



Actuarial Information Summary

For assistance with completing this form, please refer to the Instruction Guide for the Actuarial Information Summary on the OSFI website.

Plan information

- 001 Is this plan a designated plan? Yes No
- 002 Is the plan still open to new members? Yes No
- 003 If line 002 is "No", are members still accruing benefits? Yes No

If line 002 or line 003 is "Yes", indicate the type of benefits members will be accruing in the year following the valuation date for:

- 004 Current members ▼
- 005 New members ▼

006 Valuation date of report (YYYY-MM-DD)

007 End date of period covered by report (YYYY-MM-DD)

008 Purpose of the report (indicate the reasons for which the report was prepared)

▼ Other (specify)

Contributions for covered period (prior to the application of any previous years' additional contributions or surplus)

Periods	Period 1	Period 2	Period 3	Period 4
009 Period start date (YYYY-MM-DD)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
010 Period end date (YYYY-MM-DD)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Current service cost for defined benefit provisions	Period 1	Period 2	Period 3	Period 4
011 Members	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
012 Employer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
013 Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
014 Explicit expense allowance included on line 013	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
015 Employer, determined under the maximum funding valuation basis (designated plan)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Current service cost for defined contribution provisions

	Period 1	Period 2	Period 3	Period 4
016 Members				
017 Employer				
018 Total				

Special payments

	Period 1	Period 2	Period 3	Period 4
019 Going concern unfunded liability				
020 Solvency deficiency				
021 Total				

Fixed contributions (estimated dollar amounts of total fixed employer and member contributions, if applicable)

	Period 1	Period 2	Period 3	Period 4
022 Defined benefit provisions				
023 Defined contribution provisions				

Membership information

	Number	Average Age	Average Pensionable Service	Average Salary	Average Annual Pension	Average Member Contributions with Interest
024 Active members						
025 Deferred members						
026 Retired members			N/A	N/A		N/A
027 Other members						

Actuarial information

A. Actuarial Basis for Going Concern Valuation

028 Asset valuation method ▼

029 Number of years over which assets are smoothed ▼

030 Liability valuation method ▼ Other (specify)

Economic assumptions

		Initial Rate (%)	Number of Years	Ultimate Rate (%)
031	Discount rate for liability of active and deferred members			
032	Discount rate for liability of retired members			
033	Discount rate for current service cost			
034	Rate of indexation for deferred pensions			
035	Rate of indexation for immediate pensions			
036	Rate of general wage and salary increase			
036a	Allowance for promotion, seniority, and merit increases			
036b	Average allowance identified in 036a			
037	YMPE escalation rate			
038	<i>Income Tax Regulations</i> maximum pension limit increase			
039	Rate of CPI increase			
039a	Equivalent level discount rate for liabilities			
039b	Equivalent level discount rate for current service cost			
039c	Was an adjustment made to OSFI's maximum going concern discount rate based on the plan's target asset mix?			▼

Mortality table and longevity assumptions

040	Mortality table and improvement scale	▼
041	Other (specify)	
		Male Female
042	Adjustment for size	
043	Adjustment for industry	
044	Adjustment for plan experience	

Provisions for adverse deviations and expenses

		Implicit Margin in the Discount Rate (%)	Explicit Provision in the Current Service Cost (\$)	Explicit Provision in the Liabilities (\$)	Other (specify)
046	Adverse deviations				
047	Active investment management expenses				
048	Passive investment management expenses				
049	Administrative expenses				
049a	Adjustment due to OSFI's maximum going concern discount rate				

050 Are some administrative expenses paid outside the fund and not reimbursed by the plan? Yes No

Other

051 Was a withdrawal scale used? Yes No

052 If line 051 is "Yes", indicate the percentage of members assumed to choose a commuted value

053 If line 051 is "Yes" and line 052 is not 0, were solvency assumptions used for members assumed to choose a commuted value? Yes No

054 Were variable retirement rates used? Yes No

055 If line 054 is "No", what is the assumed retirement age?

B. Actuarial Basis for Solvency Valuation

Economic assumptions

		Initial Rate (%)	Number of Years	Ultimate Rate (%)
056	Discount rate for benefits to be settled by commuted value			
057	Rate of indexation for benefits to be settled by commuted value			
058	<i>Income Tax Regulations</i> maximum pension limit increase			
059	Rate of general wage and salary increase			

		Duration (non-indexed)	Rate (%)
060	Duration and discount rate for benefits to be settled by purchase of deferred annuity		
061	Duration and discount rate for benefits to be settled by purchase of immediate annuity		
062	Rate of indexation for annuities	N/A	

Mortality table and longevity assumptions

063 Was a unisex table used for benefits to be settled by commuted value? Yes No

064 If line 063 is "Yes", are total liabilities for members for which a unisex mortality table is used the same total liabilities as those using sex-distinct mortality? Yes No

065 Mortality table and improvement scale for benefits to be settled by purchase of annuity ▼

066 Other (specify)

Male Female

067 Mortality adjustment

Other

068 Was a replicating portfolio used for solvency valuation? Yes No

068a Assumed retirement age for benefits assumed to be settled by commuted value ▼

068b Other (specify)

068c Assumed retirement age for benefits assumed to be settled by annuity purchase ▼

068d Other (specify)

C. Going Concern Valuation Results

Defined benefit provisions

069	Fair value of net assets	
070	Amount of receivables net of payables and investment related liabilities included on line 069	
071	Amount of smoothing adjustment	
072	Going concern assets	
073	Optional ancillary contributions account balance included on line 069 for a flexible pension plan (if applicable)	
074	Liabilities for active members	
075	Liabilities for retired members	
076	Liabilities for deferred members	
076a	Liabilities for other members	
077	Liabilities for transfer deficiencies	
078	Liabilities for optional ancillary benefits to be provided under a flexible pension plan (if applicable)	
079	Other liabilities and reserve	
080	Going concern liabilities	
081	Net funded position – surplus (deficit)	
082	Net funded position – surplus (deficit) determined under the maximum funding valuation basis (designated plan)	
083	Implicit provision for adverse deviations included on line 080	
084	Implicit provision for future expenses included on line 080	
085	Implicit provision for adverse deviations included on line 013	
086	Implicit provision for future expenses included on line 013	
087	Are any benefits annuitized using buy-in annuities? <input type="checkbox"/> <input type="checkbox"/>	
089	If line 087 is "Yes", indicate the liabilities for annuitized benefits included on line 080	
090	Increase in going concern liabilities included on line 080 resulting from a reduction of 1% in the discount rate stated on lines 031 and 032	
091	Increase in current service cost included on line 013 resulting from a reduction of 1% in the discount rate stated on line 033	
091a	Impact of interest rate risk plausible adverse scenario on going concern assets (if applicable)	
091b	Impact of interest rate risk plausible adverse scenario on going concern liabilities (if applicable)	
091c	Impact of asset deterioration plausible adverse scenario on going concern assets (if applicable)	
091d	Impact of longevity risk plausible adverse scenario on going concern liabilities (if applicable)	

Defined contribution provisions

092 Fair value of net assets

D. Solvency Valuation Results

Defined benefit provisions

093 Solvency assets

094 Value of letters of credit included on line 093

095 Provision for termination expenses included on line 093

096 Optional ancillary contributions account balance included on line 093 for a flexible pension plan (if applicable)

097 Additional payments in excess of minimum funding requirements

098 Liabilities for active members

099 Liabilities for retired members

100 Liabilities for deferred members

100a Liabilities for other members

101 Liabilities for transfer deficiencies

102 Liabilities for optional ancillary benefits to be provided under a flexible pension plan (if applicable)

103 Other liabilities and reserve

104 Solvency liabilities

105 Net solvency position – surplus (deficit)

106 Liabilities for active, deferred and other members who are within ten years of pensionable age and whose benefits were valued using the discount rate stated on line 056

107 Liabilities for active, deferred and other members who are within ten years of pensionable age and whose benefits were valued using the discount rate stated on lines 060 and 061

108 Liabilities for active, deferred and other members who are not within ten years of pensionable age

109 Increase in solvency liabilities included on line 104 resulting from a reduction of 1% in the discount rates stated on lines 056, 060, and 061

110 Indicate the solvency liabilities on line 104 that would have resulted from using an unadjusted CPM2014 mortality table and the annuity proxy rate for benefits to be settled by purchase of annuity

111 If line 087 is "Yes", indicate the liabilities for annuitized benefits included on line 104

E. Actuarial Gains and Losses

112 Was a gain and loss analysis done? Yes No

113 If line 112 is "Yes", indicate the date of the last filed Actuarial Information Summary (YYYY-MM-DD)

114 If line 112 is "Yes", indicate the net funded position on line 081 of the last filed Actuarial Information Summary

If line 112 is "Yes", indicate amount of gain (loss) due to:

115	Interest on surplus (unfunded liability)	<input type="text"/>
116	Special payments made	<input type="text"/>
117	Amounts used for contribution holiday	<input type="text"/>
118	Change in the actuarial assumptions	<input type="text"/>
119	Change in the asset valuation method	<input type="text"/>
120	Change in the liability valuation method	<input type="text"/>
121	Plan amendments or changes	<input type="text"/>
122	Investment experience	<input type="text"/>
123	Retirement experience	<input type="text"/>
124	Mortality experience	<input type="text"/>
125	Withdrawal experience	<input type="text"/>
126	Salary increase experience	<input type="text"/>
127	Optional ancillary contributions forfeited	<input type="text"/>
127a	Indexation experience	<input type="text"/>

Other sources

128	<input type="text"/>	<input type="text"/>
129	<input type="text"/>	<input type="text"/>
130	All other sources (combined)	<input type="text"/>

F. Subsequent Events and Plan Amendments

131 Are there any subsequent event(s) that have not been reflected in the valuation? Yes No

132 Do the liabilities determined in the actuarial report include the impact of one or more plan amendments that affect the value of benefits having accrued prior to the report's valuation date, and which were not included in the prior report? Yes No

133 Does the actuarial report account for one or more plan amendments that affect only the cost of benefits that will accrue after the report's valuation date, and which were not included in the prior report? Yes No

134 If line 132 or 133 is "Yes", provide the amendment number and effective date

Amendment number	<input type="text"/>	Effective date (YYYY-MM-DD)	<input type="text"/>
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If the plan provides benefit increases coming into effect during the period covered by the report but after the valuation date, have those increases been reflected in:

- 135 The going concern liabilities included on lines 074 to 080?
- 136 The solvency liabilities included on lines 098 to 104?

G. Statement of Opinion

- 137 Are any of the actuary's statements of opinion qualified or does the actuary have any reservation? Yes No

H. Additional Solvency Valuation Information

- 138 Adjusted solvency ratio at the valuation date
- 139 Adjusted solvency ratio at the prior valuation date
- 140 Adjusted solvency ratio at the prior second valuation date
- 140a Adjustment factor to reflect amendments made after the prior second valuation date
- 141 Average solvency ratio
- 142 Adjusted solvency asset amount
- 143 Solvency deficiency
- 144 Solvency ratio (express in decimal format)

	Active Members	Deferred Vested Members
145 Percentage of members entitled to an immediate pension and assumed to choose a commuted value	<input type="text"/>	<input type="text"/>
146 Percentage of members not entitled to an immediate pension and assumed to choose a commuted value	<input type="text"/>	<input type="text"/>
147 Number of months between the termination date and the wind-up date on which the provision for termination expenses included on line 095 is based		<input type="text"/>
151 Solvency incremental cost		<input type="text"/>
152 Interest on solvency liabilities, solvency incremental cost, and expected benefit payments during the projection year		<input type="text"/>
153 Expected benefit payments during the projection year		<input type="text"/>
154 Solvency liabilities projected one year after the date stated on line 006		<input type="text"/>