605)	2,765,121	495,363	3,260,484	
Keene - Emp/Fire/Pol	0.7106%	34,215,044	273,098	2,367,850	217,395	2,858,343	(277,040)	(791,766)	0	(2,148,495)	(3,217,301)	3,399,133	(720,493)	2,678,640	
Keene Sd - (Sau 29)	0.9041%	43,532,966	347,471	3,012,696	1,712,723	5,072,890	(352,488)	(1,007,391)	0	(1,785,013)	(3,144,892)	4,324,833	(285,401)	4,039,432	
Kensington - Police	0.0159%	764,688	6,104	52,920	72,502	131,526	(6,192)	(17,696)	0	(26,132)	(50,020)	75,969	6,380	82,349	
Kensington Sd - (Sau 16)	0.0373%	1,796,500	14,339	124,327	25,468	164,134	(14,546)	(41,573)	0	(109,275)	(165,394)	178,475	(71,989)	106,486	

Schedule of Pension Amounts by Employer

Entity	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense			
	Proportionate Share	Net Pension Liability	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Resources	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Resources	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Share of Resources	Total Employer Pension Expense
Merrimack Valley Sd (Sau 46)	0.6397%	\$ 30,801,685	\$ 245,853	\$ 2,131,629	\$ 2,458,564	\$ 4,836,046	\$ (249,402)	\$ (712,778)	\$ -	\$ (771,944)	\$ (1,734,124)	\$ 3,060,029	\$ 598,694	\$ 3,658,723
Merrimack Village District	0.0228%	1,097,969	8,764	75,985	10,782	95,531	(8,890)	(25,408)	0	(27,100)	(61,398)	109,079	(6,770)	102,309
Middleton - Police	0.0140%	673,569	5,376	46,614	10,484	62,474	(5,454)	(15,587)	0	(63,596)	(84,637)	66,917	(34,086)	32,831
Middleton Sd - Emp/Teach	0.0269%	1,296,543	10,349	89,727	747,564	847,640	(10,498)	(30,003)	0	0	(40,501)	128,807	239,731	368,538
Milan Sd - (Sau 20)	0.0187%	900,272	7,186	62,303	81,986	151,475	(7,290)	(20,833)	0	(48,931)	(77,054)	89,439	(676)	88,763
Milford - Emp/Fire/Pol	0.2339%	11,261,103	89,884	779,324	224,977	1,094,185	(91,182)	(260,592)	0	(628,157)	(979,931)	1,118,747	(65,794)	1,052,953
Milford Area Communication Ctr	0.0083%	399,518	3,189	27,649	6,344	37,182	(3,235)	(9,245)	0	(36,071)	(48,551)	39,691	(3,321)	36,370
Milford Sd - Emp/Teacher	0.6319%	30,425,885	242,853	2,105,622	1,414,624	3,763,099	(246,359)	(704,082)	0	(650,364)	(1,600,805)	3,022,695	83,016	3,105,711
Milton - Emp/Fire/Pol	0.0548%	2,639,102	21,065	182,639	94,949	298,653	(21,369)	(61,071)	0	(84,462)	(166,902)	262,185	24,908	287,093
Milton Sd - (Sau 64)	0.1492%	7,182,536	57,330	497,067	485,771	1,040,168	(58,157)	(166,210)	0	(178,623)	(402,990)	713,557	10,757	724,314
Monadnock Reg Sd - (Sau 93)	0.4837%	23,292,771	185,918	1,611,975	358,850	2,156,743	(188,602)	(539,015)	0	(1,084,803)	(1,812,420)	2,314,047	(616,991)	1,697,056
Monroe - Emp	0.0025%	119,988	958	8,304	4,381	13,643	(972)	(2,777)	0	(10,700)	(14,449)	11,920	(1,736)	10,184
Monroe Sd - Emp/Tch	0.0357%	1,721,183	13,738	119,114	284,795	417,647	(13,936)	(39,830)	0	(35,542)	(69,308)	170,993	65,753	236,746
Mont Vernon - Emp/Pol	0.0210%	1,012,308	8,080	70,057	27,846	105,983	(8,197)	(23,426)	0	(15,741)	(47,364)	100,569	9,862	110,431
Mont Vernon Sd - (Sau 39)	0.0471%	2,269,968	18,118	157,093	278,930	454,141	(18,380)	(52,529)	0	(97,946)	(168,855)	225,513	20,572	246,085
Moultonborough - Emp/Fire/Pol	0.1059%	5,097,072	40,684	352,743	3,127	396,554	(41,271)	(117,951)	0	(366,405)	(525,627)	506,374	(164,798)	341,576
Moultonborough Sd - Emp/Teach	0.2218%	10,680,782	85,252	739,163	156,577	980,992	(86,483)	(247,163)	0	(260,738)	(594,384)	1,061,095	(120,572)	940,523
Nashua - Emp/Fire/Pol	2.3775%	114,479,697	913,754	7,922,561	1,287,633	10,123,948	(926,646)	(2,649,160)	0	(2,454,494)	(6,030,600)	11,373,117	114,525	11,487,642
Nashua Airport Authority - Emp	0.0062%	300,288	2,397	20,781	53,504	76,682	(2,431)	(6,949)	0	(71,160)	(80,540)	29,832	(32,806)	(2,974)
Nashua Housing Redevelop Auth	0.0326%	1,568,623	12,520	108,556	64,542	185,618	(12,701)	(36,299)	0	(119,635)	(168,635)	155,837	(4,550)	151,287
Ne Interstate Water Pol Cntrl	0.0024%	116,855	933	8,087	3,026	12,046	(946)	(2,704)	0	(102,618)	(106,268)	11,609	(27,912)	(16,303)
Nelson - Emp	0.0044%	212,075	1,693	14,677	4,175	20,545	(1,717)	(4,908)	0	(16,035)	(22,660)	21,069	(5,591)	15,478
Nelson Sd - (Sau 29)	0.0130%	626,928	5,004	43,387	94,754	143,145	(5,076)	(14,508)	0	(25,184)	(44,768)	62,283	43,652	105,935
New Boston - Police	0.0287%	1,383,572	11,043	95,750	237,904	344,697	(11,203)	(32,017)	0	(15,529)	(58,749)	137,453	58,613	196,066
New Boston Sd - (Sau 19)	0.1227%	5,906,670	47,146	408,771	316,569	772,486	(47,826)	(136,686)	0	(35,104)	(219,616)	586,805	84,442	671,247
New Castle - Emp/Fire/Pol	0.0325%	1,563,679	12,481	108,214	53,479	174,174	(12,661)	(36,185)	0	(40,381)	(89,227)	155,346	12,904	168,250
New Castle Sd - (Sau 50)	0.0185%	891,864	7,119	61,721	197,717	266,557	(7,221)	(20,639)	0	(90,059)	(117,919)	88,603	27,889	116,492
New Durham - Emp/Pol	0.0265%	1,274,157	10,170	88,178	65,319	163,667	(10,317)	(29,485)	0	(219,061)	(258,863)	126,583	(70,560)	56,023
New Hampton - Emp/Pol/Fire	0.0283%	1,363,339	10,882	94,350	24,372	129,604	(11,039)	(31,549)	0	(96,753)	(139,341)	135,442	(2,892)	132,550
New Ipswich - Emp/Pol	0.0301%	1,447,679	11,555	100,187	49,198	160,940	(11,722)	(33,501)	0	(229,600)	(274,823)	143,821	(39,338)	104,483
New London - Emp/Fire/Pol	0.0810%	3,901,194	31,139	269,982	111,173	412,294	(31,588)	(90,277)	0	(176,145)	(298,101)	387,569	(24,504)	363,065
New London-Springfield Wtr Sys	0.0042%	201,240	1,606	13,927	3,991	19,524	(1,629)	(4,657)	0	(17,759)	(24,045)	19,992	(5,407)	14,585
Newbury - Police	0.0135%	650,875	5,195	45,044	10,997	61,236	(5,270)	(15,062)	0	(116,344)	(136,676)	64,662	(25,215)	39,447
Newfields - Emp/Pol	0.0128%	614,817	4,907	42,548	31,005	78,460	(4,978)	(14,227)	0	(163,481)	(182,686)	61,080	(30,843)	30,237
Newfields Sd - (Sau 16)	0.0362%	1,744,390	13,923	120,720	160,131	294,774	(14,124)	(40,367)	0	(8,728)	(63,219)	173,298	45,547	218,845
Newfound Area Sd - Emp/Teach	0.3582%	17,247,020	137,662	1,193,579	309,455	1,640,696	(139,650)	(399,111)	0	(306,233)	(844,994)	1,713,425	(40,850)	1,672,575
Newington - Emp/Fire/Pol	0.0970%	4,671,464	37,287	323,288	0	360,575	(37,825)	(108,102)	0	(273,581)	(419,508)	464,092	(18,183)	345,909
Newington Sd - (Sau 50)	0.0200%	962,841	7,685	66,633	74,973	149,291	(7,796)	(22,281)	0	(18,478)	(48,555)	95,655	19,336	114,991
Newmarket - Emp/Pol/Fire	0.1174%	5,654,926	45,136	391,349	39,266	475,751	(45,788)	(130,860)	0	(89,906)	(266,554)	561,795	4,200	565,995
Newmarket Sd - Emp/Teach	0.2843%	13,689,326	109,265	947,369	322,794	1,379,428	(110,843)	(316,783)	0	(509,851)	(937,477)	1,359,982	58,120	1,418,102
Newport - Emp/Fire/Pol	0.1244%	5,989,130	47,804	414,477	96,009	558,290	(48,494)	(138,594)	0	(439,698)	(626,786)	594,997	(131,958)	463,039
Newport Sd - (Sau 43)	0.2348%	11,306,468	90,266	782,463	608,788	1,481,497	(91,549)	(261,642)	0	(374,324)	(727,515)	1,123,254	(111,927)	1,011,327
Newton - Emp/Pol	0.0330%	1,590,623	12,696	110,079	351,766	474,541	(12,879)	(36,808)	0	(393,731)	(443,418)	158,022	33,378	191,400
Next Charter School	0.0120%	577,745	4,611	39,983	201,003	245,597	(4,678)	(13,370)	0	0	(18,048)	57,397	99,635	157,032
Nh Community Developmental Fin	0.0021%	101,258	808	7,008	1,234	9,050	(820)	(2,343)	0	(34,922)	(38,085)	10,060	(20,220)	(10,160)
Nh Land & Community Heritage	0.0026%	126,322	1,008	8,742	28,749	38,499	(1,023)	(2,923)	0	(18,108)	(22,054)	12,550	7,819	20,369
Nh Municipal Bond Bank - Emp	0.0052%	253,459	2,007	17,402	125,973	145,382	(2,036)	(5,819)	0	(169,488)	(177,343)	24,981	(3,007)	21,974
Nh Retirement System	0.0000%	0	0	0	0	0	0	0	0	0	0	0	0	0
North Conway Wtr Prct&Fire Dep	0.0277%	1,332,715	10,637	92,230	71,559	174,426	(10,791)	(30,840)	0	(119,210)	(160,841)	132,400	(24,501)	107,899
North Country Charter Academy	0.0077%	368,394	2,940	25,495	24,552	52,987	(2,983)	(8,525)	0	(51,096)	(62,604)	36,599	(16,485)	20,114

Schedule of Pension Amounts by Employer

Entity	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense			
	Proportionate Share	Net Pension Liability	Differences Between Expected and Actual Experience	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes of Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Employer Pension Expense
Rumney - Emp/Pol	0.0107%	\$ 517,307	\$ 4,129	\$ 35,800	\$ 34,170	\$ 74,099	\$ (4,189)	\$ (11,971)	\$ -	\$ (75,149)	\$ (91,309)	\$ 51,392	\$ (22,662)	\$ 28,730
Rumney Sd - (Sau 48) Emp/Teach	0.0405%	1,948,695	15,554	134,859	459,079	609,492	(15,779)	(45,094)	0	(12,438)	(73,311)	193,595	164,153	357,748
Rye - Emp/Fire/Pol	0.1446%	6,964,742	55,591	481,995	300,323	837,909	(56,394)	(161,170)	0	(157,299)	(374,863)	691,920	(18,750)	673,170
Rye Sd - (Sau 50)	0.1712%	8,245,666	65,815	570,641	850,061	1,486,517	(66,765)	(190,812)	0	(286,415)	(543,992)	819,175	131,351	950,526
Rye Water District - Emp	0.0066%	317,275	2,532	21,957	31,294	55,783	(2,569)	(7,342)	0	(35,210)	(45,121)	31,520	(7,427)	24,093
Salem - Emp/Fire/Pol	0.9715%	46,779,743	373,387	3,237,389	223,254	3,834,030	(378,777)	(1,082,524)	0	(808,715)	(2,270,016)	4,647,387	62,586	4,709,973
Salem Housing Authority - Emp	0.0092%	445,123	3,553	30,805	36,942	71,300	(3,604)	(10,301)	0	(11,881)	(25,786)	44,221	(6,295)	37,926
Salem Sd - Emp/Teach	1.0406%	50,107,247	399,946	3,467,669	2,393,419	6,261,034	(405,720)	(1,159,526)	0	(367,478)	(1,932,724)	4,977,962	657,453	5,635,415
Salisbury - Emp	0.0013%	63,058	503	4,364	801	5,668	(511)	(1,459)	0	(7,333)	(9,303)	6,265	(1,983)	4,282
Sanborn Regional Sd (Sau 17)	0.5179%	24,937,418	199,046	1,725,793	865,602	2,790,441	(201,919)	(577,074)	0	(582,661)	(1,361,654)	2,477,437	178,267	2,655,704
Sanbornton - Emp/Fire/Pol	0.0427%	2,056,515	16,415	142,321	183,758	342,494	(16,652)	(47,590)	0	(53,618)	(117,860)	204,307	44,041	248,348
Sanbornton Public Library	0.0018%	87,074	695	6,026	8,616	15,337	(705)	(2,015)	0	(8,445)	(11,165)	8,650	6,701	15,351
Sandown - Emp/Fire/Pol	0.0472%	2,274,172	18,152	157,384	139,361	314,897	(18,414)	(52,626)	0	(41,867)	(112,907)	225,930	54,284	280,214
Sandown Public Library	0.0015%	73,916	590	5,115	19,085	24,790	(598)	(1,710)	0	(15,976)	(18,284)	7,343	(3,745)	3,598
Sandwich - Police/Fire	0.0086%	415,229	3,314	28,736	36,111	68,161	(3,362)	(9,609)	0	(6,659)	(19,630)	41,251	9,018	50,269
Sau 02 - Emp/Teach	0.0158%	760,632	6,071	52,639	8,944	67,654	(6,159)	(17,602)	0	(54,612)	(78,373)	75,566	(12,830)	62,736
Sau 03 - Emp/Teach	0.3178%	15,301,572	122,134	1,058,944	837,202	2,018,280	(123,897)	(354,092)	0	(433,547)	(911,536)	1,520,152	114,826	1,634,978
Sau 06 - Emp	0.0237%	1,139,507	9,095	78,860	49,647	137,602	(9,227)	(26,369)	0	(164,246)	(199,842)	113,206	(47,779)	65,427
Sau 07 - Emp/Teach	0.0141%	677,158	5,405	46,863	88,509	140,777	(5,483)	(15,670)	0	(30,066)	(51,219)	67,273	24,648	91,921
Sau 09 - Emp/Teach	0.0221%	1,066,434	8,512	73,803	58,073	140,388	(8,635)	(24,678)	0	(71,121)	(104,434)	105,946	(20,015)	85,931
Sau 10 (Derry Coop Sd)	0.9395%	45,239,657	361,094	3,130,808	2,543,966	6,035,868	(366,307)	(1,046,885)	0	(734,015)	(2,147,207)	4,494,386	485,532	4,979,918
Sau 13 - Emp	0.0119%	571,377	4,561	39,542	82,479	126,582	(4,626)	(13,222)	0	(51,565)	(69,413)	56,764	16,769	73,533
Sau 15 - Emp/Teach	0.0172%	827,997	6,609	57,301	30,225	94,135	(6,704)	(19,161)	0	(45,807)	(71,672)	82,258	(10,072)	72,186
Sau 16 - Emp/Teach	0.0387%	1,865,619	14,891	129,110	20,451	164,452	(15,106)	(43,172)	0	(412,188)	(470,466)	185,342	(143,861)	41,481
Sau 18 - Emp/Teach	0.0178%	854,713	6,822	59,150	78,714	144,686	(6,921)	(19,779)	0	(715,553)	(742,253)	84,912	(205,581)	(120,669)
Sau 19 - Emp/Teach	0.0325%	1,562,665	12,473	108,144	167,394	288,011	(12,653)	(36,161)	0	(98,988)	(147,802)	155,245	(20,487)	134,758
Sau 20 - Emp	0.0121%	580,855	4,636	40,198	8,256	53,090	(4,703)	(13,442)	0	(57,412)	(75,557)	57,706	(22,693)	35,013
Sau 21 - Emp/Teach	0.0225%	1,084,229	8,654	75,034	3,313	87,001	(8,779)	(25,090)	0	(63,472)	(97,341)	107,714	(20,332)	87,382
Sau 23 - Emp/Teach	0.0425%	2,046,375	16,334	141,619	132,871	290,824	(16,570)	(47,355)	0	(28,401)	(92,326)	203,300	42,728	246,028
Sau 24 - Emp/Teach	0.0376%	1,810,946	14,455	125,326	162,454	302,235	(14,663)	(41,907)	0	(63,762)	(120,332)	179,910	80,158	260,068
Sau 28 - Emp	0.0000%	0	0	0	0	0	0	0	0	(101,457)	(101,457)	0	(166,980)	(166,980)
Sau 29 - Emp/Teach	0.0540%	2,600,994	20,761	180,002	79,169	279,932	(21,060)	(60,189)	0	(85,287)	(166,536)	258,399	(25,102)	233,297
Sau 34 - Emp/Teach	0.0154%	740,592	5,911	51,253	12,296	69,460	(5,997)	(17,138)	0	(102,919)	(126,054)	73,575	(37,388)	36,187
Sau 35 - Emp/Teach	0.0195%	937,287	7,481	64,865	3,036	75,382	(7,589)	(21,690)	0	(74,911)	(104,190)	93,116	(23,650)	69,466
Sau 39 - Emp	0.0330%	1,590,372	12,694	110,062	0	122,756	(12,877)	(36,803)	0	(219,755)	(269,435)	157,997	(87,860)	70,137
Sau 41 - Emp	0.0216%	1,037,816	8,284	71,822	51,253	131,359	(8,403)	(24,016)	0	(131,303)	(163,722)	103,103	(33,942)	69,161
Sau 42	2.7095%	130,467,177	1,041,363	9,028,974	6,967,234	17,037,571	(1,056,397)	(3,019,125)	0	(1,500,522)	(5,576,044)	12,961,412	1,852,502	14,813,914
Sau 43 - Emp/Teach	0.0000%	0	0	0	11,055	11,055	0	0	0	(393,510)	(393,510)	0	(124,694)	(124,694)
Sau 44 - Emp/Teach	0.0422%	2,030,483	16,207	140,519	225,329	382,055	(16,441)	(46,987)	0	(6,597)	(70,025)	201,721	80,132	281,853
Sau 46 - Emp	0.0150%	720,017	5,747	49,829	97,579	153,155	(5,830)	(16,662)	0	(167,794)	(190,286)	71,531	5,035	76,566
Sau 48 - Emp/Teach	0.0271%	1,302,570	10,397	90,144	31,286	131,827	(10,547)	(30,143)	0	(161,125)	(201,815)	129,405	(18,759)	110,646
Sau 50 - Emp/Teach	0.0278%	1,339,858	10,694	92,725	138,623	242,042	(10,849)	(31,005)	0	(15,135)	(56,989)	133,110	25,756	158,866
Sau 53 - Emp/Teach	0.0813%	3,916,905	31,264	271,069	218,218	520,551	(31,715)	(90,641)	0	(192,210)	(314,566)	389,129	2,029	391,158
Sau 54 (Rochester Sd)	1.0796%	51,985,409	414,937	3,597,647	1,811,364	5,823,948	(420,928)	(1,202,988)	0	(543,332)	(2,167,248)	5,164,550	405,519	5,570,069
Sau 55 - Emp	0.0288%	1,388,961	11,086	96,123	163,932	271,141	(11,246)	(32,142)	0	(157,133)	(200,521)	137,988	20,110	158,098
Sau 56 - Emp/Teach	0.0231%	1,112,882	8,883	77,017	35,397	121,297	(9,011)	(25,753)	0	(204,061)	(238,825)	110,561	(54,954)	55,607
Sau 58 - Emp	0.0084%	403,153	3,218	27,900	83,157	114,275	(3,264)	(9,329)	0	(97,780)	(110,373)	40,052	2,619	42,671
Sau 61 - Emp	0.0000%	0	0	0	1,787	1,787	0	0	0	(445,457)	(445,457)	0	(153,224)	(153,224)
Sau 64 - Emp/Teach	0.0000%	0	0	0	0	0	0	0	0	(764,294)	(764,294)	0	(250,034)	(250,034)
Sau 67 - Emp/Teachers	0.0143%	689,006	5,500	47,683	171,358	224,541	(5,579)	(15,944)	0	(32,440)	(53,963)	68,450	111,137	179,587

Schedule of Pension Amounts by Employer

Entity	Deferred Outflows of Resources					Deferred Inflows of Resources					Pension Expense			
	Proportionate Share	Net Pension Liability	Differences Between Expected and Actual Experience	Changes in Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Changes in Assumptions	Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Share of Contributions	Total Employer Pension Expense
Village District Of Eidelweiss	0.0039%	\$ 187,546	\$ 1,497	\$ 12,979	\$ 60,874	\$ 75,350	\$ (1,519)	\$ (4,340)	\$ -	\$ (2,791)	\$ (8,650)	\$ 18,632	\$ 21,257	\$ 39,889
Virtual Learning Academy Chart	0.0792%	3,812,981	30,434	263,877	617,192	911,503	(30,874)	(88,236)	0	0	(119,110)	378,805	329,629	708,434
Wakefield - Emp/Fire/Pol	0.0738%	3,553,854	28,366	245,944	55,946	330,256	(28,776)	(82,239)	0	(36,669)	(147,684)	353,062	13,868	366,930
Wakefield Sd - (Sau 101)	0.1039%	5,003,288	39,935	346,252	376,815	763,002	(40,512)	(115,780)	0	(64,581)	(220,873)	497,057	97,834	594,891
Walpole - Emp/Pol	0.0368%	1,771,561	14,140	122,601	165,263	302,004	(14,344)	(40,995)	0	(16,393)	(71,732)	175,998	57,228	233,226
Warner - Emp/Pol	0.0315%	1,517,117	12,109	104,992	86,578	203,679	(12,284)	(35,107)	0	(56,501)	(103,892)	150,720	4,542	155,262
Warner Village Water District	0.0030%	142,295	1,136	9,847	15,892	26,875	(1,152)	(3,293)	0	(15,138)	(19,583)	14,136	(1,831)	12,305
Warren - Police	0.0030%	142,556	1,138	9,866	91,570	102,574	(1,154)	(3,299)	0	0	(4,453)	14,162	27,070	41,232
Warren Sd - (Sau 23)	0.0225%	1,084,207	8,654	75,032	73,154	156,840	(8,779)	(25,089)	0	(84,125)	(117,993)	107,712	10,312	118,024
Washington - Emp/Pol	0.0108%	517,831	4,133	35,836	88,497	128,466	(4,193)	(11,983)	0	(70,890)	(87,066)	51,445	(5,376)	46,069
Washington Sd - (Sau 34)	0.0116%	557,205	4,447	38,561	56,124	99,132	(4,512)	(12,894)	0	(12,512)	(29,918)	55,356	472	55,828
Waterville Estates Village Dis	0.0091%	437,752	3,494	30,295	48,017	81,806	(3,544)	(10,130)	0	(22,326)	(36,000)	43,489	(5,643)	37,846
Waterville Valley Emp/Fire/Pol	0.0430%	2,071,337	16,533	143,347	32,941	192,821	(16,772)	(47,933)	0	(151,351)	(216,056)	205,779	(36,732)	169,047
Waterville Valley Sd (Sau 48)	0.0149%	718,399	5,734	49,717	108,639	164,090	(5,817)	(16,624)	0	(52,973)	(75,414)	71,370	27,054	98,424
Weare - Emp/Pol	0.0677%	3,258,579	26,009	225,510	0	251,519	(26,385)	(75,406)	0	(225,194)	(326,985)	323,727	(125,538)	198,189
Weare Sd - (Sau 24)	0.1961%	9,440,610	75,353	653,337	822,602	1,551,292	(76,441)	(218,464)	0	0	(294,905)	937,888	313,561	1,251,449
Webster - Emp/Pol	0.0072%	347,386	2,773	24,041	10,236	37,050	(2,813)	(8,039)	0	(113,402)	(124,254)	34,511	(20,829)	13,682
Weeks Public Library	0.0027%	130,161	1,039	9,008	4,435	14,482	(1,054)	(3,012)	0	(13,238)	(17,304)	12,931	(3,128)	9,803
Wentworth Sd - (Sau 48)	0.0191%	920,449	7,347	63,700	177,450	248,497	(7,453)	(21,300)	0	(39,367)	(68,120)	91,443	61,207	152,650
Westmoreland - Emp	0.0051%	246,799	1,970	17,080	15,904	34,954	(1,998)	(5,711)	0	(44,001)	(51,710)	24,519	(6,290)	18,229
Westmoreland Sd - (Sau 29)	0.0321%	1,543,651	12,321	106,828	127,867	247,016	(12,499)	(35,721)	0	(27,251)	(75,471)	153,356	34,855	188,211
White Mtn Reg Sd - Emp/Teach	0.3322%	15,997,642	127,690	1,107,116	1,029,540	2,264,346	(129,533)	(370,199)	0	(37,518)	(537,250)	1,589,304	355,569	1,944,873
Whitefield - Emp/Pol/Fire	0.0317%	1,527,906	12,195	105,739	275	118,209	(12,372)	(35,357)	0	(57,897)	(105,626)	151,792	(23,508)	128,284
Wilmot - Emp/Pol	0.0104%	502,235	4,009	34,757	14,740	53,506	(4,067)	(11,622)	0	(25,241)	(40,930)	49,895	(5,002)	44,893
Wilton - Pol	0.0278%	1,339,243	10,690	92,682	67,637	171,009	(10,844)	(30,991)	0	(139,999)	(181,834)	133,049	7,761	140,810
Wilton-Lyndeborough (Sau 63)	0.1733%	8,344,817	66,607	577,503	405,736	1,049,846	(67,568)	(193,106)	0	(186,441)	(447,115)	829,025	104,357	933,382
Winchester - Emp/Pol	0.0410%	1,974,134	15,757	136,620	24,607	176,984	(15,985)	(45,683)	0	(106,521)	(168,189)	196,123	(19,406)	176,717
Winchester Sd - (Sau 94)	0.1002%	4,826,769	38,526	334,036	337,041	709,603	(39,083)	(111,696)	0	(151,110)	(301,889)	479,521	48,215	527,736
Windham - Emp/Fire/Pol	0.3043%	14,652,315	116,952	1,014,013	100,825	1,231,790	(118,640)	(339,067)	0	(550,127)	(1,007,834)	1,455,651	(45,322)	1,410,329
Windham Sd - (Sau 95)	0.7489%	36,058,938	287,815	2,495,457	3,658,122	6,441,330	(291,970)	(834,435)	0	0	(1,126,405)	3,582,317	1,332,069	4,914,386
Winnacunnet Coop Sd (Sau 21)	0.3870%	18,634,431	148,736	1,289,595	1,223,999	2,662,390	(150,884)	(431,217)	0	(410,994)	(993,095)	1,851,259	216,583	2,067,842
Winnisquam Reg Sd	0.3803%	18,312,577	146,167	1,267,321	1,086,419	2,499,907	(148,278)	(423,769)	0	0	(572,047)	1,819,284	400,242	2,219,526
Wolfboro - Emp/Fire/Pol	0.1955%	9,412,527	75,129	651,393	538,258	1,264,780	(76,214)	(217,814)	0	(344,933)	(638,961)	935,098	71,087	1,006,185
Woodstock - Emp/Pol	0.0306%	1,475,819	11,780	102,134	100,538	214,452	(11,950)	(34,152)	0	(91,993)	(138,095)	146,617	28,448	175,065
Woodsville Fire District	0.0105%	503,328	4,017	34,833	36,868	75,718	(4,075)	(11,647)	0	(17,523)	(33,245)	50,004	(786)	49,218
Woodsville Water & Light Dept	0.0100%	482,981	3,855	33,425	14,736	52,016	(3,911)	(11,177)	0	(90,714)	(105,802)	47,982	(20,624)	27,358
Total for All Entities	100.0000%	\$ 4,815,202,417	\$ 38,433,989	\$ 333,235,811	\$189,091,992	\$ 560,761,792	\$ (38,988,852)	\$ (111,427,997)	\$ -	\$ (189,091,992)	\$ (339,508,841)	\$478,371,830	\$ -	\$ 478,371,830

Note: Totals may not add to NHRS collective amounts due to rounding.

Sensitivity Analysis by Employer

As of June 30, 2018				
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Albany - Emp	0.0011%	\$ 53,113	\$ 38,402	\$ 70,667
Alexandria - Emp/Pol	0.0112%	538,725	389,511	716,778
Allenstown - Emp/Fire/Pol	0.0636%	3,062,591	2,214,327	4,074,802
Allenstown Sd - (Sau 53)	0.0903%	4,349,360	3,144,691	5,786,858
Allenstown Sewer Commission	0.0000%	0	0	0
Alstead - Police	0.0063%	301,120	217,717	400,642
Alton - Emp/Fire/Pol	0.1002%	4,826,120	3,489,401	6,421,192
Alton Sd - Emp/Teach	0.1451%	6,984,998	5,050,322	9,293,597
Amherst - Fire/Pol	0.0918%	4,420,860	3,196,388	5,881,990
Amherst Sd - (Sau 39)	0.4275%	20,584,151	14,882,836	27,387,382
Andover - Police	0.0039%	187,432	135,518	249,380
Andover Sd - (Sau 46)	0.0580%	2,794,122	2,020,218	3,717,603
Androscoggin Valley Reg Refuse	0.0159%	764,665	552,871	1,017,393
Antrim - Emp/Pol	0.0373%	1,793,811	1,296,969	2,386,681
Ashland - Emp/Pol	0.0277%	1,335,324	965,471	1,776,660
Ashland Electric Dept - Emp	0.0077%	372,005	268,969	494,956
Ashland Sd - (Sau 02)	0.0515%	2,480,049	1,793,135	3,299,725
Atkinson - Emp/Police	0.0376%	1,810,900	1,309,324	2,409,417
Auburn - Emp/Fire/Pol	0.0580%	2,790,670	2,017,722	3,713,010
Auburn Sd - (Sau 15)	0.1289%	6,205,796	4,486,940	8,256,862
Baker Free Library - Emp	0.0000%	0	0	0
Barnstead - Emp/Fire/Pol	0.0474%	2,281,372	1,649,487	3,035,384
Barnstead Sd - Emp/Teach	0.1229%	5,918,199	4,279,000	7,874,212
Barrington - Emp/Pol/Fire	0.0793%	3,818,233	2,760,674	5,080,190
Barrington Sd - Emp/Teach	0.2533%	12,195,165	8,817,397	16,225,767
Bartlett - Fire/Pol	0.0129%	623,396	450,730	829,433
Bartlett Sd - (Sau 09)	0.0885%	4,260,724	3,080,606	5,668,928
Bath Sd - (Sau 23)	0.0184%	885,439	640,193	1,178,083
Bcep Solid Waste District	0.0079%	379,547	274,422	504,991
Bedford - Emp/Fire/Pol	0.4399%	21,182,836	15,315,700	28,183,937
Bedford Sd - Emp/Teach	1.0711%	51,576,150	37,290,796	68,622,490
Belknap County - Emp/Pol	0.2810%	13,531,537	9,783,627	18,003,821
Belknap County Conserv. Dist	0.0014%	66,510	48,089	88,493
Belmont - Emp/Fire/Pol	0.1401%	6,745,478	4,877,143	8,974,914
Bennington - Emp/Pol	0.0154%	743,383	537,484	989,078
Berlin - Emp/Fire/Pol	0.2514%	12,104,024	8,751,500	16,104,503
Berlin Housing Authority - Emp	0.0068%	326,491	236,061	434,400
Berlin Water Works - Emp	0.0160%	772,514	558,547	1,027,837
Bethlehem - Emp/Fir/Pol	0.0300%	1,443,965	1,044,021	1,921,207
Bethlehem Sd - (Sau 35)	0.0541%	2,606,246	1,884,378	3,467,631
Boscawen - Emp/Pol	0.0418%	2,010,796	1,453,854	2,675,380
Bow - Emp/Fire/Pol	0.1293%	6,227,647	4,502,739	8,285,936
Bow Sd - Emp/Teach (Sau 67)	0.4805%	23,137,056	16,728,648	30,784,043
Bradford - Police	0.0111%	532,391	384,931	708,350
Brentwood - Emp/Fire/Pol	0.0397%	1,913,172	1,383,270	2,545,492
Brentwood Sd - (Sau 16)	0.0754%	3,628,932	2,623,805	4,828,324
Bridgewater - Police/Fire	0.0000%	0	0	0
Bristol - Emp/Fire/Pol	0.0908%	4,372,931	3,161,734	5,818,220
Brookline - Emp/Fire/Pol	0.0572%	2,755,968	1,992,631	3,666,838
Brookline Public Library - Emp	0.0022%	104,220	75,354	138,666

Sensitivity Analysis by Employer

As of June 30, 2018					
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower	
		7.25%	8.25%	6.25%	
Brookline Sd - (Sau 41)	0.1434%	\$ 6,904,304	\$ 4,991,977	\$ 9,186,232	
Campton - Emp/Pol	0.0318%	1,529,900	1,106,154	2,035,544	
Campton Sd - (Sau 48)	0.0991%	4,770,045	3,448,857	6,346,585	
Campton/Thornton Fire Dept	0.0168%	809,940	585,606	1,077,631	
Canaan - Emp/Pol	0.0418%	2,012,619	1,455,172	2,677,806	
Candia - Police	0.0253%	1,219,199	881,510	1,622,154	
Candia Sd - (Sau 15)	0.0849%	4,088,387	2,956,002	5,439,633	
Canterbury - Emp/Pol/Fire	0.0147%	705,936	510,408	939,253	
Carroll - Emp/Fire/Pol	0.0280%	1,347,059	973,956	1,792,273	
Carroll County - Emp/Pol	0.2946%	14,184,395	10,255,659	18,872,454	
Center Conway Fire Precinct	0.0035%	168,452	121,795	224,127	
Center Harbor - Police	0.0122%	587,212	424,569	781,291	
Central Hooksett Water Precinct	0.0056%	270,849	195,831	360,367	
Charlestown - Emp/Pol	0.0432%	2,081,863	1,505,237	2,769,936	
Cheshire County - Emp/Pol	0.4441%	21,382,812	15,460,287	28,450,007	
Chester - Emp/Fire/Pol	0.0508%	2,444,789	1,767,641	3,252,811	
Chester Sd - (Sau 82)	0.1108%	5,334,678	3,857,100	7,097,832	
Chesterfield - Emp/Pol	0.0363%	1,746,144	1,262,504	2,323,259	
Chesterfield Sd - (Sau 29)	0.0742%	3,571,228	2,582,084	4,751,548	
Chichester - Emp/Pol	0.0263%	1,267,424	916,378	1,686,318	
Chichester Sd - (Sau 53)	0.0677%	3,259,114	2,356,418	4,336,278	
Claremont - Emp/Fire/Pol	0.2614%	12,585,011	9,099,265	16,744,460	
Claremont Sd - (Sau 06)	0.4558%	21,945,998	15,867,484	29,199,330	
Clarksville - Emp	0.0010%	48,578	35,123	64,634	
Cocheco Academy Of The Arts	0.0069%	331,983	240,031	441,706	
Colebrook - Emp/Pol	0.0346%	1,666,156	1,204,671	2,216,835	
Colebrook Sd - (Sau 07)	0.0848%	4,081,381	2,950,937	5,430,311	
Community College System Of Nh	1.1181%	53,837,038	38,925,473	71,630,621	
Concord - Emp/Fire/Pol	1.3244%	63,770,518	46,107,617	84,847,196	
Concord Reg Sol Waste Res Rec	0.0000%	0	0	0	
Concord Sd - Emp/Teach	1.3186%	63,492,070	45,906,292	84,476,719	
Contoocook Valley Sd	0.7106%	34,217,118	24,739,798	45,526,155	
Conway - Emp/Pol	0.1890%	9,098,932	6,578,747	12,106,204	
Conway Sd - (Sau 09)	0.4579%	22,049,284	15,942,162	29,336,753	
Conway Village Fire District	0.0299%	1,441,116	1,041,962	1,917,417	
Cook Memorial Library	0.0010%	47,063	34,028	62,618	
Coos County - Emp/Pol	0.1855%	8,933,112	6,458,854	11,885,578	
Coos County Nursing Home - Emp	0.0739%	3,557,512	2,572,166	4,733,298	
Cornish - Emp	0.0047%	227,660	164,604	302,903	
Cornish Sd - (Sau 100)	0.0267%	1,287,612	930,974	1,713,178	
Croydon Sd - (Sau 99)	0.0052%	248,030	179,332	330,006	
Croydon-Emp	0.0004%	21,031	15,206	27,982	
Danville - Pol	0.0183%	883,069	638,480	1,174,931	
Deerfield - Emp/Pol	0.0426%	2,053,223	1,484,529	2,731,829	
Deerfield Sd - (Sau 53)	0.1343%	6,466,563	4,675,481	8,603,815	
Deering - Police	0.0084%	405,591	293,252	539,642	
Derry - Emp/Fire/Pol	0.8385%	40,377,753	29,194,086	53,722,931	
Derry Housing Authority - Emp	0.0021%	102,876	74,382	136,877	
Dorchester - Emp	0.0011%	54,525	39,423	72,547	
Dover - Emp/Fire/Pol/Teacher	1.5958%	76,839,342	55,556,691	102,235,374	

Sensitivity Analysis by Employer

As of June 30, 2018				
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Dover Housing Authority	0.0339%	\$ 1,631,784	\$ 1,179,819	\$ 2,171,103
Dresden Sd - (Sau 70)	0.2284%	10,999,686	7,953,037	14,635,172
Dublin - Emp/Fir/Pol	0.0218%	1,048,616	758,175	1,395,193
Dunbarton - Emp/Pol	0.0209%	1,008,673	729,295	1,342,048
Dunbarton Sd - (Sau 67)	0.0465%	2,240,723	1,620,097	2,981,300
Durham - Emp/Fire/Pol	0.2966%	14,282,942	10,326,910	19,003,571
East Kingston - Emp/Pol/Fire	0.0223%	1,074,022	776,544	1,428,995
East Kingston Sd - (Sau 16)	0.0441%	2,121,954	1,534,224	2,823,278
Effingham - Pol	0.0086%	416,004	300,781	553,496
Enfield - Emp/Pol	0.0645%	3,106,373	2,245,982	4,133,054
Epping - Emp/Fire/Pol	0.1164%	5,606,678	4,053,763	7,459,731
Epping Sd - (Sau 14)	0.2761%	13,295,310	9,612,829	17,689,519
Epsom - Emp/Fire/Pol	0.0466%	2,244,916	1,623,128	2,986,879
Epsom Sd - (Sau 53)	0.0979%	4,713,788	3,408,182	6,271,734
Errol Sd - (Sau 20)	0.0052%	252,519	182,577	335,978
Exeter - Emp/Fire/Pol	0.3667%	17,657,486	12,766,787	23,493,430
Exeter Reg Coop Sd - (Sau 16)	0.9109%	43,859,845	31,711,722	58,355,883
Exeter Sd - (Sau 16)	0.3359%	16,173,636	11,693,928	21,519,155
Fall Mountain Reg Sd	0.4828%	23,247,964	16,808,837	30,931,606
Farmington - Fire/Pol	0.0477%	2,296,536	1,660,450	3,055,560
Farmington Sd - (Sau 61)	0.2526%	12,162,024	8,793,436	16,181,673
Fitzwilliam - Emp/Pol	0.0166%	798,228	577,138	1,062,048
Francestown - Emp/Pol	0.0060%	289,340	209,200	384,969
Franconia - Police	0.0111%	535,137	386,917	712,004
Franklin - Emp/Fire/Pol	0.2083%	10,031,981	7,253,363	13,347,632
Franklin Sd - (Sau 18)	0.2241%	10,788,979	7,800,691	14,354,824
Freedom - Police/Fire	0.0091%	438,105	316,761	582,903
Freedom Sd - (Sau 13)	0.0241%	1,160,196	838,850	1,543,650
Fremont - Police	0.0168%	808,481	584,551	1,075,691
Fremont Sd - (Sau 83)	0.1048%	5,046,261	3,648,568	6,714,091
Gilford - Emp/Fire/Pol	0.2023%	9,739,155	7,041,643	12,958,025
Gilford Sd - Emp/Teach	0.3867%	18,619,347	13,462,235	24,773,194
Gilmanton - Emp/Fire/Pol	0.0462%	2,223,269	1,607,477	2,958,078
Gilmanton Sd - Emp/Teach	0.1055%	5,079,026	3,672,258	6,757,686
Goffstown - Emp/Fire/Pol	0.3144%	15,138,099	10,945,209	20,141,365
Goffstown Sd - (Sau 19)	0.6465%	31,132,323	22,509,418	41,421,811
Goffstown Village Water Prcnct	0.0032%	156,057	112,833	207,635
Gorham - Emp/Fire/Pol	0.0684%	3,295,753	2,382,909	4,385,027
Goshen - Emp/Pol	0.0034%	164,430	118,887	218,776
Goshen-Lempster Sd	0.0000%	0	0	0
Governor Wentworth Reg Sd	0.7368%	35,476,863	25,650,624	47,202,257
Grafton - Emp/Pol	0.0075%	363,153	262,568	483,178
Grafton County - Emp/Pol	0.5016%	24,155,402	17,464,936	32,138,961
Grantham - Emp/Pol	0.0294%	1,415,266	1,023,272	1,883,024
Grantham Sd (Sau75)	0.0743%	3,578,394	2,587,265	4,761,083
Great Bay Elearning Charter Sc	0.0268%	1,288,238	931,427	1,714,011
Greenfield - Emp/Pol	0.0204%	980,875	709,196	1,305,062
Greenland - Emp/Pol	0.0464%	2,236,109	1,616,760	2,975,161
Greenland Sd - (Sau 50)	0.1061%	5,108,430	3,693,518	6,796,809
Greenville - Emp/Pol	0.0249%	1,198,031	866,205	1,593,990

Sensitivity Analysis by Employer

As of June 30, 2018

Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Groton - Emp/Pol	0.0055%	\$ 264,287	\$ 191,086	\$ 351,636
Grs Coop Sd - (Sau 20)	0.1003%	4,829,185	3,491,617	6,425,270
Hampstead - Emp/Fire/Pol	0.0780%	3,753,932	2,714,183	4,994,638
Hampstead Sd - (Sau 55)	0.2859%	13,767,446	9,954,194	18,317,699
Hampton - Emp/Fire/Pol	0.5186%	24,969,272	18,053,384	33,221,821
Hampton Falls - Emp/Fire/Pol	0.0256%	1,232,004	890,769	1,639,192
Hampton Falls Sd - (Sau 21)	0.0960%	4,624,105	3,343,339	6,152,410
Hampton Sd - (Sau 90)	0.3600%	17,334,937	12,533,576	23,064,276
Hancock - Police	0.0112%	541,392	391,439	720,326
Hanover - Emp/Fire/Pol	0.3715%	17,890,341	12,935,147	23,803,246
Hanover Sd - (Sau 70)	0.1683%	8,105,707	5,860,621	10,784,710
Harrisville - Police	0.0035%	169,409	122,487	225,400
Harrisville Sd - (Sau 29)	0.0163%	784,192	566,990	1,043,374
Haverhill - Emp/Pol	0.0361%	1,736,518	1,255,544	2,310,451
Haverhill Coop Sd - (Sau 23)	0.1930%	9,292,471	6,718,680	12,363,708
Hebron - Emp/Pol	0.0052%	249,067	180,081	331,385
Henniker - Emp/Fire/Pol	0.0673%	3,242,265	2,344,235	4,313,860
Henniker Sd - (Sau 24)	0.1151%	5,540,692	4,006,053	7,371,936
Hill Sd - (Sau 103)	0.0122%	585,322	423,202	778,775
Hillsboro-Deering Sd (Sau 34)	0.3387%	16,307,876	11,790,986	21,697,762
Hillsborough - Fire/Pol	0.0707%	3,403,243	2,460,626	4,528,043
Hillsborough County - Emp/Pol	0.9414%	45,332,451	32,776,452	60,315,197
Hinsdale - Emp/Pol	0.0523%	2,517,052	1,819,889	3,348,959
Hinsdale Sd - (Sau 92)	0.1684%	8,107,963	5,862,252	10,787,711
Holderness - Emp/Fire/Pol	0.0298%	1,435,147	1,037,646	1,909,475
Holderness Sd - (Sau 48)	0.0617%	2,969,524	2,147,037	3,950,976
Hollis - Emp/Fire/Pol	0.1500%	7,222,114	5,221,762	9,609,081
Hollis Sd - (Sau 41)	0.1920%	9,243,721	6,683,433	12,298,847
Hollis-Brookline Coop (Sau 41)	0.3329%	16,028,584	11,589,052	21,326,163
Hooksett - Emp/Fire/Police	0.3161%	15,219,636	11,004,163	20,249,851
Hooksett Public Library - Emp	0.0086%	412,437	298,202	548,751
Hooksett Sd - (Sau 15)	0.3061%	14,739,663	10,657,130	19,611,242
Hooksett Sewer Commission	0.0091%	437,604	316,398	582,236
Hooksett Village Water Precnct	0.0086%	412,495	298,244	548,828
Hopkinton - Emp/Fire/Pol	0.0897%	4,318,565	3,122,426	5,745,886
Hopkinton Sd - Emp/Teach	0.2916%	14,038,762	10,150,362	18,678,688
Hudson - Emp/Fire/Pol	0.5646%	27,186,868	19,656,759	36,172,350
Hudson Sd - Emp/Teach	0.7977%	38,409,155	27,770,742	51,103,696
Inter-Lakes Sd - (Sau 02)	0.3937%	18,955,978	13,705,628	25,221,084
Jackson - Emp/Pol/Fire	0.0142%	685,007	495,277	911,408
Jackson Sd - (Sau 09)	0.0180%	868,897	628,233	1,156,074
Jaffrey - Emp/Fire/Pol	0.1010%	4,862,690	3,515,842	6,469,849
Jaffrey-Rindge Coop Sd	0.3957%	19,054,422	13,776,805	25,352,065
Jefferson - Emp	0.0027%	131,699	95,222	175,227
John Stark Reg Sd - (Sau 24)	0.2102%	10,122,610	7,318,890	13,468,215
Kearsarge Reg Coop Sd	0.5780%	27,833,197	20,124,070	37,032,297
Keene - Emp/Fire/Pol	0.7106%	34,215,044	24,738,299	45,523,397
Keene Sd - (Sau 29)	0.9041%	43,532,966	31,475,381	57,920,968
Kensington - Police	0.0159%	764,688	552,888	1,017,423
Kensington Sd - (Sau 16)	0.0373%	1,796,500	1,298,912	2,390,257

Sensitivity Analysis by Employer

As of June 30, 2018					
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower	
		7.25%	8.25%	6.25%	
Kingston - Emp/Fire/Pol	0.0636%	\$ 3,062,739	\$ 2,214,434	\$ 4,074,999	
Laconia - Emp/Fire/Pol	0.4744%	22,842,214	16,515,469	30,391,752	
Laconia Housing & Redevelopmnt	0.0264%	1,272,539	920,076	1,693,124	
Laconia Sd - Empl/Teach	0.5380%	25,905,522	18,730,315	34,467,510	
Laconia Water Works - Emp	0.0247%	1,187,607	858,668	1,580,120	
Lafayette Reg Coop Sd (Sau 35)	0.0409%	1,967,743	1,422,726	2,618,098	
Lakes Region Mutual Fire Aid	0.0196%	942,197	681,231	1,253,601	
Lakes Region Planning Comm.	0.0054%	259,229	187,429	344,906	
Lancaster - Emp/Fire/Pol	0.0567%	2,729,081	1,973,191	3,631,065	
Landaff Sd - (Sau 35)	0.0024%	116,672	84,357	155,234	
Langdon - Police	0.0000%	0	0	0	
Lebanon - Emp/Fire/Pol	0.4983%	23,995,699	17,349,467	31,926,474	
Lebanon Sd(Sau 88) - Emp/Teach	0.6409%	30,861,473	22,313,587	41,061,443	
Lee - Emp/Fire/Pol	0.0511%	2,459,884	1,778,555	3,272,895	
Lempster - Emp/Pol	0.0062%	297,144	214,842	395,352	
Lempster Sd Emp/Teachers	0.0364%	1,751,453	1,266,343	2,330,323	
Lincoln - Emp/Pol	0.0601%	2,892,658	2,091,461	3,848,705	
Lincoln-Woodstock Sd	0.1213%	5,838,450	4,221,340	7,768,106	
Lisbon - Police	0.0118%	567,127	410,047	754,568	
Lisbon Reg Sd - (Sau 35)	0.1023%	4,927,504	3,562,703	6,556,084	
Litchfield - Emp/Fire/Pol	0.0916%	4,412,258	3,190,169	5,870,546	
Litchfield Sd - Emp/Teach	0.3348%	16,121,674	11,656,358	21,450,019	
Littleton - Emp/Fire/Pol	0.1103%	5,311,129	3,840,074	7,066,501	
Littleton Public Library - Emp	0.0038%	183,775	132,874	244,514	
Littleton Sd - Emp/Teach	0.2485%	11,964,680	8,650,751	15,919,105	
Littleton Water & Light Dept	0.0286%	1,377,443	995,924	1,832,699	
Londonderry - Emp/Fire/Pol	0.7201%	34,674,750	25,070,678	46,135,039	
Londonderry Sd - Emp/Teach	1.2395%	59,685,685	43,154,185	79,412,293	
Loudon - Emp/Fire/Pol	0.0576%	2,775,791	2,006,964	3,693,213	
Lyme - Emp/Pol	0.0174%	837,487	605,523	1,114,283	
Lyme Sd - (Sau 76)	0.0703%	3,383,876	2,446,624	4,502,274	
Lyndeborough - Police	0.0030%	146,043	105,592	194,311	
Madison - Emp/Pol	0.0273%	1,313,188	949,467	1,747,207	
Madison Sd - (Sau 13)	0.0487%	2,346,550	1,696,612	3,122,104	
Manchester - Fire/Pol	2.4934%	120,063,396	86,808,721	159,745,332	
Manchester Sd - Empl/Teacher	3.0344%	146,114,642	105,644,398	194,406,728	
Marlborough - Emp/Pol	0.0195%	941,343	680,613	1,252,464	
Marlborough Sd - (Sau 29)	0.0480%	2,309,284	1,669,668	3,072,521	
Marlow - Emp	0.0045%	215,914	156,111	287,276	
Marlow Sd - (Sau 29)	0.0111%	536,834	388,144	714,263	
Mascenic Reg Sd - (Sau 87)	0.2307%	11,108,293	8,031,562	14,779,674	
Mascoma Valley Sd - Empl/Teach	0.3615%	17,406,529	12,585,339	23,159,529	
Mason - Police	0.0090%	431,521	312,000	574,142	
Mason Sd (Sau 89)	0.0164%	791,483	572,262	1,053,075	
Maxfield Public Library	0.0019%	93,511	67,611	124,417	
Meredith - Emp/Fire/Pol	0.1494%	7,194,350	5,201,688	9,572,142	
Meriden Village Water District	0.0013%	63,047	45,584	83,884	
Merrimack - Emp/Fire/Pol	0.5512%	26,542,760	19,191,054	35,315,360	
Merrimack County - Emp/Pol	0.9865%	47,499,828	34,343,517	63,198,910	
Merrimack Sd - Emp/Teach	1.0374%	49,954,790	36,118,514	66,465,258	

Sensitivity Analysis by Employer

As of June 30, 2018

Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Merrimack Valley Sd (Sau 46)	0.6397%	\$ 30,801,685	\$ 22,270,358	\$ 40,981,894
Merrimack Village District	0.0228%	1,097,969	793,858	1,460,857
Middleton - Police	0.0140%	673,569	487,007	896,189
Middleton Sd - Emp/Teach	0.0269%	1,296,543	937,432	1,725,062
Milan Sd - (Sau 20)	0.0187%	900,272	650,918	1,197,819
Milford - Emp/Fire/Pol	0.2339%	11,261,103	8,142,048	14,982,989
Milford Area Communication Ctr	0.0083%	399,518	288,861	531,562
Milford Sd - Empl/Teacher	0.6319%	30,425,885	21,998,646	40,481,890
Milton - Emp/Fire/Pol	0.0548%	2,639,102	1,908,134	3,511,347
Milton Sd - (Sau 64)	0.1492%	7,182,536	5,193,146	9,556,422
Monadnock Reg Sd - (Sau 93)	0.4837%	23,292,771	16,841,233	30,991,223
Monroe - Emp	0.0025%	119,988	86,754	159,645
Monroe Sd - Emp/Tch	0.0357%	1,721,183	1,244,456	2,290,047
Mont Vernon - Emp/Pol	0.0210%	1,012,308	731,923	1,346,884
Mont Vernon Sd - (Sau 39)	0.0471%	2,269,968	1,641,241	3,020,211
Moultonborough - Emp/Fire/Pol	0.1059%	5,097,072	3,685,305	6,781,696
Moultonborough Sd - Emp/Teach	0.2218%	10,680,782	7,722,462	14,210,869
Nashua - Emp/Fire/Pol	2.3775%	114,479,697	82,771,572	152,316,174
Nashua Airport Authority - Emp	0.0062%	300,288	217,115	399,536
Nashua Housing Redevelop Auth	0.0326%	1,568,623	1,134,152	2,087,066
Ne Interstate Water Pol Cntrl	0.0024%	116,855	84,489	155,476
Nelson - Emp	0.0044%	212,075	153,335	282,167
Nelson Sd - (Sau 29)	0.0130%	626,928	453,284	834,133
New Boston - Police	0.0287%	1,383,572	1,000,356	1,840,854
New Boston Sd - (Sau 19)	0.1227%	5,906,670	4,270,664	7,858,872
New Castle - Emp/Fire/Pol	0.0325%	1,563,679	1,130,578	2,080,488
New Castle Sd - (Sau 50)	0.0185%	891,864	644,839	1,186,632
New Durham - Emp/Pol	0.0265%	1,274,157	921,246	1,695,276
New Hampton - Emp/Pol/Fire	0.0283%	1,363,339	985,727	1,813,934
New Ipswich - Emp/Pol	0.0301%	1,447,679	1,046,706	1,926,148
New London - Emp/Fire/Pol	0.0810%	3,901,194	2,820,657	5,190,571
New London-Springfield Wtr Sys	0.0042%	201,240	145,502	267,752
Newbury - Police	0.0135%	650,875	470,598	865,994
Newfields - Emp/Pol	0.0128%	614,817	444,528	818,019
Newfields Sd - (Sau 16)	0.0362%	1,744,390	1,261,236	2,320,925
Newfound Area Sd - Emp/Teach	0.3582%	17,247,020	12,470,010	22,947,301
Newington - Emp/Fire/Pol	0.0970%	4,671,464	3,377,581	6,215,422
Newington Sd - (Sau 50)	0.0200%	962,841	696,157	1,281,067
Newmarket - Emp/Pol/Fire	0.1174%	5,654,926	4,088,647	7,523,925
Newmarket Sd - Emp/Teach	0.2843%	13,689,326	9,897,712	18,213,761
Newport - Emp/Fire/Pol	0.1244%	5,989,130	4,330,285	7,968,587
Newport Sd - (Sau 43)	0.2348%	11,306,468	8,174,848	15,043,348
Newton - Emp/Pol	0.0330%	1,590,623	1,150,058	2,116,336
Next Charter School	0.0120%	577,745	417,724	768,695
Nh Community Developmental Fin	0.0021%	101,258	73,212	134,725
Nh Land & Community Heritage	0.0026%	126,322	91,334	168,072
Nh Municipal Bond Bank - Emp	0.0052%	251,459	181,811	334,568
Nh Retirement System	0.0000%	0	0	0
North Conway Wtr Prct&Fire Dep	0.0277%	1,332,715	963,585	1,773,188
North Country Charter Academy	0.0077%	368,394	266,358	490,151

Sensitivity Analysis by Employer

As of June 30, 2018

Entity	Proportionate Share	Net Pension Liability		
		Under Current Discount Rate	at a Discount Rate 1% Higher	at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
North Country Education Servic	0.0230%	\$ 1,107,357	\$ 800,646	\$ 1,473,347
North Hampton - Emp/Fire/Pol	0.1389%	6,687,444	4,835,183	8,897,699
North Hampton Sd - (Sau 21)	0.1423%	6,851,795	4,954,012	9,116,369
Northfield - Emp/Pol	0.0460%	2,213,802	1,600,632	2,945,482
Northumberland - Emp/Pol	0.0170%	820,045	592,912	1,091,076
Northumberland Sd - (Sau 58)	0.0940%	4,524,487	3,271,313	6,019,868
Northwood - Emp/Fire/Pol	0.0457%	2,200,518	1,591,027	2,927,807
Northwood Sd - (Sau 44)	0.0815%	3,925,369	2,838,136	5,222,736
Nottingham - Fire/Pol	0.0302%	1,453,010	1,050,561	1,933,242
Nottingham Sd - (Sau 44)	0.1193%	5,745,680	4,154,265	7,644,674
Orford - Emp/Pol	0.0044%	210,560	152,240	280,151
Ossipee - Emp/Pol	0.0772%	3,716,496	2,687,116	4,944,828
Oyster River Coop Sd	0.7009%	33,748,138	24,400,715	44,902,174
Pease Development Authority	0.0911%	4,384,392	3,170,021	5,833,470
Pelham - Emp/Fire/Pol	0.2622%	12,626,743	9,129,438	16,799,984
Pelham Sd - (Sau 28)	0.4151%	19,986,959	14,451,051	26,592,812
Pembroke - Emp/Pol	0.0801%	3,859,223	2,790,311	5,134,728
Pembroke Sd - (Sau 53)	0.4104%	19,761,908	14,288,334	26,293,380
Pemi Baker Coop - (Sau 48)	0.2163%	10,416,871	7,531,648	13,859,732
Penacook Boscawen Water Prcnct	0.0005%	23,560	17,034	31,347
Peterborough - Emp/Fire/Pol	0.1382%	6,653,164	4,810,397	8,852,089
Piermont Police	0.0034%	165,160	119,414	219,746
Piermont Sd - (Sau 23)	0.0172%	827,564	598,349	1,101,080
Pittsburg - Emp/Pol	0.0073%	352,068	254,554	468,429
Pittsburg Sd - (Sau 07)	0.0343%	1,653,761	1,195,709	2,200,343
Pittsfield - Emp/Fire/Pol	0.0536%	2,578,824	1,864,551	3,431,146
Pittsfield Sd - (Sau 51)	0.1482%	7,137,170	5,160,345	9,496,063
Plainfield - Emp/Pol	0.0249%	1,197,951	866,147	1,593,884
Plainfield Sd - Emp/Teach	0.0673%	3,239,143	2,341,978	4,309,706
Plaistow - Emp/Fire/Pol	0.1289%	6,207,083	4,487,870	8,258,575
Plaistow Public Library - Emp	0.0037%	180,244	130,320	239,816
Plymouth - Emp/Fire/Pol	0.1409%	6,782,778	4,904,111	9,024,542
Plymouth Sd - (Sau 48)	0.1396%	6,722,454	4,860,496	8,944,280
Plymouth Village Water & Sewer	0.0160%	772,503	558,539	1,027,822
Portsmouth - Emp/Fire/Pol	1.0062%	48,452,871	35,032,590	64,466,941
Portsmouth Housing Authority	0.0370%	1,781,689	1,288,204	2,370,552
Portsmouth Sd - Empl/Teacher	0.9183%	44,215,615	31,968,953	58,829,239
Portsmouth-Josie F. Prescott	0.0000%	0	0	0
Profile Coop Sd - (Sau 35)	0.0866%	4,171,224	3,015,895	5,549,847
Prospect Mountain High School	0.1426%	6,865,193	4,963,699	9,134,195
Raymond - Emp/Fire/Pol	0.1280%	6,163,757	4,456,545	8,200,929
Raymond Sd - Emp/Teach	0.3281%	15,800,241	11,423,954	21,022,350
Richmond-Pol	0.0004%	20,610	14,901	27,421
Rindge - Emp/Fire/Pol	0.0531%	2,555,765	1,847,879	3,400,466
Rivendell Interstate Sd	0.0282%	1,358,542	982,259	1,807,552
Rochester - Emp/Fire/Pol	0.5866%	28,247,435	20,423,574	37,583,444
Rockingham County-Emp/Pol/Fire	0.7478%	36,008,138	26,034,749	47,909,122
Rockingham Planning Comm - Emp	0.0092%	445,317	321,975	592,498
Rollinsford - Emp/Pol	0.0176%	847,080	612,459	1,127,047
Rollinsford Sd - (Sau 56)	0.0445%	2,143,828	1,550,039	2,852,381

Sensitivity Analysis by Employer

As of June 30, 2018				
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Rumney - Emp/Pol	0.0107%	\$ 517,307	\$ 374,026	\$ 688,282
Rumney Sd - (Sau 48) Emp/Teach	0.0405%	1,948,695	1,408,953	2,592,754
Rye - Emp/Fire/Pol	0.1446%	6,964,742	5,035,676	9,266,646
Rye Sd - (Sau 50)	0.1712%	8,245,666	5,961,815	10,970,926
Rye Water District - Emp	0.0066%	317,275	229,397	422,137
Salem - Emp/Fire/Pol	0.9715%	46,779,743	33,822,878	62,240,831
Salem Housing Authority - Emp	0.0092%	445,123	321,835	592,240
Salem Sd - Emp/Teach	1.0406%	50,107,247	36,228,744	66,668,102
Salisbury - Emp	0.0013%	63,058	45,593	83,900
Sanborn Regional Sd (Sau 17)	0.5179%	24,937,418	18,030,353	33,179,439
Sanbornton - Emp/Fire/Pol	0.0427%	2,056,515	1,486,910	2,736,210
Sanbornton Public Library	0.0018%	87,074	62,957	115,853
Sandown - Emp/Fire/Pol	0.0472%	2,274,172	1,644,281	3,025,804
Sandown Public Library	0.0015%	73,916	53,443	98,346
Sandwich - Police/Fire	0.0086%	415,229	300,220	552,465
Sau 02 - Emp/Teach	0.0158%	760,632	549,955	1,012,027
Sau 03 - Emp/Teach	0.3178%	15,301,572	11,063,404	20,358,867
Sau 06 - Emp	0.0237%	1,139,507	823,891	1,516,123
Sau 07 - Emp/Teach	0.0141%	677,158	489,602	900,964
Sau 09 - Emp/Teach	0.0221%	1,066,434	771,058	1,418,900
Sau 10 (Derry Coop Sd)	0.9395%	45,239,657	32,709,359	60,191,735
Sau 13 - Emp	0.0119%	571,377	413,119	760,221
Sau 15 - Emp/Teach	0.0172%	827,997	598,662	1,101,657
Sau 16 - Emp/Teach	0.0387%	1,865,619	1,348,888	2,482,222
Sau 18 - Emp/Teach	0.0178%	854,713	617,978	1,137,202
Sau 19 - Emp/Teach	0.0325%	1,562,665	1,129,844	2,079,139
Sau 20 - Emp	0.0121%	580,855	419,972	772,833
Sau 21 - Emp/Teach	0.0225%	1,084,229	783,924	1,442,576
Sau 23 - Emp/Teach	0.0425%	2,046,375	1,479,579	2,722,719
Sau 24 - Emp/Teach	0.0376%	1,810,946	1,309,357	2,409,478
Sau 28 - Emp	0.0000%	0	0	0
Sau 29 - Emp/Teach	0.0540%	2,600,994	1,880,581	3,460,643
Sau 34 - Emp/Teach	0.0154%	740,592	535,466	985,364
Sau 35 - Emp/Teach	0.0195%	937,287	677,681	1,247,068
Sau 39 - Emp	0.0330%	1,590,372	1,149,877	2,116,003
Sau 41 - Emp	0.0216%	1,037,816	750,366	1,380,822
Sau 42	2.7095%	130,467,177	94,330,904	173,587,647
Sau 43 - Emp/Teach	0.0000%	0	0	0
Sau 44 - Emp/Teach	0.0422%	2,030,483	1,468,088	2,701,574
Sau 46 - Emp	0.0150%	720,017	520,590	957,989
Sau 48 - Emp/Teach	0.0271%	1,302,570	941,789	1,733,080
Sau 50 - Emp/Teach	0.0278%	1,339,858	968,750	1,782,693
Sau 53 - Emp/Teach	0.0813%	3,916,905	2,832,016	5,211,474
Sau 54 (Rochester Sd)	1.0796%	51,985,409	37,586,700	69,167,013
Sau 55 - Emp	0.0288%	1,388,961	1,004,252	1,848,024
Sau 56 - Emp/Teach	0.0231%	1,112,882	804,641	1,480,699
Sau 58 - Emp	0.0084%	403,153	291,489	536,398
Sau 61 - Emp	0.0000%	0	0	0
Sau 64 - Emp/Teach	0.0000%	0	0	0
Sau 67 - Emp/Teachers	0.0143%	689,006	498,168	916,729

Sensitivity Analysis by Employer

As of June 30, 2018				
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
Sau 70 - Emp	0.0215%	\$ 1,035,218	\$ 748,488	\$ 1,377,367
Sau 71 Emp/Teacher	0.0000%	0	0	0
Seabrook - Fire/Pol	0.3062%	14,745,598	10,661,422	19,619,139
Seabrook Sd (Sau 21)	0.2213%	10,655,650	7,704,291	14,177,430
Seacoast Charter Sch - Teach	0.0224%	1,079,752	780,687	1,436,619
Shaker Regional Sd - (Sau 80)	0.3622%	17,442,062	12,611,030	23,206,807
Shelburne - Emp	0.0028%	133,613	96,606	177,773
Somersworth - Emp/Fire/Pol	0.2424%	11,673,608	8,440,299	15,531,832
Somersworth Housing Authority	0.0125%	600,052	433,852	798,374
Somersworth Sd - (Sau 56)	0.3829%	18,437,589	13,330,820	24,531,363
Souhegan Coop Sd - (Sau 39)	0.2899%	13,958,273	10,092,167	18,571,597
South Hampton - Police	0.0059%	283,484	204,966	377,178
South Hampton Sd - (Sau 21)	0.0247%	1,190,318	860,629	1,583,728
Southern Nh Planning Comm	0.0128%	614,088	444,000	817,049
Springfield - Emp/Pol	0.0108%	520,155	376,085	692,071
Stark - Emp	0.0009%	42,050	30,403	55,948
Stark Sd - (Sau 58)	0.0070%	337,223	243,820	448,678
State Of New Hampshire	18.4202%	886,972,137	641,302,172	1,180,123,693
Stewartstown - Emp/Pol	0.0009%	43,851	31,705	58,344
Stewartstown Sd - (Sau 07)	0.0159%	766,283	554,041	1,019,545
Stoddard Sd - (Sau 24)	0.0116%	560,349	405,146	745,549
Strafford - Fire / Police	0.0208%	1,001,006	723,751	1,331,847
Strafford County - Emp/Pol	0.8097%	38,989,624	28,190,435	51,876,014
Strafford Sd (Sau 44)	0.1051%	5,061,664	3,659,705	6,734,585
Stratford - Emp	0.0021%	100,791	72,874	134,103
Stratford Sd - (Sau 58)	0.0194%	934,690	675,803	1,243,612
Stratham - Emp/Pol	0.0895%	4,308,255	3,114,972	5,732,168
Stratham Sd - (Sau 16)	0.1681%	8,096,319	5,853,833	10,772,219
Sugar Hill - Emp/Pol	0.0109%	526,535	380,698	700,559
Sullivan County - Emp/Pol	0.3172%	15,273,751	11,043,289	20,321,851
Sunapee - Emp/Pol	0.0610%	2,938,239	2,124,418	3,909,352
Sunapee Sd (Sau 85)- Emp/Teach	0.1876%	9,031,488	6,529,983	12,016,468
Surry Village Charter School	0.0000%	0	0	0
Sutton - Police	0.0117%	561,864	406,241	747,564
Swanzey - Police/Fire	0.0522%	2,511,607	1,815,952	3,341,713
Swnh District Fire Mutual Aid	0.0332%	1,598,871	1,156,022	2,127,311
Tamworth - Emp/Fire/Pol	0.0207%	998,751	722,121	1,328,846
Tamworth Sd - (Sau 13)	0.0875%	4,211,007	3,044,659	5,602,779
Thornton - Emp/Pol	0.0276%	1,327,326	959,689	1,766,019
Thornton Public Library	0.0007%	33,608	24,300	44,716
Thornton Sd - (Sau 48)	0.0684%	3,291,583	2,379,894	4,379,479
Tilton - Emp/Pol	0.0879%	4,234,749	3,061,825	5,634,368
Tilton-Northfield Fire Dist	0.0623%	2,998,336	2,167,869	3,989,311
Timberlane Reg Sd (Sau 55)	1.1515%	55,445,923	40,088,735	73,771,255
Troy - Emp/Pol	0.0141%	679,448	491,257	904,011
Troy Water And Sewer	0.0035%	168,088	121,531	223,642
Tuftonboro - Emp/Fire/Pol	0.0382%	1,837,001	1,328,196	2,444,144
Unity - Emp	0.0031%	149,837	108,335	199,359
Unity Sd - (Sau 06)	0.0208%	1,003,433	725,506	1,335,076
Village District Of Eastman	0.0053%	257,304	186,037	342,345

Sensitivity Analysis by Employer

As of June 30, 2018				
Entity	Proportionate Share	Net Pension Liability Under Current Discount Rate	Net Pension Liability at a Discount Rate 1% Higher	Net Pension Liability at a Discount Rate 1% Lower
		7.25%	8.25%	6.25%
		Rate	Higher	Lower
Village District Of Eidelweiss	0.0039%	\$ 187,546	\$ 135,601	\$ 249,532
Virtual Learning Academy Chart	0.0792%	3,812,981	2,756,877	5,073,202
Wakefield - Emp/Fire/Pol	0.0738%	3,553,854	2,569,522	4,728,432
Wakefield Sd - (Sau 101)	0.1039%	5,003,288	3,617,497	6,656,915
Walpole - Emp/Pol	0.0368%	1,771,561	1,280,881	2,357,077
Warner - Emp/Pol	0.0315%	1,517,117	1,096,912	2,018,537
Warner Village Water District	0.0030%	142,295	102,882	189,324
Warren - Police	0.0030%	142,556	103,072	189,673
Warren Sd - (Sau 23)	0.0225%	1,084,207	783,908	1,442,546
Washington - Emp/Pol	0.0108%	517,831	374,404	688,979
Washington Sd - (Sau 34)	0.0116%	557,205	402,872	741,365
Waterville Estates Village Dis	0.0091%	437,752	316,505	582,433
Waterville Valley Emp/Fire/Pol	0.0430%	2,071,337	1,497,626	2,755,931
Waterville Valley Sd (Sau 48)	0.0149%	718,399	519,420	955,836
Weare - Emp/Pol	0.0677%	3,258,579	2,356,031	4,335,566
Weare Sd - (Sau 24)	0.1961%	9,440,610	6,825,788	12,560,809
Webster - Emp/Pol	0.0072%	347,386	251,168	462,199
Weeks Public Library	0.0027%	130,161	94,110	173,181
Wentworth Sd - (Sau 48)	0.0191%	920,449	665,506	1,224,664
Westmoreland - Emp	0.0051%	246,799	178,442	328,369
Westmoreland Sd - (Sau 29)	0.0321%	1,543,651	1,116,097	2,053,840
White Mtn Reg Sd - Emp/Teach	0.3322%	15,997,642	11,566,680	21,284,994
Whitefield - Emp/Pol/Fire	0.0317%	1,527,906	1,104,713	2,032,892
Wilmot - Emp/Pol	0.0104%	502,235	363,128	668,227
Wilton - Pol	0.0278%	1,339,243	968,305	1,781,874
Wilton-Lyndeborough (Sau 63)	0.1733%	8,344,817	6,033,503	11,102,847
Winchester - Emp/Pol	0.0410%	1,974,134	1,427,347	2,626,602
Winchester Sd - (Sau 94)	0.1002%	4,826,769	3,489,870	6,422,056
Windham - Emp/Fire/Pol	0.3043%	14,652,315	10,593,976	19,495,025
Windham Sd - (Sau 95)	0.7489%	36,058,938	26,071,478	47,976,712
Winnacunnet Coop Sd (Sau 21)	0.3870%	18,634,431	13,473,142	24,793,263
Winnisquam Reg Sd	0.3803%	18,312,577	13,240,433	24,365,034
Wolfeboro - Emp/Fire/Pol	0.1955%	9,412,527	6,805,483	12,523,444
Woodstock - Emp/Pol	0.0306%	1,475,819	1,067,052	1,963,589
Woodsville Fire District	0.0105%	503,328	363,918	669,682
Woodsville Water & Light Dept	0.0100%	482,981	349,207	642,610
Total for All Entities	100.0000%	\$ 4,815,202,417	\$ 3,481,507,071	\$ 6,406,666,255

Note: Totals may not add to NHRS collective amounts due to rounding.

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Albany - Emp	\$ 807	\$ 86	\$ (2,582)	\$ (1,088)	\$ -
Alexandria - Emp/Pol	17,918	16,581	(16,277)	(5,980)	-
Allenstown - Emp/Fire/Pol	202,151	162,741	(10,547)	(15,063)	-
Allenstown Sd - (Sau 53)	191,547	140,244	(70,839)	27,288	-
Allenstown Sewer Commission	(112,753)	(109,152)	(107,847)	(39,168)	-
Alstead - Police	26,472	17,558	14,007	9,942	-
Alton - Emp/Fire/Pol	80,889	16,888	(221,695)	(55,212)	-
Alton Sd - Emp/Teach	255,134	166,237	(186,834)	(64,259)	-
Amherst - Fire/Pol	176,871	185,652	(58,395)	(16,343)	-
Amherst Sd - (Sau 39)	830,183	756,664	(238,887)	123,032	-
Andover - Police	11,849	8,986	(367)	801	-
Andover Sd - (Sau 46)	206,149	161,508	549	38,806	-
Androscoggin Valley Reg Refuse	27,005	4,906	(30,322)	(10,836)	-
Antrim - Emp/Pol	21,484	(4,039)	(80,310)	(38,286)	-
Ashland - Emp/Pol	54,637	30,582	(31,531)	(9,839)	-
Ashland Electric Dept - Emp	4,385	3,914	(11,711)	(6,328)	-
Ashland Sd - (Sau 02)	114,514	105,366	(7,168)	11,507	-
Atkinson - Emp/Police	135,787	100,461	(49,112)	(16,955)	-
Auburn - Emp/Fire/Pol	139,900	102,245	(64,777)	12,745	-
Auburn Sd - (Sau 15)	348,074	273,723	(51,184)	23,567	-
Baker Free Library - Emp	(35,966)	(34,845)	(34,450)	(26,277)	-
Barnstead - Emp/Fire/Pol	86,042	74,138	(39,039)	(5,851)	-
Barnstead Sd - Emp/Teach	236,069	149,475	(174,350)	(27,681)	-
Barrington - Emp/Pol/Fire	83,347	47,807	(131,079)	(62,152)	-
Barrington Sd - Emp/Teach	791,399	561,970	(73,206)	6,748	-
Bartlett - Fire/Pol	22,620	35,330	14,009	(11,401)	-
Bartlett Sd - (Sau 09)	119,942	123,604	(69,494)	38,689	-
Bath Sd - (Sau 23)	49,616	39,528	(6,801)	5,623	-
Bcep Solid Waste District	(27,548)	(20,671)	(38,389)	(24,751)	-
Bedford - Emp/Fire/Pol	1,034,017	808,405	(287,375)	(169,941)	-
Bedford Sd - Emp/Teach	3,662,312	2,953,445	167,232	702,314	-
Belknap County - Emp/Pol	226,236	225,454	(380,403)	(166,002)	-
Belknap County Conserv. Dist	(1,266)	(1,208)	(4,010)	(2,031)	-
Belmont - Emp/Fire/Pol	206,161	102,238	(239,543)	(85,703)	-
Bennington - Emp/Pol	25,309	11,327	(25,790)	(6,839)	-
Berlin - Emp/Fire/Pol	249,673	118,965	(546,892)	(255,843)	-
Berlin Housing Authority - Emp	8,659	3,916	(12,675)	(6,491)	-
Berlin Water Works - Emp	(54,186)	(63,833)	(71,122)	(25,218)	-
Bethlehem - Emp/Fir/Pol	48,188	39,755	(42,783)	(2,359)	-
Bethlehem Sd - (Sau 35)	135,372	123,240	(26,132)	13,146	-
Boscawen - Emp/Pol	108,650	90,349	(6,190)	(21,870)	-
Bow - Emp/Fire/Pol	230,344	193,635	(130,170)	(15,124)	-
Bow Sd - Emp/Teach (Sau 67)	1,348,320	1,092,149	(200,309)	94,900	-
Bradford - Police	23,114	15,066	(6,848)	(2,856)	-
Brentwood - Emp/Fire/Pol	134,299	89,579	(30,754)	(10,885)	-
Brentwood Sd - (Sau 16)	144,119	111,348	(18,650)	35,029	-
Bridgewater - Police/Fire	(21,913)	(7,099)	-	-	-
Bristol - Emp/Fire/Pol	211,752	177,550	(50,350)	34,661	-
Brookline - Emp/Fire/Pol	166,375	160,208	(12,791)	(18,919)	-
Brookline Public Library - Emp	8,179	7,573	793	(3,262)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Brookline Sd - (Sau 41)	\$ 394,117	\$ 336,853	\$ 30,284	\$ 90,958	\$ -
Campton - Emp/Pol	105,189	83,266	(13,639)	(12,886)	-
Campton Sd - (Sau 48)	255,764	178,277	(49,448)	51,268	-
Campton/Thornton Fire Dept	55,594	69,845	33,241	5,782	-
Canaan - Emp/Pol	120,489	79,837	(34,757)	(10,001)	-
Candia - Police	42,990	43,863	(18,781)	(113)	-
Candia Sd - (Sau 15)	188,158	149,597	(29,305)	39,930	-
Canterbury - Emp/Pol/Fire	14,440	5,794	(21,416)	(25,779)	-
Carroll - Emp/Fire/Pol	106,073	60,653	(17,817)	(2,294)	-
Carroll County - Emp/Pol	406,738	303,616	(317,560)	(245,380)	-
Center Conway Fire Precinct	37,350	35,545	26,735	(2,517)	-
Center Harbor - Police	18,508	6,619	(25,362)	(12,909)	-
Central Hooksett Water Precinct	16,206	18,584	5,716	1,508	-
Charlestown - Emp/Pol	110,212	94,946	4,075	(9,229)	-
Cheshire County - Emp/Pol	440,462	116,107	(938,658)	(473,759)	-
Chester - Emp/Fire/Pol	149,960	118,048	(7,466)	3,362	-
Chester Sd - (Sau 82)	255,894	207,974	(80,427)	(15,872)	-
Chesterfield - Emp/Pol	73,634	51,250	(24,242)	5,047	-
Chesterfield Sd - (Sau 29)	197,190	171,970	27,845	58,219	-
Chichester - Emp/Pol	101,914	88,267	29,611	11,437	-
Chichester Sd - (Sau 53)	138,822	114,486	(33,239)	23,049	-
Claremont - Emp/Fire/Pol	485,883	233,652	(463,614)	(200,413)	-
Claremont Sd - (Sau 06)	1,077,453	897,291	(277,091)	87,671	-
Clarksville - Emp	847	515	(2,489)	(1,150)	-
Cocheco Academy Of The Arts	8,839	21,347	2,380	383	-
Colebrook - Emp/Pol	77,759	51,480	(26,487)	(1,695)	-
Colebrook Sd - (Sau 07)	179,487	157,089	(24,815)	42,674	-
Community College System Of Nh	(1,315,164)	(2,073,839)	(3,404,203)	(1,389,744)	-
Concord - Emp/Fire/Pol	2,256,621	1,692,073	(1,650,900)	(806,302)	-
Concord Reg Sol Waste Res Rec	(41,673)	(38,315)	(21,203)	-	-
Concord Sd - Emp/Teach	3,951,274	2,480,189	(512,279)	407,500	-
Contoocook Valley Sd	1,363,942	1,018,955	(549,288)	97,778	-
Conway - Emp/Pol	358,135	287,162	(181,368)	(72,046)	-
Conway Sd - (Sau 09)	979,688	816,668	(252,999)	28,400	-
Conway Village Fire District	94,104	49,798	(48,318)	(20,586)	-
Cook Memorial Library	10,713	10,208	7,790	2,074	-
Coos County - Emp/Pol	264,999	180,245	(310,967)	(160,183)	-
Coos County Nursing Home - Emp	164,689	139,944	(136,626)	(79,360)	-
Cornish - Emp	(5,143)	104	(8,089)	(9,210)	-
Cornish Sd - (Sau 100)	(3,682)	(22,666)	(12,409)	(2,764)	-
Croydon Sd - (Sau 99)	29,531	25,644	2,432	3,946	-
Croydon-Emp	5,005	4,780	3,733	3,112	-
Danville - Pol	45,479	32,225	(33,298)	4,043	-
Deerfield - Emp/Pol	82,594	65,528	(56,534)	(27,487)	-
Deerfield Sd - (Sau 53)	411,675	327,367	(16,991)	41,444	-
Deering - Police	32,671	27,543	(6,795)	(2,109)	-
Derry - Emp/Fire/Pol	879,007	554,657	(1,073,806)	(408,622)	-
Derry Housing Authority - Emp	1,329	1,396	(3,702)	(1,440)	-
Dorchester - Emp	2,580	2,225	(617)	5,105	-
Dover - Emp/Fire/Pol/Teacher	4,446,652	3,508,755	(1,049,180)	(12,010)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Dover Housing Authority	\$ 45,704	\$ 27,824	\$ (57,538)	\$ (25,016)	\$ -
Dresden Sd - (Sau 70)	498,800	417,792	(155,796)	20,851	-
Dublin - Emp/Fir/Pol	35,393	21,997	(21,333)	1,691	-
Dunbarton - Emp/Pol	47,072	27,158	(32,539)	(15,892)	-
Dunbarton Sd - (Sau 67)	225,428	179,197	48,617	44,691	-
Durham - Emp/Fire/Pol	672,941	300,370	(448,087)	(172,379)	-
East Kingston - Emp/Pol/Fire	59,963	56,352	(20,014)	(23,304)	-
East Kingston Sd - (Sau 16)	129,885	93,776	17,760	18,293	-
Effingham - Pol	26,530	19,843	(4,635)	3,054	-
Enfield - Emp/Pol	81,864	65,971	(63,810)	(67,163)	-
Epping - Emp/Fire/Pol	371,557	265,100	(28,160)	(8,684)	-
Epping Sd - (Sau 14)	780,199	603,164	(67,310)	79,417	-
Epsom - Emp/Fire/Pol	54,297	25,014	(111,034)	(51,681)	-
Epsom Sd - (Sau 53)	299,091	237,604	(4,681)	52,336	-
Errol Sd - (Sau 20)	9,394	6,363	(14,800)	(2,423)	-
Exeter - Emp/Fire/Pol	496,041	349,418	(596,382)	(193,887)	-
Exeter Reg Coop Sd - (Sau 16)	2,561,629	2,223,709	(232,155)	346,410	-
Exeter Sd - (Sau 16)	1,031,934	838,220	(64,805)	95,525	-
Fall Mountain Reg Sd	1,476,485	1,121,913	(98,606)	183,044	-
Farmington - Fire/Pol	87,832	73,695	(43,161)	(12,642)	-
Farmington Sd - (Sau 61)	466,246	390,733	(126,393)	27,272	-
Fitzwilliam - Emp/Pol	8,415	11,820	(39,936)	(17,240)	-
Francestown - Emp/Pol	(21,117)	(26,662)	(7,382)	(10,897)	-
Franconia - Police	19,264	8,014	(21,287)	(18,806)	-
Franklin - Emp/Fire/Pol	358,471	252,810	(260,091)	(107,694)	-
Franklin Sd - (Sau 18)	614,643	500,615	(92,688)	122,216	-
Freedom - Police/Fire	(11,114)	1,483	(16,099)	(1,859)	-
Freedom Sd - (Sau 13)	49,350	33,727	(3,914)	9,120	-
Fremont - Police	83,243	75,873	14,197	11,768	-
Fremont Sd - (Sau 83)	142,886	165,042	(61,886)	(4,364)	-
Gilford - Emp/Fire/Pol	453,245	333,084	(232,868)	(95,506)	-
Gilford Sd - Emp/Teach	864,158	676,506	(320,970)	17,525	-
Gilmanton - Emp/Fire/Pol	101,561	59,717	(56,077)	(20,214)	-
Gilmanton Sd - Emp/Teach	220,144	157,238	(114,003)	(80,652)	-
Goffstown - Emp/Fire/Pol	249,907	140,917	(556,085)	(200,823)	-
Goffstown Sd - (Sau 19)	1,766,737	1,473,474	(167,863)	242,816	-
Goffstown Village Water Prcnct	12,236	7,937	(5,204)	(2,102)	-
Gorham - Emp/Fire/Pol	92,451	69,777	(105,036)	(41,310)	-
Goshen - Emp/Pol	7,560	8,437	(562)	194	-
Goshen-Lempster Sd	(385,771)	(398,213)	(30,093)	-	-
Governor Wentworth Reg Sd	1,750,328	1,398,403	(344,106)	139,137	-
Grafton - Emp/Pol	56,968	52,608	32,791	12,142	-
Grafton County - Emp/Pol	921,424	613,587	(771,353)	(240,331)	-
Grantham - Emp/Pol	73,462	59,308	(8,351)	(5,869)	-
Grantham Sd (Sau75)	287,950	211,618	13,601	37,686	-
Great Bay Elearning Charter Sc	76,207	67,981	17,442	24,442	-
Greenfield - Emp/Pol	49,845	33,001	(22,814)	(26,211)	-
Greenland - Emp/Pol	86,523	35,985	(90,750)	(26,653)	-
Greenland Sd - (Sau 50)	379,890	340,167	86,358	120,976	-
Greenville - Emp/Pol	55,867	23,829	(41,036)	(33,603)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Groton - Emp/Pol	\$ 42,560	\$ 28,095	\$ 2,484	\$ (4,281)	\$ -
Grs Coop Sd - (Sau 20)	205,254	154,239	(80,336)	(11,604)	-
Hampstead - Emp/Fire/Pol	191,516	138,034	(49,685)	(537)	-
Hampstead Sd - (Sau 55)	689,488	562,590	(146,534)	72,632	-
Hampton - Emp/Fire/Pol	789,814	514,607	(675,136)	(164,010)	-
Hampton Falls - Emp/Fire/Pol	37,143	36,585	(8,397)	(15,079)	-
Hampton Falls Sd - (Sau 21)	243,441	176,571	(57,208)	29,939	-
Hampton Sd - (Sau 90)	777,512	628,047	(239,124)	92,263	-
Hancock - Police	27,578	22,244	3,134	(574)	-
Hanover - Emp/Fire/Pol	717,145	692,210	(224,642)	(72,974)	-
Hanover Sd - (Sau 70)	548,395	398,482	(63,450)	64,103	-
Harrisville - Police	7,952	5,257	(3,380)	(1,773)	-
Harrisville Sd - (Sau 29)	34,161	16,167	(15,802)	(11,071)	-
Haverhill - Emp/Pol	19,015	(16,950)	(88,525)	(51,548)	-
Haverhill Coop Sd - (Sau 23)	247,927	173,126	(253,194)	7,576	-
Hebron - Emp/Pol	10,512	6,366	(9,094)	(3,065)	-
Henniker - Emp/Fire/Pol	86,388	66,962	(93,178)	(36,409)	-
Henniker Sd - (Sau 24)	277,958	217,144	(72,863)	9,793	-
Hill Sd - (Sau 103)	26,880	17,826	(10,648)	8,303	-
Hillsboro-Deering Sd (Sau 34)	872,752	783,678	(29,185)	157,233	-
Hillsborough - Fire/Pol	215,472	156,875	(46,836)	(16,988)	-
Hillsborough County - Emp/Pol	942,201	659,067	(1,692,408)	(612,240)	-
Hinsdale - Emp/Pol	175,174	134,106	(9,379)	16,878	-
Hinsdale Sd - (Sau 92)	487,676	427,926	21,148	71,790	-
Holderness - Emp/Fire/Pol	38,726	13,355	(49,774)	(15,460)	-
Holderness Sd - (Sau 48)	79,994	58,307	(17,615)	27,489	-
Hollis - Emp/Fire/Pol	236,878	149,875	(242,717)	(69,979)	-
Hollis Sd - (Sau 41)	617,054	492,418	(28,602)	47,479	-
Hollis-Brookline Coop (Sau 41)	1,096,224	825,694	(23,696)	161,947	-
Hooksett - Emp/Fire/Police	485,849	332,601	(404,100)	(51,339)	-
Hooksett Public Library - Emp	26,449	24,307	(7,902)	(4,266)	-
Hooksett Sd - (Sau 15)	724,486	578,307	(175,947)	87,974	-
Hooksett Sewer Commission	13,085	8,707	(12,439)	(4,725)	-
Hooksett Village Water Precnct	40,015	29,314	10,988	(2,010)	-
Hopkinton - Emp/Fire/Pol	143,422	101,039	(131,153)	(12,331)	-
Hopkinton Sd - Emp/Teach	605,458	430,410	(245,344)	74,902	-
Hudson - Emp/Fire/Pol	1,111,991	910,031	(549,446)	(199,736)	-
Hudson Sd - Emp/Teach	1,903,077	1,657,981	(268,917)	256,411	-
Inter-Lakes Sd - (Sau 02)	1,159,808	877,939	(82,865)	83,375	-
Jackson - Emp/Pol/Fire	3,080	(7,354)	(46,383)	(15,707)	-
Jackson Sd - (Sau 09)	62,961	56,237	5,942	9,372	-
Jaffrey - Emp/Fire/Pol	170,915	125,569	(153,526)	(38,721)	-
Jaffrey-Rindge Coop Sd	701,505	600,306	(217,885)	14,213	-
Jefferson - Emp	3,215	1,414	(4,131)	(2,454)	-
John Stark Reg Sd - (Sau 24)	309,163	274,977	(203,617)	6,317	-
Kearsarge Reg Coop Sd	1,545,347	1,192,568	(208,761)	174,916	-
Keene - Emp/Fire/Pol	781,163	509,181	(1,220,649)	(428,653)	-
Keene Sd - (Sau 29)	1,490,216	1,106,256	(851,094)	182,620	-
Kensington - Police	35,837	34,339	586	10,744	-
Kensington Sd - (Sau 16)	9,239	24,322	(30,258)	(4,563)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Kingston - Emp/Fire/Pol	\$ 49,652	\$ 8,364	\$ (140,591)	\$ (41,403)	\$ -
Laconia - Emp/Fire/Pol	917,630	621,025	(742,839)	(314,156)	-
Laconia Housing & Redevelopmnt	82,965	33,956	(37,807)	(20,708)	-
Laconia Sd - Empl/Teach	845,741	527,857	(879,021)	(92,188)	-
Laconia Water Works - Emp	26,965	36,485	(34,583)	(25,294)	-
Lafayette Reg Coop Sd (Sau 35)	98,270	83,592	(12,458)	8,247	-
Lakes Region Mutual Fire Aid	12,666	30,162	(8,504)	1,173	-
Lakes Region Planning Comm.	(22,264)	(14,541)	(21,474)	(3,673)	-
Lancaster - Emp/Fire/Pol	68,388	51,020	(75,147)	(30,016)	-
Landaff Sd - (Sau 35)	300	6,063	2,940	1,289	-
Langdon - Police	(27,229)	(29,022)	(28,410)	(10,086)	-
Lebanon - Emp/Fire/Pol	667,345	511,341	(715,537)	(295,417)	-
Lebanon Sd(Sau 88) - Emp/Teach	1,626,208	1,240,098	(420,848)	40,717	-
Lee - Emp/Fire/Pol	59,317	47,204	(93,429)	(32,067)	-
Lempster - Emp/Pol	(3,561)	(7,520)	(22,381)	(15,310)	-
Lempster Sd Emp/Teachers	375,562	356,795	11,730	51,960	-
Lincoln - Emp/Pol	101,034	53,172	(32,519)	(7,130)	-
Lincoln-Woodstock Sd	325,545	257,849	(27,414)	49,062	-
Lisbon - Police	(19,432)	1,577	(6,205)	3,583	-
Lisbon Reg Sd - (Sau 35)	251,609	167,926	(32,560)	16,742	-
Litchfield - Emp/Fire/Pol	238,675	190,489	(93,819)	(32,954)	-
Litchfield Sd - Emp/Teach	818,594	725,983	(74,165)	158,457	-
Littleton - Emp/Fire/Pol	261,114	169,316	(114,176)	(31,923)	-
Littleton Public Library - Emp	2,780	5,453	(3,027)	(1,288)	-
Littleton Sd - Emp/Teach	344,481	230,237	(372,612)	(182,952)	-
Littleton Water & Light Dept	(5,877)	(18,754)	(85,459)	(38,430)	-
Londonderry - Emp/Fire/Pol	1,122,225	866,805	(738,821)	(146,095)	-
Londonderry Sd - Emp/Teach	2,901,277	2,428,439	(636,689)	234,953	-
Loudon - Emp/Fire/Pol	186,071	141,715	12,794	16,625	-
Lyme - Emp/Pol	8,840	10,885	(24,864)	5,594	-
Lyme Sd - (Sau 76)	223,954	171,283	(10,919)	2,831	-
Lyndeborough - Police	9,594	11,425	4,968	1,806	-
Madison - Emp/Pol	70,093	39,514	(47,265)	(1,225)	-
Madison Sd - (Sau 13)	116,508	129,696	14,873	22,845	-
Manchester - Fire/Pol	4,001,304	2,746,142	(2,999,298)	(730,111)	-
Manchester Sd - Empl/Teacher	8,349,868	7,037,047	(850,936)	1,255,701	-
Marlborough - Emp/Pol	49,085	43,416	(12,237)	10,101	-
Marlborough Sd - (Sau 29)	94,949	79,370	7,327	46,452	-
Marlow - Emp	9,400	2,637	(7,694)	(4,268)	-
Marlow Sd - (Sau 29)	57,032	43,429	8,317	5,187	-
Mascenic Reg Sd - (Sau 87)	448,003	354,775	(205,276)	26,332	-
Mascoma Valley Sd - Empl/Teach	1,015,370	797,510	(83,310)	103,803	-
Mason - Police	(7,691)	(26,678)	(21,143)	(3,492)	-
Mason Sd (Sau 89)	42,098	35,682	(4,946)	2,850	-
Maxfield Public Library	(1,489)	(2,019)	(4,228)	(2,696)	-
Meredith - Emp/Fire/Pol	174,063	108,342	(222,923)	(153,186)	-
Meriden Village Water District	776	434	(2,702)	(1,324)	-
Merrimack - Emp/Fire/Pol	944,450	722,385	(482,506)	(287,180)	-
Merrimack County - Emp/Pol	1,318,704	942,158	(1,573,903)	(606,999)	-
Merrimack Sd - Emp/Teach	2,186,524	1,731,252	(641,512)	150,233	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Merrimack Valley Sd (Sau 46)	\$ 1,796,457	\$ 1,325,492	\$ (322,588)	\$ 302,561	\$ -
Merrimack Village District	39,924	27,990	(29,675)	(4,106)	-
Middleton - Police	879	1,188	(20,147)	(4,083)	-
Middleton Sd - Emp/Teach	292,006	278,114	211,014	26,005	-
Milan Sd - (Sau 20)	33,684	40,560	4,441	(4,264)	-
Milford - Emp/Fire/Pol	386,300	249,476	(350,451)	(171,071)	-
Milford Area Communication Ctr	8,716	1,198	(16,647)	(4,636)	-
Milford Sd - Empl/Teacher	1,270,710	1,046,856	(314,932)	159,660	-
Milton - Emp/Fire/Pol	138,299	79,570	(69,406)	(16,712)	-
Milton Sd - (Sau 64)	303,721	286,125	(14,466)	61,798	-
Monadnock Reg Sd - (Sau 93)	420,437	591,435	(552,087)	(115,462)	-
Monroe - Emp	3,045	1,378	(3,281)	(1,948)	-
Monroe Sd - Emp/Tch	133,274	127,376	35,297	32,392	-
Mont Vernon - Emp/Pol	51,968	34,658	(24,374)	(3,633)	-
Mont Vernon Sd - (Sau 39)	120,747	125,787	893	37,859	-
Moultonborough - Emp/Fire/Pol	58,824	30,891	(178,151)	(40,637)	-
Moultonborough Sd - Emp/Teach	316,014	260,435	(180,916)	(8,925)	-
Nashua - Emp/Fire/Pol	4,777,158	3,063,526	(2,933,437)	(813,899)	-
Nashua Airport Authority - Emp	(10,500)	(245)	7,785	(898)	-
Nashua Housing Redevelop Auth	56,102	27,342	(42,347)	(24,114)	-
Ne Interstate Water Pol Cntrl	(22,538)	(22,498)	(28,160)	(21,026)	-
Nelson - Emp	3,616	2,095	(5,423)	(2,403)	-
Nelson Sd - (Sau 29)	56,516	41,524	(3,135)	3,472	-
New Boston - Police	117,803	105,991	39,831	22,323	-
New Boston Sd - (Sau 19)	315,638	256,838	(48,227)	28,621	-
New Castle - Emp/Fire/Pol	77,213	57,022	(42,445)	(6,843)	-
New Castle Sd - (Sau 50)	60,409	50,637	4,344	33,248	-
New Durham - Emp/Pol	(22,155)	(25,976)	(54,571)	7,506	-
New Hampton - Emp/Pol/Fire	45,337	17,244	(55,486)	(16,832)	-
New Ipswich - Emp/Pol	(1,485)	(20,639)	(81,529)	(10,230)	-
New London - Emp/Fire/Pol	138,738	111,235	(89,137)	(46,552)	-
New London-Springfield Wtr Sys	3,373	1,960	(6,484)	(3,370)	-
Newbury - Police	812	(7,894)	(44,462)	(23,896)	-
Newfields - Emp/Pol	(9,794)	(23,979)	(64,497)	(5,956)	-
Newfields Sd - (Sau 16)	114,894	95,031	11,659	9,971	-
Newfound Area Sd - Emp/Teach	628,948	525,405	(318,302)	(40,349)	-
Newington - Emp/Fire/Pol	70,466	57,320	(145,015)	(41,704)	-
Newington Sd - (Sau 50)	55,480	41,691	(6,723)	10,288	-
Newmarket - Emp/Pol/Fire	226,102	143,103	(130,643)	(29,365)	-
Newmarket Sd - Emp/Teach	559,522	371,362	(349,936)	(138,997)	-
Newport - Emp/Fire/Pol	140,278	95,383	(207,578)	(96,579)	-
Newport Sd - (Sau 43)	391,283	381,144	(62,161)	43,716	-
Newton - Emp/Pol	101,559	63,954	(138,328)	3,938	-
Next Charter School	111,163	70,090	29,655	16,641	-
Nh Community Developmental Fin	(16,627)	(6,615)	(3,877)	(1,916)	-
Nh Land & Community Heritage	10,116	9,644	(1,585)	(1,730)	-
Nh Municipal Bond Bank - Emp	7,819	6,258	(10,787)	(35,251)	-
Nh Retirement System	-	-	-	-	-
North Conway Wtr Prct&Fire Dep	31,293	42,055	(41,927)	(17,836)	-
North Country Charter Academy	(3,767)	(2,852)	(5,919)	2,921	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
North Country Education Serv	\$ (26,796)	\$ (27,868)	\$ (74,965)	\$ (51,221)	\$ -
North Hampton - Emp/Fire/Pol	282,890	215,321	(115,780)	(72,675)	-
North Hampton Sd - (Sau 21)	264,927	207,349	(155,393)	(5,433)	-
Northfield - Emp/Pol	111,818	110,945	(114)	(11,561)	-
Northumberland - Emp/Pol	(43,441)	(40,577)	(44,635)	9,980	-
Northumberland Sd - (Sau 58)	207,399	220,029	4,003	102,702	-
Northwood - Emp/Fire/Pol	39,870	9,329	(122,278)	(54,969)	-
Northwood Sd - (Sau 44)	79,286	103,200	(83,073)	27,017	-
Nottingham - Fire/Pol	92,317	69,080	(27,075)	(11,117)	-
Nottingham Sd - (Sau 44)	374,099	282,120	(9,803)	43,612	-
Orford - Emp/Pol	(56,062)	(54,965)	(52,864)	(24,880)	-
Ossipee - Emp/Pol	116,083	77,376	(100,892)	(50,952)	-
Oyster River Coop Sd	2,142,111	1,733,420	43,732	233,669	-
Pease Development Authority	106,946	9,289	(205,378)	(92,321)	-
Pelham - Emp/Fire/Pol	382,150	296,832	(279,811)	(28,220)	-
Pelham Sd - (Sau 28)	1,238,984	954,264	(57,864)	140,180	-
Pembroke - Emp/Pol	210,722	138,028	(60,076)	(14,477)	-
Pembroke Sd - (Sau 53)	1,084,160	812,827	(208,688)	48,122	-
Pemi Baker Coop - (Sau 48)	520,075	476,970	(12,730)	58,254	-
Penacook Boscawen Water Prcnct	(27,549)	(27,333)	(25,553)	(10,601)	-
Peterborough - Emp/Fire/Pol	314,779	277,411	(105,846)	(8,829)	-
Piermont Police	7,633	15,643	(2,960)	(1,643)	-
Piermont Sd - (Sau 23)	(8,085)	(9,634)	(26,648)	2,493	-
Pittsburg - Emp/Pol	292	(5,447)	(12,278)	(2,306)	-
Pittsburg Sd - (Sau 07)	3,303	3,949	(63,258)	(9,281)	-
Pittsfield - Emp/Fire/Pol	110,989	25,030	(146,458)	(86,520)	-
Pittsfield Sd - (Sau 51)	149,297	91,233	(261,796)	(31,268)	-
Plainfield - Emp/Pol	61,357	48,886	(427)	(9,037)	-
Plainfield Sd - Emp/Teach	118,659	83,736	(40,799)	32,488	-
Plaistow - Emp/Fire/Pol	191,030	187,503	(145,880)	(50,681)	-
Plaistow Public Library - Emp	13,272	11,481	(1,642)	1,085	-
Plymouth - Emp/Fire/Pol	345,964	270,854	(144,410)	(82,373)	-
Plymouth Sd - (Sau 48)	350,066	281,425	(81,114)	2,938	-
Plymouth Village Water & Sewer	43,201	50,493	(864)	(4,773)	-
Portsmouth - Emp/Fire/Pol	2,033,336	1,493,187	(917,304)	(365,037)	-
Portsmouth Housing Authority	(31,979)	(23,190)	(88,513)	(31,882)	-
Portsmouth Sd - Empl/Teacher	2,606,022	1,933,817	(335,666)	384,921	-
Portsmouth-Josie F. Prescott	(17,863)	(17,457)	(17,624)	(6,937)	-
Profile Coop Sd - (Sau 35)	157,915	122,255	(69,122)	24,829	-
Prospect Mountain High School	390,169	334,876	(102,964)	25,083	-
Raymond - Emp/Fire/Pol	209,559	149,724	(200,176)	(61,857)	-
Raymond Sd - Emp/Teach	652,975	533,226	(165,430)	55,250	-
Richmond-Pol	4,905	4,684	3,659	3,049	-
Rindge - Emp/Fire/Pol	38,611	50,761	(100,764)	(32,165)	-
Rivendell Interstate Sd	(36,399)	(56,303)	(88,463)	15,681	-
Rochester - Emp/Fire/Pol	1,008,964	809,428	(893,010)	(222,408)	-
Rockingham County-Emp/Pol/Fire	(110,294)	(137,942)	(2,047,655)	(637,168)	-
Rockingham Planning Comm - Emp	5,920	10,255	(7,400)	(5,602)	-
Rollinsford - Emp/Pol	74,224	73,941	20,136	18,763	-
Rollinsford Sd - (Sau 56)	35,457	17,560	(71,090)	7,525	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Rumney - Emp/Pol	\$ (4,076)	\$ 5,651	\$ (10,298)	\$ (8,487)	\$ -
Rumney Sd - (Sau 48) Emp/Teach	242,810	227,417	42,676	23,278	-
Rye - Emp/Fire/Pol	281,780	232,860	(83,910)	32,316	-
Rye Sd - (Sau 50)	461,860	366,570	(25,174)	139,269	-
Rye Water District - Emp	6,010	6,615	997	(2,960)	-
Salem - Emp/Fire/Pol	1,804,523	1,092,573	(1,139,480)	(193,602)	-
Salem Housing Authority - Emp	18,090	22,301	355	4,768	-
Salem Sd - Emp/Teach	2,577,156	1,944,206	(457,530)	264,478	-
Salisbury - Emp	593	306	(2,970)	(1,564)	-
Sanborn Regional Sd (Sau 17)	1,145,465	784,955	(529,802)	28,169	-
Sanbornton - Emp/Fire/Pol	120,299	91,448	(12,655)	25,542	-
Sanbornton Public Library	8,089	1,808	(4,121)	(1,604)	-
Sandown - Emp/Fire/Pol	143,472	102,145	(26,403)	(17,224)	-
Sandown Public Library	2,340	3,446	(1,524)	2,244	-
Sandwich - Police/Fire	24,750	18,893	(563)	5,451	-
Sau 02 - Emp/Teach	18,222	9,986	(26,052)	(12,875)	-
Sau 03 - Emp/Teach	700,928	503,737	(200,312)	102,391	-
Sau 06 - Emp	1,795	11,635	(46,689)	(28,981)	-
Sau 07 - Emp/Teach	52,920	47,667	(2,852)	(8,177)	-
Sau 09 - Emp/Teach	32,223	42,638	(26,785)	(12,122)	-
Sau 10 (Derry Coop Sd)	2,214,202	1,665,360	(290,026)	299,125	-
Sau 13 - Emp	39,855	25,600	(15,577)	7,291	-
Sau 15 - Emp/Teach	27,692	24,524	(18,634)	(11,119)	-
Sau 16 - Emp/Teach	(61,636)	(79,669)	(122,898)	(41,811)	-
Sau 18 - Emp/Teach	(142,792)	(122,034)	(192,581)	(140,160)	-
Sau 19 - Emp/Teach	65,454	86,816	5,634	(17,695)	-
Sau 20 - Emp	2,674	1,904	(18,196)	(8,849)	-
Sau 21 - Emp/Teach	21,243	9,087	(36,035)	(4,635)	-
Sau 23 - Emp/Teach	123,073	110,149	(30,333)	(4,391)	-
Sau 24 - Emp/Teach	147,217	102,770	(48,167)	(19,917)	-
Sau 28 - Emp	(101,457)	-	-	-	-
Sau 29 - Emp/Teach	91,510	87,139	(44,129)	(21,124)	-
Sau 34 - Emp/Teach	(5,288)	(9,498)	(27,427)	(14,381)	-
Sau 35 - Emp/Teach	14,402	8,682	(36,709)	(15,183)	-
Sau 39 - Emp	(17,676)	(14,210)	(76,708)	(38,085)	-
Sau 41 - Emp	22,385	11,407	(45,603)	(20,552)	-
Sau 42	6,850,992	5,203,454	(1,353,053)	760,134	-
Sau 43 - Emp/Teach	(131,833)	(137,119)	(113,503)	-	-
Sau 44 - Emp/Teach	166,256	128,134	1,317	16,323	-
Sau 46 - Emp	35,287	10,344	(46,200)	(36,562)	-
Sau 48 - Emp/Teach	29,771	4,366	(69,590)	(34,535)	-
Sau 50 - Emp/Teach	89,556	85,414	7,242	2,841	-
Sau 53 - Emp/Teach	159,328	112,837	(90,586)	24,406	-
Sau 54 (Rochester Sd)	2,407,671	1,870,518	(540,534)	(80,955)	-
Sau 55 - Emp	72,897	56,222	(22,655)	(35,844)	-
Sau 56 - Emp/Teach	(12,084)	(20,879)	(51,274)	(33,291)	-
Sau 58 - Emp	13,450	(125)	1,660	(11,083)	-
Sau 61 - Emp	(151,821)	(150,422)	(141,427)	-	-
Sau 64 - Emp/Teach	(244,913)	(231,676)	(211,892)	(75,813)	-
Sau 67 - Emp/Teachers	138,917	61,148	(23,050)	(6,437)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Sau 70 - Emp	\$ (11,562)	\$ 381	\$ (75,013)	\$ (46,492)	\$ -
Sau 71 Emp/Teacher	(5,397)	(5,397)	(34,818)	(30,637)	-
Seabrook - Fire/Pol	863,706	699,543	(228,375)	(64,202)	-
Seabrook Sd (Sau 21)	559,513	420,789	(69,873)	100,390	-
Seacoast Charter Sch - Teach	10,266	33,475	27,401	27,802	-
Shaker Regional Sd - (Sau 80)	888,118	737,618	(198,234)	132,255	-
Shelburne - Emp	3,907	2,938	(1,936)	(843)	-
Somersworth - Emp/Fire/Pol	313,651	223,386	(405,259)	(104,180)	-
Somersworth Housing Authority	13,531	(3,214)	(37,805)	(16,755)	-
Somersworth Sd - (Sau 56)	821,135	570,258	(346,417)	(408)	-
Souhegan Coop Sd - (Sau 39)	300,763	260,027	(372,393)	(31,198)	-
South Hampton - Police	24,166	22,309	15,121	(1,212)	-
South Hampton Sd - (Sau 21)	98,844	88,043	26,602	7,100	-
Southern Nh Planning Comm	(14,579)	(15,542)	(61,373)	(45,622)	-
Springfield - Emp/Pol	35,935	29,845	5,418	767	-
Stark - Emp	(14,126)	(13,981)	(12,176)	916	-
Stark Sd - (Sau 58)	25,064	18,398	(1,042)	2,248	-
State Of New Hampshire	22,502,213	12,547,112	(28,544,086)	(13,725,903)	-
Stewartstown - Emp/Pol	(1,514)	(1,707)	(3,464)	(1,878)	-
Stewartstown Sd - (Sau 07)	53,745	42,547	1,044	13,553	-
Stoddard Sd - (Sau 24)	68,311	41,233	5,643	6,414	-
Strafford - Fire / Police	61,135	23,788	(25,455)	(16,909)	-
Strafford County - Emp/Pol	2,689,522	2,187,792	(205,157)	51,210	-
Strafford Sd (Sau 44)	136,805	123,037	(99,008)	18,814	-
Stratford - Emp	3,843	1,975	(3,447)	(1,544)	-
Stratford Sd - (Sau 58)	62,315	39,376	(4,621)	9,506	-
Stratham - Emp/Pol	262,544	190,064	(47,594)	(5,951)	-
Stratham Sd - (Sau 16)	408,871	292,256	(119,351)	27,131	-
Sugar Hill - Emp/Pol	17,031	24,871	18,193	23,348	-
Sullivan County - Emp/Pol	514,638	331,887	(509,463)	(296,004)	-
Sunapee - Emp/Pol	64,496	38,678	(82,996)	(43,176)	-
Sunapee Sd (Sau 85)- Emp/Teach	482,891	348,481	(120,592)	37,204	-
Surry Village Charter School	(81,790)	(53,937)	(2,689)	-	-
Sutton - Police	36,957	24,724	(4,090)	831	-
Swanzy - Police/Fire	150,764	108,860	(36,470)	(22,893)	-
Swnh District Fire Mutual Aid	60,052	45,153	(51,720)	(858)	-
Tamworth - Emp/Fire/Pol	11,597	497	(47,040)	3,682	-
Tamworth Sd - (Sau 13)	257,806	186,033	(17,432)	22,543	-
Thornton - Emp/Pol	97,142	80,470	10,931	23,583	-
Thornton Public Library	7,529	7,169	5,423	267	-
Thornton Sd - (Sau 48)	167,702	130,970	(15,294)	53,674	-
Tilton - Emp/Pol	159,275	84,037	(141,801)	(74,019)	-
Tilton-Northfield Fire Dist	160,417	129,679	(32,367)	(10,037)	-
Timberlane Reg Sd (Sau 55)	2,679,149	2,111,724	(640,166)	208,305	-
Troy - Emp/Pol	(8,557)	(13,741)	(44,558)	(32,628)	-
Troy Water And Sewer	(2,303)	(2,838)	(9,776)	(4,344)	-
Tuftonboro - Emp/Fire/Pol	141,947	102,755	(29,300)	(11,549)	-
Unity - Emp	538	(3,502)	(9,558)	(5,916)	-
Unity Sd - (Sau 06)	52,459	49,260	(4,943)	10,833	-
Village District Of Eastman	16,913	8,185	(10,173)	(3,860)	-

Schedule of Deferred Inflows and Outflows by Year

Schedule of Deferred Inflows and Outflows

Entity	2019	2020	2021	2022	Thereafter
Village District Of Eidelweiss	\$ 29,281	\$ 28,225	\$ 10,221	\$ (1,027)	\$ -
Virtual Learning Academy Chart	456,559	289,800	20,867	25,167	-
Wakefield - Emp/Fire/Pol	154,598	111,360	(75,518)	(7,868)	-
Wakefield Sd - (Sau 101)	295,557	219,339	(11,690)	38,923	-
Walpole - Emp/Pol	132,701	105,697	711	(8,837)	-
Warner - Emp/Pol	66,590	52,232	(8,848)	(10,187)	-
Warner Village Water District	5,165	8,245	(4,196)	(1,922)	-
Warren - Police	32,818	31,290	24,024	9,989	-
Warren Sd - (Sau 23)	55,103	39,991	(44,431)	(11,816)	-
Washington - Emp/Pol	14,478	8,569	2,622	15,731	-
Washington Sd - (Sau 34)	30,676	36,467	(2,195)	4,266	-
Waterville Estates Village Dis	15,707	23,956	2,969	3,174	-
Waterville Valley Emp/Fire/Pol	48,514	31,171	(67,256)	(35,664)	-
Waterville Valley Sd (Sau 48)	50,602	33,319	(9,421)	14,176	-
Weare - Emp/Pol	25,729	31,001	(118,237)	(13,959)	-
Weare Sd - (Sau 24)	667,388	509,654	(2,353)	81,698	-
Webster - Emp/Pol	(9,092)	(17,025)	(37,036)	(24,051)	-
Weeks Public Library	2,481	2,475	(5,435)	(2,343)	-
Wentworth Sd - (Sau 48)	90,642	83,301	11,220	(4,786)	-
Westmoreland - Emp	3,651	(971)	(11,109)	(8,327)	-
Westmoreland Sd - (Sau 29)	94,610	73,723	(11,962)	15,174	-
White Mtn Reg Sd - Emp/Teach	997,492	763,148	(127,770)	94,226	-
Whitefield - Emp/Pol/Fire	37,921	25,921	(43,440)	(7,819)	-
Wilmot - Emp/Pol	17,593	15,754	(14,446)	(6,325)	-
Wilton - Pol	54,737	24,700	(65,246)	(25,016)	-
Wilton-Lyndeborough (Sau 63)	397,849	261,679	(94,026)	37,229	-
Winchester - Emp/Pol	59,793	27,605	(58,800)	(19,803)	-
Winchester Sd - (Sau 94)	221,423	165,836	(23,026)	43,481	-
Windham - Emp/Fire/Pol	510,956	305,644	(440,902)	(151,742)	-
Windham Sd - (Sau 95)	2,717,069	2,192,983	64,775	340,162	-
Winnacunnet Coop Sd (Sau 21)	957,286	778,657	(204,277)	137,569	-
Winnisquam Reg Sd	1,136,641	876,421	(152,425)	67,223	-
Wolfeboro - Emp/Fire/Pol	467,561	387,335	(128,149)	(100,928)	-
Woodstock - Emp/Pol	84,160	57,528	(40,940)	(24,391)	-
Woodsville Fire District	20,633	23,845	(1,216)	(789)	-
Woodsville Water & Light Dept	(1,327)	(4,820)	(28,222)	(19,417)	-
Total for All Entities	\$ 194,144,360	\$ 142,549,012	\$ (97,031,475)	\$ (18,408,959)	\$ -

Note: Totals may not add to NHRS collective amounts due to rounding.