

CAC Manitoba
Exhibit for
Illustrative
Purposes

A simple illustration of the effect of a 1.00% increase in interest rates on the market value of a bond and discounting effect on unpaid claim reserve starting at \$100 million each.

1. Assume a bond was purchased on Jan. 1, 2012 for \$100 million at par with a coupon rate of 2% paying semi annual interest payments and will mature in 3 years.

Bond Prices	Trading at Par	Trading at Discount
Par	\$100,000,000	\$100,000,000
Coupon rate	2.00%	2.00%
Time to maturity (years)	3	3
Current Yield	2.00%	3.00%
Price	\$100,000,000	\$87,213,504

2. Assume an unpaid claim reserve of \$100 million was incurred on Jan. 1, 2012 and will be paid in 3 years and the unpaid claims liability will be discounted based on the bond rates.

Unpaid claim	Discounted at 2%	Discounted at 3%
Undiscounted value	\$100,000,000	\$100,000,000
Interest rate	2.00%	3.00%
Years to payment	3	3
Discounted value	\$94,232,233	\$91,514,166

Immunization Ineffectiveness
Note: The bond market may price differently due to demand, etc.

set
aside

Difference	Impact on Income Statement	Time (years)	Payment Pattern
\$2,786,496	Decreases net income	0.50	\$1,000,000
		1.00	\$1,000,000
		1.50	\$1,000,000
		2.00	\$1,000,000
		2.50	\$1,000,000
		3.00	\$103,000,000

\$2,718,068 Increases net income
\$68,428 Decreases net income