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Metropolitan Toronto Police Benefit Fund

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Metropolitan Toronto Police Benefit Fund General Statistics at Dec 31

	2009	2008	2007	2006
Membership				
Actives and Disableds	8	10	12	15
Pensioners	1,391	1,445	1,496	1,544
Survivors	710	684	671	654
Total	2,109	2,139	2,179	2,213
Average Monthly Pension Payment	2,634	2,678	2,733	2,781
Average Monthly Survivor Payment	1,456	1,440	1,423	1,394
Total Benefits Paid in Year (\$000)	57,501	59,664	61,683	63,608

Metropolitan Toronto Police Benefit Fund Rates of Return

	2009	2008	2007	2006
Market Value (\$000)	549,657	522,040	673,066	719,666
Rate of Return, net of IMF	16.03%	-14.47%	1.54%	10.86%
Rate of Return, gross	16.33%	-14.26%	1.77%	
Actuarial Value (\$000) Rate of Return, net of IMF	582,273 1.73%	624,022 2.56%	665,248 8.71%	666,841 10.78%



Metropolitan Toronto Police Benefit Fund Actuarial Assets (\$000)

	2009	2008	2007	2006
Assets at Jan. 1	624,022	665,248	666,841	651,137
Employee Contributions	-	-	-	-
Employer Contributions	5,880	2,881	4,045	12,306
Pensioner Pensions	(45,401)	(48,149)	(50,468)	(52,738)
Survivor Pensions	(12,100)	(11,515)	(11,215)	(10,870)
Non Investment Expenses	(385)	(365)	(356)	(419)
Investment Income (Market) net of fees	79,747	(93,446)	10,686	73,003
Transfer (to)/from Smoothing Account	(69,366)	109,800	45,007	(5,578)
Change in in-transits	(124)	(432)	708	
Assets at Dec. 31	582,273	624,022	665,248	666,841
Smoothing Account - Jan. 1	(101,982)	7,818	52,825	47,247
Transfer to/(from) Smoothing Account	69,366	(109,800)	(45,007)	5,578
Smoothing Account - Dec. 31	(32,616)	(101,982)	7,818	52,825

Metropolitan Toronto Police Benefit Fund Going Concern at Dec 31 (\$000)

	2009	2008	2007	2006
Assets				
Market Value	549,657	522,040	673,066	719,666
Actuarial Value	582,273	624,022	665,248	666,841
Liabilities				
Active and Disabled Members	7,896	10,061	11,338	14,117
Pensioners and Surviving Spouses	562,870	587,845	614,887	639,128
Total Liabilities	570,766	597,906	626,225	653,245
Prior Year Credit Balance	-	-	4,923	7,355
Going Concern Excess/(Deficiency)	11,507	26,116	34,100	6,241
Actuarial Assumptions				
Discount Rate	5.50%	5.50%	5.50%	5.50%
Salary Increases	4.50%	4.50%	4.50%	4.50%
YMPE Increases	3.50%	3.50%	3.50%	3.50%
Mortality Table (post retirement only)	UP94, gen	UP94, gen	UP94, gen	UP94, gen
Retirement Date/Age	31-Dec-10	31-Dec-09	31-Dec-08	58

Assumption Changes

 No material changes other than discount rates for wind-up and solvency valuations.

Data Estimates

- Stepped Pension:
 - Surviving spouse's pension payable on member's death is roughly estimated by performing somewhat complex calculations on available data
 - Information required to calculate spouse's pension is not available on computer files

Metropolitan Toronto Police Benefit Fund Actuarial Going Concern Gain & Loss (\$000)

	2009	2008	2007	2006
Funding Excess - Jan. 1 (before upgrades)	26,116	34,100	6,241	(37,830)
Prior year credit balance	-	4,923	7,355	6,449
Pensioner Upgrade (This Year)	-	-	-	-
Actuarial assumptions, data changes	628	(250)	490	1,036
Actuarial method changes				6,840
Employer Contributions for Deficiency	5,998	2,483	5,043	12,644
Salaries	24	16	287	(260)
Investment Returns	(21,165)	(16,482)	21,171	24,463
Retirements	813	346	(625)	1,005
Mortality	(616)	1,281	(927)	(326)
Expenses (non-investment)	(385)	(365)	(356)	(419)
Miscellaneous	94	64	344	(6)
Prior year credit balance	-	-	(4,923)	(7,355)
Funding Excess - Dec. 31	11,507	26,116	34,100	6,241

Metropolitan Toronto Police Benefit Fund Wind-Up/Solvency at Dec 31 (\$000)

	2009	2008	2007	2006
Wind-Up Assets				
Market Value	549,657	522,040	673,066	719,666
Expenses of Wind-Up of Plan	(317)	(322)	(328)	(333)
Total Wind-Up Assets	549,340	521,718	672,738	719,333
Wind-Up Liabilities				
Active and Disabled Members	8,854	10,588	12,290	14,994
Pensioners and Surviving Spouses	612,936	617,130	666,677	688,518
Total Wind-Up Liabilities	621,790	627,718	678,967	703,512
Wind-Up Excess/(Deficit)	(72,450)	(106,000)	(6,229)	15,821
Solvency Asset smoothing adjustment	26,062	96,408	(11,212)	(54,325)
Solvency Liability smoothing adjustment	7,057	(11,987)	14,470	23,874
Solvency Surplus/(Shortfall)	(39,331)	(21,579)	(2,971)	(14,630)

Metropolitan Toronto Police Benefit Fund Assumptions and Contributions

	2009	2008	2007	2006
Discount Rate - Solvency	4.625%	4.625%	4.75%	5.00%
Discount Rate - Wind-Up	4.49%	4.85%	4.50%	4.60%
Mortality Table (post retirement only)	UP94,P2020	UP94,P2015	UP94,P2015	UP94, P2015
Retirement Age	immediate	immediate	immediate	immediate
Funding Requirements for next year Current Service Cost	2010 -	2009 -	2008	2007
Funding Deficiency Payments	-	-	-	-
Solvency Deficiency Payments	9,637,200	5,425,800	7,339,200	7,339,200
Total Contribution - Per Year	9,637,200	5,425,800	7,339,200	7,339,200
Total Contribution - Per Month Contribution redues in Dec 2009 to	803,100 n/a	458,000 387,800	611,600	611,600
Prior Year Credit Balance	-	-	4,923	7,355
Minimum contribution for the year	9,637,200	5,425,800	2,416,200	
Maximum contribution for the year	72,450,000	106,000,000	6,229,000	

Metropolitan Toronto Police Benefit Fund COLA and Indexation Reserve (\$000)

	2009	2008	2007	2006
Change in CPI (September to September)	-0.86%	3.40%	2.47%	0.74%
COLA recommendation for Jan 1 of next year	0.00%	0.00%	0.00%	0.00%
Going Concern Excess after upgrade @ Dec 31 Solvency Excess after upgrade @ Dec 31	11,507 (39,331)	26,116 (21,579)	34,100 (2,971)	6,241 (14,630)
Indexation Reserve before upgrade @ Dec 31 Indexation Reserve after upgrade @ Dec 31	-	-	-	-

Metropolitan Toronto Police Benefit Fund Going Concern Projection

Discount Rate: Going Concern Excess/(Deficit): 5.50% 12 \$million

Projected Going Concern Excess/(Deficit) at December 31, 2010

		\$million	
Discount Rate/	5.00%	5.50%	6.00%
Asset Return			
	(
-5.50%	(41)	(19)	3
0.00%	(34)	(12)	10
5.50%	(27)	(5)	17
11.00%	(19)	3	24

Metropolitan Toronto Police Benefit Fund Solvency Projection

Discount Rate (actual): Discount Rate (smoothed): Solvency Excess/(Deficit):

Projected Solvency Excess/(Deficit) at:

4.490% 4.625% (39) \$million

31-Dec-10

\$ million

Actual Discount Rate/	4.50%	5.00%	5.50%		
Asset Return					
-5.50%	(66)	(60)	(54)		
0.00%	(58)	(52)	(47)		
5.50%	(51)	(45)	(39)		
11.00%	(44)	(38)	(32)		

Metropolitan Toronto Police Benefit Fund Contribution Projection

Contributions shown below are inclusive of Going Concern special payments, if any

2010 required contributions are \$9.6 million

Projected Contributions for:

2011

	\$million				
Actual Discount Rate/	4.50%	5.00%	5.50%		
Asset Return					
-5.50%	14.6	13.4	12.1		
0.00%	13.0	11.7	10.5		
5.50%	11.4	10.1	8.8		
11.00%	9.8	8.5	7.2		

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