

# Appendix D10 – Actuarial Method and Assumptions

## *Nova Scotia Public Authority Pension Plans Reciprocal Transfer Agreement*

**Name of Public Authority:** Health Association Nova Scotia

**Registered Pension Plan Name:** Nova Scotia Health Employees' Pension Plan

EFFECTIVE DATE: July 1, 2024

The transfer amount shall equal the greater of the following:

- A. the amount determined using the Termination actuarial basis described below; and
- B. the amount determined using the modified Termination actuarial basis described below.

### A. Termination actuarial basis

A1. **Actuarial Method** (describe): "Accrued Benefit" method

A2. **Assumptions:**

a) **Economic Assumptions:**

- |  |   |
|--|---|
| (1) Interest Rate:   | Pre and post retirement interest rates for the month of calculation determined in accordance with the Canadian Institute of Actuaries Standard of Practice for Pension Commuted Values (Section 3500) |
| (2) Inflation Rate:  | Included in Interest Rate for post-retirement period  |
| (3) YMPE Growth Rate:  | N/A   |
| (4) Salary Growth Rate:  | N/A   |
| (5) Rate of Increase of Maximum Benefits under Income Tax Act: | N/A   |
| (6) Rate of Indexing of Pension in Payment                     | Included in Interest Rate   |

b) **Demographic Assumptions:**

- |                                     |  |
|-------------------------------------|--|
| (1) Mortality Table:                | In accordance with the Canadian Institute of Actuaries Standard of Practice for Pension Commuted Values (Section 3500) |
| (2) Gender Split:                   | 85% female, 15% male   |
| (3) Proportion With Spouse:         | 73% have a spouse at retirement  |
| (4) Age Difference Between Spouses: | male spouse is 2.1 years older than female spouse  |
| (5) Retirement Age:                 | 50% at the age which maximizes value of benefit, remainder at earliest unreduced retirement age                        |
| (6) Withdrawal Rate:                | N/A  |
| (7) Disability Rate:                | N/A  |

# Appendix D10 – Actuarial Method and Assumptions

*Nova Scotia Public Authority Pension Plans Reciprocal Transfer Agreement*

**Name of Public Authority:** Health Association Nova Scotia

---

**Registered Pension Plan Name:** Nova Scotia Health Employees' Pension Plan

---

## B. Modified termination actuarial basis

B1. **Actuarial Method** (describe): "Accrued Benefit" method

---

B2. **Assumptions:**

a) **Economic Assumptions:**

- |  |   |
|--|---|
| (1) Interest Rate:   | Pre and post retirement interest rates for the month of calculation determined in accordance with the Canadian Institute of Actuaries Standard of Practice for Pension Commuted Values (Section 3500) |
| (2) Inflation Rate:  | Included in Interest Rate for post-retirement period  |
| (3) YMPE Growth Rate:  | N/A   |
| (4) Salary Growth Rate:  | N/A   |
| (5) Rate of Increase of Maximum Benefits under Income Tax Act: | N/A   |
| (6) Rate of Indexing of Pension in Payment                     | Included in Interest Rate   |

b) **Demographic Assumptions:**

- |                                     |  |
|-------------------------------------|--|
| (1) Mortality Table:                | In accordance with the Canadian Institute of Actuaries Standard of Practice for Pension Commuted Values (Section 3500) |
| (2) Gender Split:                   | 85% female, 15% male   |
| (3) Proportion With Spouse:         | 73% have a spouse at retirement  |
| (4) Age Difference Between Spouses: | male spouse is 2.1 years older than female spouse  |
| (5) Retirement Age:                 | 75% at earliest unreduced retirement age based on projected service; remainder at age 65                               |
| (6) Withdrawal Rate:                | N/A  |
| (7) Disability Rate:                | N/A  |