# Halifax Health

## **Halifax Pension Plan**

Actuarial Valuation Report as of October 1, 2022 for the plan year ending September 30, 2023

December 2023



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The information contained in this report was prepared for the use of Halifax Health and its auditors in connection with our actuarial valuation. It is not intended or necessarily suitable for other purposes. To avoid misrepresentation, it is intended to be used in its entirety.

Halifax Pension Plan BPAS

This report and the accompanying exhibits present the results of the annual actuarial valuation of the Halifax Pension Plan as of October 1, 2022, applicable to the plan year ending September 30, 2023. The purpose of the valuation is to provide Halifax Health with an actuarially determined contribution for funding the plan. The actuarially determined contribution is equal to the normal cost plus amortization of the unfunded actuarial accrued liability.

#### **Unfunded Actuarial Accrued Liability**

An initial unfunded actuarial accrued liability was established at 10/1/2012 to be amortized over 10 years. Changes to the unfunded accrued liability result from plan experience different than assumed and changes to assumptions. Each year a new amortization amount is established as a 10 year payment of the change to the unfunded actuarial accrued liability. Changes to the unfunded liability that have occurred over time are summarized in Exhibit III - B.

#### Changes as of October 1, 2022

- Plan experience different than assumed:
  - A liability gain \$10,532,265 due to demographic experience different than assumed.
     Approximately \$9.2M of this gain was due to the recent lump sum window.
  - An asset loss \$58,771,623 due to actual investment returns less than assumed.
- The interest rate assumption was changed from 6.75% to 6.50% effective October 1, 2021 and further decreased to 6.375% effective October 1, 2022 to reflect the future expectation of the plan sponsor and investment committee. The change at October 1, 2022 increased the liability by \$4,572,444.

#### **Actuarially Determined Contribution**

Item	2021		2022
1) Normal Cost	\$	39,000	\$ 41,000
2) Amortization Payments		21,680,000	16,635,000
3) Actuarially Determined Contribution: (1) + (2)	\$	21,719,000	\$ 16,676,000
4 a) Actual Contribution made on or about October 1st		21,315,000	14,000,000
b) Additional contributions made to date		400,000	2,200,000
5) Excess (Shortfall): (4) - (3)	\$	(4,000)	\$ (476,000)

Halifax Pension Plan 1 BPAS

#### **Funding Policy**

The funding policy of Halifax Health is to contribute an amount on the first day of the plan year (10/1) that is equal to the estimated actuarially determined contribution ("ADC") for the plan year using estimated liabilities and market value of assets. Upon completion of the annual valuation, if the actuarially determined contribution for the plan year is significantly different from the estimate, Halifax Health may make an additional contribution.

Based on our estimate using June 30, 2022 assets, Halifax contributed \$14,000,000 on October 4, 2022. Based on plan assets as of September 30, 2022 and participant data as of October 1, 2022 Halifax made an additional contribution of \$2,200,000 in June 2023. The actual ADC is \$16,676,000 based on plan assets as of September 30, 2022, participant data as of October 1, 2022 and the updated interest rate assumption of 6.375%. An additional contribution of \$476,000 is recommended to be made for the plan year ended September 30, 2023.

Halifax Pension Plan 2 BPAS

COMPARATIVE SUMMARY OF PRINCIPAL VALUATION RESULTS					
ITEM ACTUARIAL VALUATION A					
	October 1, 2022 Oc			tober 1, 2021	
1. Participant Data					
a) Number of active participants		217		262	
b) Total annual payroll	\$	18,232,565		21,589,425	
c) Present Value of future salaries	\$	82,290,760		98,131,205	
d) Number of retired participants and beneficiaries		1,016		1,122	
e) Total annualized benefits for (d)		21,197,496		23,086,216	
f) Number of terminated vested participants		324		437	
g) Total annualized benefits for (f)		2,059,141		2,762,283	
2. <u>Assets</u>					
a) Actuarial Value		286,107,132		348,041,687	
b) Market Value		286,107,132		348,041,687	
3. <u>Liabilities</u>					
a) Present Value of future benefits for:					
-Active participants	\$	48,742,669	\$	57,966,262	
-Terminated vested participants		24,305,613		31,210,209	
-Retired participants and beneficiaries		283,661,799		297,222,105	
Total	\$	356,710,081	\$	386,398,576	
b) Actuarial Accrued Liability		356,710,081		386,398,576	
c) Unfunded Actuarial Accrued Liability: (3)(b) - (2)(a)		70,602,949		38,356,889	
4. Present Value of Accrued Benefits					
Inactive participants and beneficiaries	\$	307,967,412	\$	328,432,314	
Active participants		48,742,669		57,966,262	
Nonvested accrued benefits		0		0	
Total		356,710,081		386,398,576	
See Exhibit V for further details					
5. Pension Contribution for Year Beginning on Valuation Date					
a) Normal Cost	\$	41,000	\$	39,000	
b) Payment to amortize unfunded liability		16,634,523		21,680,426	
c) Expected (or actual for prior year) contributions		16,675,523		21,715,000	
d) (c) as % of payroll		91.46%		100.58%	
e) Amount to be contributed by participants		0		0	
f) (e) as % of payroll		0		0	
6. Past contributions					
a) Recommended for years ending 9/30/2022 and 9/30/2021					
respectively (beginning of year amount)	\$	21,719,440	\$	25,825,872	
b) Amount contributed by participants		0		0	
c) Actual contributions made by Halifax Health, years ending					
9/30/2022 and 9/30/2021 respectively		21,715,000		25,947,000	
7. Net actuarial gain (loss)		(48,239,358)		40,395,092	

Halifax Pension Plan 3 BPAS

### **Summary of Risk Measures**

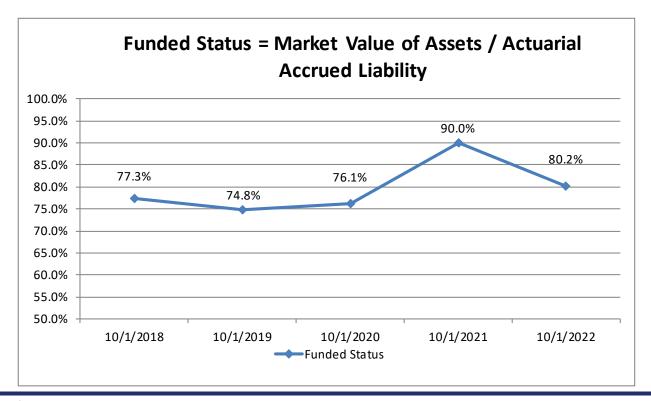
The valuation of a defined benefit plan is dependent upon uncertain events. Although your organization is subject to many sources of risk, it is important that Halifax Health understands that the results provided in this report represent only a single measurement of potential results based on the assumptions and methods identified herein. These assumptions and methods, although chosen in accordance with appropriate actuarial guidelines, can not predict the future with certainty. Thus, fluctuations in results will occur. As such, we are including this section to alert Halifax Health to potential sources of deviation. The summary provided below is not intended to be a complete and exhaustive list of all risks facing the Plan, but is intended to help Halifax Health understand the effect to which variations have and may affect your plan.

#### **Investment Risk**

As your Plan's assets are invested in a portfolio in which returns are subject to market fluctuations, deviations in investment returns from that expected by Halifax Health and/or the Plan's investment managers will occur. All pension plans are required to have an investment and funding policy, so it is important to review and update that policy, as needed, to reflect changes in the organization and Plan. Some considerations that may be useful in evaluating such are the following:

#### A. The current funded status of the Plan:

The following exhibit presents the Plan's historical funded status using the ratio of the Plan's Market Value of Assets to Actuarial Accrued Liability.

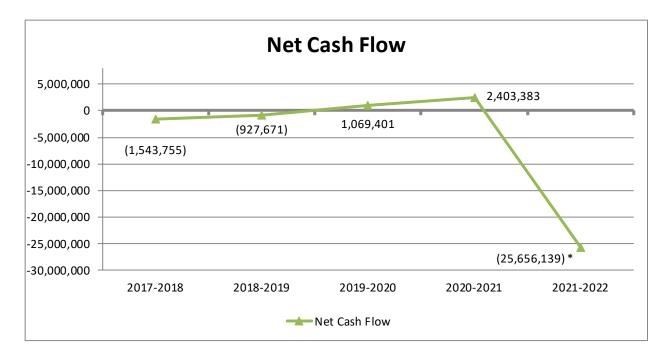


Halifax Pension Plan 4 BPAS

SECTION II RISK ASSESSMENT

#### B. Net Cash Flows

If annual contributions do not exceed the sum of annual benefit payments and annual expenses of the Plan, future contributions to the Plan will be subject to greater volatility due to investment risk. In order to maintain the Plan's funded percentage, the investment returns plus contributions must keep pace with the growth of the liability due to benefits earned and interest cost offset by benefit payments and expenses. Thus, negative cash flows put greater emphasis on investment return and/or higher future contributions. The exhibit below shows a 5-year history of the Plan's net cash flows using Contributions less Benefit Payments less Expenses:

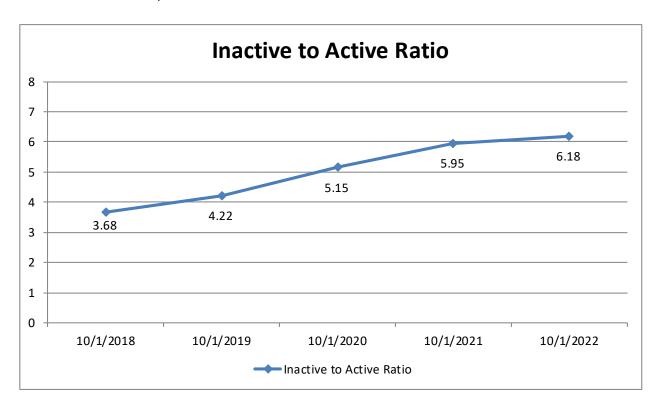


<sup>\*</sup> Reflects the cash out window payments of \$26,012,035

Halifax Pension Plan 5 BPAS

#### C. Plan Maturity

An increasing percentage of inactive members to active members may put greater stress on a Plan. Inactive participants are participants that are no longer employed by the Plan sponsor (or no longer in a pension eligible position). Typically inactive participants are older and may have accumulated substantial benefits under the Plan, which means the Plan may have large upcoming obligations to pay benefits. As the Plan is frozen to new entrants, this ratio will continue to increase in the future.



### **Longevity Risk**

One of the key assumptions in any funding determination/analysis is the assumed rate or rates of mortality that will be experienced by the underlying covered population. As many Plans are not of sufficient size to produce mathematically credible results based on the experience of the underlying population, most Plans utilize mortality rates that are broadly seen as indicative of general pension eligible populations. Thus, the rates utilized are likely not specific to the health characteristics of the specific participants covered by the Plan. That being said, if the covered participants receive annuities and live longer than expected, they will receive payments over that longer lifetime. Alternatively, if they do not live as long as expected, they will receive payments over a shorter period.

Please note that the mortality tables used for development of the actuarially determined contribution for funding purposes for the Plan are based on the most recent tables used under the Florida Retirement System. These mortality tables do not reflect the specific demographic characteristics of the participants in the Plan and, as such, may overstate or understate the true liability associated with the Plan.

Halifax Pension Plan 6 BPAS

SECTION III CERTIFICATION

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. In accordance with ERISA and Part VII, Chapter 112, Florida Statutes, the amounts disclosed in this report have been certified by the Enrolled Actuary or Actuaries who have signed below and who are members of the American Academy of Actuaries. This valuation reflects a June 19, 1998 ruling by the Internal Revenue Service, as well as an opinion by ERISA counsel, that the Halifax Pension Plan is a "governmental plan," as defined in Code section 414(d).

Our calculations were based on financial data and the employee data furnished by Halifax Health as of October 1, 2022. While the scope of our engagement did not call for us to perform an audit or independent verification of this information, we have reviewed this information for reasonableness, but have not audited it. The accuracy of the results is dependent upon the accuracy and completeness of the underlying information which is the responsibility of those who supply the data. Our calculations were also based on the provisions of the Plan in effect on October 1, 2022, which are summarized in Exhibit VII and the actuarial assumptions and methods described in Exhibit VI.

The valuation was based upon generally accepted actuarial methods, and we performed such tests as we considered necessary to assure the accuracy of the results. We certify that the amounts presented in the accompanying report have been appropriately determined according to the actuarial assumptions and methods stated herein and fully and fairly disclose the actuarial position of the Plan.

This actuarial valuation was prepared and completed under our direct supervision and we acknowledge responsibility for the results. To the best of our knowledge, the results are complete and accurate, and in our opinion, the techniques and assumptions used are reasonable and meet the requirements and intent of the Part VII, Chapter 112, Florida Statutes. There is no benefit or expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise taken into account in the valuation. All known events or trends which may require a material increase in plan costs or required contribution rates have been taken into account in the valuation.

Respectfully submitted,

**BPAS ACTUARIAL AND PENSION SERVICES, LLC** 

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December 20, 2023

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ACTIVE PARTICIPANTS				
(1) Active at October 1, 2021	262			
(2) Terminations During Year With Vested Rights	0			
(3) Terminations During Year Without Vested Rights	0			
(4) Deaths	0			
(5) Retired	(29)			
(6) New Participants or Rehires	0			
(7) Lump Sum Distribution	(16)			
(8) Adjustments (Includes employees leaving or returning to covered status)	0			
(9) Active at October 1, 2022	217			
RETIRED PARTICIPANTS & BENEFICIARIES				
(1) Retirees at October 1, 2021	1,122			
(2) Deaths with Beneficiary	(3)			
(3) Deaths with No Beneficiary	(13)			
(4) Lump Sum Distributions	(142)			
(5) Certain Provision Expired	0			
(6) New Retirees & Beneficiaries	52			
(7) Adjustments (Includes two participants previously indicated as receiving but who				
actually are deferred beneficiaries)	0			
(8) Retirees at October 1, 2022	1,016			
TERMINATED VESTED PARTICIPANTS & DEFERRED BENEFICIARIES				
(1) Terminated Vested at October 1, 2021	437			
(2) New Terminated Vested or Deferred Beneficiary	0			
(3) Lump Sum Distributions	(90)			
(4) Deaths	0			
(5) Adjustments (Including employees returned to covered status, data adjustment	0			
for participants previously indicated as receiving but who actually are deferred				
beneficiaries, participant determined to never have entered the plan)	0			
(6) Retired	(23)			
(7) Terminated Vested at October 1, 2022	324			

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SUMMARY OF ASSETS	
(1) Cash	\$ 280,754
(2) Bonds	69,350,809
(3) Stocks	146,838,023
(4) Other	69,237,546
(5) Contribution Receivable	400,000
Total Plan Assets	\$ 286,107,132

RECONCILIATION OF ASSETS	
(1) Assets as of October 1, 2021	\$ 348,041,686
(2) Contributions for the 2021-2022 Plan Year	21,715,000
(3) Interests and Dividends	4,865,952
(4) Realized Appreciation of Assets	3,692,796
(5) Unrealized Depreciation of Assets	(44,837,163)
(6) Benefit Payments	(47,330,554)
(7) Investment Expenses	0
(8) Administrative Expenses	(40,585)
Assets as of September 30, 2022	\$ 286,107,132

Note: All investments are valued at fair market value. The investment return for the 2021-2022 plan year, based on market value and net of investment expenses, was -10.83%

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Actuarial Gain/Loss - Year Ending September 30, 2022				
(1) Actuarial Accrued Liability at 10/1/2022	356,710,081			
(2) Actuarial Accrued Liability (prior to assumption changes) at 10/1/2022	352,137,637			
(3) Assets at 10/1/2022 (Market Value)	286,107,132			
(4) Unfunded Actuarial Accrued Liability at 10/1/2022: (1) - (3)	70,602,949			
(5) Unfunded Actuarial Accrued Liability (prior to assumption changes) at 10/1/2022: (2) - (3)	66,030,505			
(6) Supplemental Actuarial Accrued Liability due to assumption changes: (4)-(5)	\$ 4,572,444			
(7) Unfunded Actuarial Accrued Liability at 10/1/2021	38,356,889			
(8) Normal Cost, 10/1/2021	39,000			
(9) Interest on (7) and (8) @ 6.50%	2,495,733			
(10) Employer Contributions, Beginning of Year 2021	21,715,000			
(11) Interest on (10) @ 6.50%	1,385,475			
(12) Expected Unfunded Actuarial Accrued Liability at 10/1/2022: =(7) + (8) + (9) - (10) - (11)	17,791,147			
(13) Actuarial (Gain)/Loss: (5) - (12)	\$ 48,239,358			

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## **Summary of Amortization Payments as of October 1, 2022**

Date Established	Type of Base (Original Plan)	Initial Base	Minimum Amortization Period Initial	Minimum Amortization Period Remaining	Minimum Unamortized Balance	Minimum Amortization Amount
10/1/2013	SAAL (Actuarial Gain)	(3,558,094)	10	1	(468,562)	(468,562)
10/1/2013	SAAL (Assumption Change)	43,725,645	10	1	5,758,145	5,758,145
10/1/2014	SAAL (Actuarial Loss)	3,174,179	10	2	809,593	417,301
10/1/2014	SAAL (Assumption Change)	2,540,094	10	2	647,864	333,938
10/1/2015	SAAL (Actuarial Loss)	28,799,757	10	3	10,674,016	3,780,014
10/1/2015	SAAL (Assumption Change)	(6,046,657)	10	3	(2,241,061)	
10/1/2016	SAAL (Actuarial Gain)	(2,116,286)	10	4	(1,013,489)	
10/1/2016	SAAL (Assumption Change)	(2,194,272)	10	4	(1,050,832)	
10/1/2017	SAAL (Actuarial Gain)	(6,374,807)	10	5	(3,699,494)	
10/1/2017	SAAL (Assumption Change)	503,583	10	5	292,246	65,887
10/1/2018	SAAL (Actuarial Loss)	4,221,252	10	6	2,850,834	551,447
10/1/2018	SAAL (Assumption Change)	28,380	10	6	19,166	3,707
10/1/2019	SAAL (Actuarial Loss)	23,766,325	10	7	18,166,317	3,100,098
10/1/2019	SAAL (Assumption Change)	1,864,882	10	7	1,425,464	243,257
10/1/2020	SAAL (Actuarial Loss)	8,857,799	10	8	7,509,358	1,153,735
10/1/2020	SAAL (Assumption Change)	7,573,146	10	8	6,420,270	986,408
10/1/2021	SAAL (Actuarial Gain)	(40,395,092)	10	9	(37,401,626)	(5,254,019)
10/1/2021	SAAL (Assumption Change)	9,917,674	10	9	9,182,728	1,289,950
10/1/2022	SAAL (Actuarial Loss)	48,239,358	10	10	48,239,358	6,271,325
10/1/2022	SAAL (Assumption Change)	4,572,444	10	10	4,572,444	594,438
				TOTAL CHARGES:	\$ 116,567,803	\$ 24,549,650
	UAL-Unfunded Actuarial Accrued Lia	ability		TOTAL CREDITS:	\$ (45,875,064)	\$ (7,915,127)
	SAAL-Supplemental Actuarial Accru	ed Liability			\$ 70.692.739	\$ 16.634.523

SAAL-Supplemental Actuarial Accrued Liability

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#### **Summary of Future Amortization Payments**

		Minir	num Unamortized I	Balance	Minimur	Date Base is		
Date Established	Type of Base	10/1/2023	10/1/2024	10/1/2025	10/1/2023	10/1/2024	10/1/2025	Fully Amortized
10/1/2013	SAAL (Actuarial Gain)	0	0	0	0	0	0	9/30/2023
10/1/2013	SAAL (Assumption Change)	0	0	0	0	0	0	9/30/2023
10/1/2014	SAAL (Actuarial Loss)	417,301	0	0	417,301	0	0	9/30/2024
10/1/2014	SAAL (Assumption Change)	333,939	0	0	333,938	0	0	9/30/2024
10/1/2015	SAAL (Actuarial Loss)	7,333,495	3,780,015	0	3,780,014	3,780,014	0	9/30/2025
10/1/2015	SAAL (Assumption Change)	(1,539,703)	(793,633)	(1)	(793,632)	(793,632)	(1)	9/30/2025
10/1/2016	SAAL (Actuarial Gain)	(783,099)	(538,021)	(277,320)	(277,321)	(277,321)	(277,320)	9/30/2026
10/1/2016	SAAL (Assumption Change)	(811,953)	(557,845)	(287,538)	(287,539)	(287,539)	(287,538)	9/30/2026
10/1/2017	SAAL (Actuarial Gain)	(3,048,112)	(2,355,204)	(1,618,123)	(834,054)	(834,054)	(834,054)	9/30/2027
10/1/2017	SAAL (Assumption Change)	240,789	186,052	127,826	65,887	65,887	65,887	9/30/2027
10/1/2018	SAAL (Actuarial Loss)	2,445,973	2,015,302	1,557,176	551,447	551,447	551,447	9/30/2028
10/1/2018	SAAL (Assumption Change)	16,445	13,550	10,470	3,707	3,707	3,707	9/30/2028
10/1/2019	SAAL (Actuarial Loss)	16,026,690	13,750,662	11,329,537	3,100,098	3,100,098	3,100,098	9/30/2029
10/1/2019	SAAL (Assumption Change)	1,257,573	1,078,979	888,999	243,257	243,257	243,257	9/30/2029
10/1/2020	SAAL (Actuarial Loss)	6,760,794	5,964,509	5,117,461	1,153,735	1,153,735	1,153,735	9/30/2030
10/1/2020	SAAL (Assumption Change)	5,780,271	5,099,472	4,375,272	986,408	986,408	986,408	9/30/2030
10/1/2021	SAAL (Actuarial Gain)	(34,197,017)	(30,788,114)	(27,161,894)	(5,254,019)	(5,254,019)	(5,254,019)	9/30/2031
10/1/2021	SAAL (Assumption Change)	8,395,943	7,559,000	6,668,702	1,289,950	1,289,950	1,289,950	9/30/2031
10/1/2022	SAAL (Actuarial Loss)	44,643,495	40,818,396	36,749,447	6,271,325	6,271,325	6,271,325	9/30/2032
10/1/2022	SAAL (Assumption Change)	4,231,604	3,869,035	3,483,353	594,438	594,438	594,438	9/30/2032
TOTAL CHARGES	<b>6:</b>	\$ 93,652,708	\$ 80,265,937	\$ 66,824,890	\$ 18,197,067	\$ 17,445,828	\$ 13,665,814	
TOTAL CREDITS:		\$ (40,379,884)	\$ (35,032,817)	\$ (29,344,876)	\$ (7,446,565)	\$ (7,446,565)	\$ (6,652,932)	
TOTAL NET:		\$ 53,272,824	\$ 45,233,120	\$ 37,480,014	\$ 10,750,502	\$ 9,999,263	\$ 7,012,882	

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# CONTRIBUTION FOR PLAN YEAR ENDING SEPTEMBER 30, 2023

#### Contribution for Plan Year Ending September 30, 2023

A.	ACTUARIALLY DETERMINED CONTRIBUTION	
	(1) Normal Cost as of October 1, 2022	\$ 41,000
	(2) Net Minimum Amortization Amounts (Exhibit III-B)	16,634,523
	(3) Actuarially Determined Contribution for Plan Year	
	October 1, 2022 - September 30, 2023: (1) + (2)	16,675,523
	(4) Actual Contribution made October 2022	\$ 16,200,000
	(5) Excess (Shortfall): (4) - (3)	\$ (475,523)
	(6) Additional recommended contribution for plan year ending September 30, 2023	\$ 475,523

B. ALLOCATION OF CONTRIBUTION BY PARTICIPATING EMPLOYER	PERCENTAGE OF		
ACTUAL CONTRIBUTION FOR PLAN YEAR ENDING SEPTEMBER 3	3	TOTAL ALLOCATION	
Halifax Staffing, Inc.	\$	15,279,840	94.32%
Halifax Hospice, Inc.		920,160	5.68%
Total:	\$	16,200,000	100.00%

C. ALLOCATION OF ADDITIONAL RECOMMENDED CONTRIBUTION E	PERCENTAGE OF	
PARTICIPATING EMPLOYER FOR PLAN YEAR ENDING SEPTEMBER	TOTAL ALLOCATION	
Halifax Staffing, Inc.	\$ 448,513	94.32%
Halifax Hospice, Inc.	27,010	5.68%
Total:	\$ 475,523	100.00%

The allocation of the contribution between employers is based on the methodology used to determine expense allocation for the fiscal year ending September 30, 2023, which is the present value of future salaries based on the October 1, 2022 active data.

Present Value of Future Salaries for Active Participants							
Based on 10/01/2022 participant data:							
		Present Value	Percentage of Total				
1	Number of Participants	Future Salaries	Allocation				
Halifax Staffing	201	89,790,677	94.32%				
Halifax Hospice	16	5,409,519	5.68%				

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# ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

### **Actuarial Present Value of Accumulated Plan Benefits**

(A) CHANGES IN ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS							
(1) Actuarial present value of accumulated plan benefits as of September 30, 2021	\$	386,398,576					
(2) Increase (decrease) during the year attributable to							
(a) Increase for interest due to the decrease in the discount period		23,601,880					
(b) Actuarial (gain)/loss		(10,532,265)					
(c) Assumption Change		4,572,444					
(d) Benefits paid		(47,330,554)					
(e) Net increase		(29,688,495)					
(3) Actuarial present value of accumulated plan benefits as of September 30, 2022	\$	356,710,081					
(B) STATEMENT OF ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN							
BENEFITS AS OF SEPTEMBER 30, 2022							
(1) Actuarial present value of accumulated plan benefits:							
(a) Vested benefits:							
(i) Participants currently receiving payments	\$	283,661,799					
(ii) Other Participants		73,048,282					
Sub-total Sub-total	\$	356,710,081					
(b) Non-vested benefits		0					
(2) Total actuarial present value of accumulated plan benefits	\$	356,710,081					
(3) Plan Assets (at Market) as of September 30, 2022 \$ 286,107,132							

Halifax Pension Plan 14 BPAS

# ACTUARIAL ASSUMPTIONS AND FUNDING METHOD

The actuarial assumptions should reasonably reflect the anticipated experience under the Plan. We will continue to monitor the actuarial assumptions and make changes when necessary. Any changes in assumptions are noted in the applicable sections below.

The actuarial assumptions used in this valuation are summarized below:

Mortality rates: Sex-distinct headcount-weighted below-median Pub-2010 Public

Retirement Plans Mortality Tables for employees and healthy retirees Healthy Retiree Tables, set back 1 year for Males, adjusted for mortality improvements using MP-2021 on a fully generational basis,

as prescribed by the Florida Retirement System.

**Interest:** 6.375% per annum, compounded annually.

Salary Scale: N/A

**Turnover:** Rates at sample ages are shown below:

AGE	RATE
20	17.9%
25	17.2%
30	15.8%
35	13.7%
40	11.3%
45	8.4%
50	5.1%
55	1.7%

Due to limited available experience, the assumption utilized was selected based on the client's future expectations.

**Disability:** None assumed.

Halifax Pension Plan 15 BPAS

# ACTUARIAL ASSUMPTIONS AND FUNDING METHOD

**Retirement:** 

Rates of retirement for active participants are as follows:

Age	Probability of Retirement		
Prior to 59, with 30 years of service	15%		
Prior to 62, with 30 years of service	10%		
62	25%		
63	20%		
64	20%		
65	33%		
66	50%		
67	20%		
68	20%		
69	20%		
70	100%		

Calculations for terminated vested participants assume a retirement age of 62.

Rates of retirement were determined based on a March 2015 experience study using valuation data from October 1, 2011 through September 30, 2014. Based on more recent experience along with our future expectation we have made a change from the prior year retirement rates used in the valuation. Specifically we have increased the rate from 10% to 15% for ages prior to age 59 with 30 years of service.

We performed a retirement experience analysis that included the full ten year period 10/1/2012 to 9/30/2022. Variations that excluded the effect of COVID (3/1/2020 to 9/30/2022) were also reviewed. The differences between our current retirement rates and our updated experience analysis were at ages 65 and later. These differences and the impact on liability were not significant, therefore we are not changing our retirement rates at this time.

**Cost of Living:** 3.0% per annum, compounded annually.

**Administrative Expenses:** Actual prior year's administrative expenses rounded up to the nearest

\$1,000 (\$41,000 for October 1, 2022).

Halifax Pension Plan 16 BPAS

### **EXHIBIT VI**

# ACTUARIAL ASSUMPTIONS AND FUNDING METHOD

Assumed Form of Payment For Future Retirements:

**Upon Termination:** 

25% elect cash-out 75% elect annuity

Upon Retirement:

0% elect cash-out 100% elect annuity

For valuation purposes, the mortality table used to value the cash-out is the applicable mortality table for the determination of present values under IRC Section 417(e)(3)(B). This table is currently a 50/50 blend of male and female rates from the 2023 sex distinct optional combined mortality tables, as prescribed under IRC Section 430. The discount rate is 6.75%. The assumed funding adjustment factor is 95%.

**Cash-Out Funding Adjustment** 

**Factor for Future Retirements:** 95%

Married Percentage: 100%

#### **Actuarial Cost Method**

The funding method (actuarial cost method) is the Unit Credit Cost Method without projection.

Under this cost method, as a result of the amendment freezing benefit accruals, there is no actuarial Normal Cost amount. The Actuarial Accrued Liability is determined as the actuarial present value of benefits earned prior to the date of determination for each participant. In future years, actuarial gains and losses will result in the establishment of Supplemental Actuarial Accrued Liabilities. All Actuarial Accrued Liabilities are amortized by contributions made by the employer for this purpose.

#### **Asset Valuation Method**

Market Value of Assets.

#### **Actuarial Valuation Software**

For purposes of developing the projected future benefit payments as well as determining accrued liabilities and normal costs as of the valuation date, we utilized the ProVal software platform developed by Winklevoss Technologies. We believe this externally developed valuation system is appropriate, was used for its intended purpose, and did not produce unreasonable results.

Halifax Pension Plan 17 BPAS

#### **Summary of Plan Provisions**

#### **Effective Date of Plan**

October 1, 1992.

#### **Anniversary Date of Plan**

October 1, 1992 and each October 1st thereafter.

#### **Plan Year**

Each period of 12 consecutive months beginning on October 1.

#### **Eligibility**

On October 1, 1992, each employee of the Halifax Hospice, Inc. who was covered by the Florida Retirement System on September 30, 1992, is immediately eligible to participate in this plan. Future employees of the Hospice are eligible when they have completed one (1) year of service, provided they have attained age 21. Employees whose employment is covered by a collective bargaining agreement shall not be eligible to participate in this plan unless such agreement expressly provides for such participation.

On February 6, 1994, each employee of Halifax Staffing, Inc. who was covered under the Florida Retirement System is immediately eligible to participate in this plan. Future employees of Halifax Staffing, Inc. are eligible when they have completed one (1) year of service, provided they have attained age 21.

On March 20, 1994, each employee of Halifax Home Health, Inc. who was a participant in the Halifax Management System, Inc. Money Purchase Pension Plan is immediately eligible to participate in this plan. All other employees are eligible when they have completed one (1) year of service, provided they have attained age 21.

On October 1, 1994, employees of Associates In Medicine, Inc. are eligible to participate in the plan provided they have completed one (1) year of service and have attained age 21.

Notwithstanding the above, employees whose initial hire date or rehire date is on or after October 1, 2000, and temporary and per diem employees are not eligible to participate in the plan.

#### **Normal Retirement Date**

The earlier of attainment of age 62 or completion of 30 Benefit Years.

#### **Early Retirement Date**

Upon completion of 10 Benefit Years.

#### **Disability Retirement Date**

Total and permanent disability, with a minimum of 10 Benefit Years.

Halifax Pension Plan 18 BPAS

#### **Normal Retirement Benefit**

A monthly annuity of 1.6% of high-3 year average compensation for each Benefit Year. For a participant of this Plan as of October 1, 1992, (February 6, 1994, for employees of Halifax Staffing, Inc.) such benefit is reduced by any vested benefit payable from the Florida Retirement System. Average compensation is generally based on total pay during a calendar year, excluding bonuses and severance pay, subject to a maximum of \$250,000 (adjusted for changes in the cost-of-living after 2012). However, compensation used for years before October 1, 1992 (February 6, 1994, for employees of Halifax Staffing, Inc.) is based on pay used to determine benefits under the Florida Retirement System. Effective October 1, 2013, benefit accruals were frozen for active participants.

#### **Later Retirement Benefit**

A monthly annuity equal to the accrued benefit as of the date of later retirement (based on compensation and service as of that date) and substituting for 1.6%, in accordance with the following schedule:

Age 63, or 31 Benefit Years	1.63%
Age 64, or 32 Benefit Years	1.65%
Age 65 or later, or 33 Benefit Years or more	1.68%

#### **Early Retirement Benefit**

A monthly annuity equal to the accrued benefit at the Early Retirement Date, reduced by 5/12% for each month that the Benefit Commencement Date precedes age 62.

#### **Disability Retirement Benefit**

A monthly annuity equal to the accrued benefit as of the date of disability, with no actuarial reduction (subject to a minimum disability pension, before the reduction for the FRS offset, of 25% of average compensation). Payments cease if the disability ends before attainment of age 62 and continue if the participant is still disabled at age 62.

#### **Benefit Years**

For participants as of October 1, 1992, (February 6, 1994, for employees of Halifax Staffing, Inc.), Benefit Years shall include all years of service credited under the Florida Retirement System through September 30, 1992, (February 6, 1994, for employees of Halifax Staffing, Inc.), as well as service with Halifax Hospice, Inc. and Halifax Staffing, Inc. after that date.

Benefit Years for employees of Halifax Home Health, Inc. who were participants in the Halifax Management System, Inc. Money Purchase Pension Plan shall not include service before March 20, 1994. Benefit Years for employees of Associates in Medicine, Inc. shall not include any service with a partnership or P.C. before its purchase by or merger with Associates in Medicine, Inc.

Effective for plan years beginning on and after October 1, 2000, a Benefit Year will be credited only if a participant has completed at least 1,000 hours of service in that Plan Year. Effective October 1, 2013, benefit years were frozen for active participants.

#### **Accrued Benefit Prior to Normal Retirement Date**

Based on average compensation and Benefit Years as of the date of determination.

#### **Cost-of-Living Increase**

Generally, a 3% increase annually after retirement.

Halifax Pension Plan 19 BPAS

#### **Vesting**

A participant will become vested in his Accrued Benefit in accordance with the following schedule:

Vesting Years	Vested Percentage
Less than 5	0%
5 or more	100%

In addition, a participant is 100% vested upon satisfaction of the requirements for Disability, Early or Normal Retirement. For employees affected by certain mergers, as defined in the plan document, the five year vesting requirement is waived. Vested benefits may be forfeited in the event of certain misconduct, as defined in the plan document.

#### **Vesting Year**

Vesting Years shall generally be calculated in accordance with Benefit Years, however vesting years are not frozen.

#### **Termination Benefit**

A deferred benefit commencing at age 62 based on the participant's Vested Accrued Benefit as of his date of termination.

#### **Normal Form of Retirement Benefit**

If the participant is not married, benefits are determined on a life annuity form of benefit. However, if a participant is married, and does not elect otherwise, the normal form of benefit payment will be an actuarially reduced joint and 100% survivor annuity, with the spouse as beneficiary.

#### **Optional Forms of Retirement Benefit**

Actuarially reduced joint and 50% or joint and  $66^2/_3\%$  survivor annuity, or joint and 75% survivor annuity, or 10 year certain and life annuity.

#### **Death Benefit**

The survivor portion of an actuarially reduced joint and 100% survivor annuity, reduced further to reflect payment before the participant would have attained age 62, is payable to the participant's spouse or designated financial dependent at the earlier of the participant's death or earliest retirement date. Further, if the designated financial dependent is <u>not</u> the spouse, the survivor portion of the joint and survivor annuity may be limited to something less than 100%, pursuant to IRS regulations.

#### **Early Retirement Incentives**

Special incentives were offered to a selected group of participants in September 1995, March 2001 and July 2008.

#### 2005 and 2010 Amendments

Effective January 1, 2005 and October 1, 2010, plan amendments increased benefits for certain participants. The plan was also amended and restated, effective October 1, 2010, for GUST and other Federal legislation.

Halifax Pension Plan 20 BPAS

#### 2012 Amendment

Prior to October 1, 2012, changes to the plan were adopted to 1) freeze benefit accruals for active participants, effective October 1, 2013, and 2) offer a cash-out option to all participants. The cash-out offering to all terminated vested participants and retired participants (including beneficiaries) was made during a 90-day window period which ended on March 31, 2013. Terminated vested participants who elected not to take the cash-out during the 90-day period will again have the opportunity to do so when they retire and become eligible to receive benefits. A cash-out to active participants who retire after March 31, 2013 will be offered when they terminate employment and again at normal retirement date.

#### **Basis for Cash-out Assumption**

The cash-out amount prior to January 1, 2014, was calculated based on the following assumptions: 1994 Group Annuity Mortality Table (sex-distinct) projected to 2000, 7.25% interest, no cost-of-living adjustment, retirement at age 62 for active and terminated vested participants and a Funding Adjustment Factor of 85.934%. The Funding Adjustment Factor is designed to make sure that the plan remains equitably funded for participants who elect not to take the cash-out and is subject to change periodically based on the funded status of the plan.

For the cash-out amount after December 31, 2013 and prior to January 1, 2018, the following assumptions were used:

Mortality Table: RP-2000 Mortality Table Projected to the Plan Year with Scale AA

Interest Rate: 6.75% Funding Adjustment factor: 95%

For the cash-out amount on or after January 1, 2018, the following assumptions were used:

Mortality Table: The applicable mortality table for the determination of present

values under IRC Section 417(e)(3)(B).

Interest Rate: 6.75% Funding Adjustment factor: 95%

Other assumptions remain unchanged.

Halifax Pension Plan 21 BPAS

<u>TABLE ONE</u> Employee Distribution by Age, Service and Compensation

	Years of Service													
	Under 1		1 to 4			5 to 9		10 to 14			15 to 19		20 to 24	
Attained Age	#	Avg. Comp.	#	Avg. Co	omp.	#	Avg. Comp.	#	Avg. C	omp.	# A	vg. Comp.	# 4	Avg. Comp.
Under 25		0 0		0	0	0	0		0	0	0	0	0	0
25 to 29		0 0		0	0	0	0		0	0	0	0	0	0
30 to34		0 0		0	0	0	0		0	0	0	0	0	0
35 to 39		0 0		0	0	0	0		0	0	0	0	0	0
40 to 44		0 0		0	0	0	0		0	0	0	0	2	27,799
45 to 49		0 0		0	0	0	0		0	0	0	0	13	74,754
50 to 54		0 0		0	0	0	0		0	0	0	0	9	101,622
55 to 59		0 0		0	0	0	0		0	0	0	0	11	64,575
60 to 64		0 0		0	0	0	0		0	0	0	0	15	81,462
65 to 69		0 0		0	0	0	0		0	0	0	0	1	58,074
70 & up		0 0		0	0	0	0		0	0	0	0	0	0
Total		0 0		0	0	0	0		0	0	0	0	51	77,105

	25 to 29			30 to 34		35 to 39		40 & up		Total	
Attained Age	#	Avg	. Comp.	#	Avg. Comp.	#	Avg. Comp.	#	Avg. Comp.	#	Avg. Comp.
Under 25		0	0	0	0	0	0	0	0	0	0
25 to 29		0	0	0	0	0	0	0	0	0	0
30 to34		0	0	0	0	0	0	0	0	0	0
35 to 39		0	0	0	0	0	0	0	0	0	0
40 to 44		0	0	0	0	0	0	0	0	2	27,799
45 to 49		8	59,643	0	0	0	0	0	0	21	68,998
50 to 54		29	93,014	12	62,719	1	31,344	0	0	51	86,196
55 to 59		25	81,131	14	81,706	12	68,303	0	0	62	75,841
60 to 64		17	78,531	16	88,591	6	77,854	5	59,413	59	80,315
65 to 69		6	100,028	2	54,669	5	59,701	4	56,996	18	71,893
70 & up		0	0	3	80,853	0	0	1	0	4	82,598
Total		85	83,977	47	77,997	24	67,359	10	61,288	217	78,183

<sup>(1)</sup> Compensation per participant is limited to \$250,000 as applicable during the final year of benefit accrual.

<sup>(2)</sup> Excludes 3 employees receiving minimum benefits under Code 401(a)(9)

<sup>(3)</sup> Average compensation has been removed for categories with only 1 employee for privacy protection

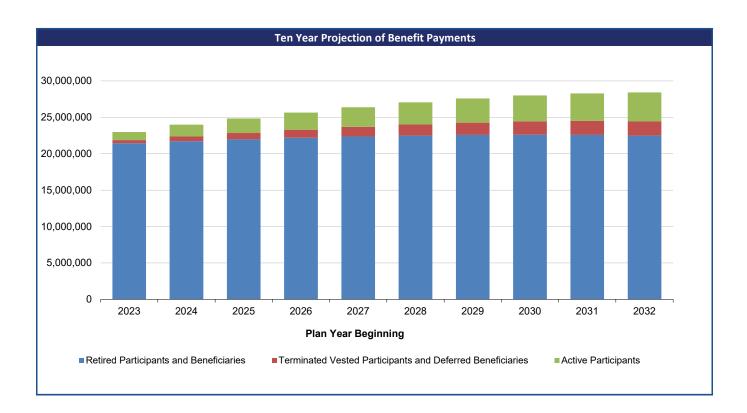
<u>TABLE TWO</u>
Age Distribution of Non-Active Members

	Retirees and	<b>Total Annualized</b>
Age	Beneficiaries	Benefits
Under 55	7	\$ 211,491
55-59	35	827,404
60-64	145	3,324,149
65-69	268	6,268,285
70-74	238	5,147,723
75-79	186	3,642,501
80-84	74	1,069,931
85 and over	63	706,012
Total	1,016	\$ 21,197,496
Average Age	71.79	

Age	Vested Terminations	Total Annualized Benefits
Under 25	0	\$0
25-29	0	0
30-34	0	0
35-39	0	0
40-44	4	7,811
45-49	29	138,060
50-54	64	374,171
55-59	116	970,138
60-64	75	445,656
65-69	18	75,017
70 and over	18	48,288
Total	324	\$ 2,059,141
Average Age	57.11	

TABLE THREE
Expected Benefit Payment Projection

The following is a projection of benefit payments expected to be paid from the trust during the next ten plan years.



Halifax Pension Plan 23 BPAS