

Griffith, Ballard & Company

Valuation Interest Rate Calculations

For use during Valuation Year 2010

Based on Actual Rates through June 30, 2010

MOODY'S CORPORATE AVERAGE YIELDS

Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	
6.17%	5.83%	5.61%	5.63%	5.68%	5.78%	5.76%	5.86%	5.81%	5.80%	5.61%	5.52%	
12-Month Average: 2009:			6.80%	2008:		6.21%	2007:		6.00%	36-Month Average: 2009:		6.34%

CURRENT YEAR PROJECTED AVERAGES

	Average	projected if future monthly average changes by					
		-0.50%	+0.50%	-1.00%	+1.00%	-2.00%	+2.40%
12-month average	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%
36-month average	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
Lower	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%	5.75%

PROJECTED VALUATION RATES, BASED ON ABOVE

	Rate	Change from prior yr.	projected if future monthly average changes by					
			-0.50%	+0.50%	-1.00%	+1.00%	-2.00%	+2.40%
Life Formula	4.00%	-0.25%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Life Reserve*	4.00%	0.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Life Nonfor Fctr	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Flex Prem DA**	4.25%	-0.75%	4.25%	4.25%	4.25%	4.25%	4.25%	4.25%
Single Prem DA**	4.50%	-0.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Immed Annuity	5.25%	-0.75%	5.25%	5.25%	5.25%	5.25%	5.25%	5.25%

* Minimum change from prior year rate is 0.50%

** for Type C, 10 years and fewer, issue-year basis

SINGLE PREMIUM DEFERRED ANNUITY

ISSUE-YEAR BASIS	2010				2009				
	Duration	Ref*	A	B	C	Ref*	A	B	C
5 Years or Less		5.75%	5.25%	4.75%	4.50%	6.80%	6.25%	5.50%	5.00%
5+ to 10 Years		5.75%	5.25%	4.75%	4.50%	6.80%	6.00%	5.50%	5.00%
10+ to 20 Years		5.75%	5.00%	4.50%	4.25%	6.34%	5.25%	4.75%	4.75%
Greater than 20 Years		5.75%	4.25%	4.00%	4.00%	6.34%	4.75%	4.25%	4.25%

FLEXIBLE PREMIUM DEFERRED ANNUITY

ISSUE-YEAR BASIS	2010				2009				
	Duration	Ref*	A	B	C	Ref*	A	B	C
5 Years or Less		5.75%	5.25%	4.75%	4.25%	6.80%	6.00%	5.25%	5.00%
5+ to 10 Years		5.75%	5.00%	4.75%	4.25%	6.80%	5.75%	5.25%	5.00%
10+ to 20 Years		5.75%	4.75%	4.25%	4.25%	6.34%	5.25%	4.75%	4.50%
Greater than 20 Years		5.75%	4.25%	4.00%	4.00%	6.34%	4.50%	4.25%	4.25%

* 12- preceding month average (if greater than 10 years, use 36- preceding month average, if lower)

DYNAMIC MINIMUM ANNUITY NONFORFEITURE RATES

Five-Year Constant Maturity Treasury (Monthly Average) and Related Minimum Guarantee Rates

	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09
5-Yr CMT:	2.29%	1.52%	1.60%	1.87%	1.82%	1.86%	2.13%	2.71%	2.46%	2.57%
Minimum Rate:	1.05%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.45%	1.20%	1.30%
	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10
5-Yr CMT:	2.37%	2.33%	2.23%	2.34%	2.48%	2.36%	2.43%	2.58%	2.18%	2.00%
Minimum Rate:	1.10%	1.10%	1.00%	1.10%	1.25%	1.10%	1.20%	1.35%	1.00%	1.00%

Applicable Federal Interest Rate for Purposes of Sn. 807*: 2010: 3.81% 2009: 4.06% 2008: 4.06%

* Note, use the maximum of this and the life reserve valuation rate

use: 4.00% 4.06% 4.06%